

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040646.D
 Acq On : 27 Apr 2019 2:55
 Operator : JU/SJ
 Sample : K2203-18MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMS

Quant Time: Apr 27 04:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	47600	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	188250	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	137338	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	374521	20.00	ng	0.00
76) Chrysene-d12	21.82	240	369887	20.00	ng	0.00
87) Perylene-d12	25.20	264	406613	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	373113	138.17	ng	0.00
7) Phenol-d6	7.29	99	514140	123.66	ng	0.00
23) Nitrobenzene-d5	9.33	82	442029	108.50	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	327075	173.26	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	886840	93.26	ng	0.00
79) Terphenyl-d14	20.13	244	1791076	107.28	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.56	88	49282	40.130	ng	# 2
3) Pyridine	3.97	79	106064	29.797	ng	96
4) n-Nitrosodimethylamine	3.88	42	86178	43.649	ng	# 98
6) Aniline	7.48	93	92208	16.732	ng	97
8) 2-Chlorophenol	7.71	128	149078	45.214	ng	92
9) Benzaldehyde	7.29	77	19069	3.294	ng	# 83
10) Phenol	7.32	94	177783	39.779	ng	94
11) bis(2-Chloroethyl)ether	7.57	93	147809	44.103	ng	95
12) 1,3-Dichlorobenzene	8.04	146	154324	42.882	ng	99
13) 1,4-Dichlorobenzene	8.19	146	157949	43.295	ng	96
14) 1,2-Dichlorobenzene	8.51	146	151360	43.020	ng	97
15) Benzyl Alcohol	8.39	79	194337	44.922	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	287187	43.040	ng	98
17) 2-Methylphenol	8.58	107	144117	45.565	ng	97
18) Hexachloroethane	9.25	117	62605	41.833	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	155445	41.533	ng	98
20) 3+4-Methylphenols	8.92	107	194048	44.040	ng	97
22) Acetophenone	8.99	105	264180	50.467	ng	# 96
24) Nitrobenzene	9.38	77	228032	52.459	ng	96
25) Isophorone	9.90	82	437578	48.217	ng	99
26) 2-Nitrophenol	10.09	139	85045	54.580	ng	90
27) 2,4-Dimethylphenol	10.13	122	170944	58.472	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	215750	47.385	ng	99
29) 2,4-Dichlorophenol	10.61	162	178672	53.757	ng	90
30) 1,2,4-Trichlorobenzene	10.84	180	179873	48.802	ng	99
31) Naphthalene	11.03	128	497480	49.742	ng	99
32) Benzoic acid	10.25	122	99234	49.582	ng	88
33) 4-Chloroaniline	11.14	127	14201	3.203	ng	# 93
34) Hexachlorobutadiene	11.30	225	131370	48.279	ng	96
35) Caprolactam	11.92	113	25441	19.388	ng	87
36) 4-Chloro-3-methylphenol	12.24	107	217539	51.883	ng	99
37) 2-Methylnaphthalene	12.62	142	372085	49.760	ng	97
38) 1-Methylnaphthalene	12.84	142	356689	48.802	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	246809	48.241	ng	98

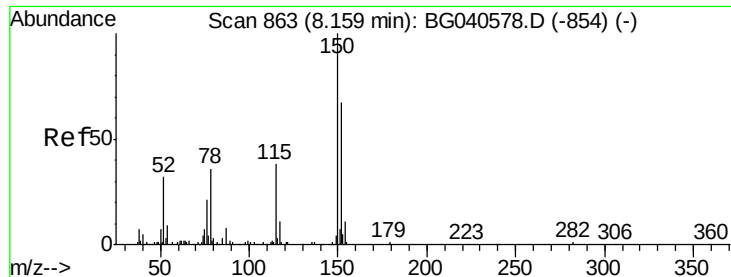
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	296125	98.088	ng	95
43) 2,4,6-Trichlorophenol	13.22	196	168903	54.630	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	184080	54.655	ng	97
46) 1,1'-Biphenyl	13.62	154	507811	47.624	ng	97
47) 2-Chloronaphthalene	13.67	162	400371	47.979	ng	97
48) 2-Nitroaniline	13.87	65	176039	59.264	ng	97
49) Acenaphthylene	14.52	152	668062	47.186	ng	99
50) Dimethylphthalate	14.23	163	573563	49.915	ng	99
51) 2,6-Dinitrotoluene	14.36	165	126107	56.231	ng	97
52) Acenaphthene	14.85	154	399788	48.488	ng	95
53) 3-Nitroaniline	14.69	138	42393	18.449	ng	# 94
54) 2,4-Dinitrophenol	14.90	184	146381	112.598	ng	# 83
55) Dibenzofuran	15.19	168	664187	49.181	ng	98
56) 4-Nitrophenol	14.98	139	190065	95.391	ng	95
57) 2,4-Dinitrotoluene	15.14	165	183365	60.171	ng	99
58) Fluorene	15.83	166	543307	49.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	195271	57.603	ng	99
60) Diethylphthalate	15.59	149	621588	51.270	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	320262	50.447	ng	97
62) 4-Nitroaniline	15.86	138	128539	50.007	ng	96
63) Azobenzene	16.11	77	623223	49.915	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	102909	54.617	ng	94
66) n-Nitrosodiphenylamine	16.03	169	514025	46.650	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	218117	46.746	ng	97
68) Hexachlorobenzene	16.82	284	232049	48.096	ng	99
69) Atrazine	16.97	200	191076	43.768	ng	97
70) Pentachlorophenol	17.17	266	296685	105.087	ng	97
71) Phenanthrene	17.58	178	985588	48.858	ng	99
72) Anthracene	17.66	178	997284	49.183	ng	99
73) Carbazole	17.93	167	901832	48.817	ng	100
74) Di-n-butylphthalate	18.47	149	1086506	48.727	ng	98
75) Fluoranthene	19.57	202	1263514	50.262	ng	100
77) Benzidine	19.76	184	65634	6.481	ng	98
78) Pyrene	19.94	202	1245467	53.724	ng	98
80) Butylbenzylphthalate	20.81	149	507429	56.159	ng	98
81) Benzo(a)anthracene	21.80	228	1224132	52.365	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	223127	26.779	ng	98
83) Chrysene	21.87	228	1187335	53.406	ng	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	696656	53.412	ng	98
85) Di-n-octyl phthalate	22.95	149	1199438	54.604	ng	99
86) Indeno(1,2,3-cd)pyrene	29.08	276	1480839	55.091	ng	92
88) Benzo(b)fluoranthene	24.12	252	1282665	51.621	ng	99
89) Benzo(k)fluoranthene	24.19	252	1224325	52.761	ng	98
90) Benzo(a)pyrene	25.04	252	1233918	52.462	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	1217712	51.161	ng	98
92) Benzo(g,h,i)perylene	30.31	276	1235824	52.170	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

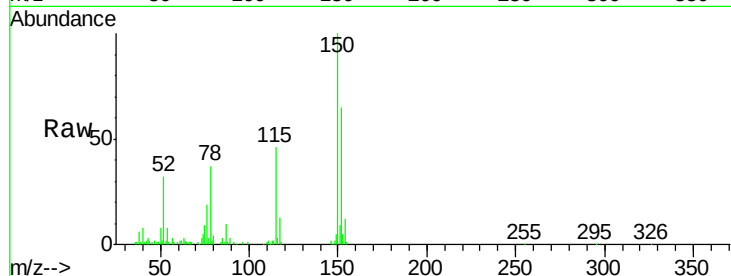
Tot Ion:152 Resp: 47600

Ion Ratio Lower Upper

152 100

150 154.3 120.2 180.2

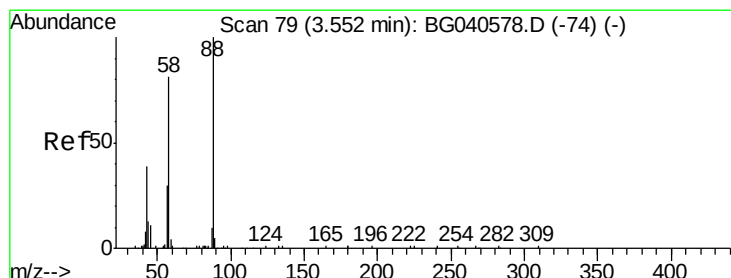
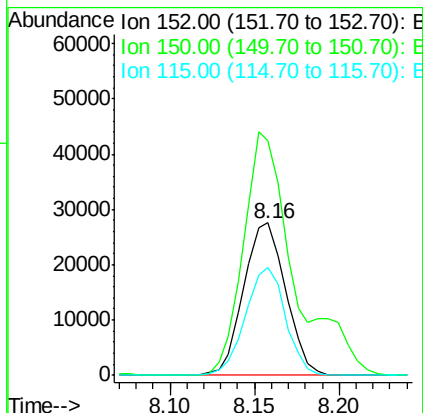
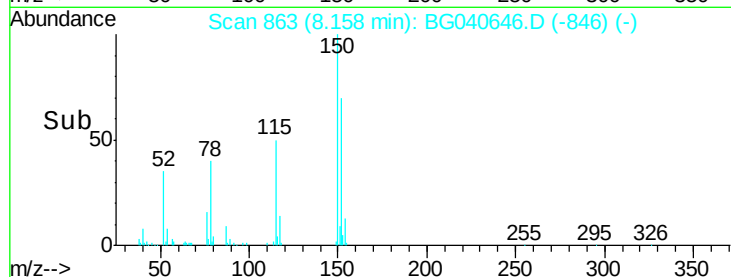
115 70.6 46.2 69.2#



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: 40.130 ng

RT: 3.56 min Scan# 81

Delta R.T. 0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

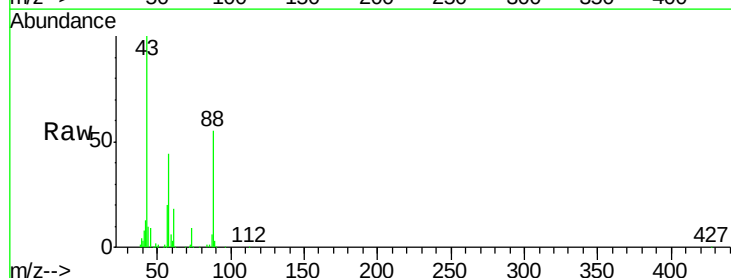
Tgt Ion: 88 Resp: 49282

Ion Ratio Lower Upper

88 100

58 84.6 71.2 106.8

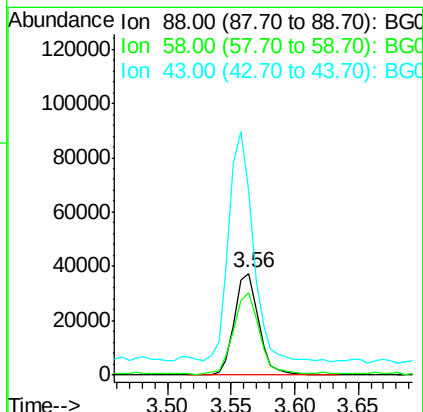
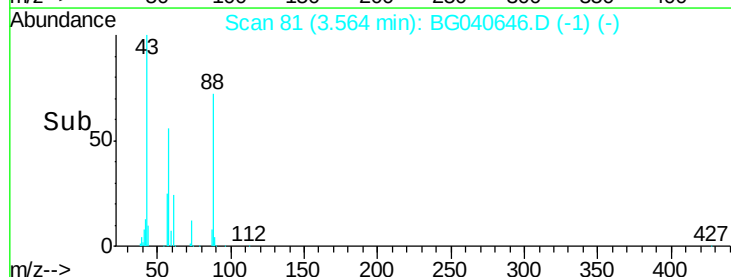
43 229.4 35.6 53.4#

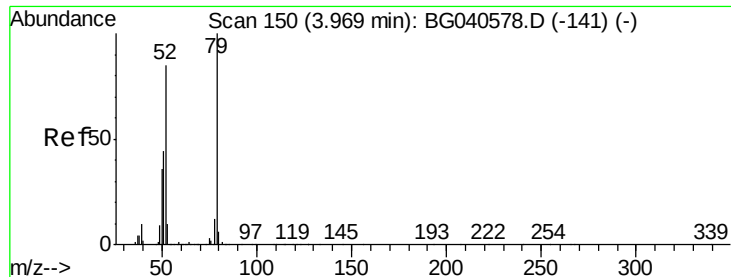


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.797 ng

RT: 3.97 min Scan# 150

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

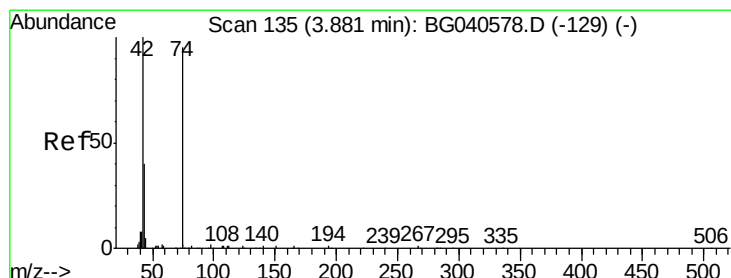
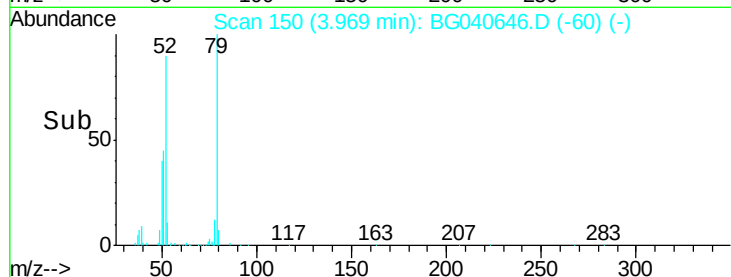
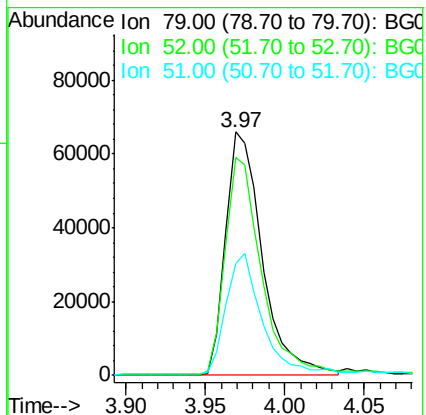
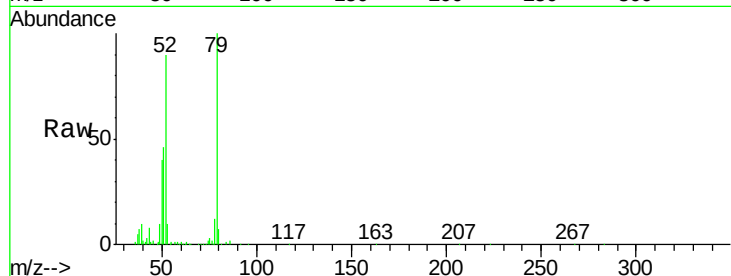
Tot Ion: 79 Resp: 106064

Ion Ratio Lower Upper

79 100

52 89.5 67.5 101.3

51 45.7 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 43.649 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

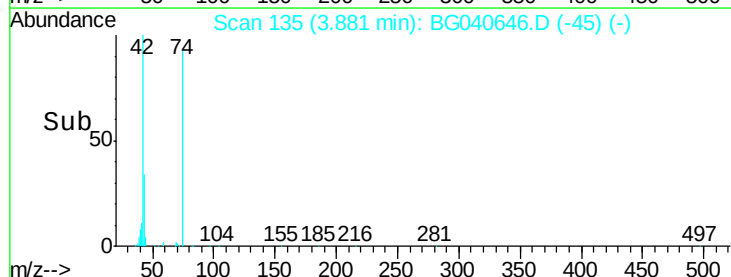
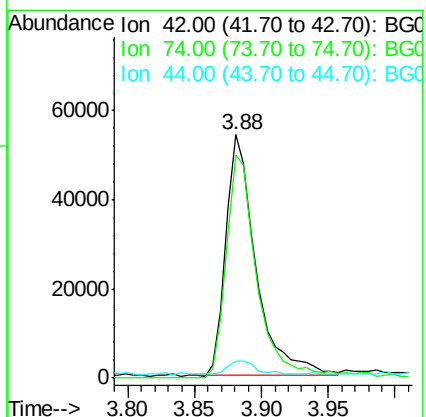
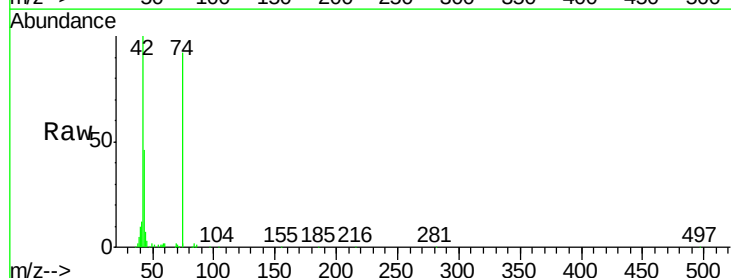
Tgt Ion: 42 Resp: 86178

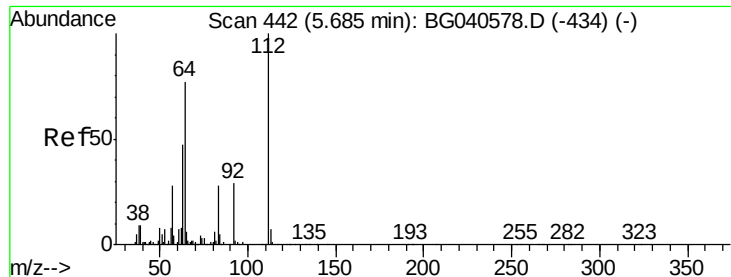
Ion Ratio Lower Upper

42 100

74 91.5 74.6 111.8

44 6.8 7.4 11.0#





#5

2-Fluorophenol

Concen: 138.174 ng

RT: 5.69 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

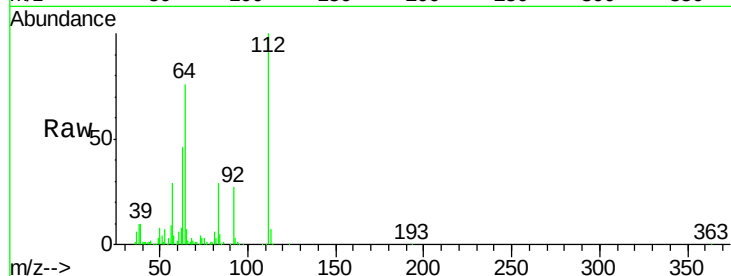
Tot Ion:112 Resp: 373113

Ion Ratio Lower Upper

112 100

64 76.1 61.4 92.0

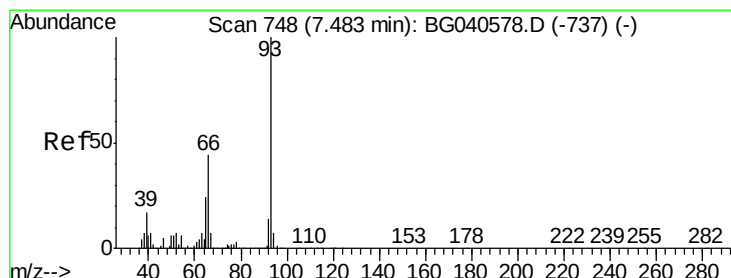
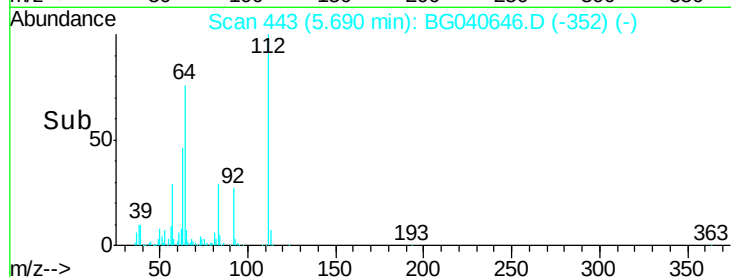
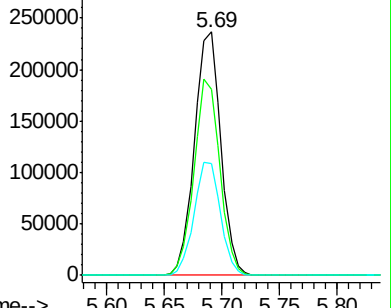
63 46.0 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.732 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

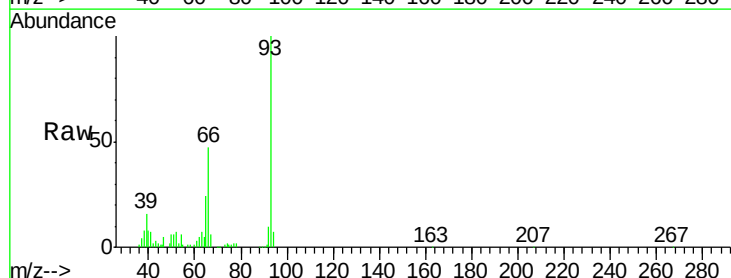
Tgt Ion: 93 Resp: 92208

Ion Ratio Lower Upper

93 100

66 46.9 35.5 53.3

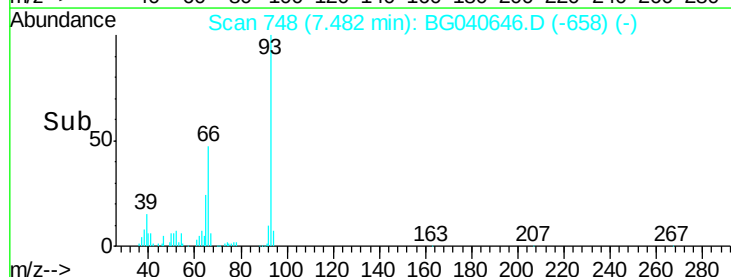
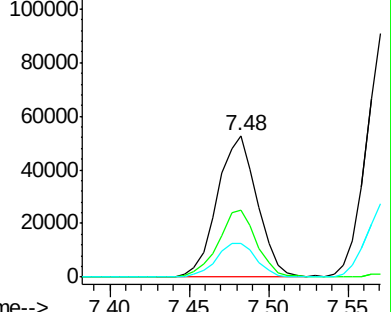
65 24.1 19.2 28.8

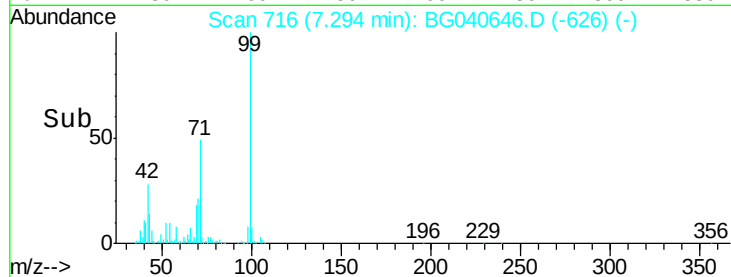
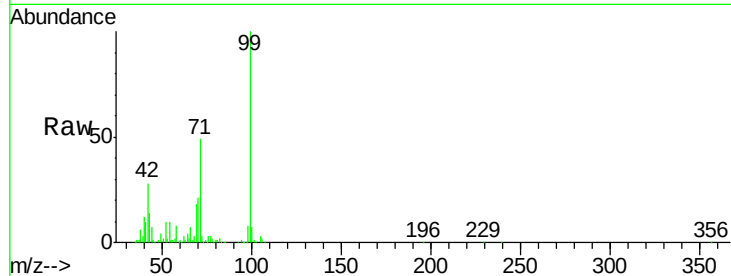
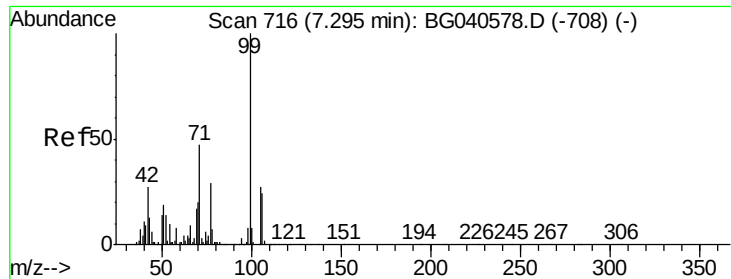


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.660 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

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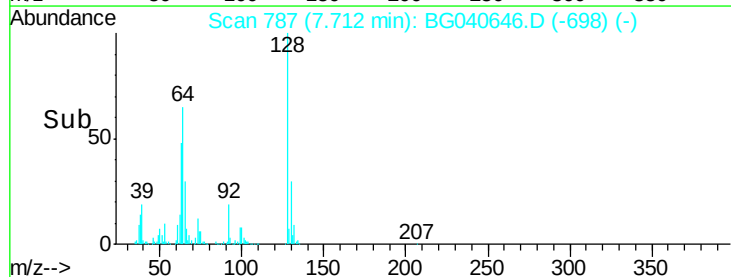
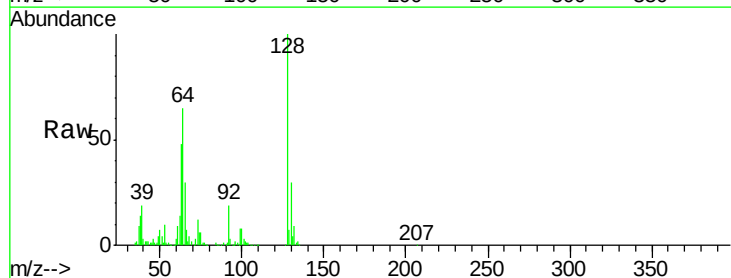
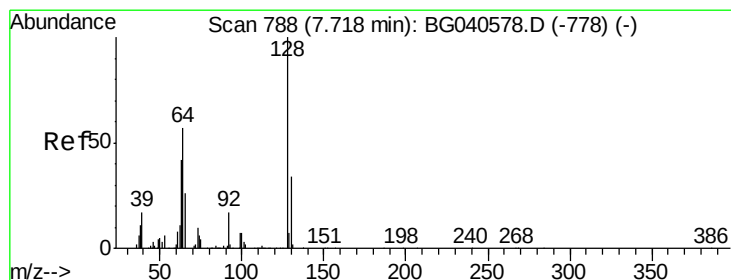
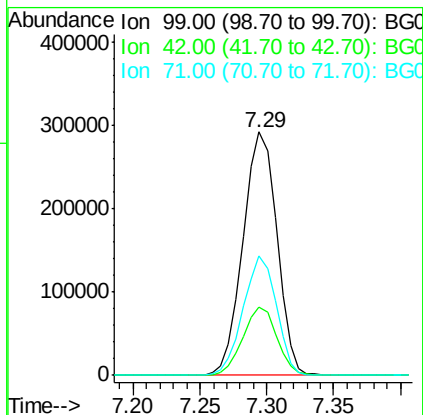
Tot Ion: 99 Resp: 514140

Ion Ratio Lower Upper

99 100

42 27.9 21.8 32.8

71 48.9 38.6 57.8



#8

2-Chlorophenol

Concen: 45.214 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

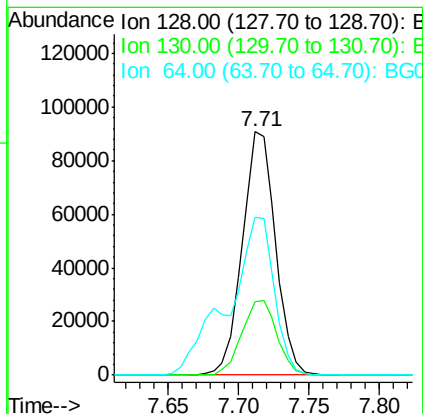
Tgt Ion: 128 Resp: 149078

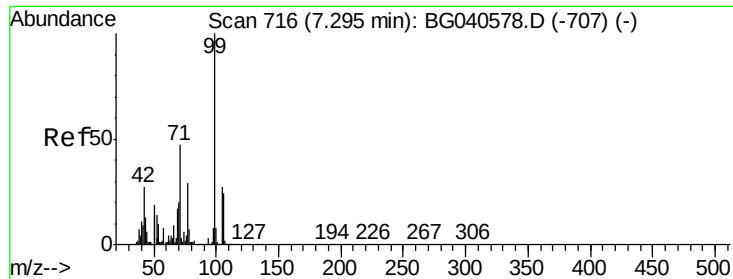
Ion Ratio Lower Upper

128 100

130 30.4 14.5 54.5

64 64.9 38.4 78.4





#9

Benzaldehyde

Concen: 3.294 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

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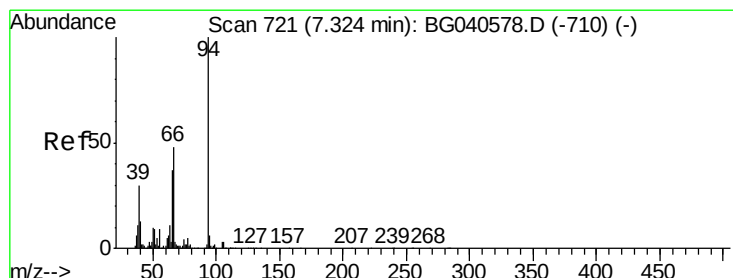
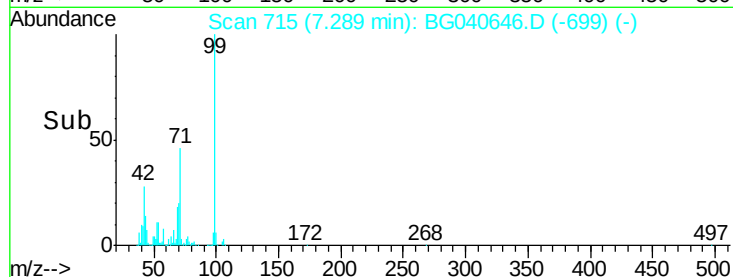
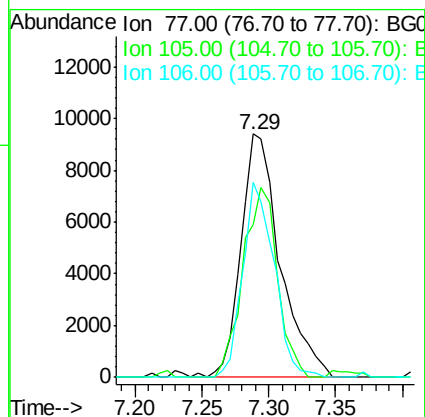
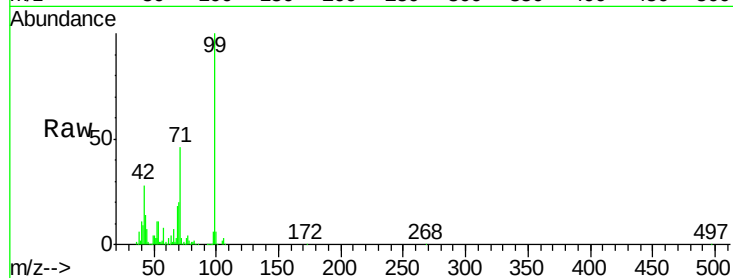
Tot Ion: 77 Resp: 19069

Ion Ratio Lower Upper

77 100

105 62.6 72.0 112.0#

106 80.3 61.2 101.2



#10

Phenol

Concen: 39.779 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

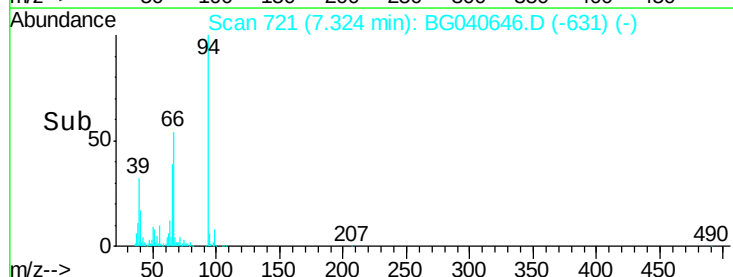
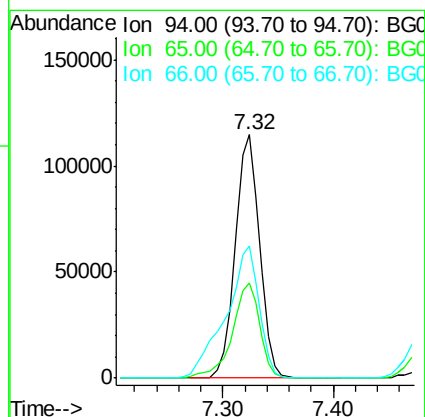
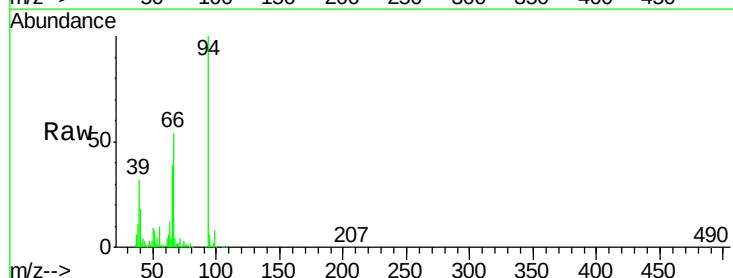
Tgt Ion: 94 Resp: 177783

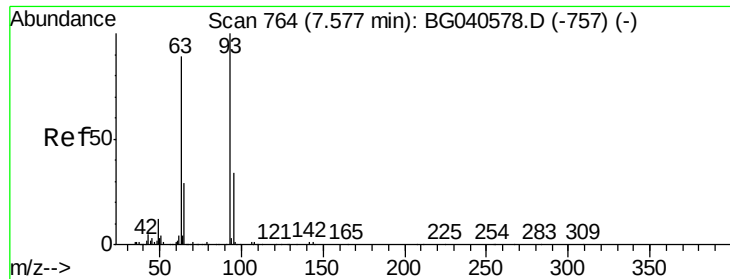
Ion Ratio Lower Upper

94 100

65 39.3 17.0 57.0

66 54.3 28.6 68.6

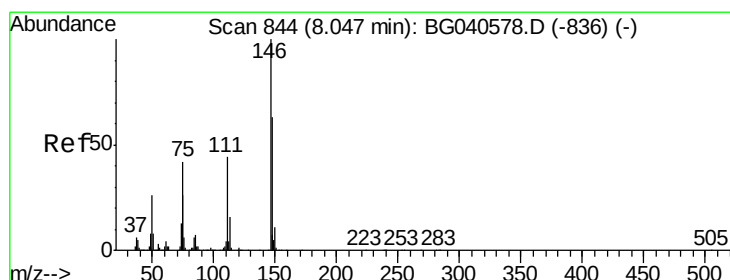
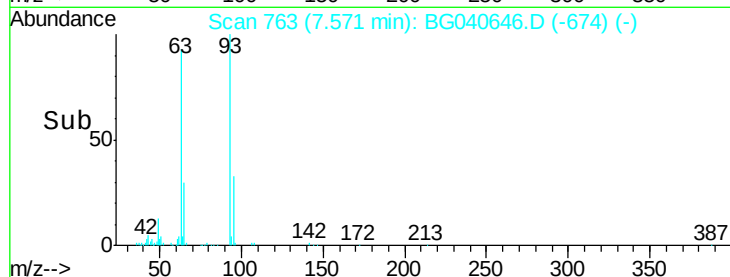
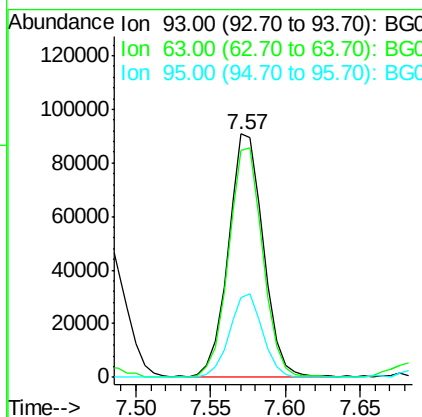
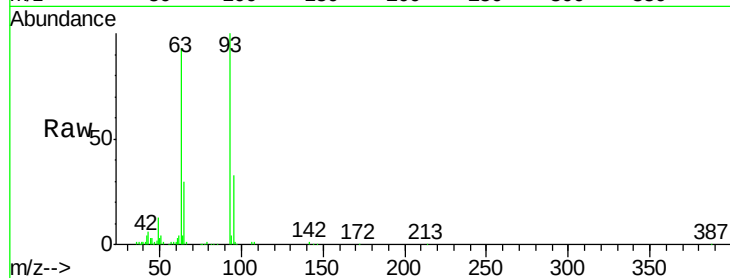




#11
bis(2-Chloroethyl)ether
Concen: 44.103 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

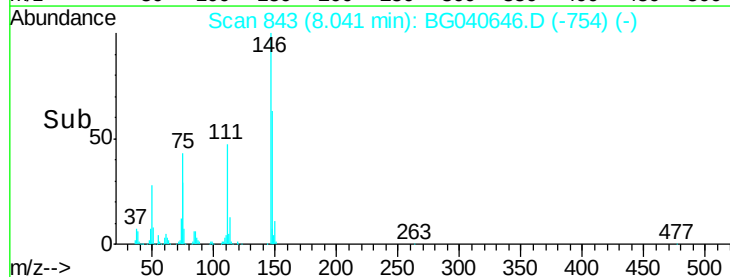
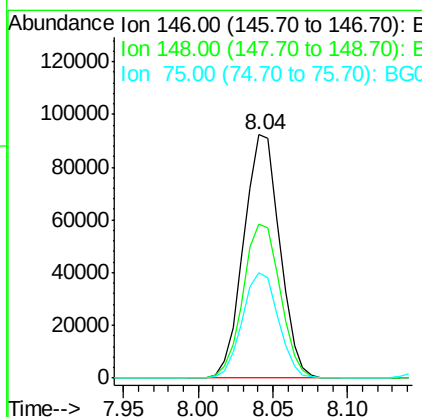
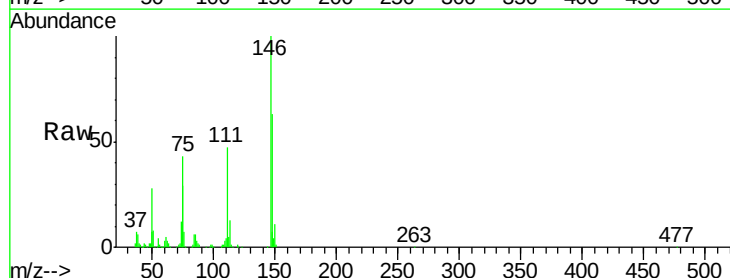
Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

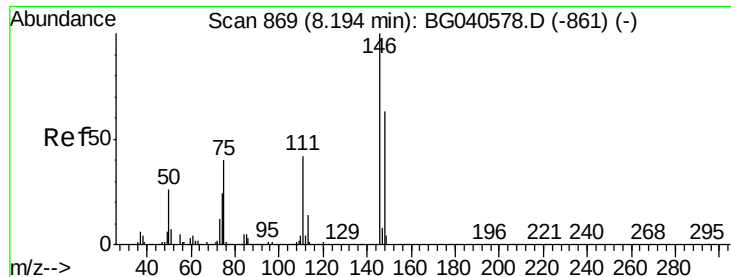
Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	93.4	68.2	108.2	
95	33.0	14.3	54.3	



#12
1,3-Dichlorobenzene
Concen: 42.882 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.5	50.7	76.1	
75	43.1	33.4	50.2	

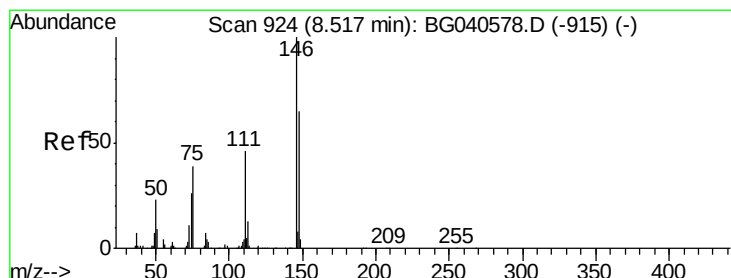
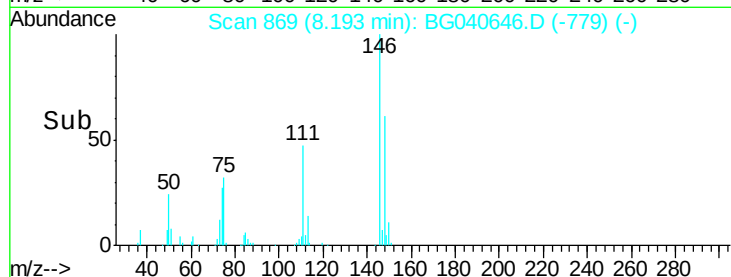
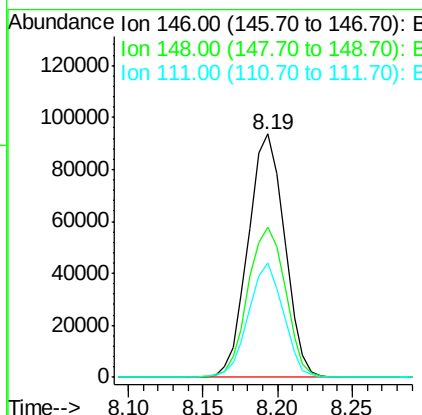
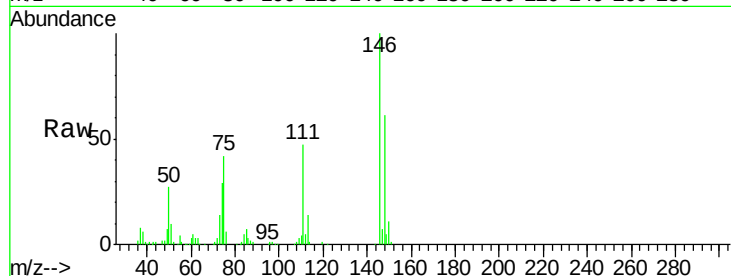




#13
 1,4-Dichlorobenzene
 Concen: 43.295 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

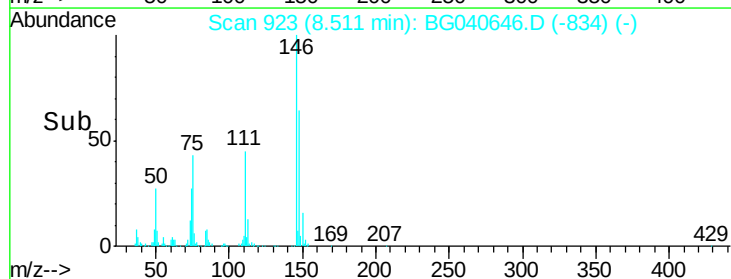
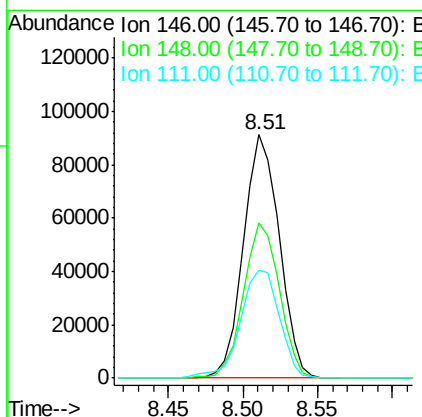
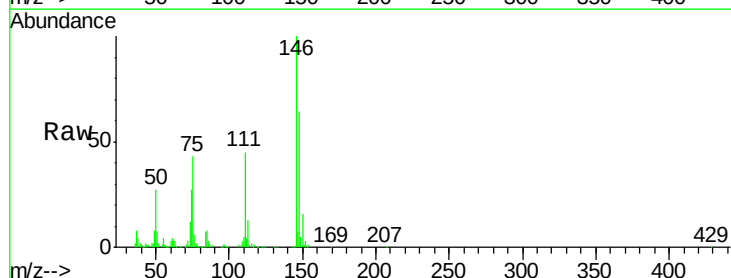
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMS

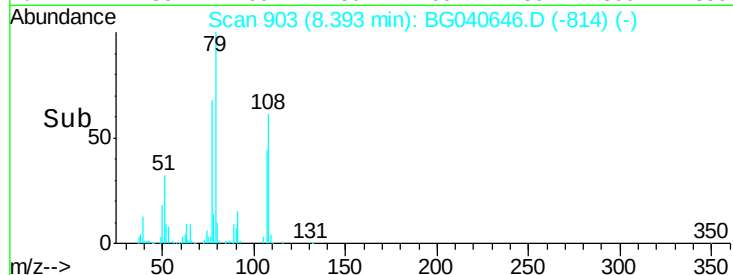
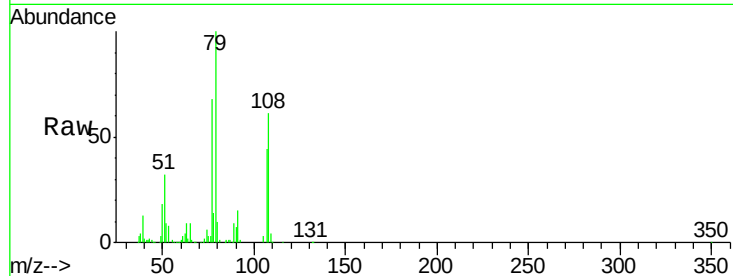
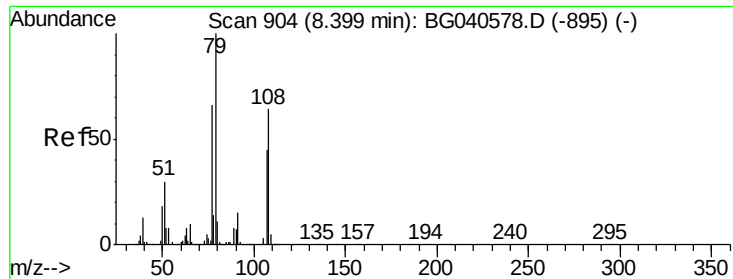
Tot Ion:146 Resp: 157949
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.6 75.8
 111 47.0 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 43.020 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

Tgt Ion:146 Resp: 151360
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.4
 111 44.5 37.4 56.0





#15

Benzyl Alcohol

Concen: 44.922 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

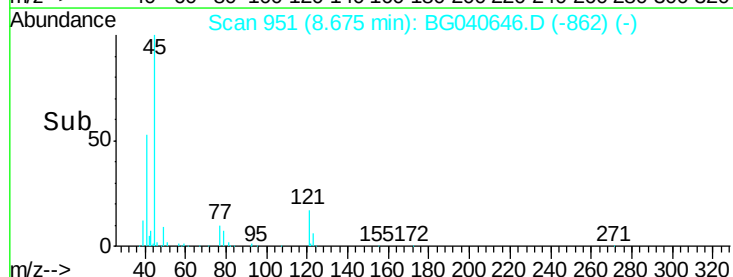
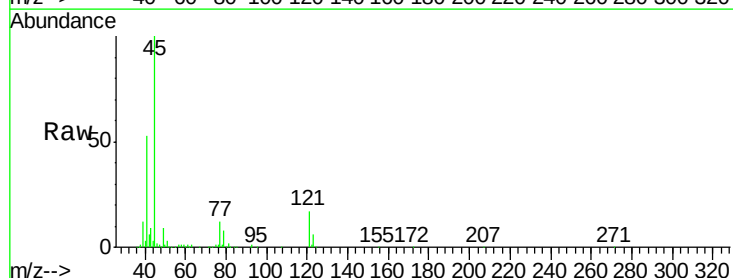
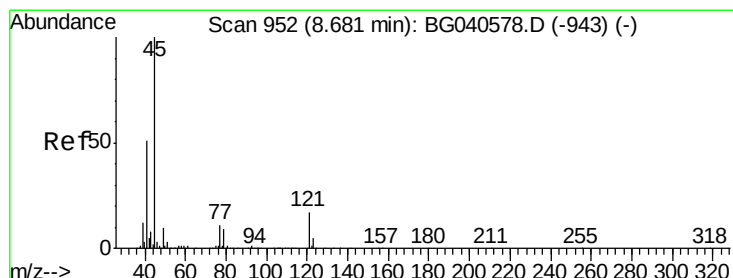
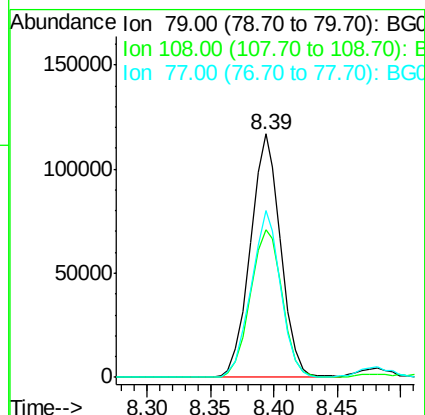
Tot Ion: 79 Resp: 194337

Ion Ratio Lower Upper

79 100

108 60.7 51.4 77.0

77 68.4 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.040 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

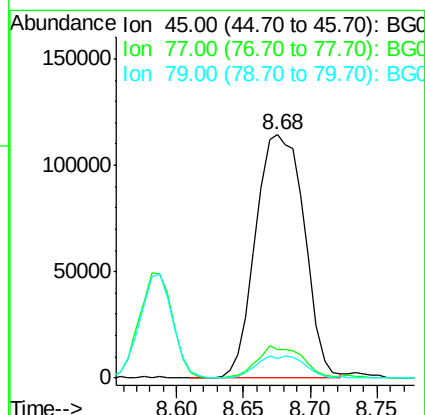
Tgt Ion: 45 Resp: 287187

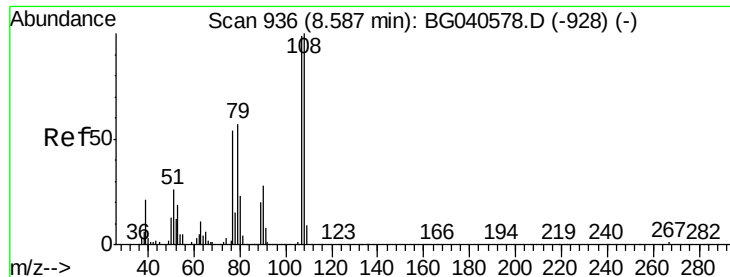
Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.5

79 8.1 0.0 29.4





#17

2-Methylphenol

Concen: 45.565 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

Tot Ion:107 Resp: 144117

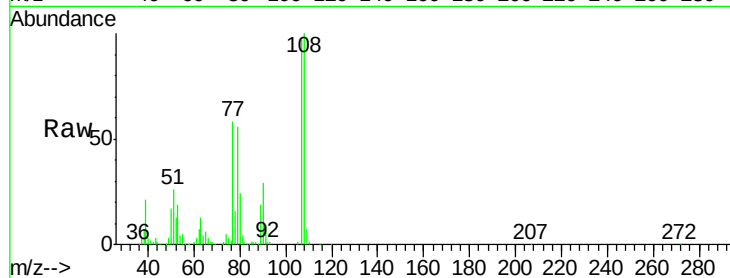
Ion Ratio Lower Upper

107 100

108 103.4 81.2 121.8

77 59.9 44.4 66.6

79 57.5 47.0 70.4

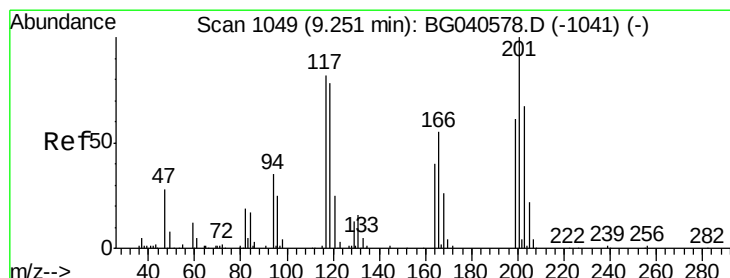
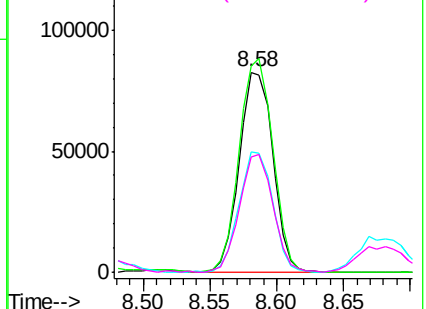
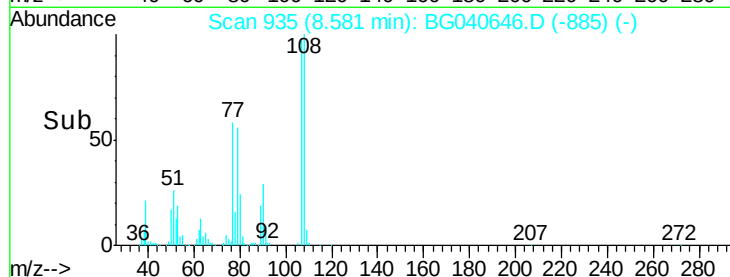


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.833 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

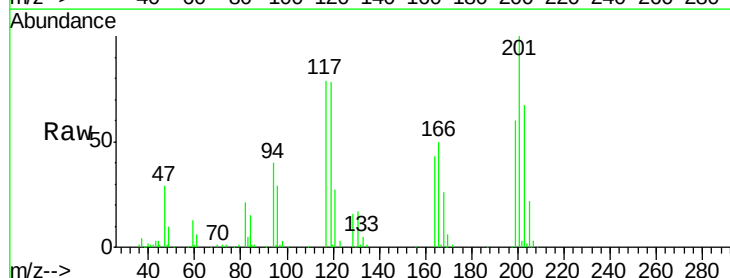
Tgt Ion:117 Resp: 62605

Ion Ratio Lower Upper

117 100

119 98.9 76.6 114.8

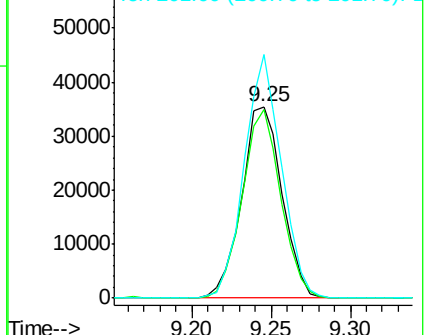
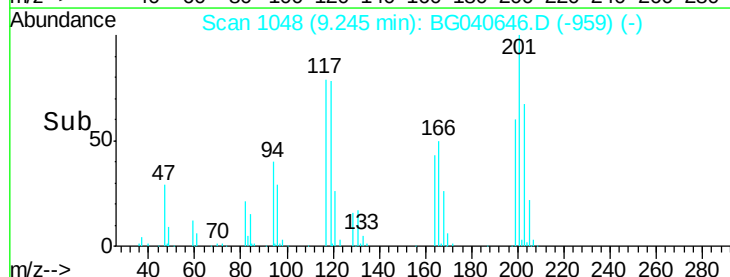
201 127.3 101.0 151.6

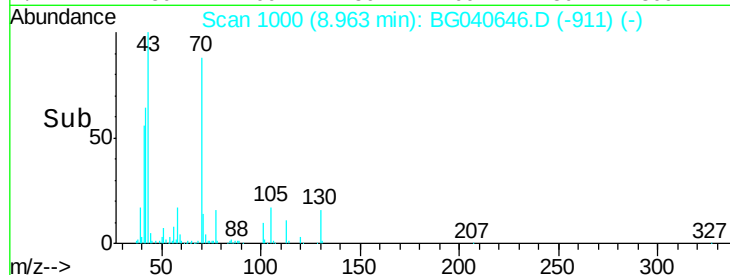
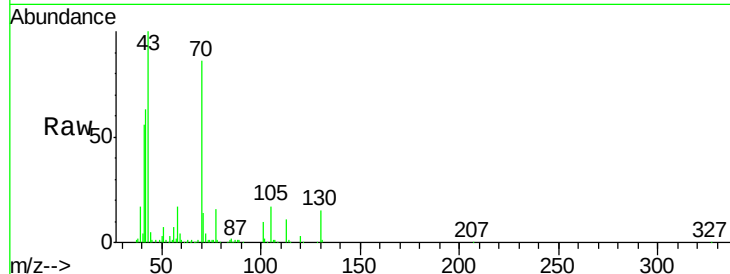
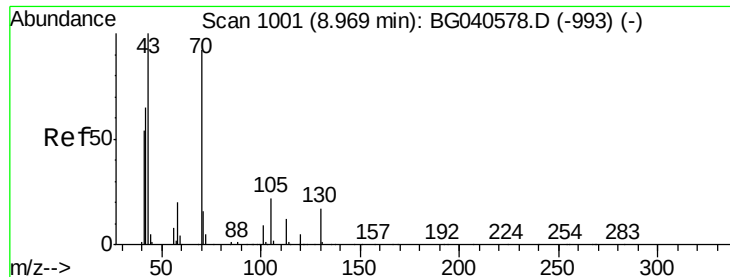


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

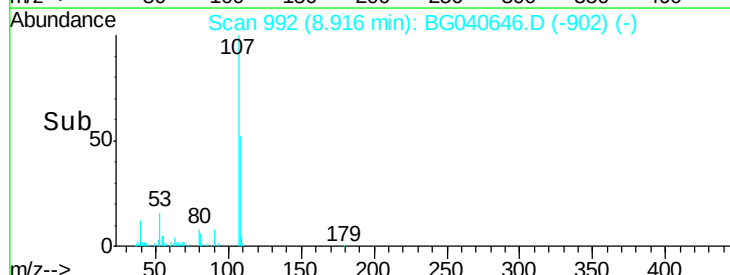
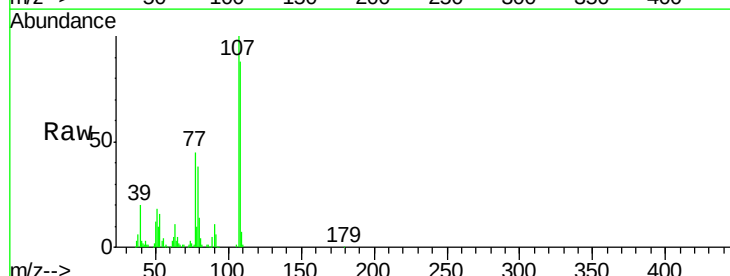
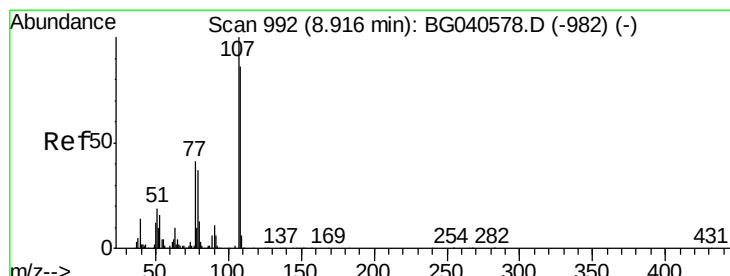
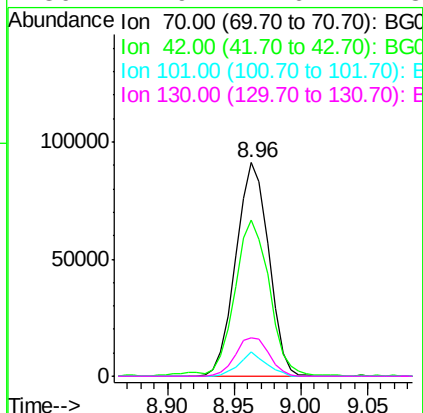




#19
n-Nitroso-di-n-propylamine
Concen: 41.533 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

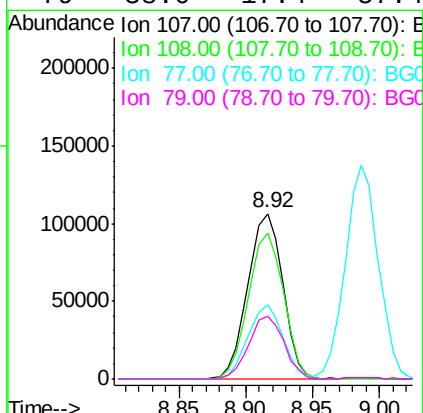
Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

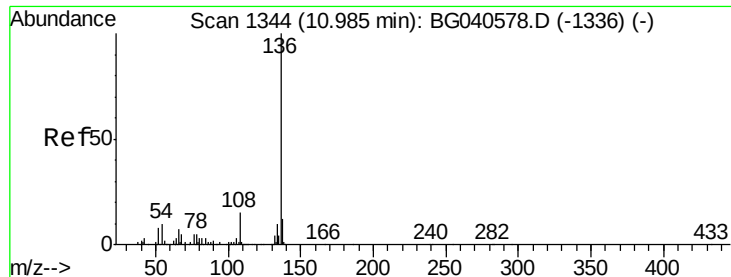
Tot Ion:	70	Resp:	155445
Ion	Ratio	Lower	Upper
70	100		
42	73.2	57.1	85.7
101	11.5	7.8	11.8
130	17.9	14.6	21.8



#20
3+4-Methylphenols
Concen: 44.040 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt Ion:	107	Resp:	194048
Ion	Ratio	Lower	Upper
107	100		
108	88.2	66.1	106.1
77	45.0	21.6	61.6
79	38.0	17.4	57.4

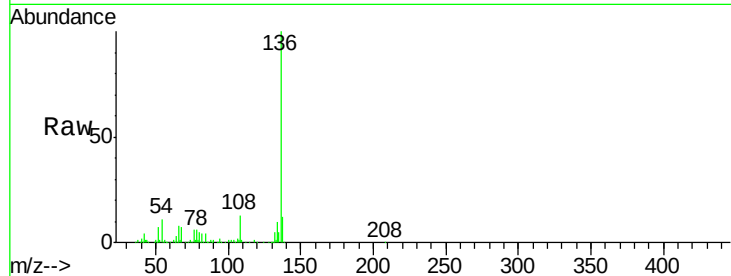




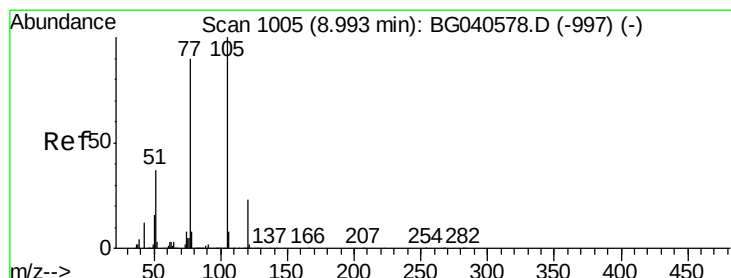
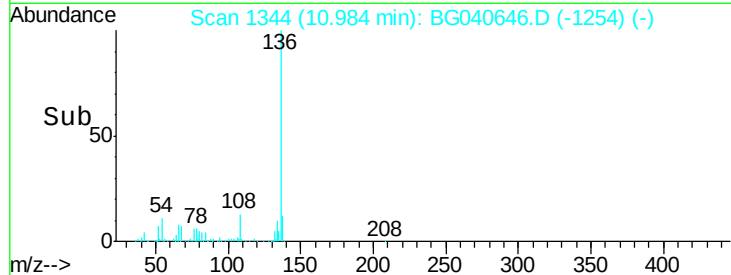
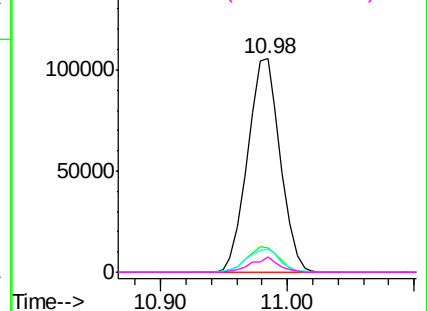
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

Tot Ion:136	Resp:	188250
Ion Ratio	Lower	Upper
136 100		
137 11.6	9.7	14.5
54 11.1	8.6	12.8
68 7.1	4.8	7.2

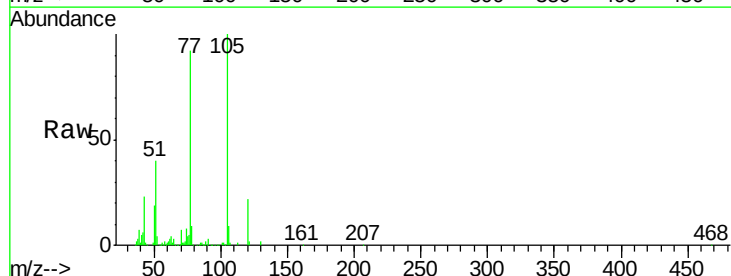


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

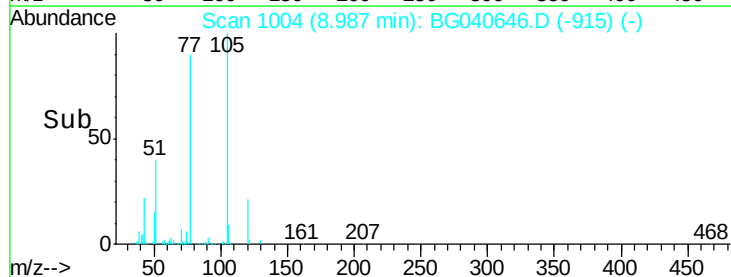
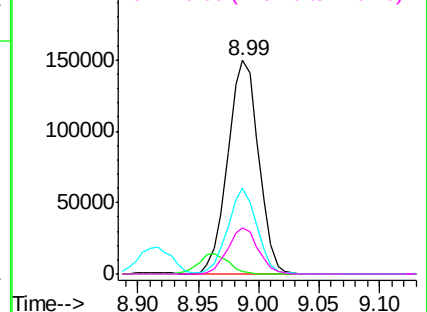


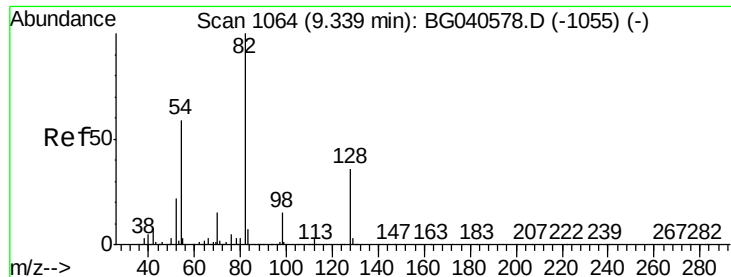
#22
Acetophenone
Concen: 50.467 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt	Ion:105	Resp:	264180
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.8	2.8#
51	40.3	29.8	44.8
120	21.6	18.4	27.6



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

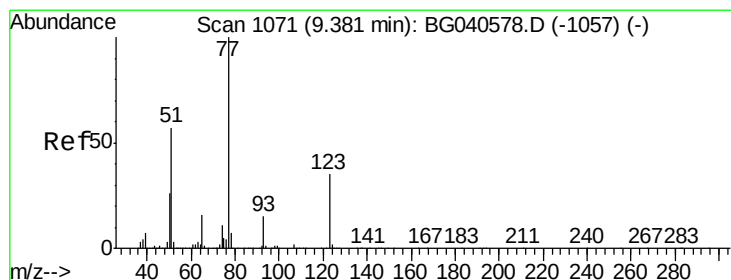
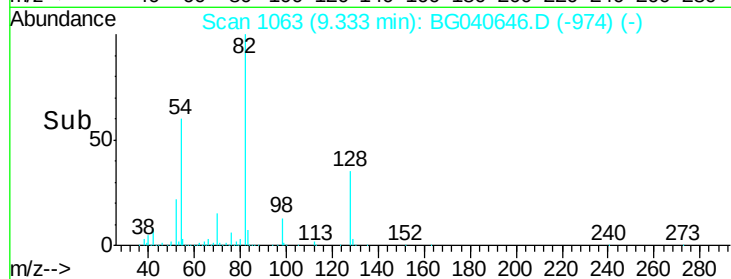
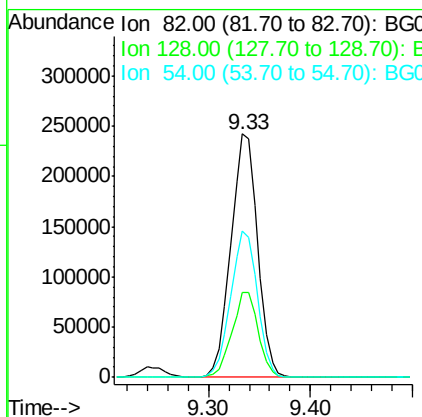
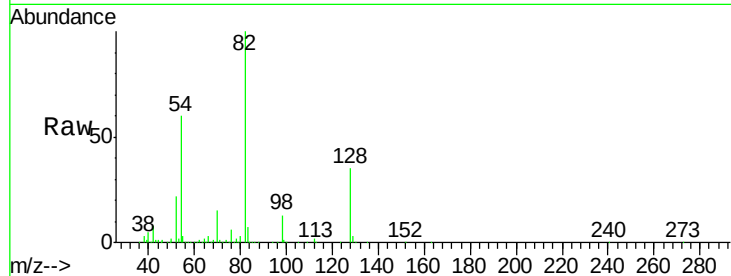




#23
 Nitrobenzene-d5
 Concen: 108.497 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

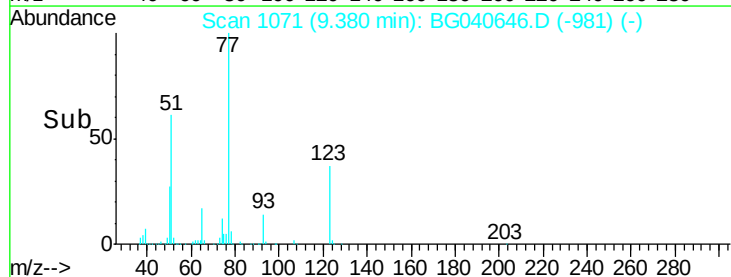
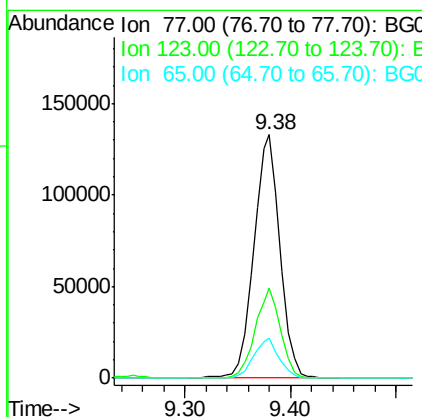
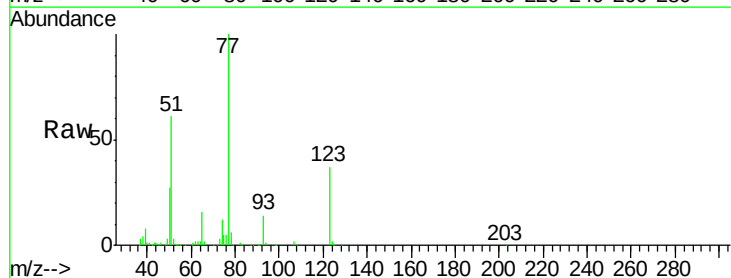
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMS

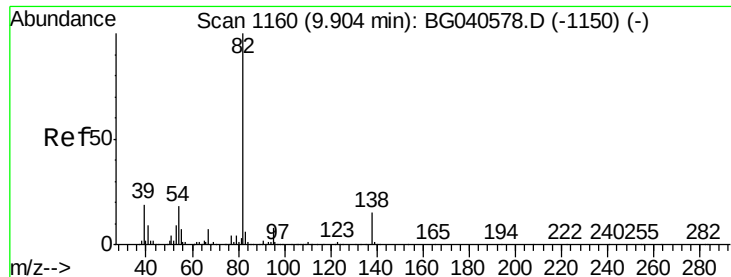
Tot Ion	82	Resp	442029
Ion Ratio	Lower	Upper	
82	100		
128	35.0	28.9	43.3
54	60.4	47.2	70.8



#24
 Nitrobenzene
 Concen: 52.459 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

Tgt Ion	77	Resp	228032
Ion Ratio	Lower	Upper	
77	100		
123	37.2	27.8	41.6
65	16.5	12.4	18.6





#25

Isophorone

Concen: 48.217 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

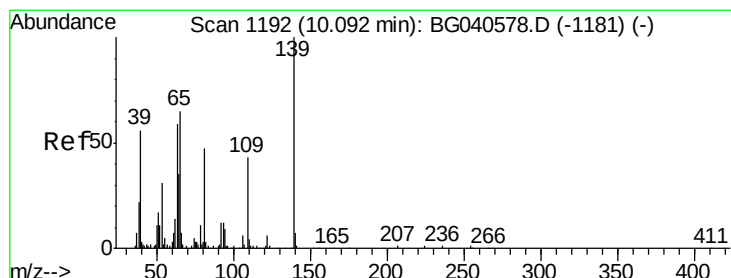
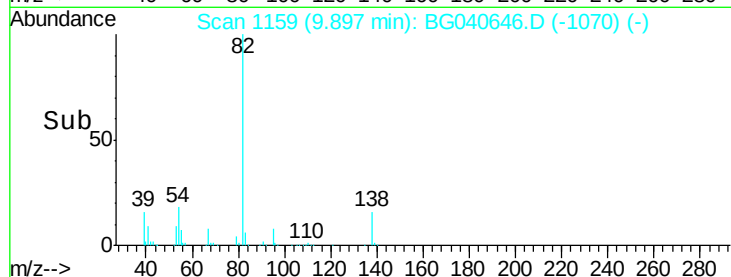
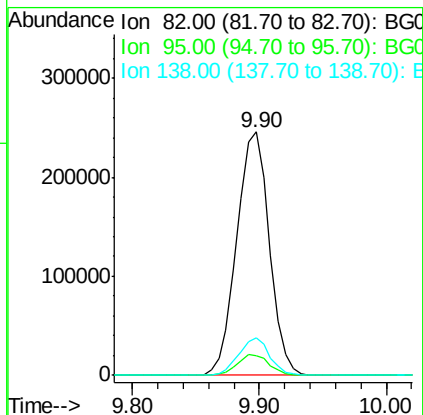
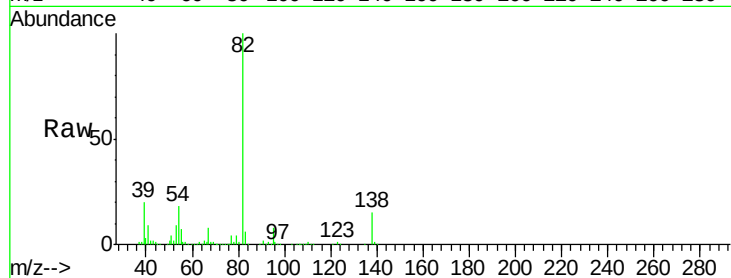
Tot Ion: 82 Resp: 437578

Ion Ratio Lower Upper

82 100

95 8.0 6.9 10.3

138 15.5 12.3 18.5



#26

2-Nitrophenol

Concen: 54.580 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

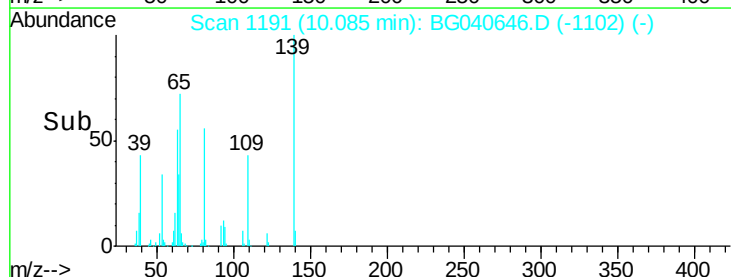
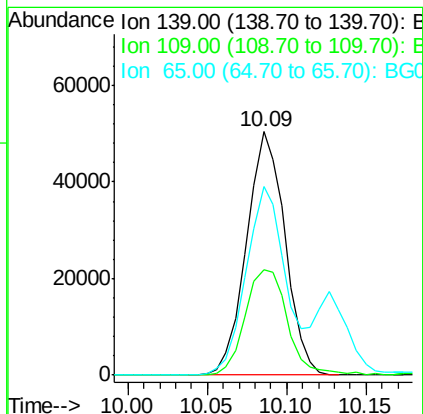
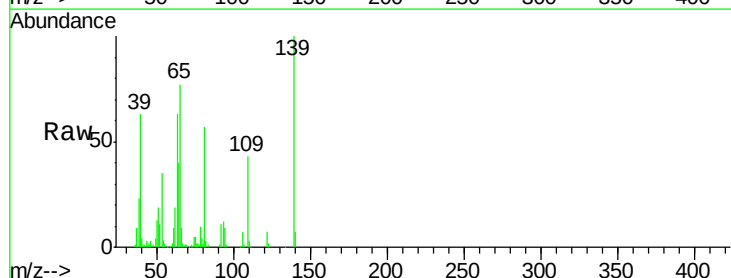
Tgt Ion: 139 Resp: 85045

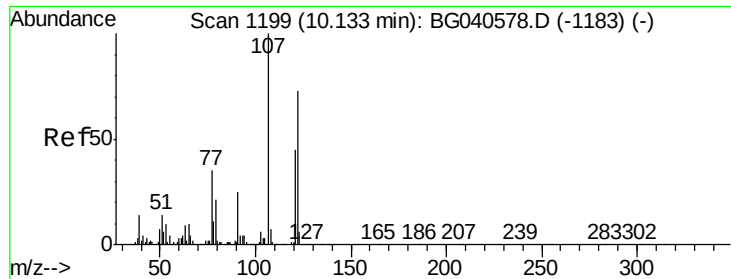
Ion Ratio Lower Upper

139 100

109 43.3 35.6 53.4

65 77.3 52.3 78.5





#27

2,4-Dimethylphenol

Concen: 58.472 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

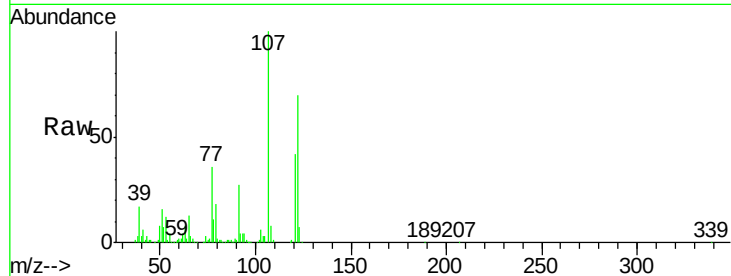
Tot Ion:122 Resp: 170944

Ion Ratio Lower Upper

122 100

107 143.1 110.1 165.1

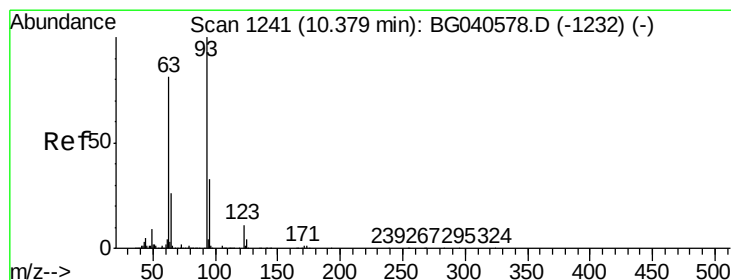
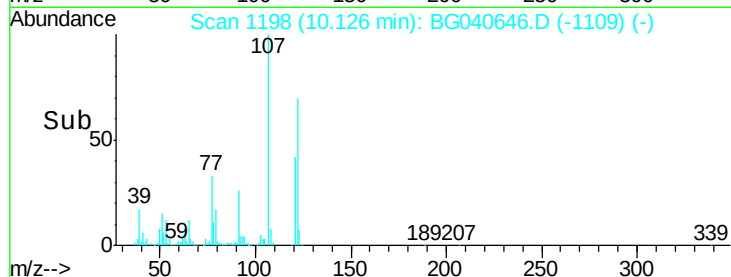
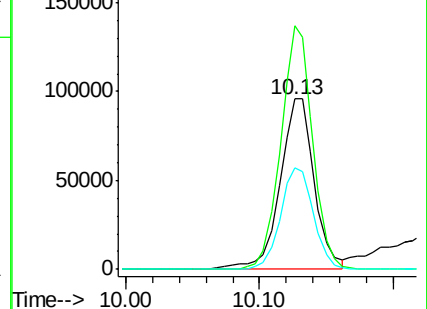
121 59.5 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.385 ng

RT: 10.38 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

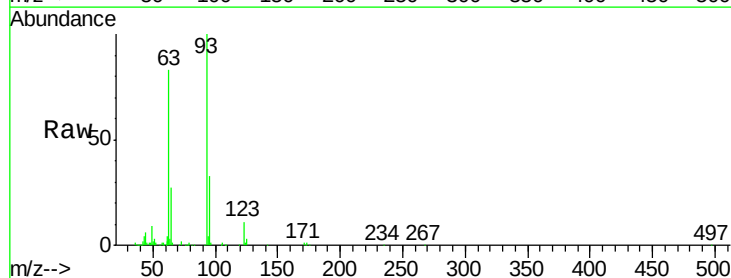
Tgt Ion: 93 Resp: 215750

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

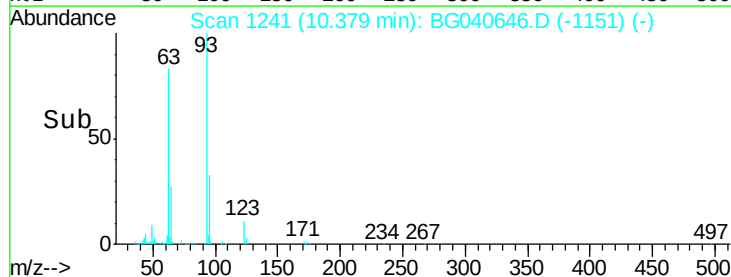
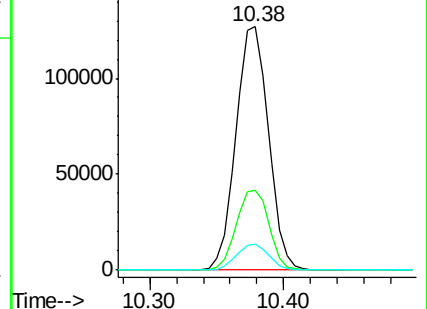
123 10.9 9.0 13.4

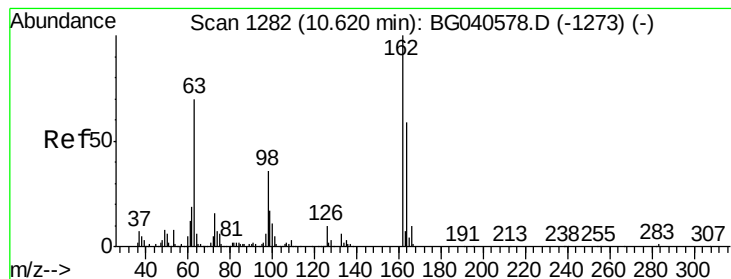


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 53.757 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

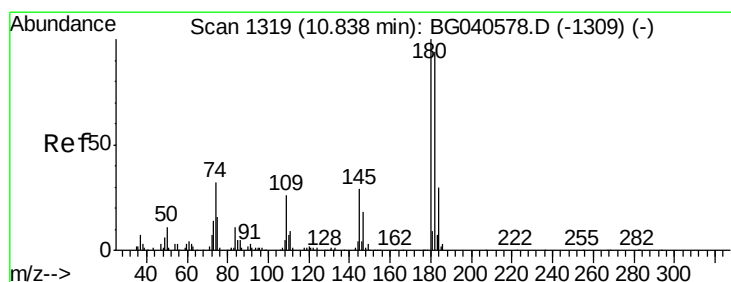
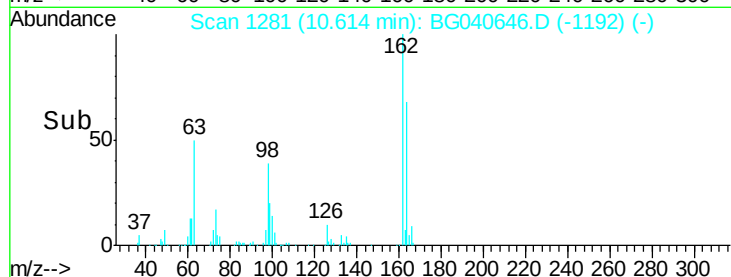
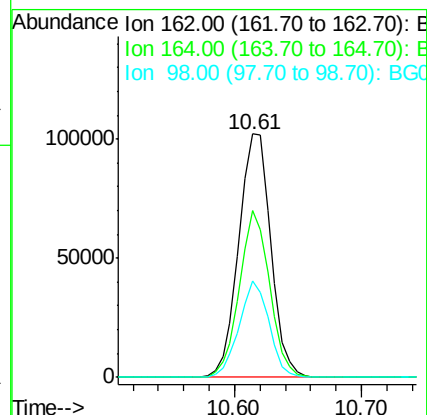
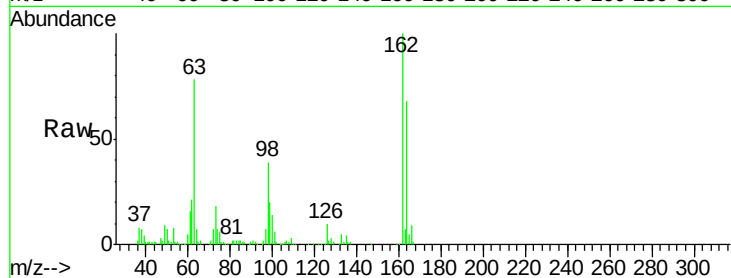
Tot Ion:162 Resp: 178672

Ion Ratio Lower Upper

162 100

164 68.4 38.9 78.9

98 39.5 16.8 56.8



#30

1,2,4-Trichlorobenzene

Concen: 48.802 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

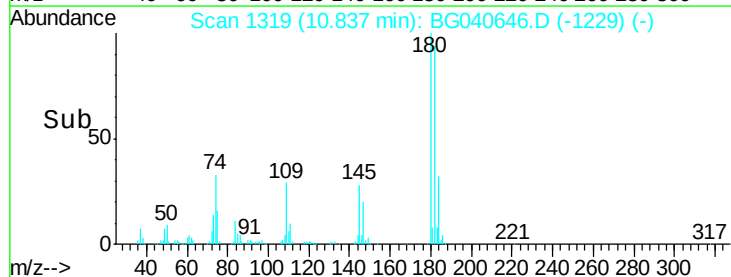
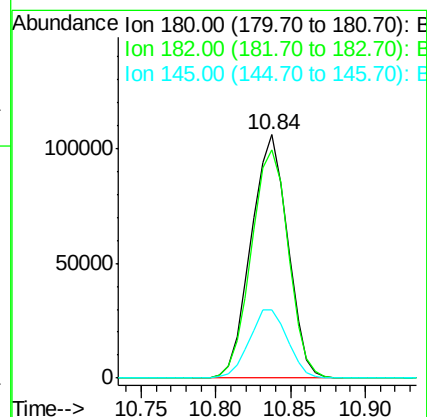
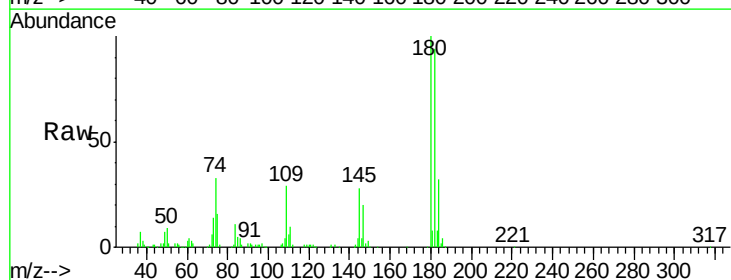
Tgt Ion:180 Resp: 179873

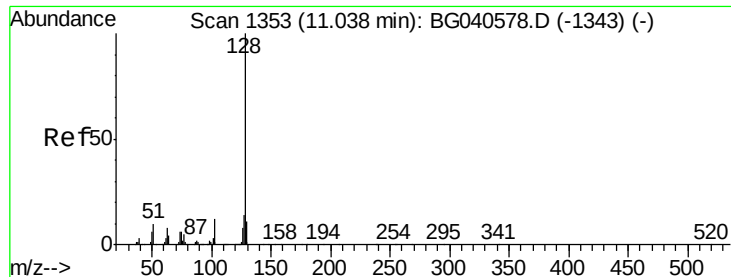
Ion Ratio Lower Upper

180 100

182 93.7 75.2 112.8

145 28.1 23.6 35.4

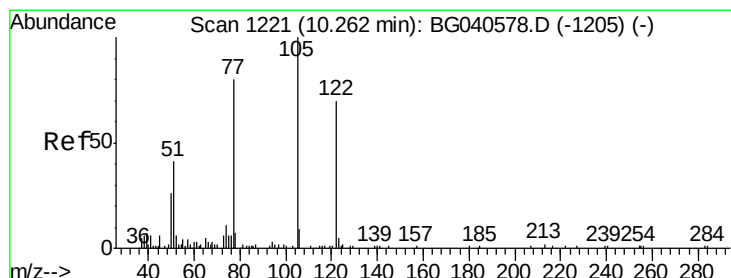
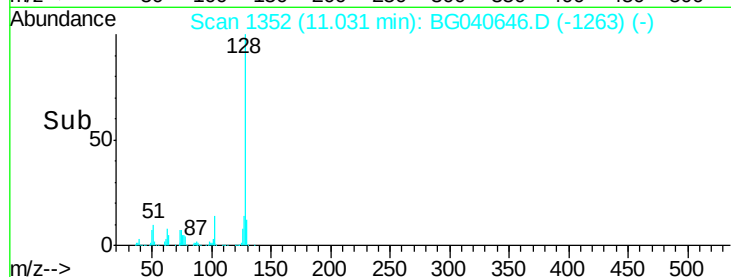
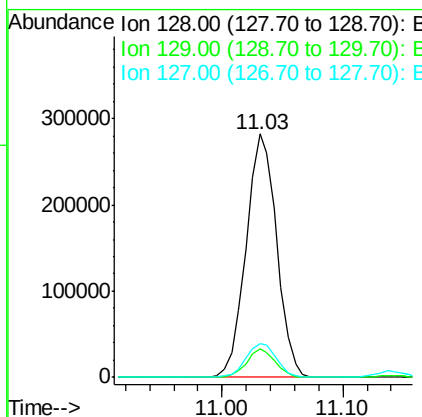
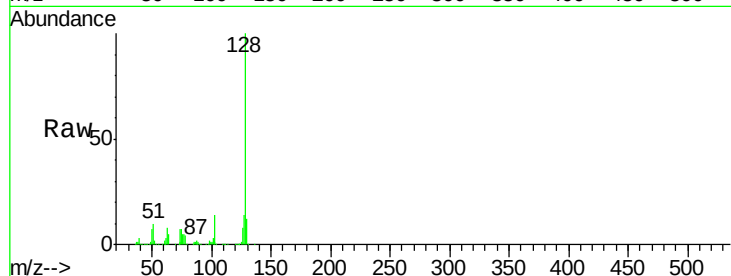




#31
Naphthalene
Concen: 49.742 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

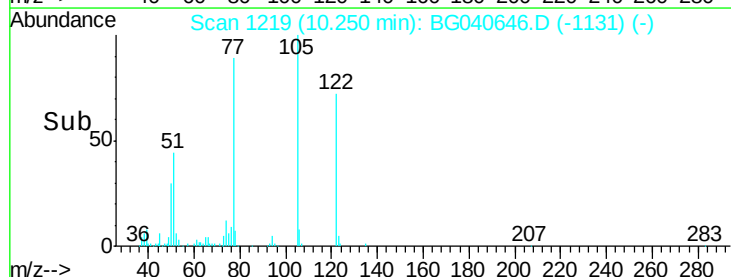
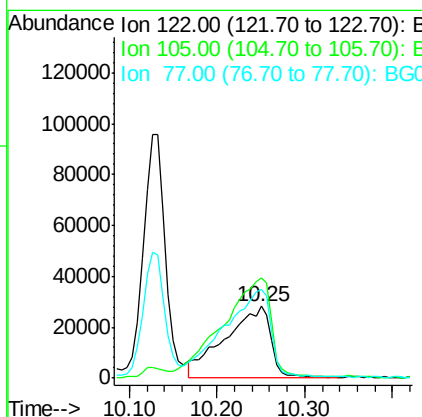
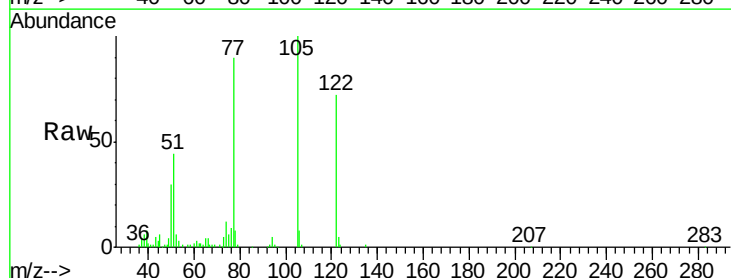
Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

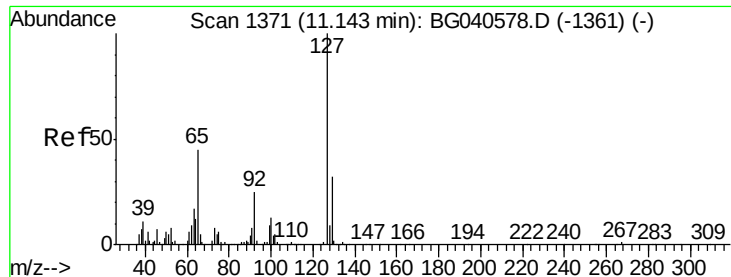
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.9	11.3	16.9



#32
Benzoic acid
Concen: 49.582 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.4	110.9	150.9
77	125.0	87.6	127.6

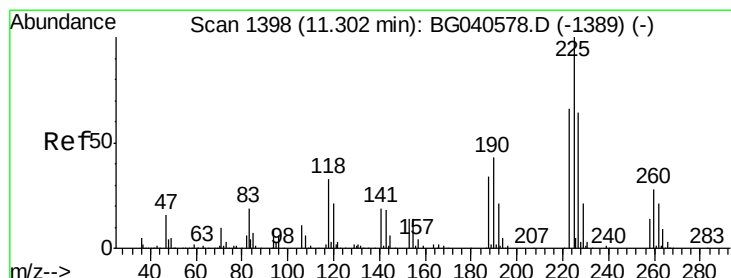
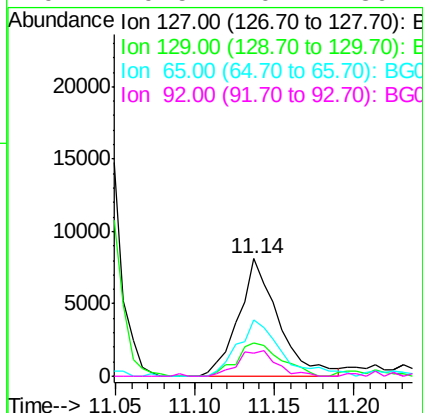
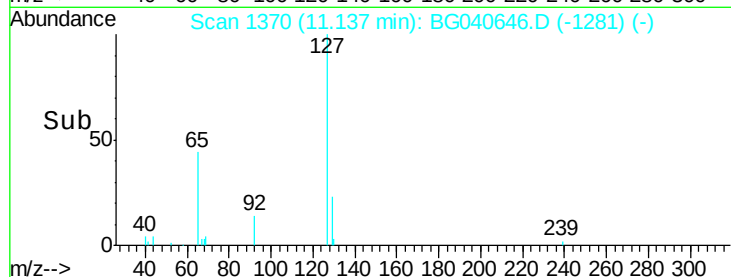
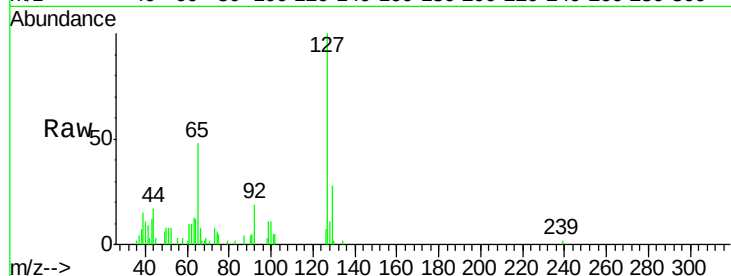




#33
4-Chloroaniline
Concen: 3.203 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

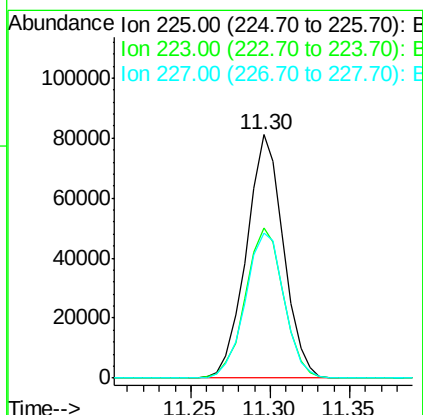
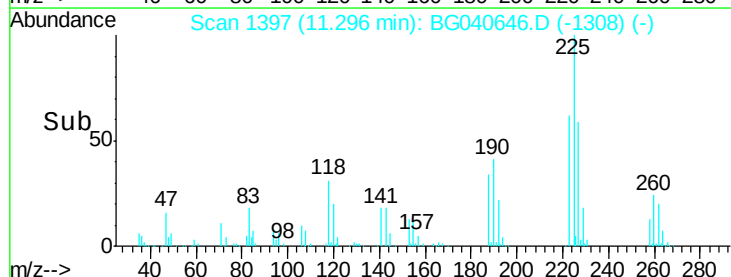
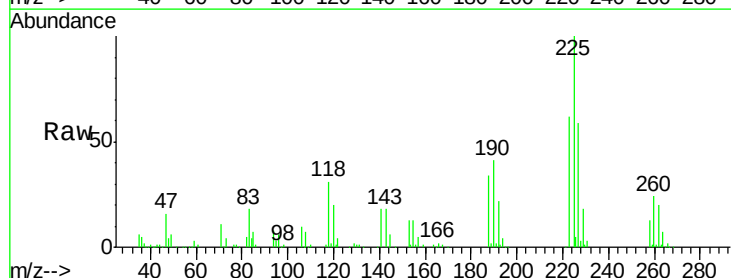
Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

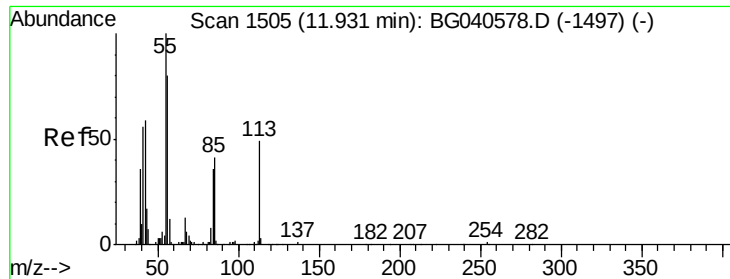
Tot Ion	Ratio	Lower	Upper
127	100		
129	27.9	25.7	38.5
65	47.7	36.1	54.1
92	19.5	20.1	30.1



#34
Hexachlorobutadiene
Concen: 48.279 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.4	75.6
227	59.4	51.0	76.6





#35

Caprolactam

Concen: 19.388 ng

RT: 11.92 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

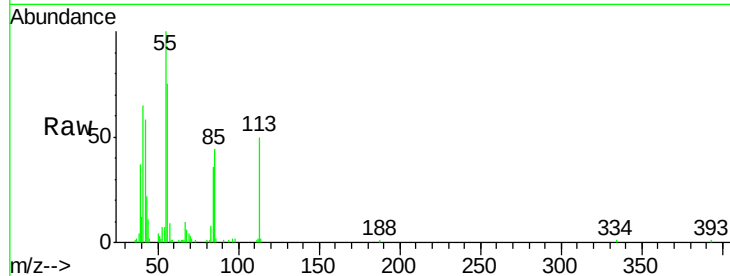
Tot Ion:113 Resp: 25441

Ion Ratio Lower Upper

113 100

55 198.8 198.6 238.6

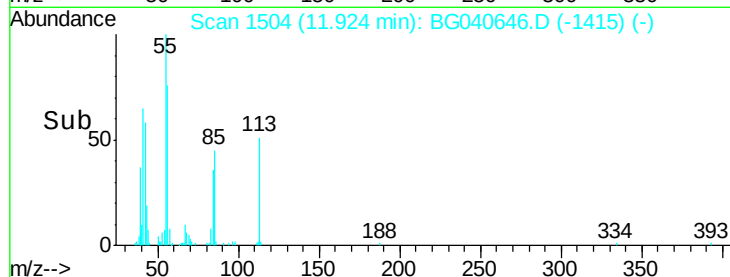
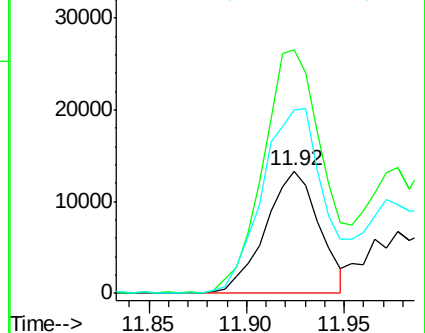
56 149.5 148.4 188.4



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: 51.883 ng

RT: 12.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

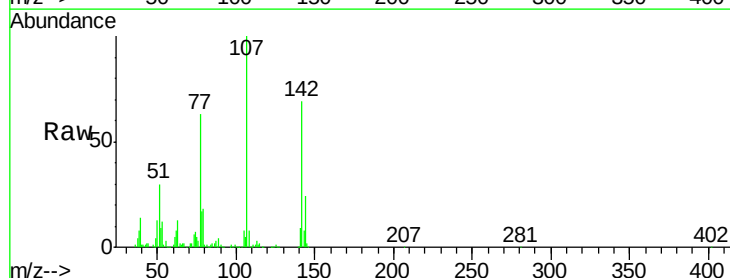
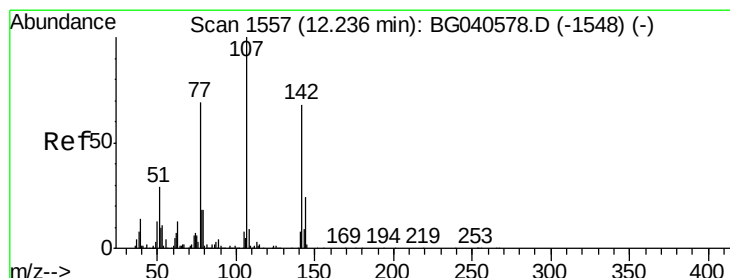
Tgt Ion:107 Resp: 217539

Ion Ratio Lower Upper

107 100

144 23.8 19.3 28.9

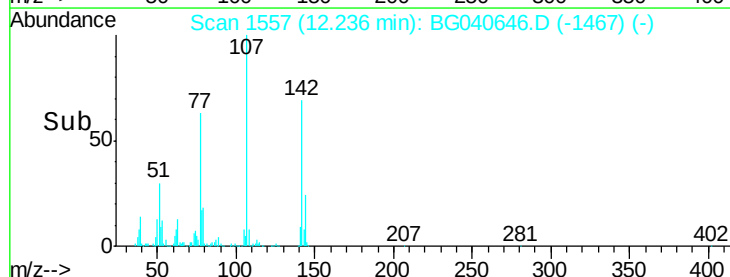
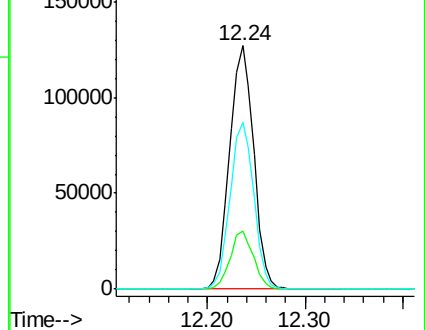
142 68.8 54.6 81.8

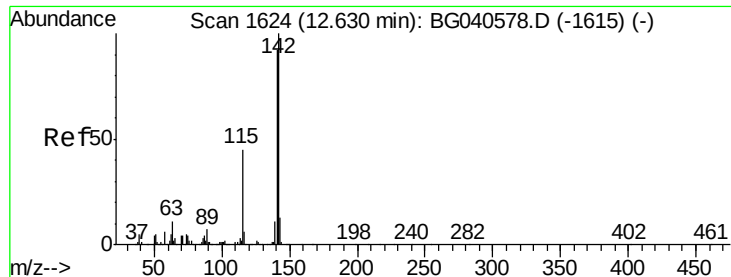


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

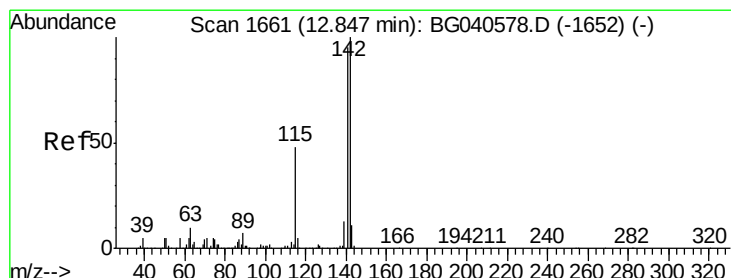
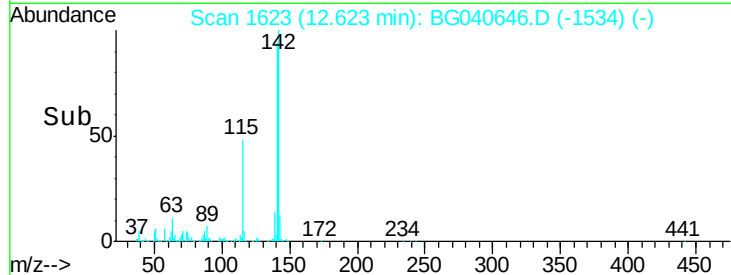
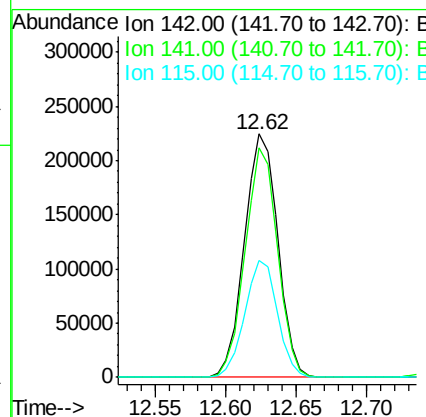
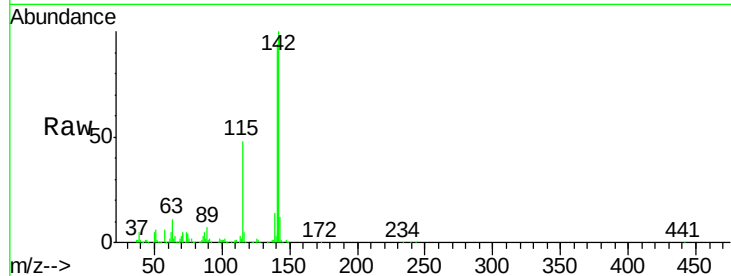




#37
 2-Methylnaphthalene
 Concen: 49.760 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

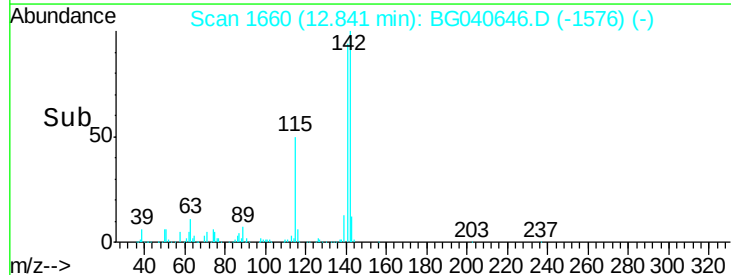
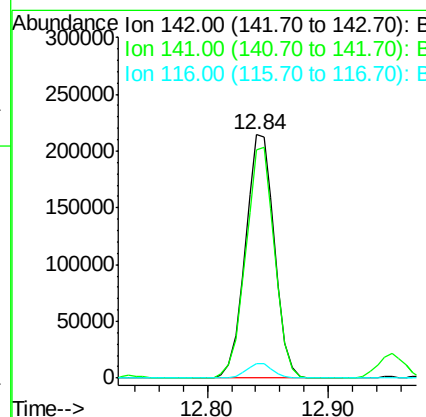
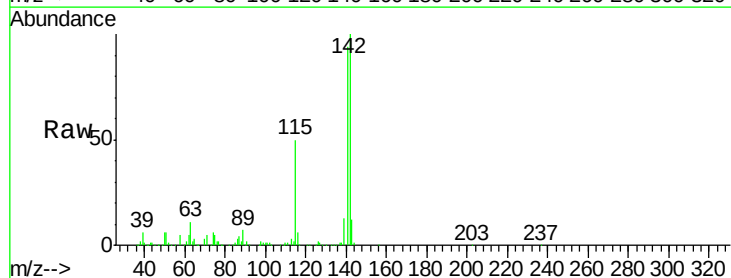
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMS

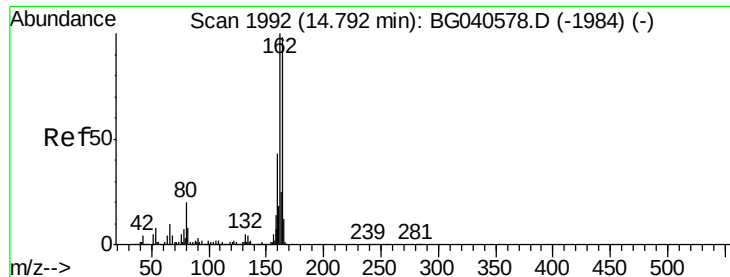
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.2	73.4	110.2
115	48.2	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 48.802 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.9	113.9
116	5.7	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

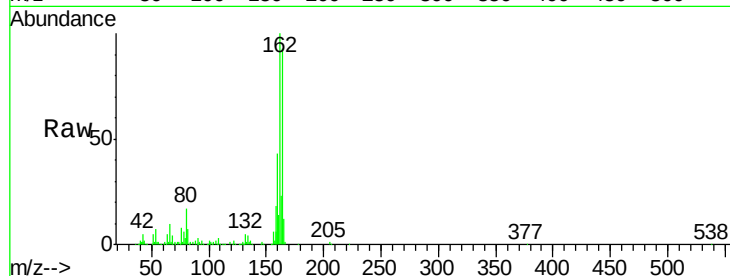
Tot Ion:164 Resp: 137338

Ion Ratio Lower Upper

164 100

162 107.8 81.9 122.9

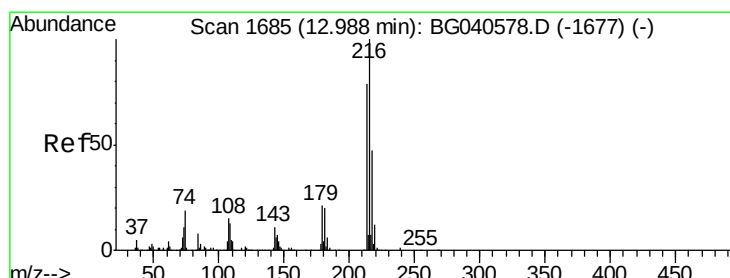
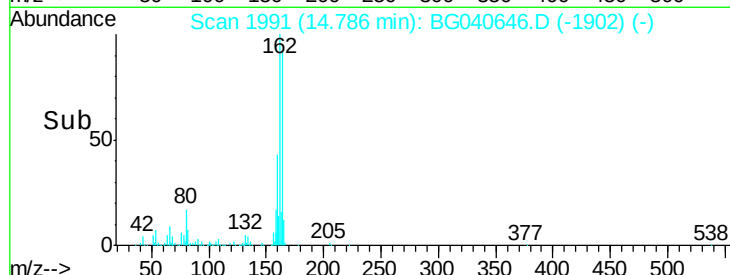
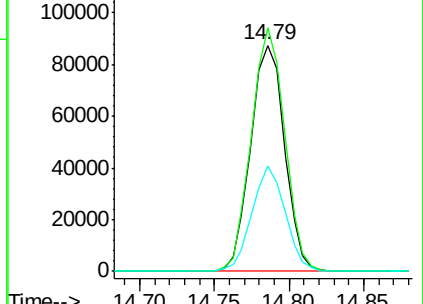
160 46.7 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.241 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Tgt Ion:216 Resp: 246809

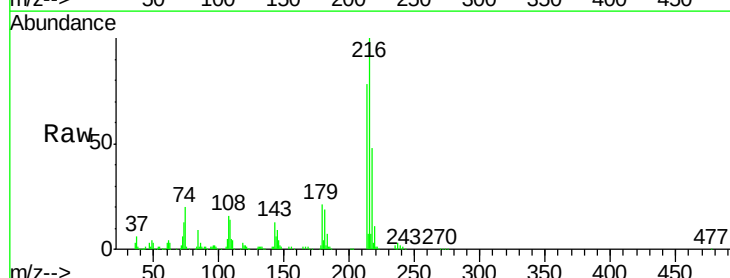
Ion Ratio Lower Upper

216 100

214 78.1 63.7 95.5

179 20.7 16.6 24.8

108 19.8 14.7 22.1

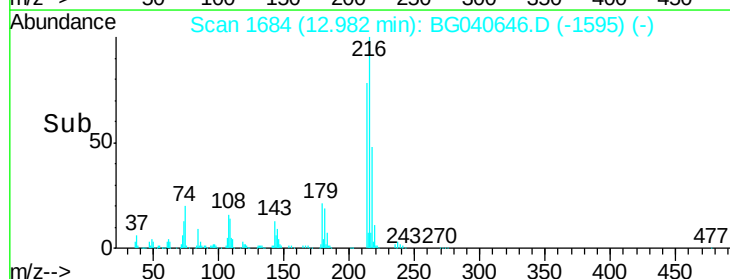
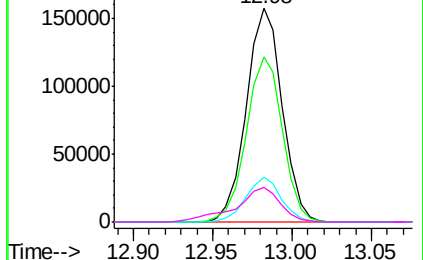


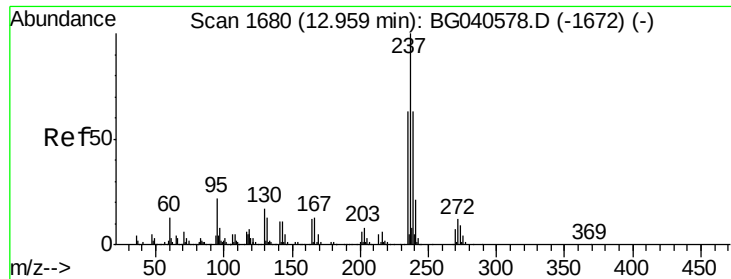
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

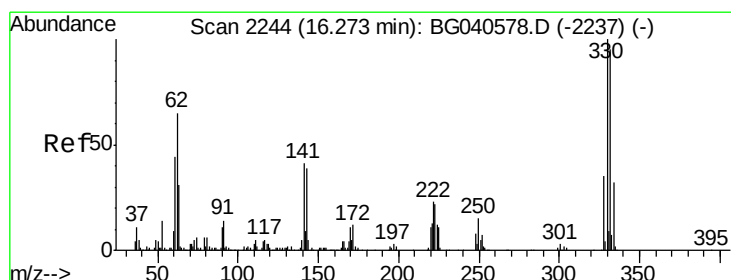
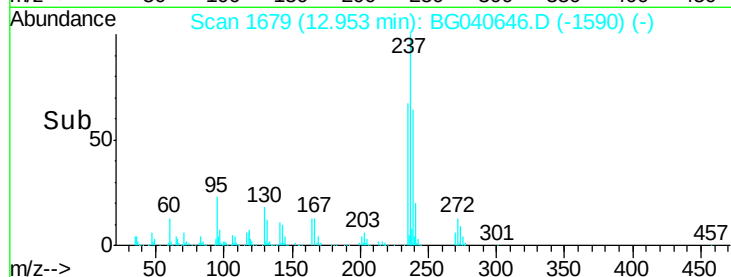
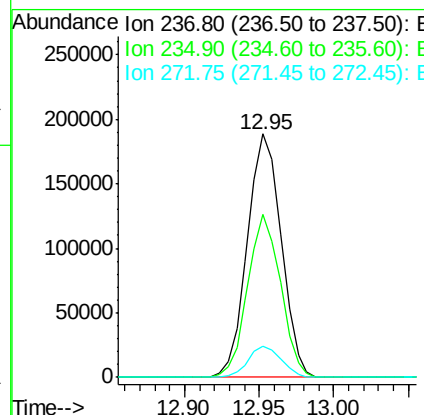
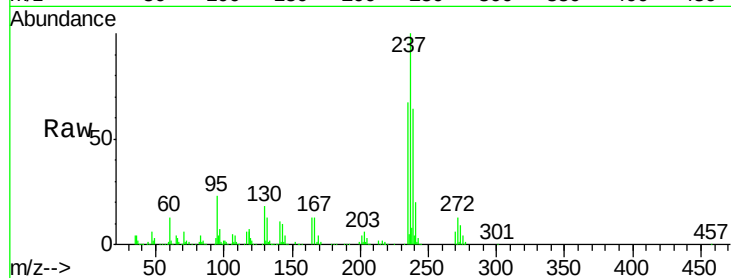




#41
Hexachlorocyclopentadiene
Concen: 98.088 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

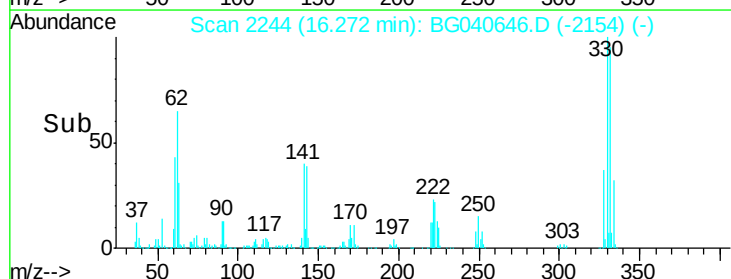
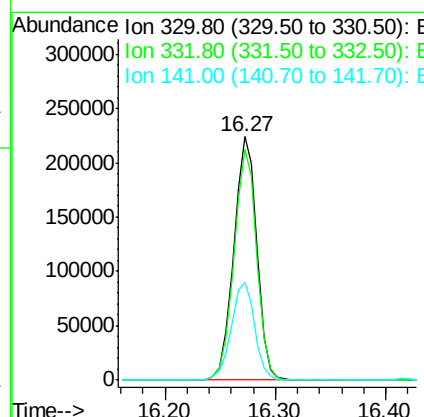
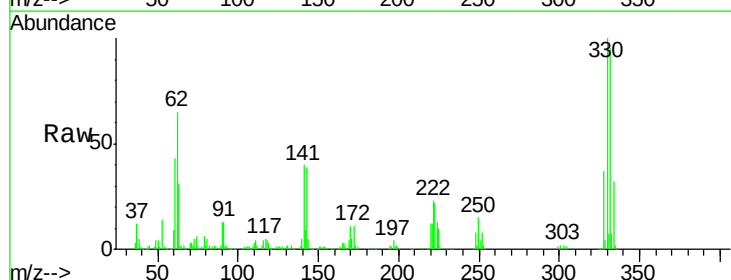
Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

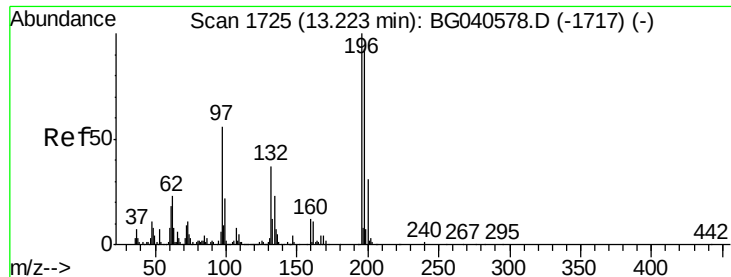
Tot Ion	Ratio	Lower	Upper
237	100		
235	66.9	42.5	82.5
272	12.7	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 173.263 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.9	113.9
141	40.6	32.4	48.6

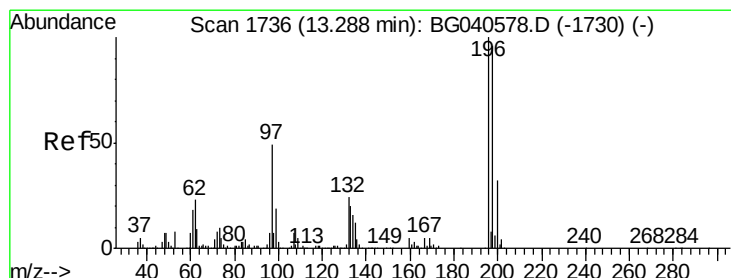
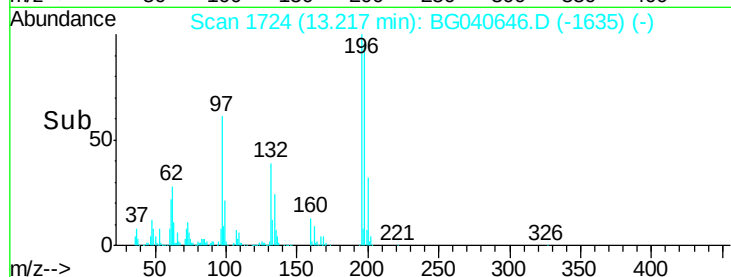
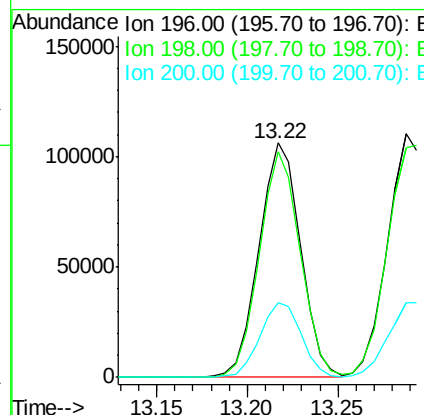
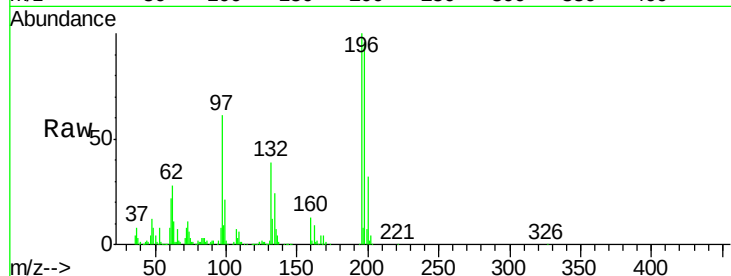




#43
 2,4,6-Trichlorophenol
 Concen: 54.630 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

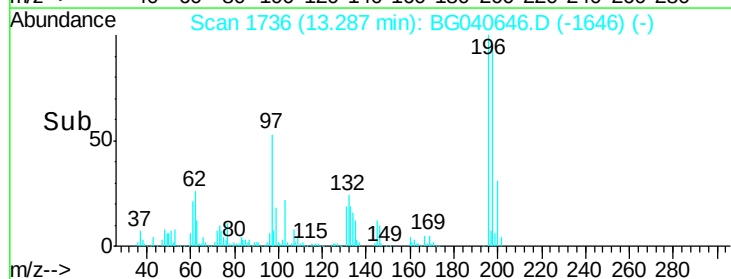
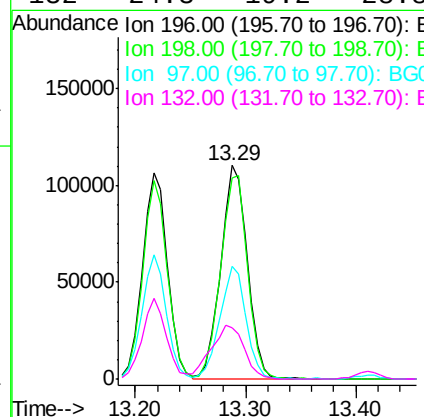
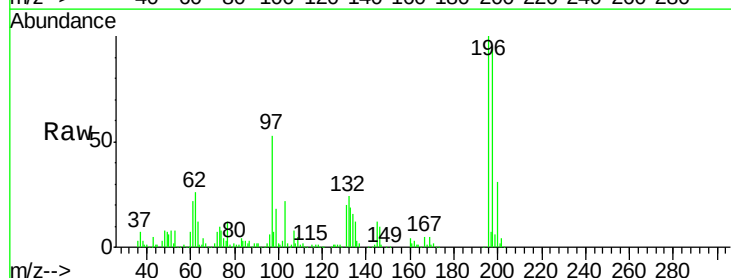
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMS

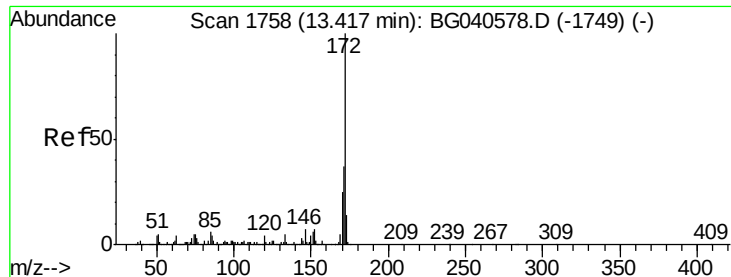
Tot Ion	196	Resp	168903
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.8	112.2
200	31.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 54.655 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

Tgt Ion	196	Resp	184080
Ion Ratio	Lower	Upper	
196	100		
198	94.1	77.0	115.6
97	52.8	40.0	60.0
132	24.3	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 93.257 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

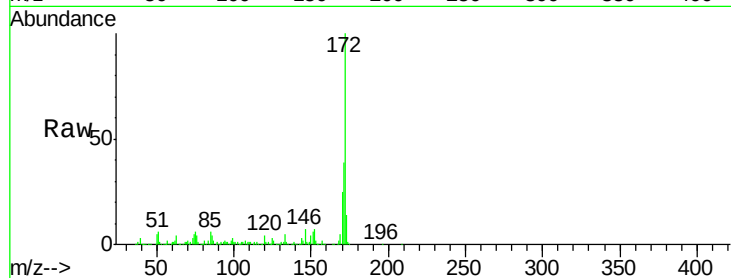
BNA_G

ClientSampleId :

SU-03-042419-AMS

Tot Ion:172 Resp: 886840

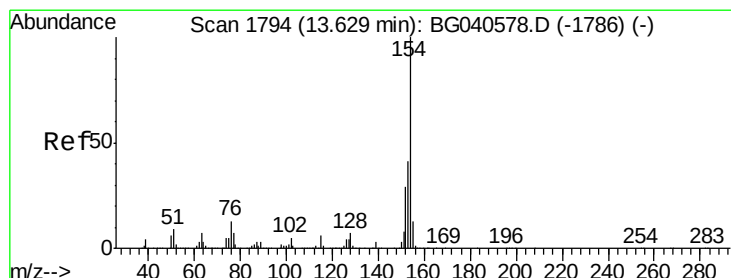
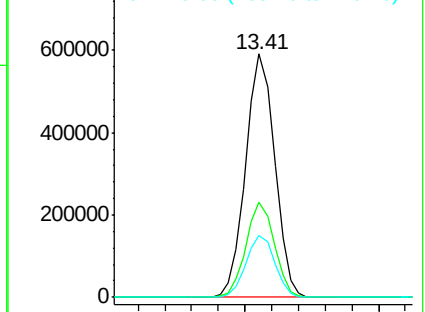
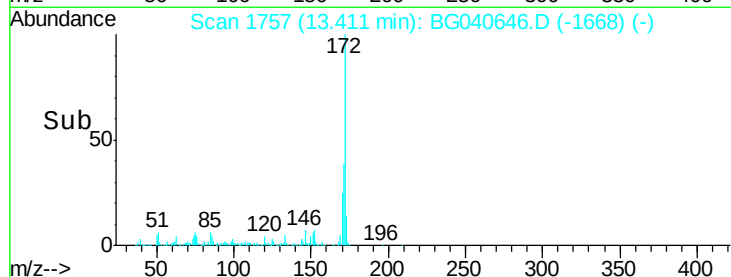
Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	25.2	19.9	29.9



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: 47.624 ng

RT: 13.62 min Scan# 1793

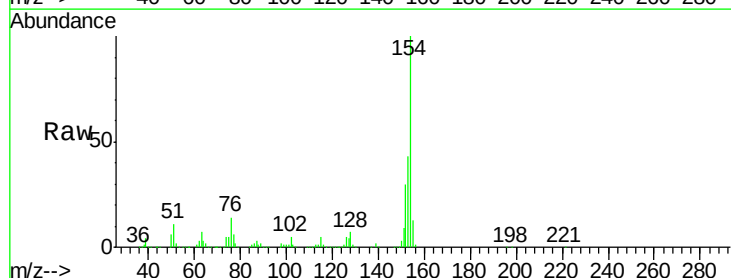
Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Tgt Ion:154 Resp: 507811

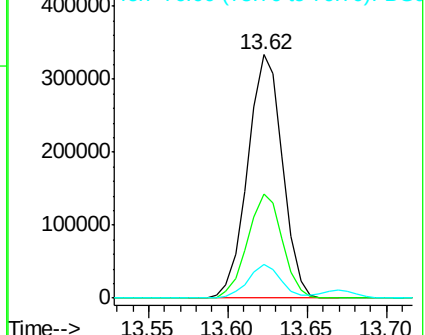
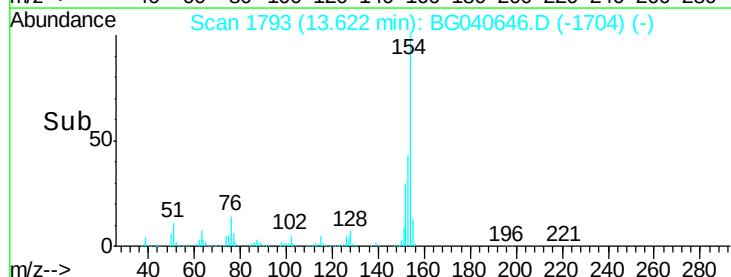
Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.5	60.5
76	13.8	0.0	32.5

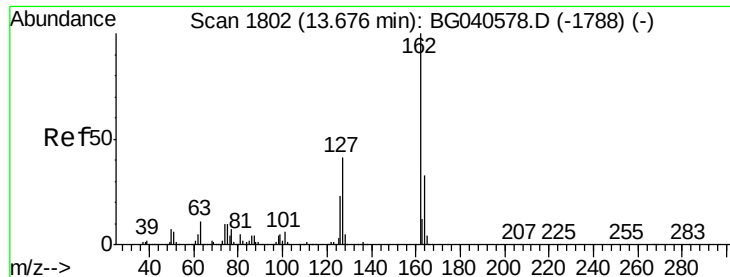


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG0

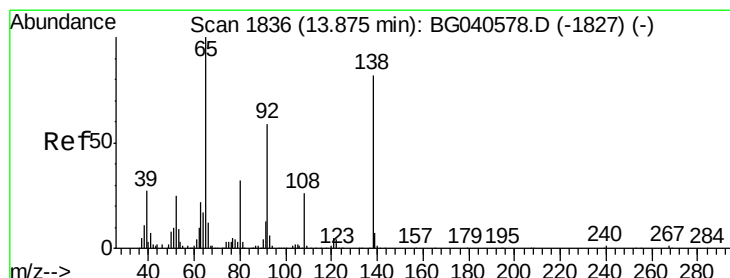
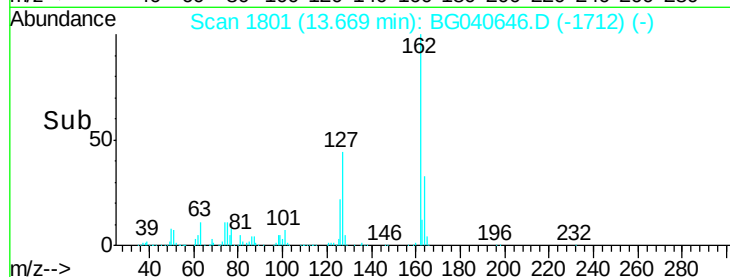
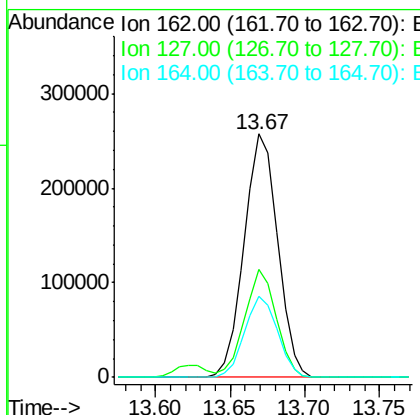
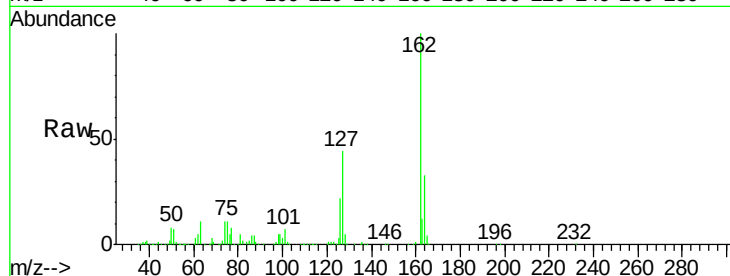




#47
 2-Chloronaphthalene
 Concen: 47.979 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

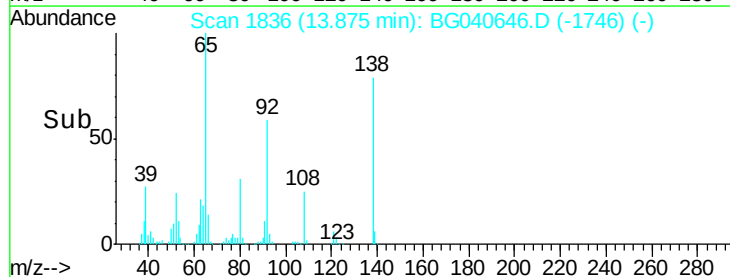
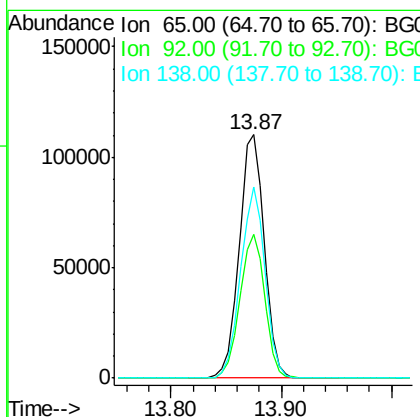
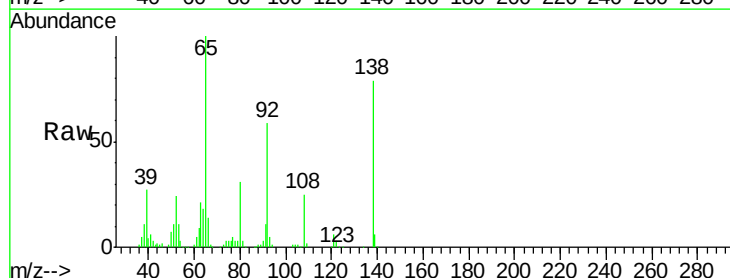
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMS

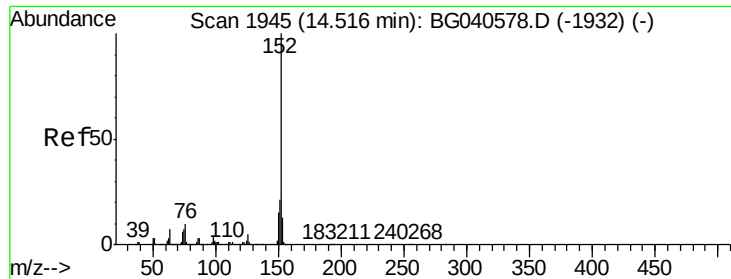
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.1	33.0	49.4
164	33.2	26.8	40.2



#48
 2-Nitroaniline
 Concen: 59.264 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.3	47.4	71.0
138	78.6	66.1	99.1





#49

Acenaphthylene

Concen: 47.186 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

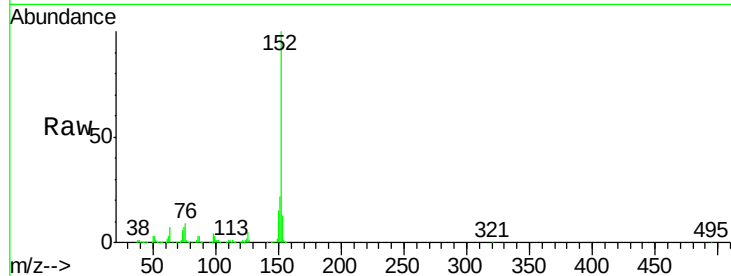
Tot Ion:152 Resp: 668062

Ion Ratio Lower Upper

152 100

151 22.0 17.2 25.8

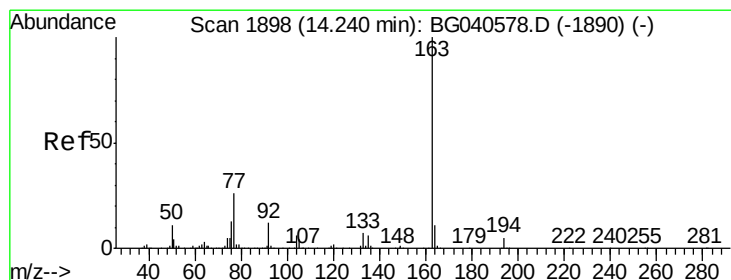
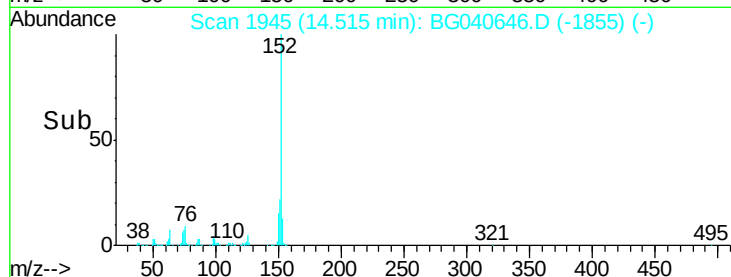
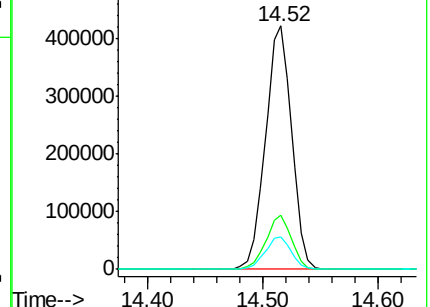
153 13.4 10.7 16.1



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: 49.915 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

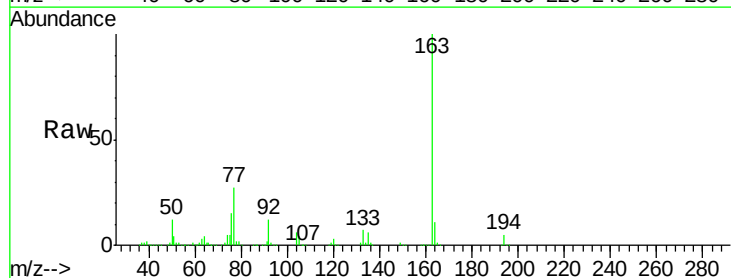
Tgt Ion:163 Resp: 573563

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

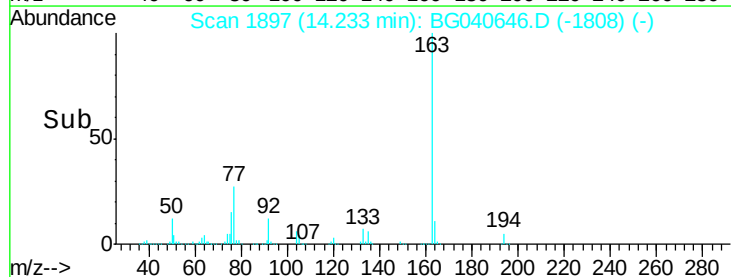
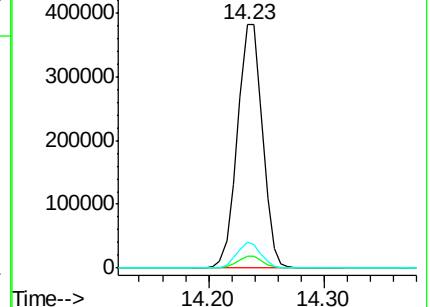
164 10.6 8.8 13.2

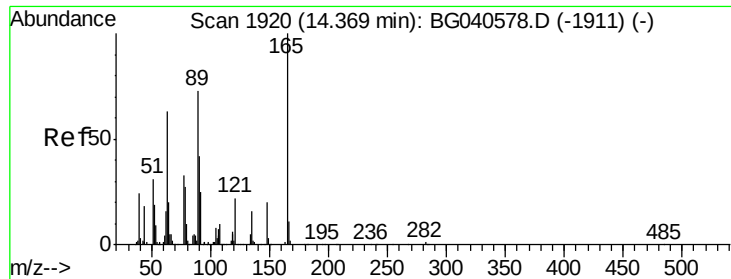


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

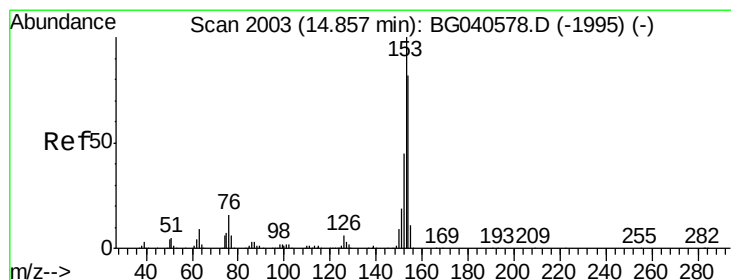
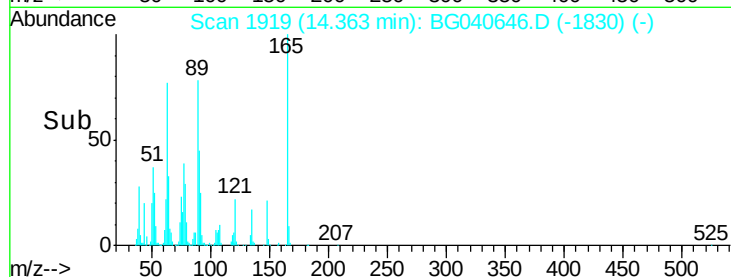
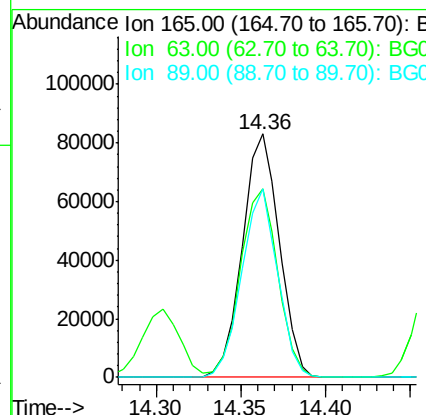
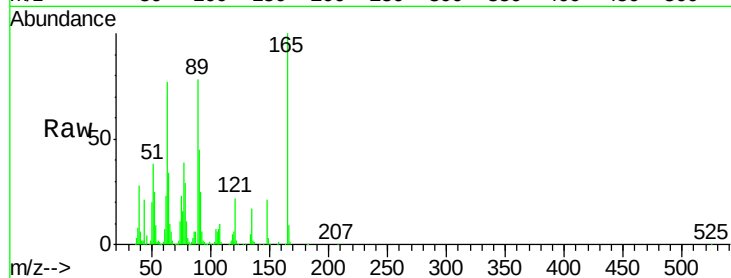




#51
2,6-Dinitrotoluene
Concen: 56.231 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

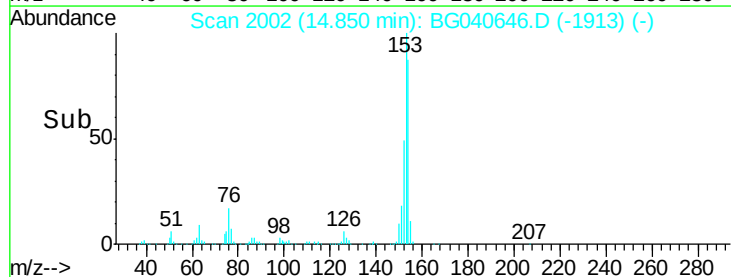
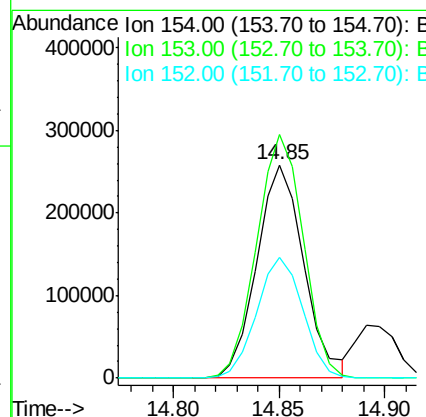
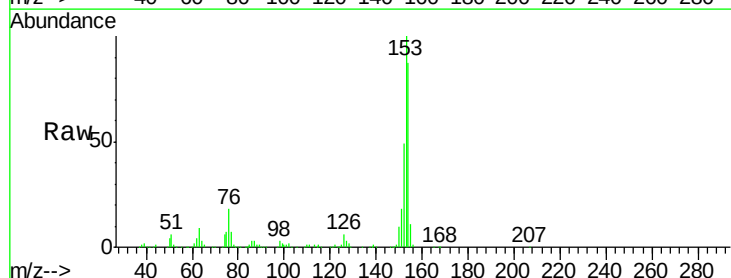
Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

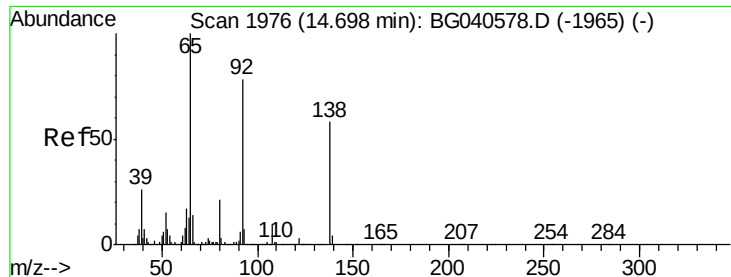
Tot Ion:165 Resp: 126107
Ion Ratio Lower Upper
165 100
63 77.2 61.0 91.4
89 77.7 58.6 87.8



#52
Acenaphthene
Concen: 48.488 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt Ion:154 Resp: 399788
Ion Ratio Lower Upper
154 100
153 114.3 97.0 145.6
152 56.6 44.1 66.1





#53

3-Nitroaniline

Concen: 18.449 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

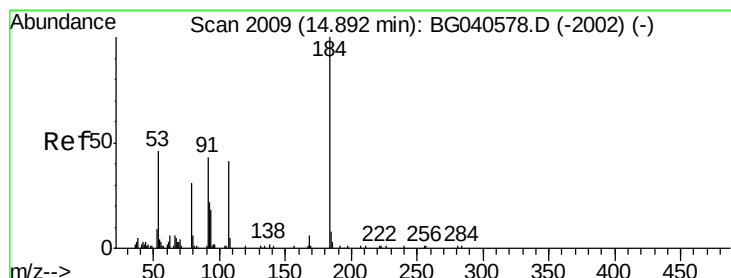
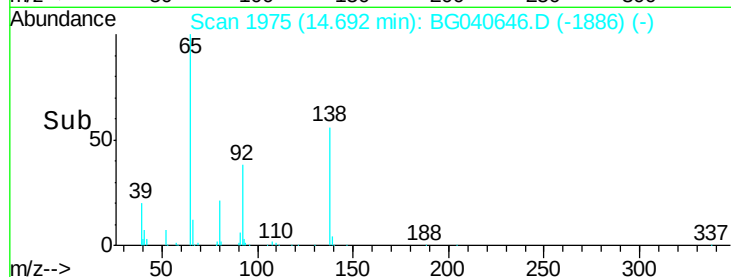
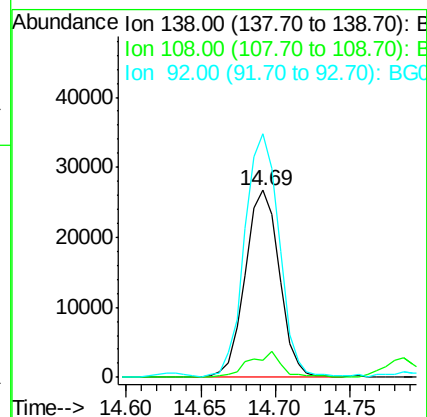
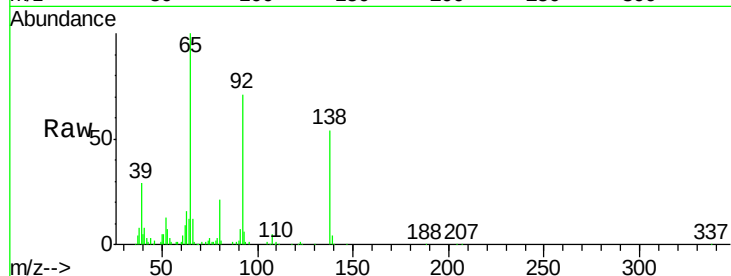
Tot Ion:138 Resp: 42393

Ion Ratio Lower Upper

138 100

108 9.2 12.4 18.6#

92 130.2 108.6 162.8



#54

2,4-Dinitrophenol

Concen: 112.598 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

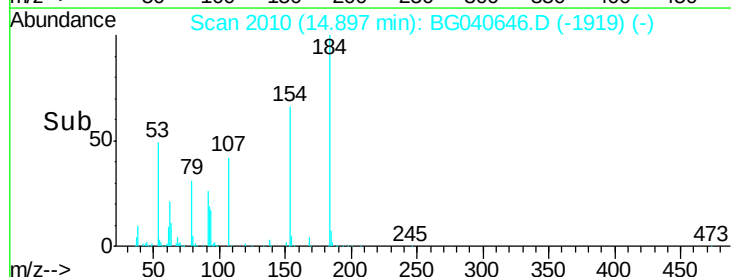
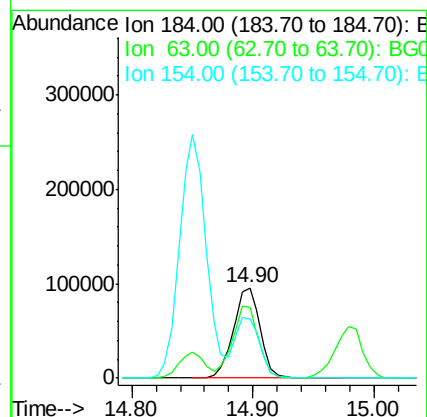
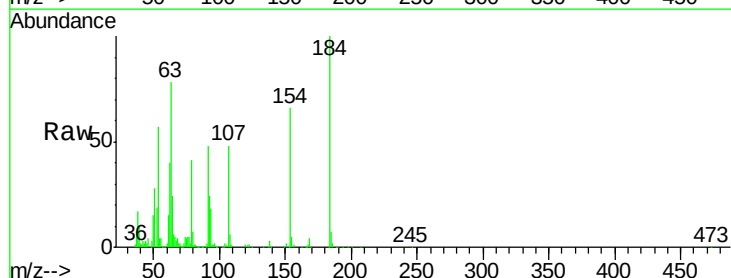
Tgt Ion:184 Resp: 146381

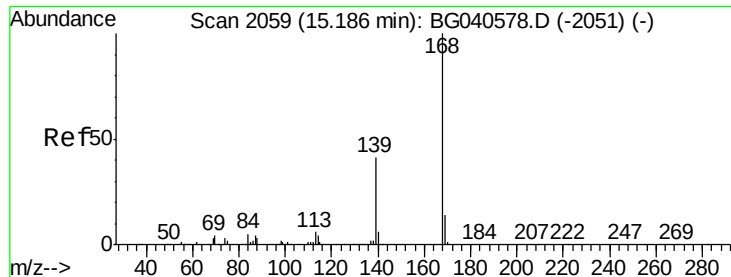
Ion Ratio Lower Upper

184 100

63 78.4 51.8 77.6#

154 65.7 43.6 65.4#





#55

Dibenzofuran

Concen: 49.181 ng

RT: 15.19 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

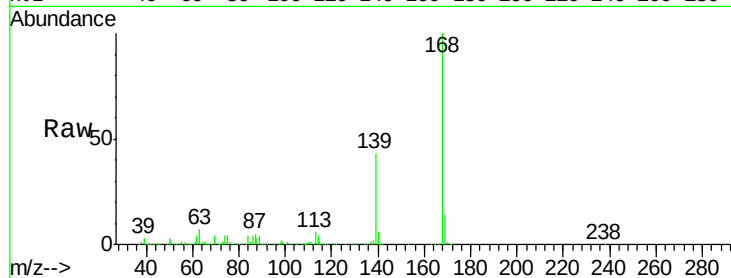
Tot Ion:168 Resp: 664187

Ion Ratio Lower Upper

168 100

139 43.0 33.0 49.4

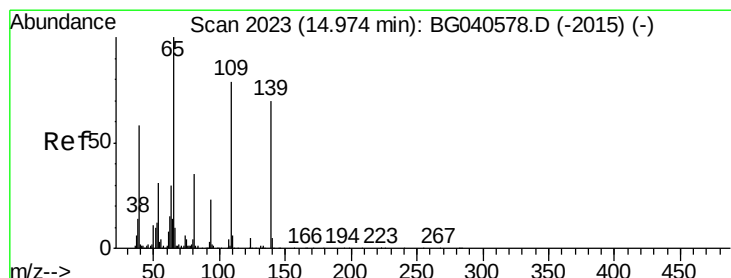
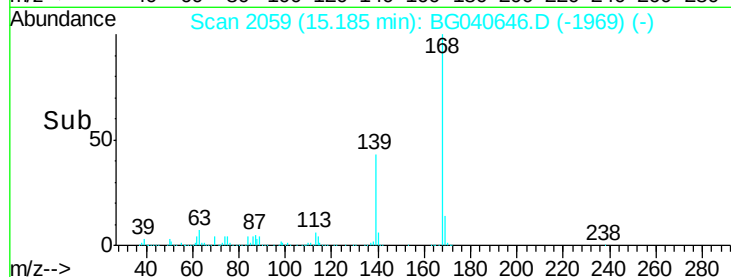
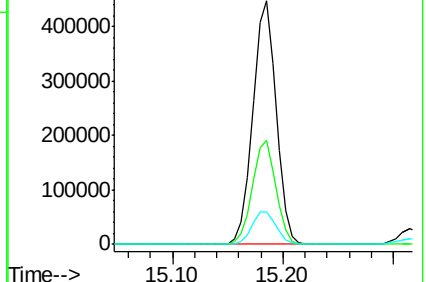
169 13.5 11.0 16.4



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: 95.391 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

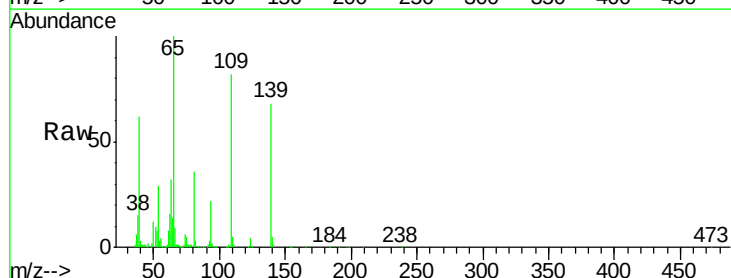
Tgt Ion:139 Resp: 190065

Ion Ratio Lower Upper

139 100

109 120.5 93.8 133.8

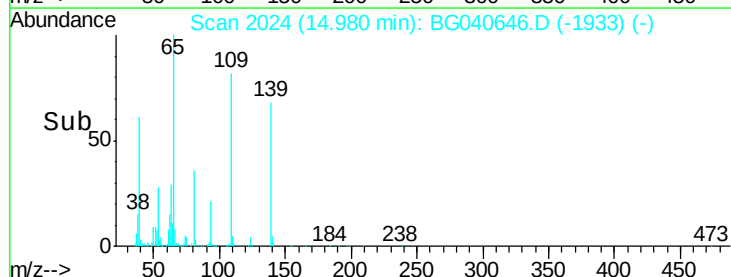
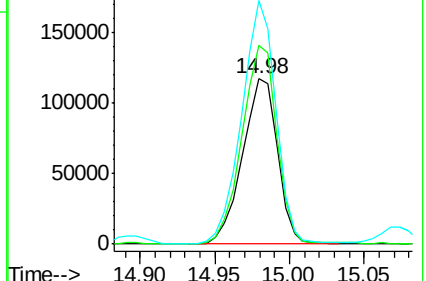
65 147.5 122.7 162.7

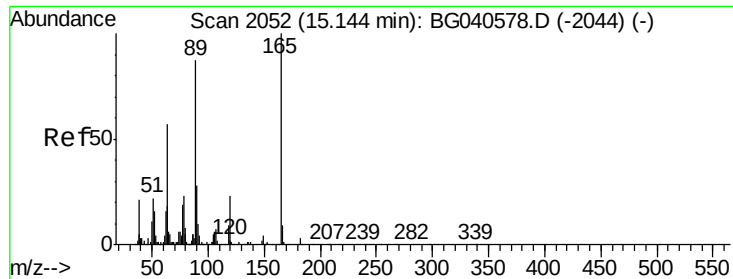


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

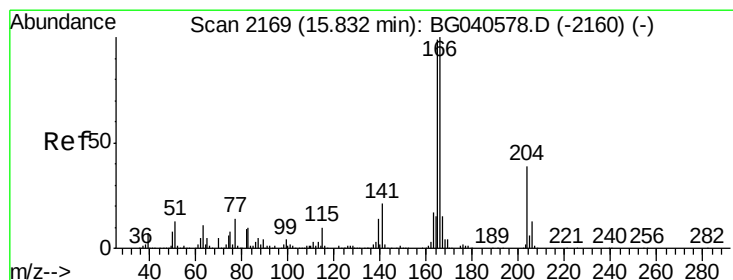
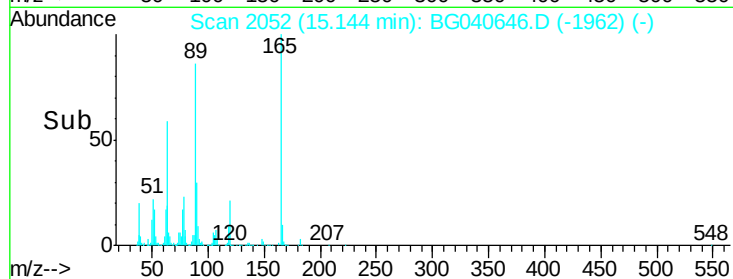
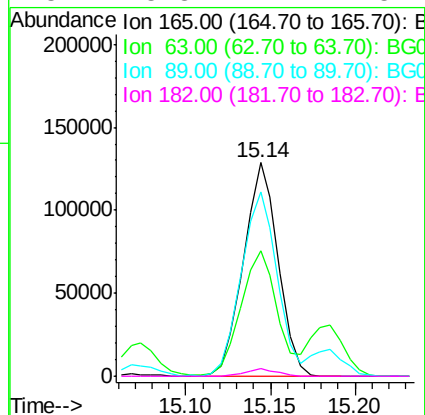
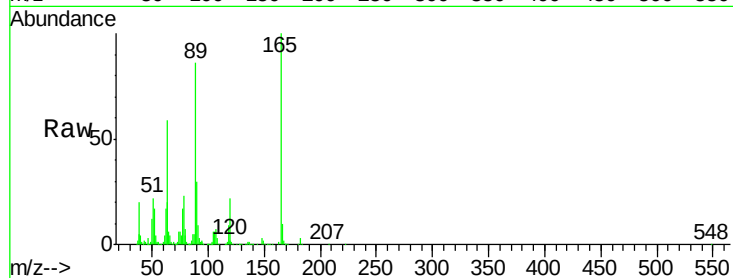




#57
2,4-Dinitrotoluene
Concen: 60.171 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

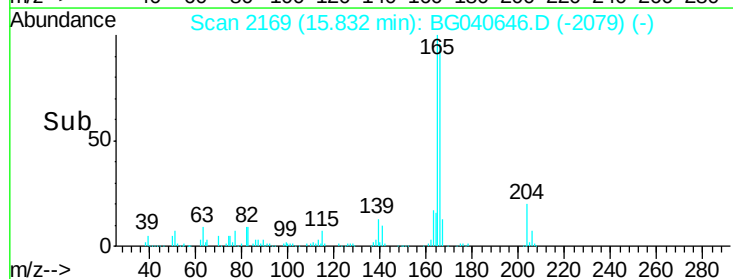
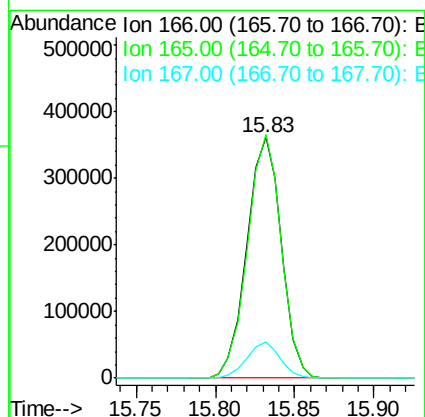
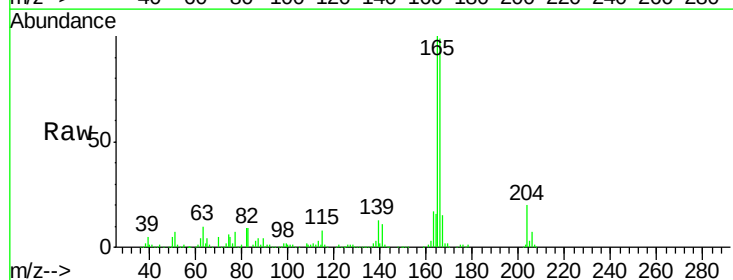
Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

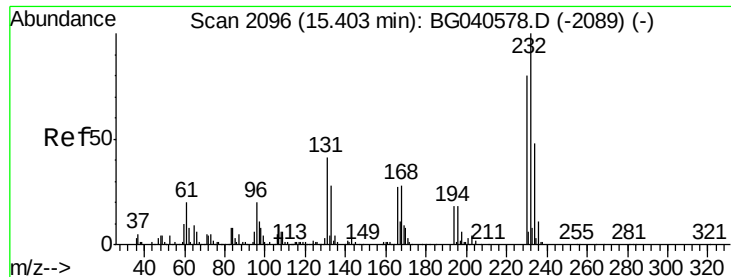
Tot Ion:165 Resp: 183365
Ion Ratio Lower Upper
165 100
63 58.8 45.8 68.8
89 86.0 69.4 104.2
182 3.3 2.2 3.4



#58
Fluorene
Concen: 49.774 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt Ion:166 Resp: 543307
Ion Ratio Lower Upper
166 100
165 101.1 79.6 119.4
167 15.2 12.2 18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 57.603 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

Tot Ion:232 Resp: 195271

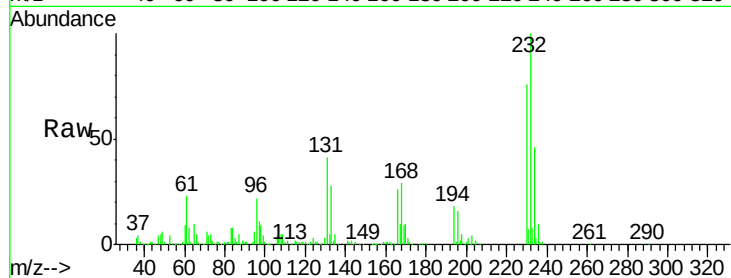
Ion Ratio Lower Upper

232 100

131 40.8 33.0 49.4

130 2.8 2.0 3.0

166 28.1 22.1 33.1

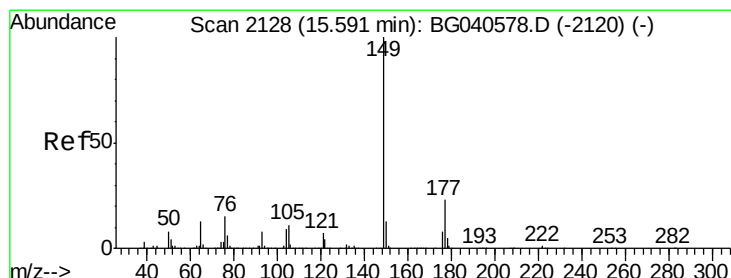
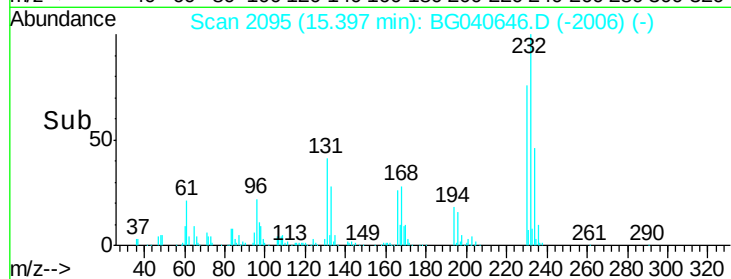
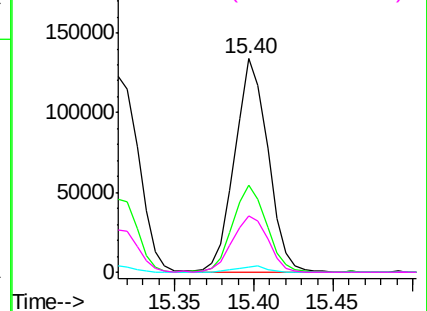


Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.270 ng

RT: 15.59 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

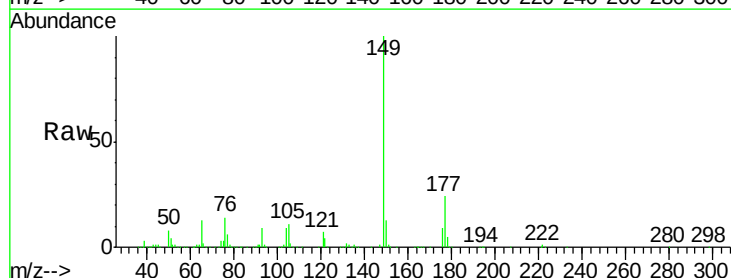
Tgt Ion:149 Resp: 621588

Ion Ratio Lower Upper

149 100

177 23.8 18.5 27.7

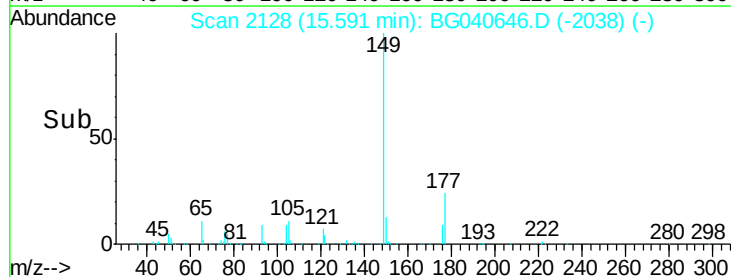
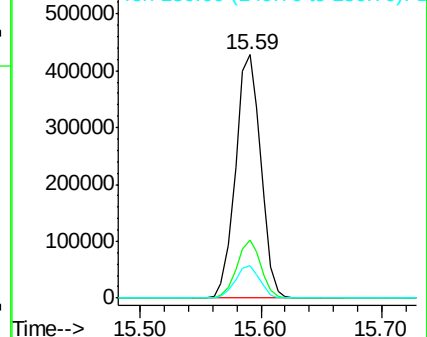
150 13.3 10.2 15.4

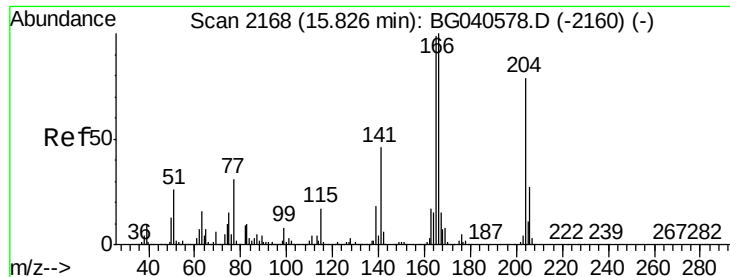


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

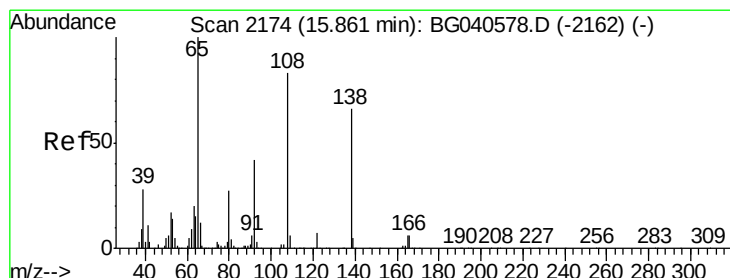
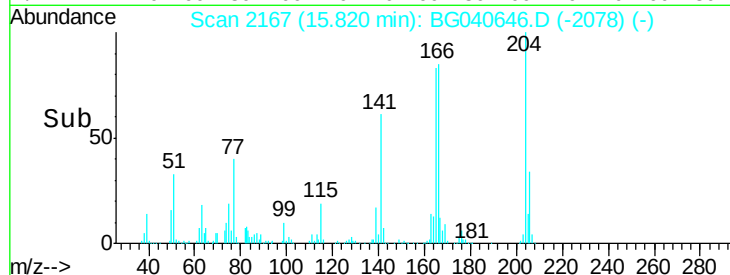
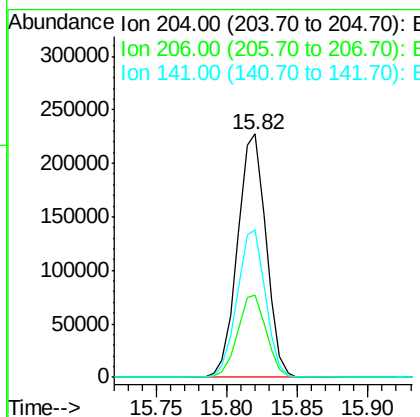
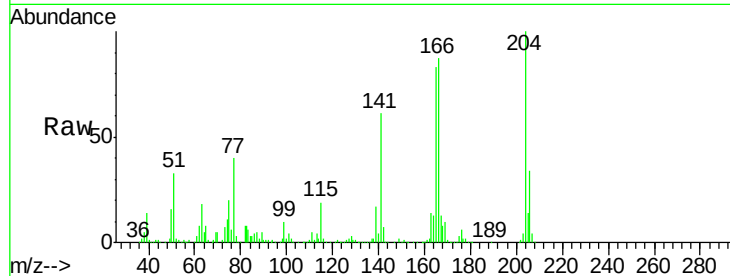




#61
4-Chlorophenyl-phenylether
Concen: 50.447 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

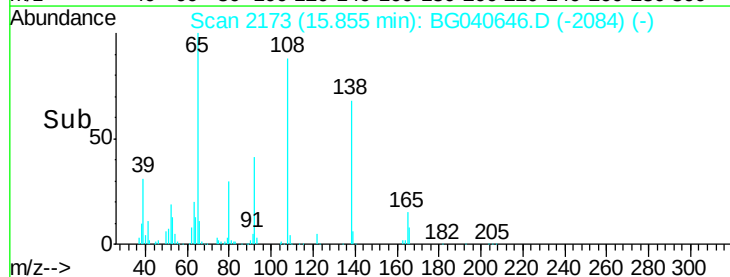
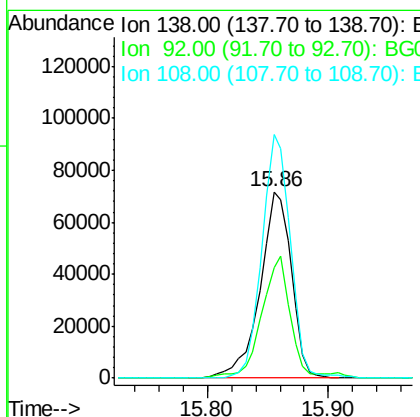
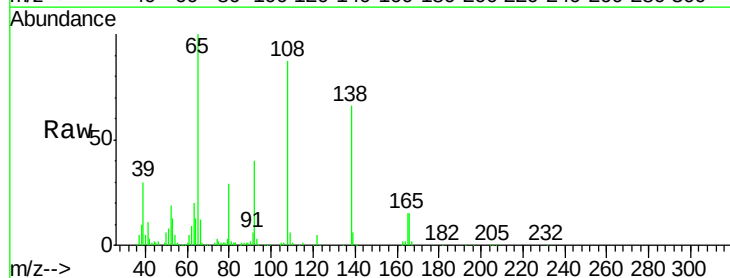
Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

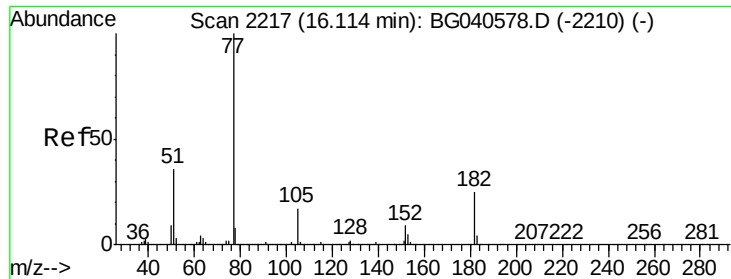
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.4	41.2
141	60.8	46.0	69.0



#62
4-Nitroaniline
Concen: 50.007 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.6	43.9	83.9
108	130.7	106.5	146.5





#63

Azobenzene

Concen: 49.915 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

Tot Ion: 77 Resp: 623223

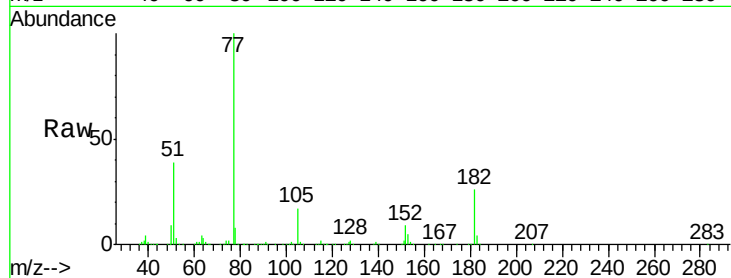
Ion Ratio Lower Upper

77 100

182 26.3 5.0 45.0

105 17.4 0.0 37.6

51 39.4 16.3 56.3

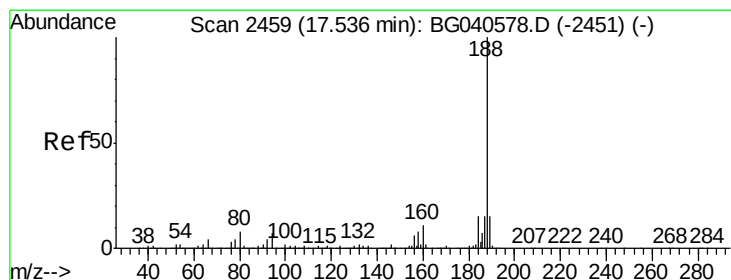
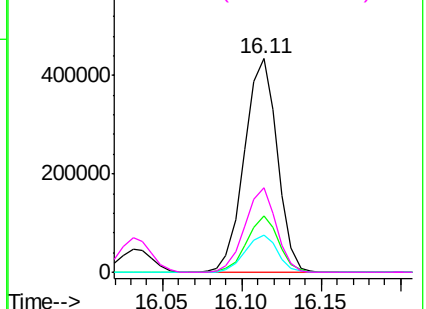
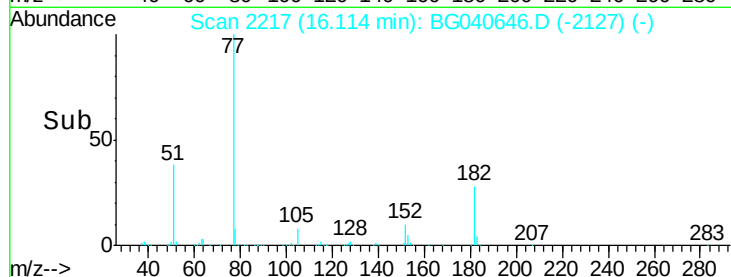


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

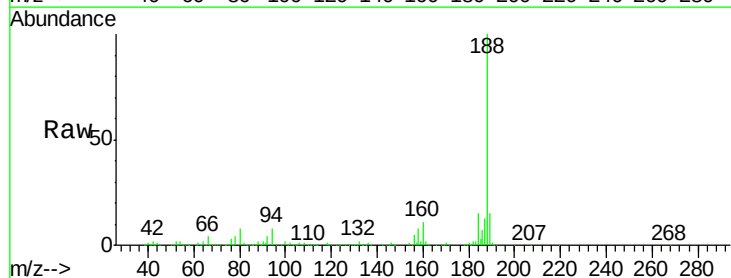
Tgt Ion: 188 Resp: 374521

Ion Ratio Lower Upper

188 100

94 7.5 5.6 8.4

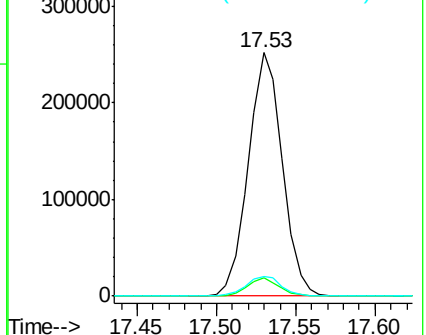
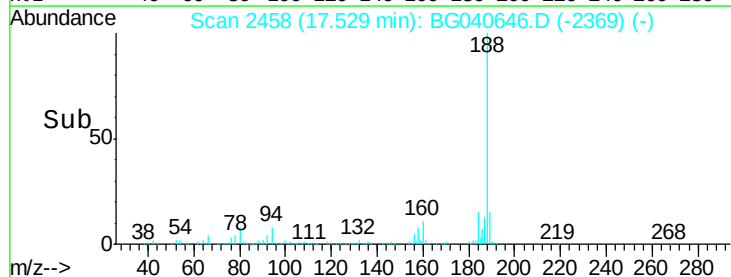
80 8.3 6.4 9.6

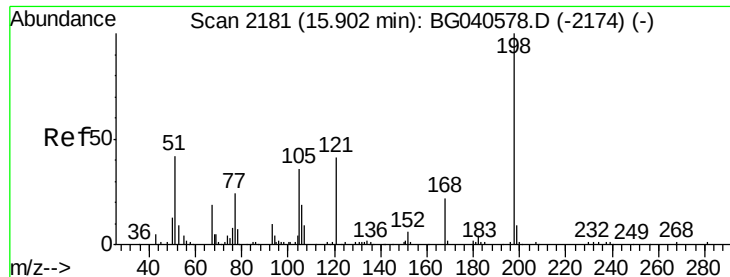


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 54.617 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

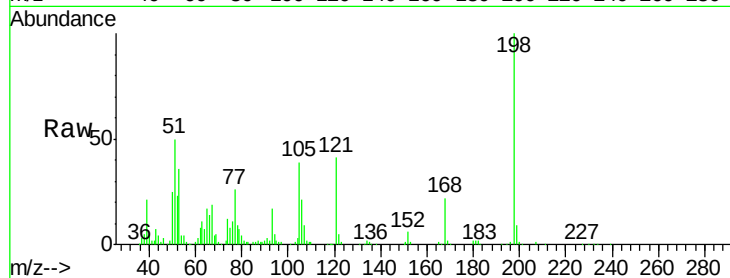
Tot Ion:198 Resp: 102909

Ion Ratio Lower Upper

198 100

51 50.5 35.9 75.9

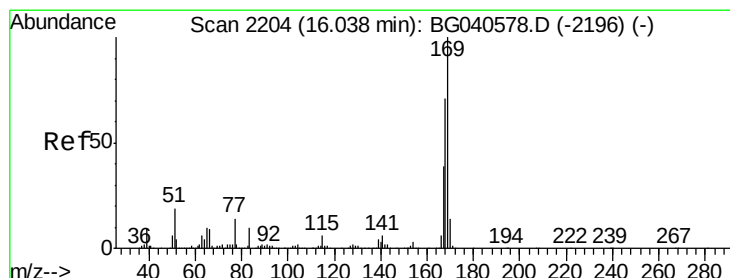
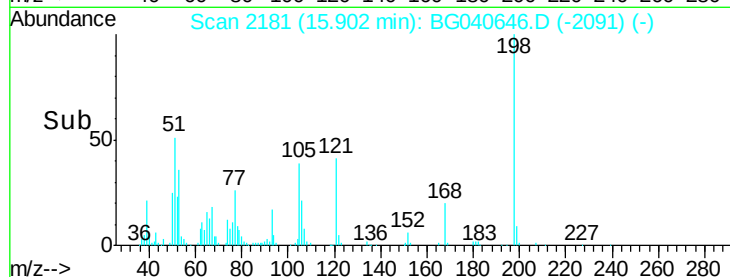
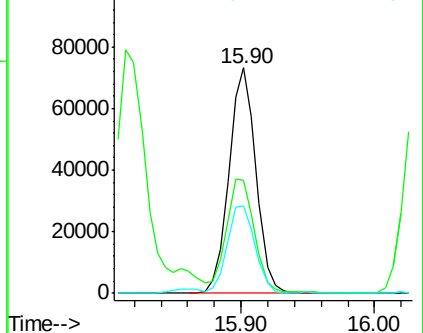
105 38.6 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.650 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

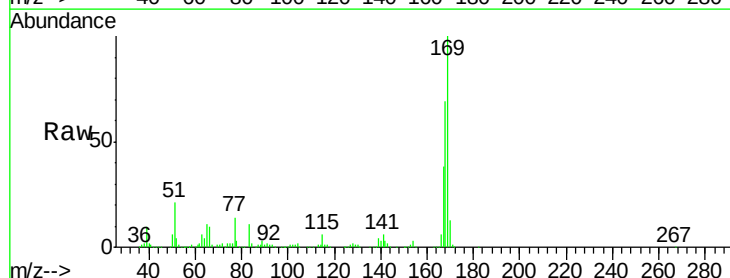
Tgt Ion:169 Resp: 514025

Ion Ratio Lower Upper

169 100

168 69.4 56.8 85.2

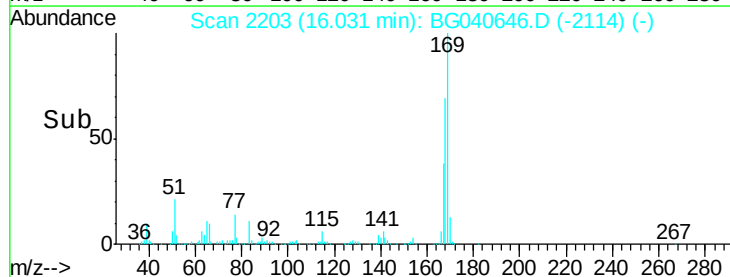
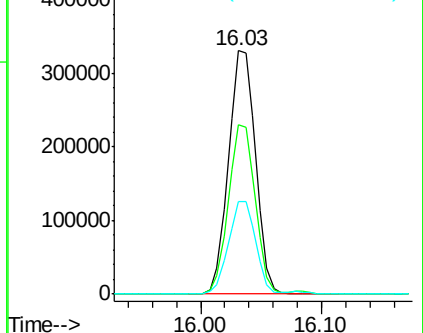
167 37.9 31.4 47.0

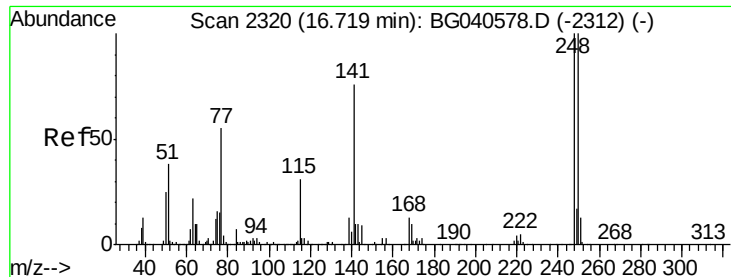


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

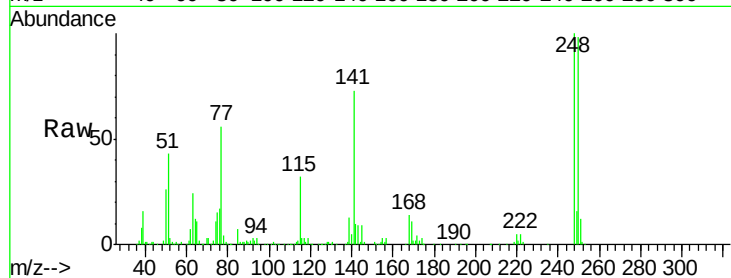




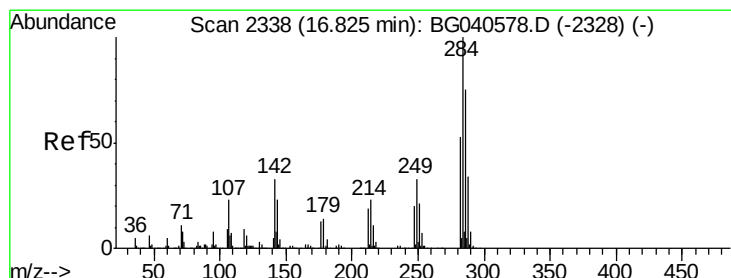
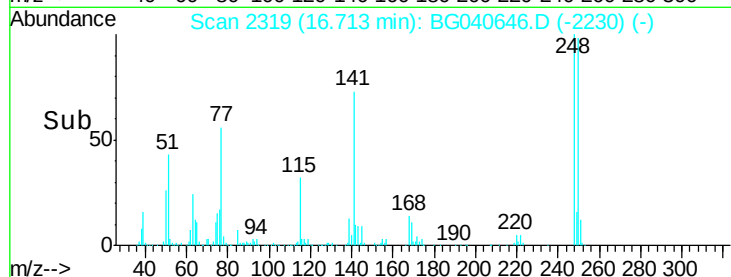
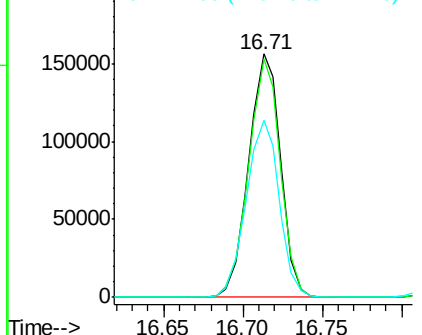
#67
4-Bromophenyl-phenylether
Concen: 46.746 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

Tot Ion:248 Resp: 218117
Ion Ratio Lower Upper
248 100
250 97.7 79.8 119.6
141 72.8 60.8 91.2

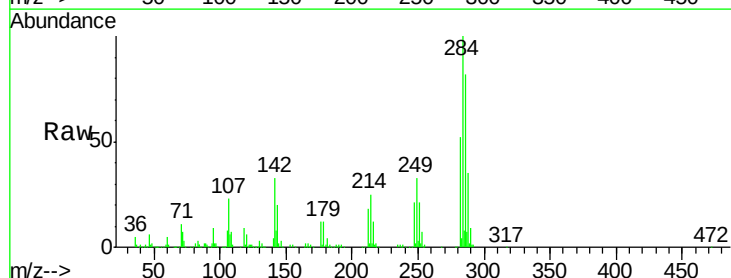


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

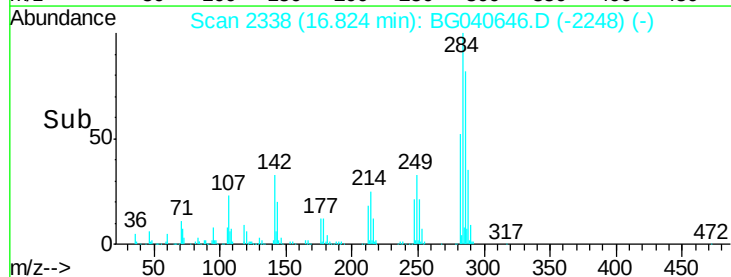
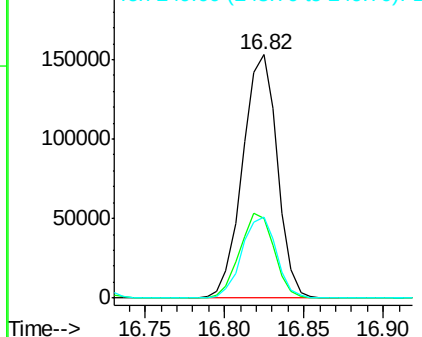


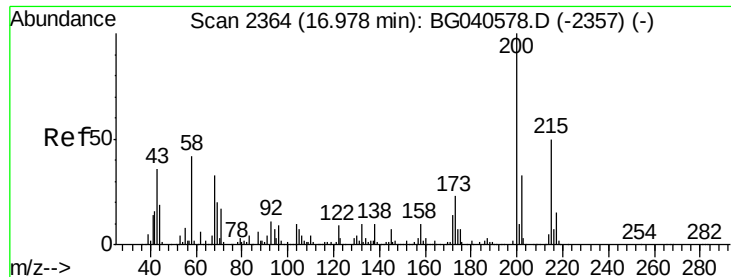
#68
Hexachlorobenzene
Concen: 48.096 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt Ion:284 Resp: 232049
Ion Ratio Lower Upper
284 100
142 32.9 26.6 40.0
249 33.4 26.0 39.0



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





#69

Atrazine

Concen: 43.768 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

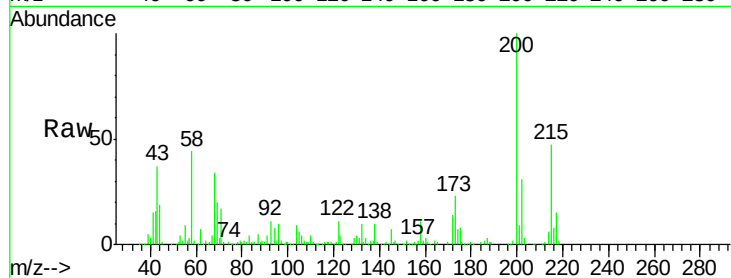
Tot Ion:200 Resp: 191076

Ion Ratio Lower Upper

200 100

173 22.6 2.8 42.8

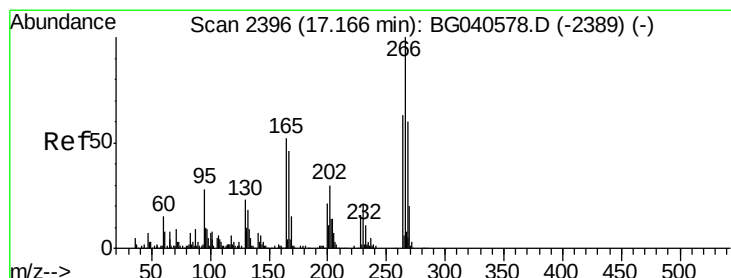
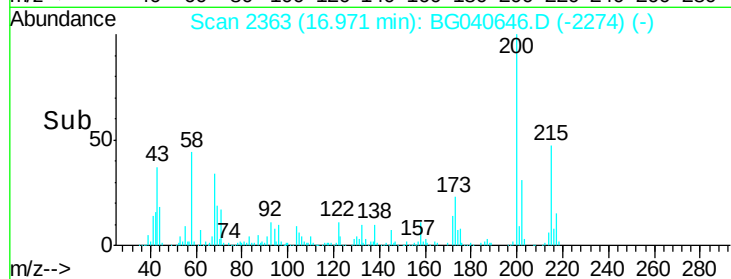
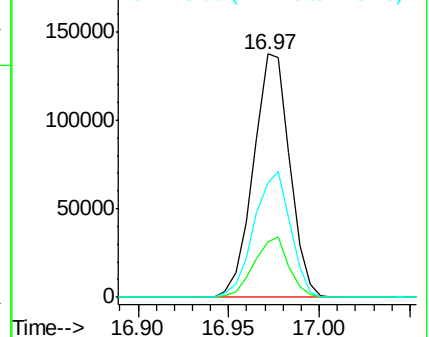
215 47.0 30.2 70.2



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: 105.087 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

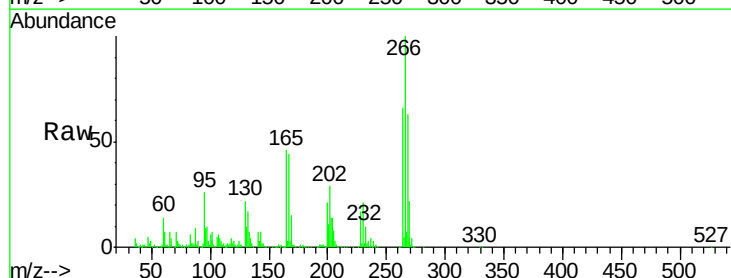
Tgt Ion:266 Resp: 296685

Ion Ratio Lower Upper

266 100

268 63.2 52.3 78.5

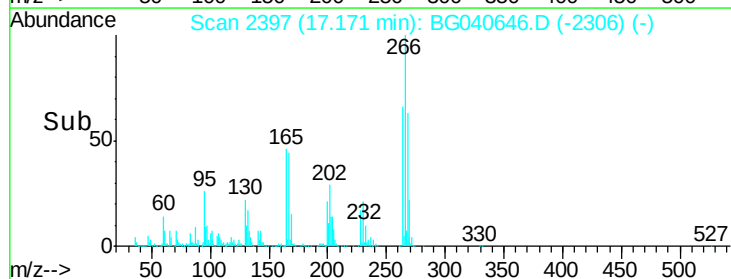
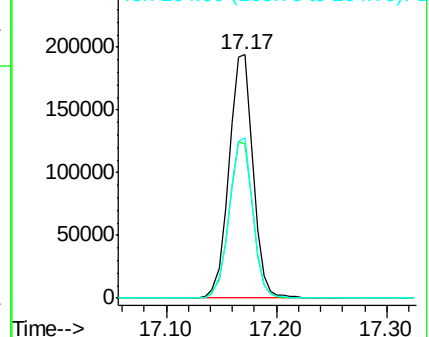
264 65.7 50.0 75.0

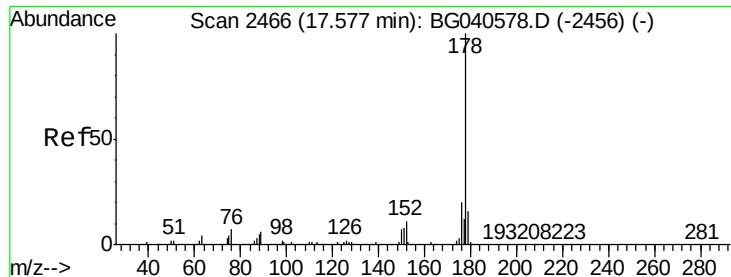


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.858 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

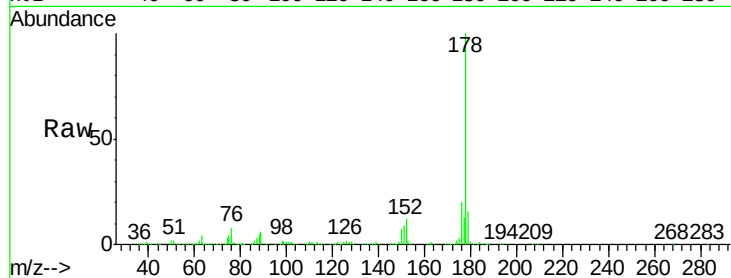
Tot Ion:178 Resp: 985588

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

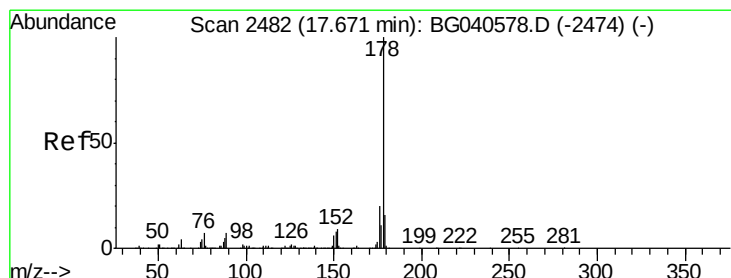
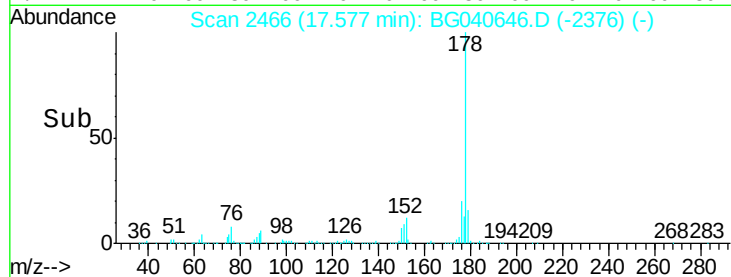
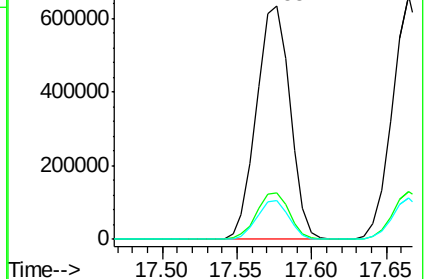
179 16.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.183 ng

RT: 17.66 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

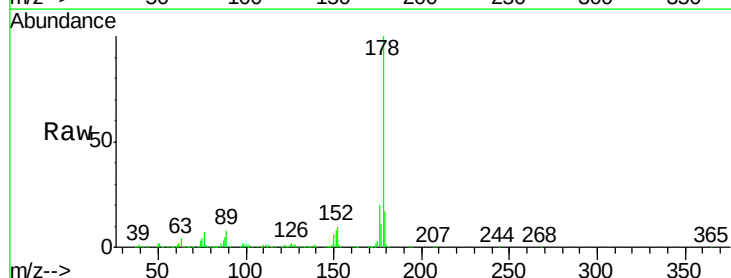
Tgt Ion:178 Resp: 997284

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

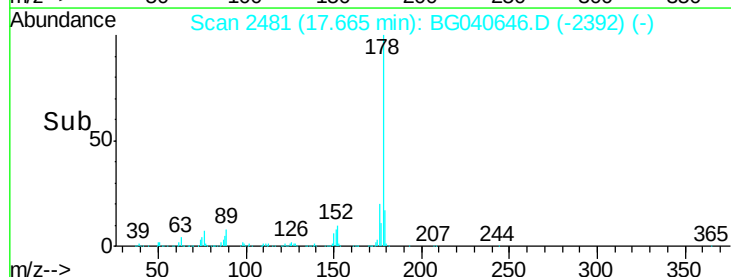
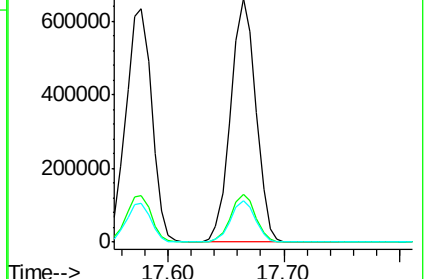
179 16.9 12.9 19.3

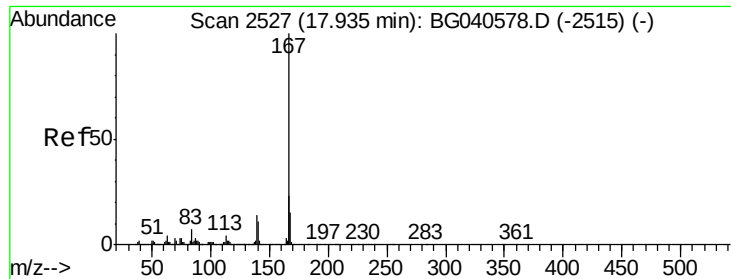


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

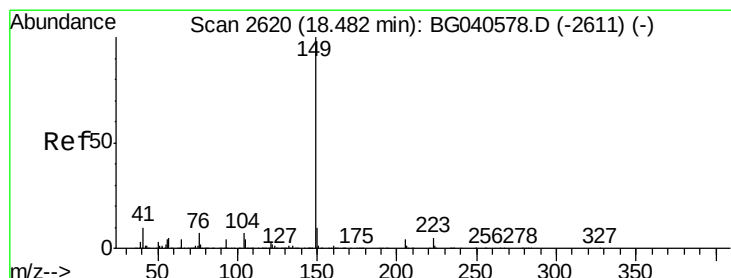
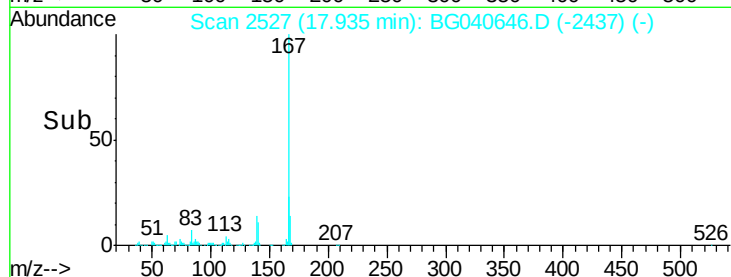
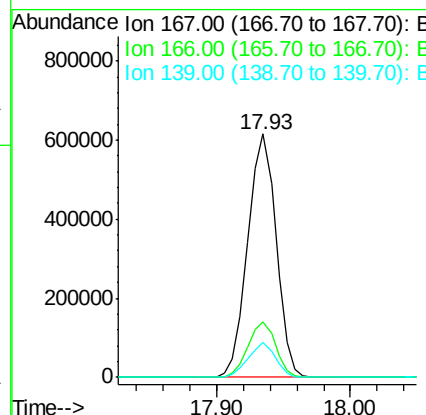
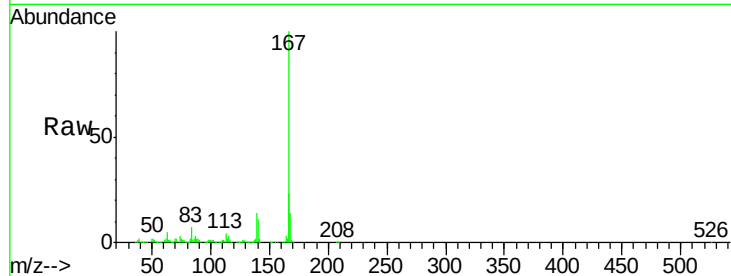




#73
 Carbazole
 Concen: 48.817 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

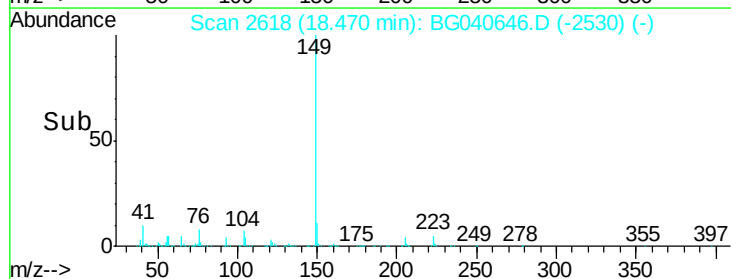
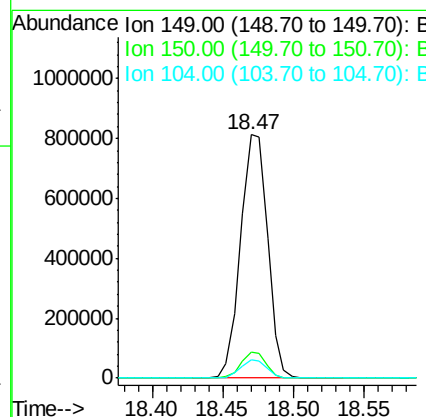
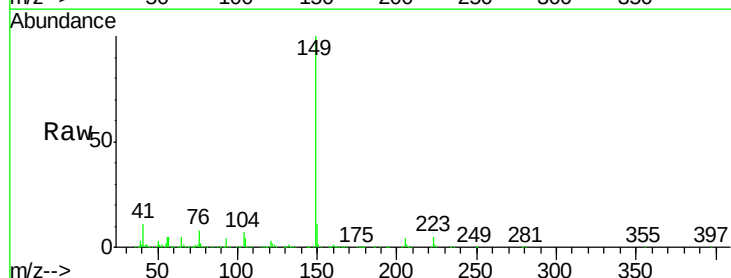
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMS

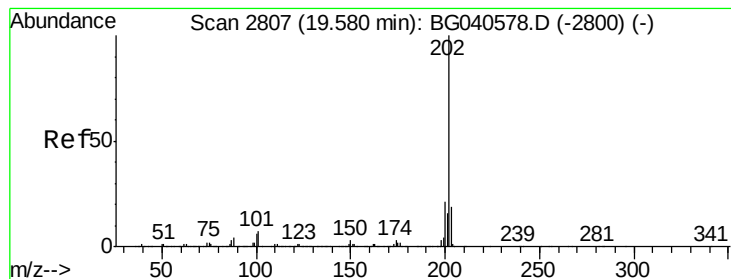
Tot Ion:167 Resp: 901832
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 14.2 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 48.727 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BG040646.D
 Acq: 27 Apr 2019 2:55

Tgt Ion:149 Resp: 1086506
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.2 12.2
 104 7.4 5.4 8.2





#75

Fluoranthene

Concen: 50.262 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

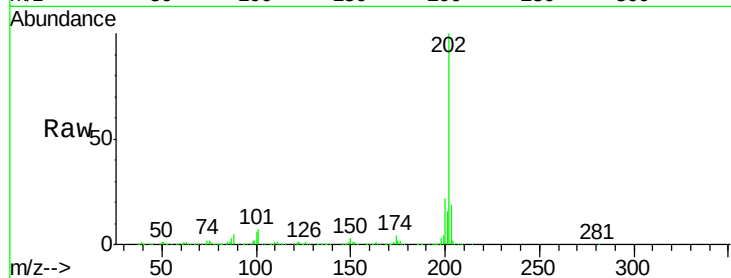
BNA_G

ClientSampleId :

SU-03-042419-AMS

Tot Ion:202 Resp: 1263514

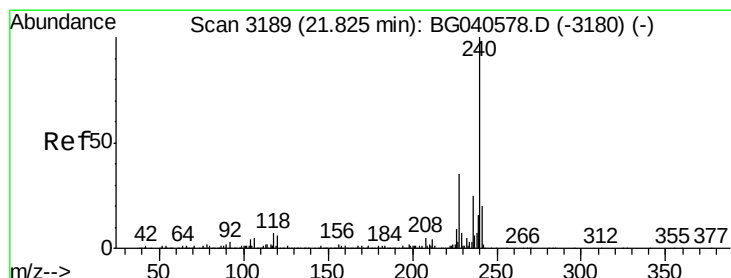
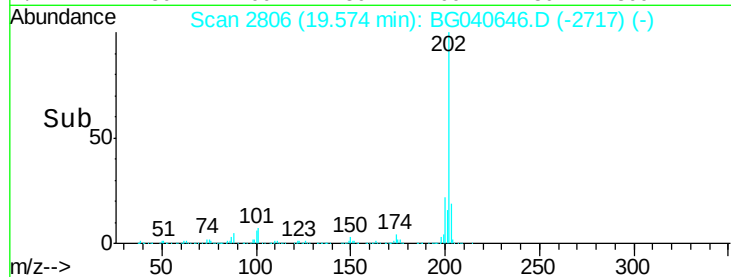
Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	27.5
203	19.4	0.0	39.3



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# 3189

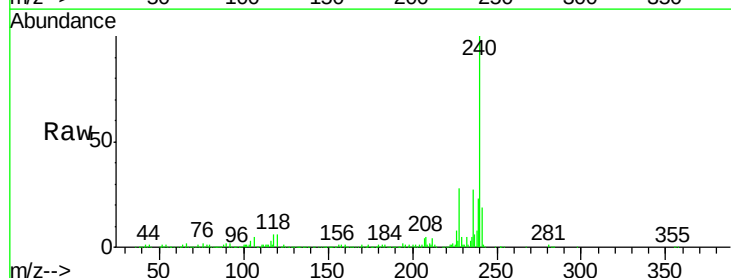
Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Tgt Ion:240 Resp: 369887

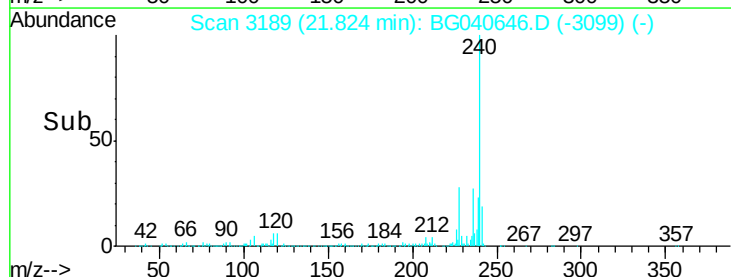
Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.0	7.6
236	26.9	20.3	30.5

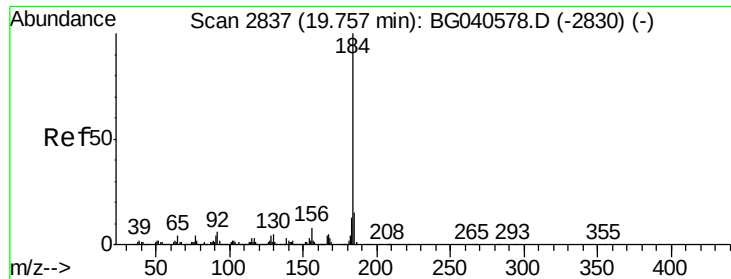


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.481 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

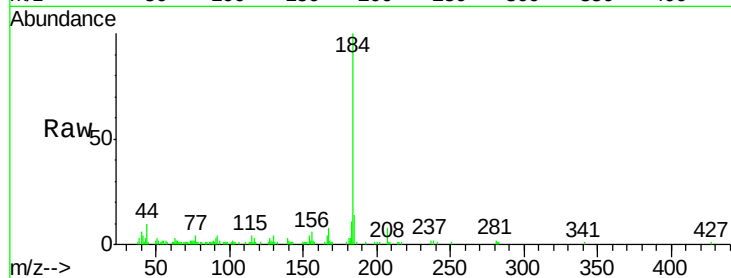
Tot Ion:184 Resp: 65634

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.8

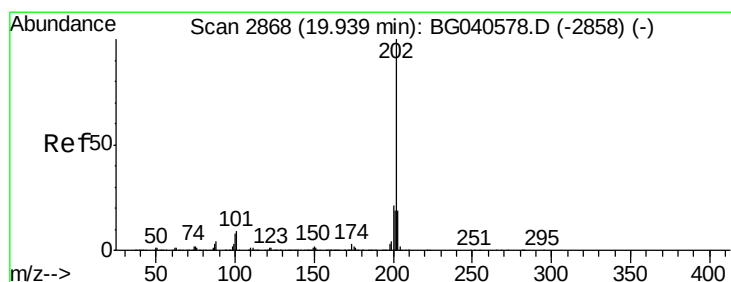
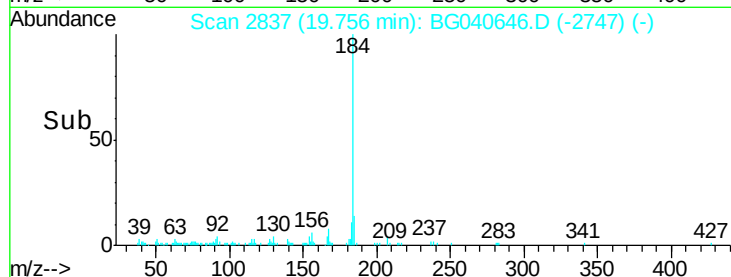
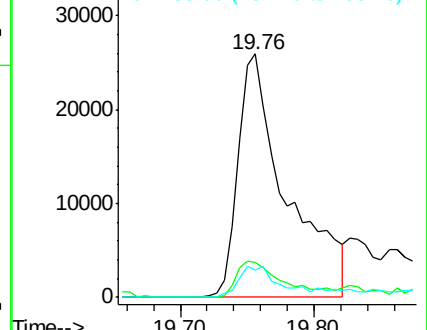
183 11.4 10.2 15.2



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: 53.724 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

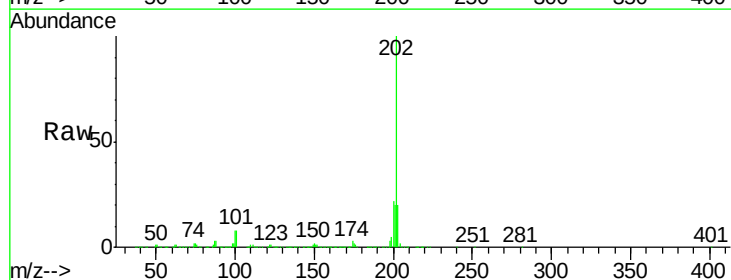
Tgt Ion:202 Resp: 1245467

Ion Ratio Lower Upper

202 100

200 22.4 17.2 25.8

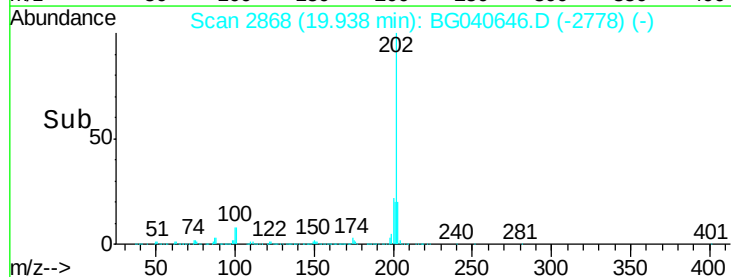
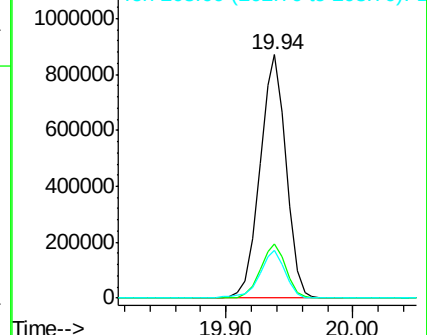
203 19.6 15.0 22.4

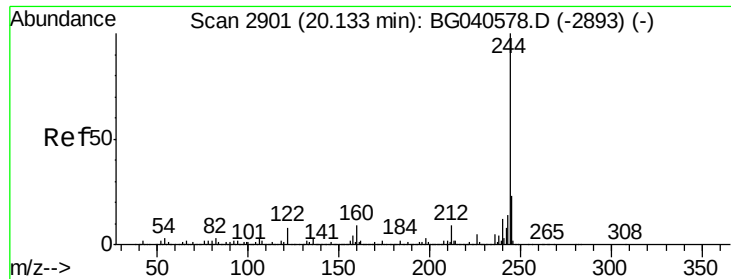


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.276 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

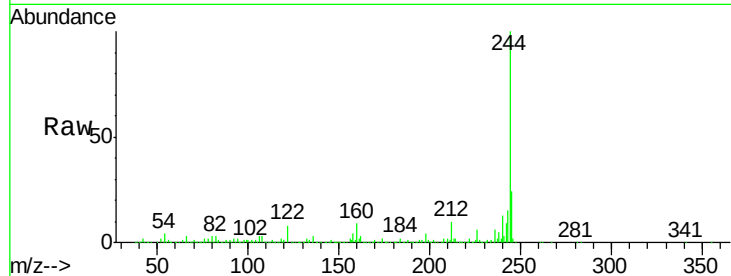
Tot Ion:244 Resp: 1791076

Ion Ratio Lower Upper

244 100

212 10.0 7.2 10.8

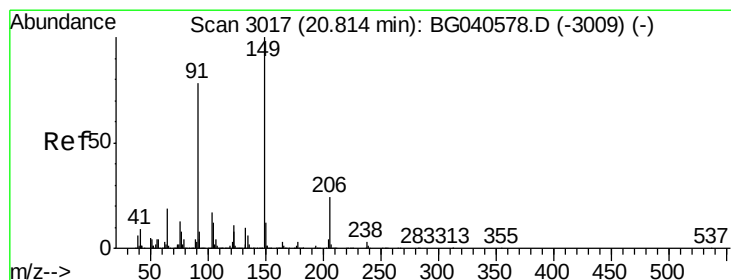
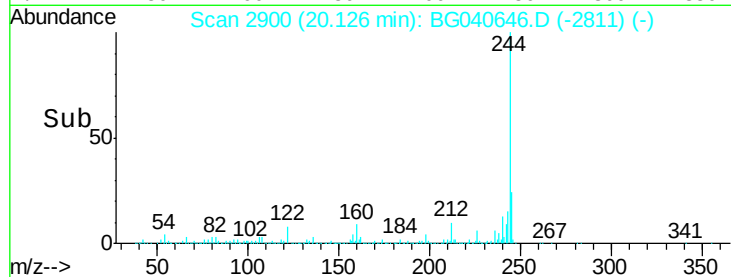
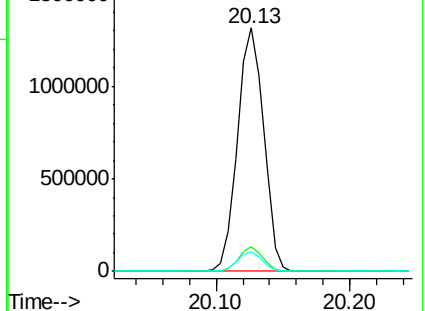
122 8.2 6.6 10.0



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: 56.159 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

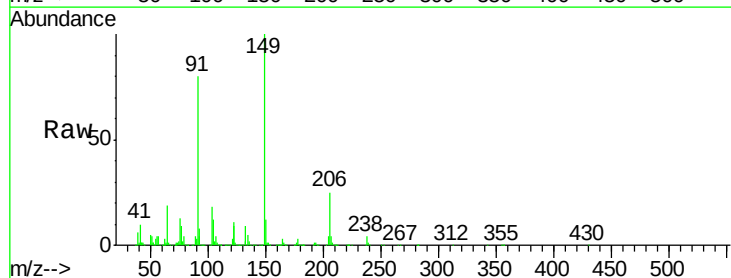
Tgt Ion:149 Resp: 507429

Ion Ratio Lower Upper

149 100

91 80.0 62.6 93.8

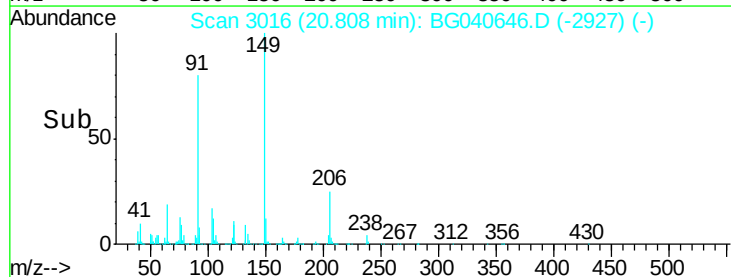
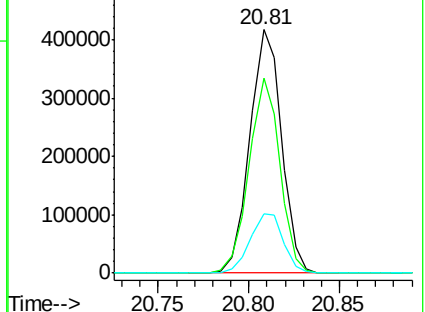
206 24.6 19.4 29.2

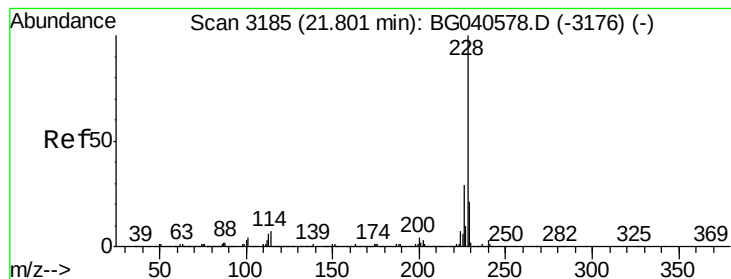


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.365 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

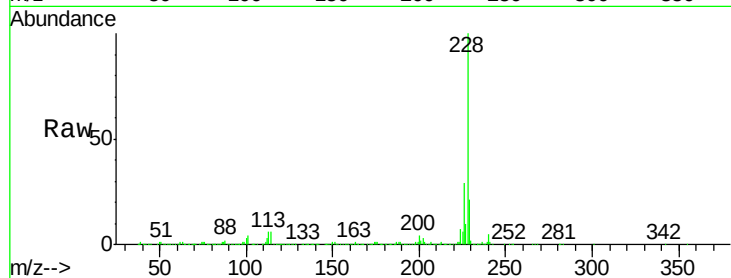
BNA_G

ClientSampleId :

SU-03-042419-AMS

Tot Ion:228 Resp: 1224132

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.1	34.7
229	21.1	17.0	25.4

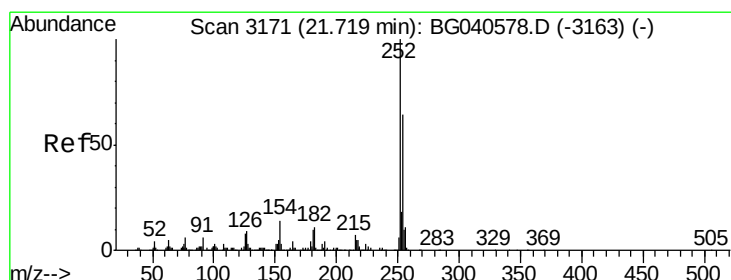
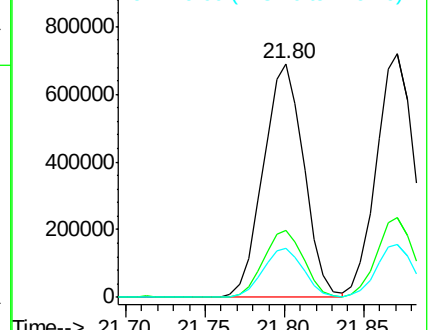
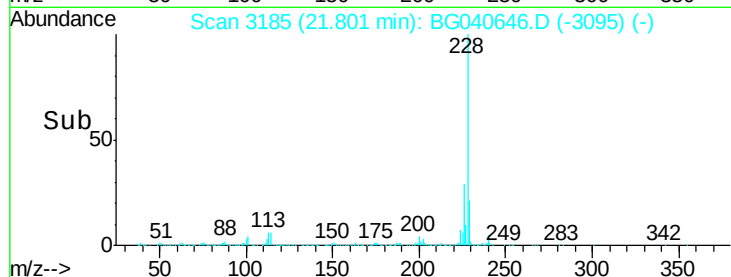


Abundance

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: 26.779 ng

RT: 21.71 min Scan# 3170

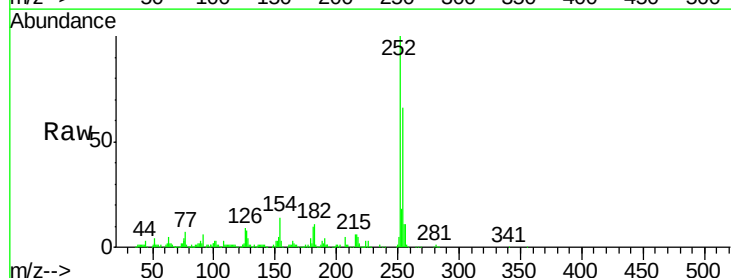
Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Tgt Ion:252 Resp: 223127

Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.2	76.8
126	8.9	6.6	10.0

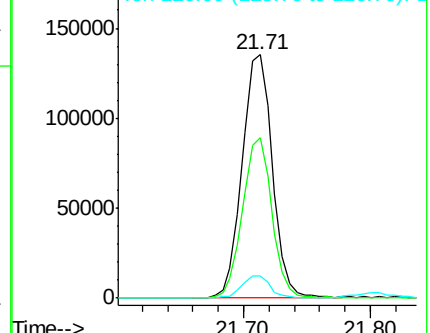
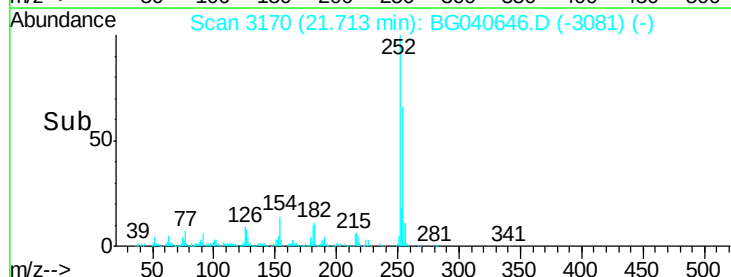


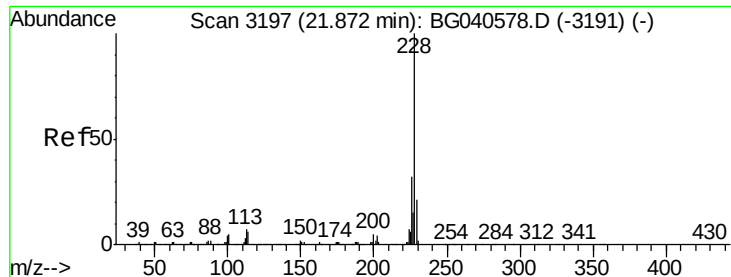
Abundance

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: 53.406 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

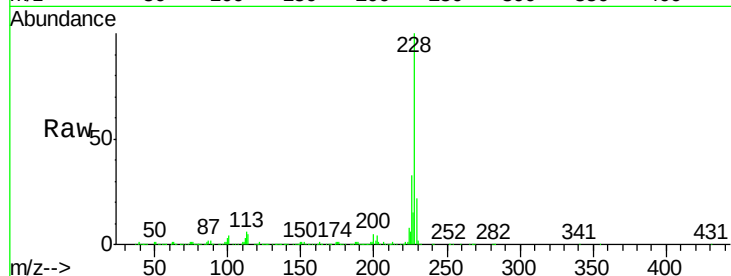
BNA_G

ClientSampleId :

SU-03-042419-AMS

Tot Ion:228 Resp: 1187335

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.5	38.3
229	21.7	16.8	25.2

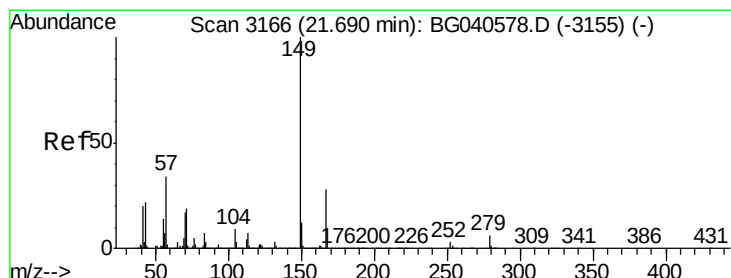
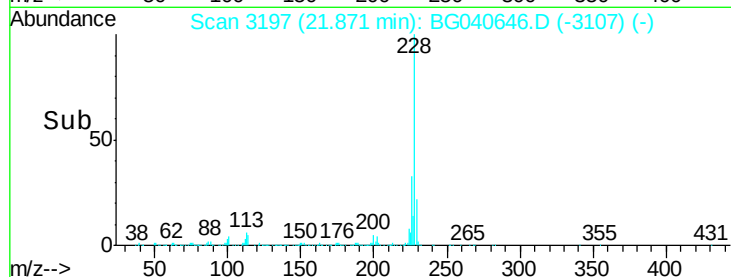
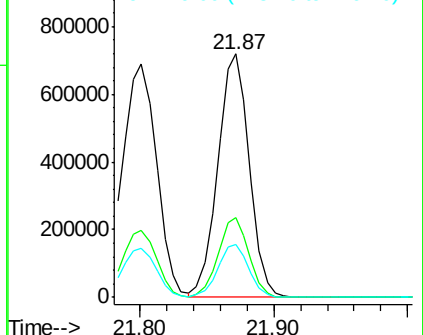


Abundance

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: 53.412 ng

RT: 21.68 min Scan# 3164

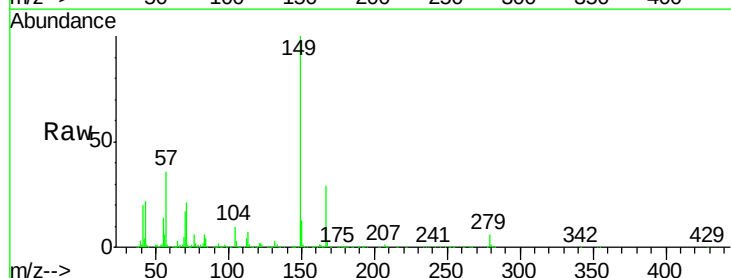
Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Tgt Ion:149 Resp: 696656

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.4	33.6
279	5.7	4.6	6.8

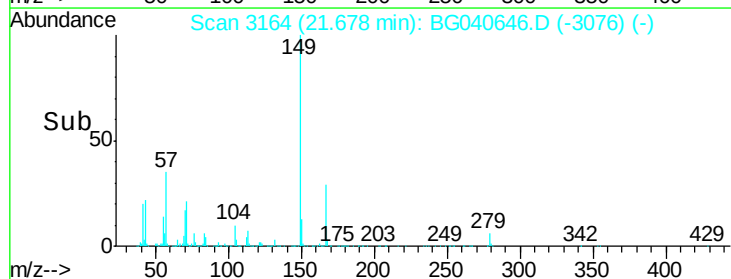
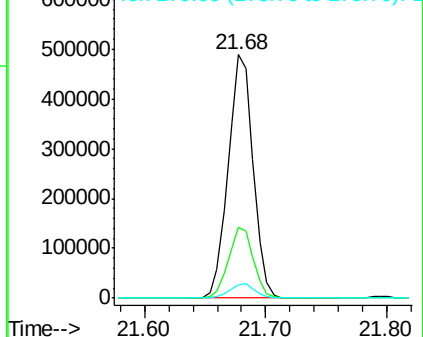


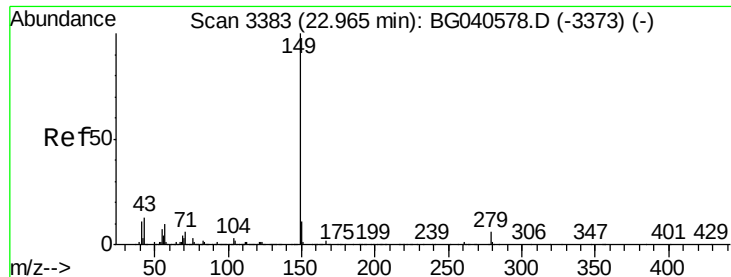
Abundance

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: 54.604 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.02 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

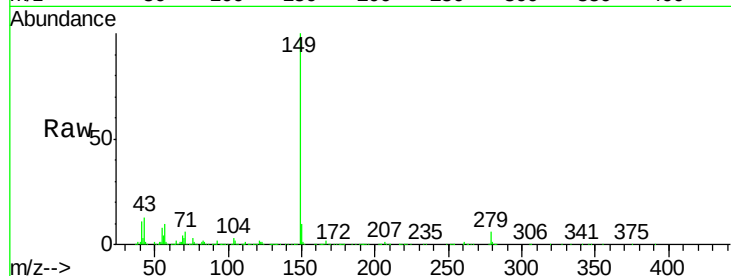
Tot Ion:149 Resp: 1199438

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

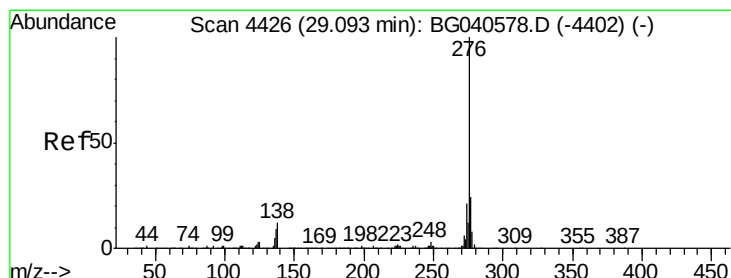
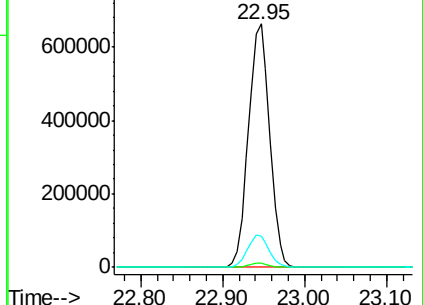
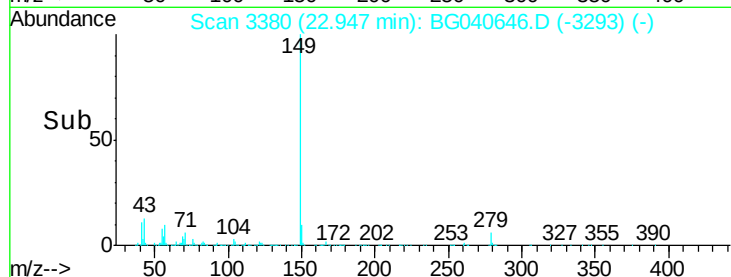
43 13.3 10.2 15.2



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: 55.091 ng

RT: 29.08 min Scan# 4424

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

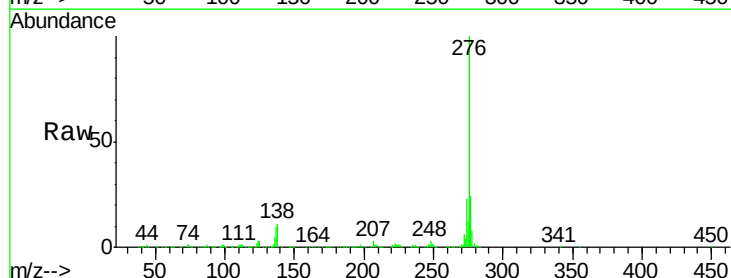
Tgt Ion:276 Resp: 1480839

Ion Ratio Lower Upper

276 100

138 10.1 9.8 14.6

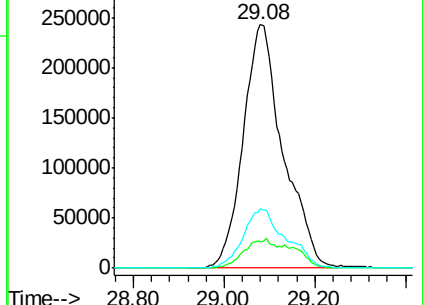
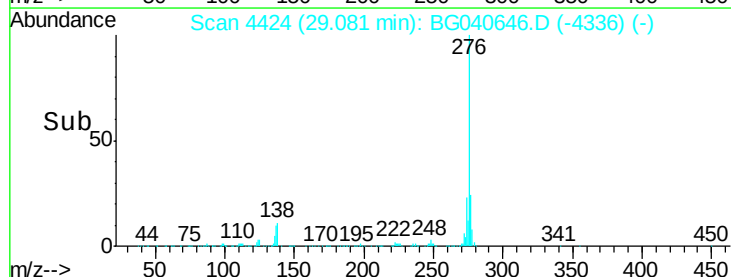
277 25.9 17.3 25.9

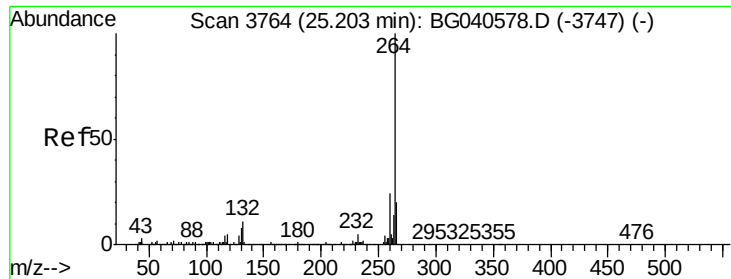


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

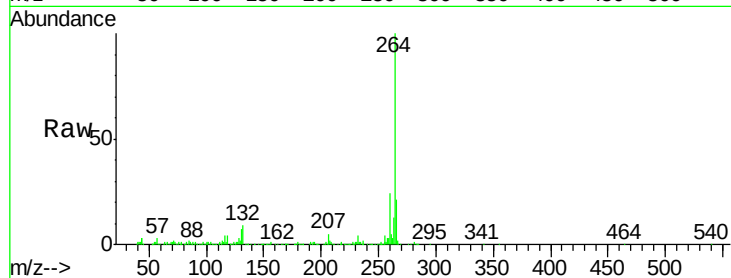
Tot Ion:264 Resp: 406613

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

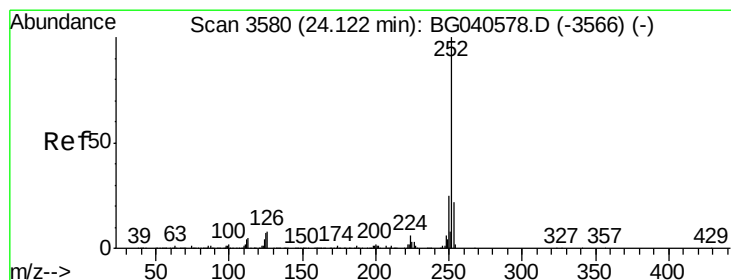
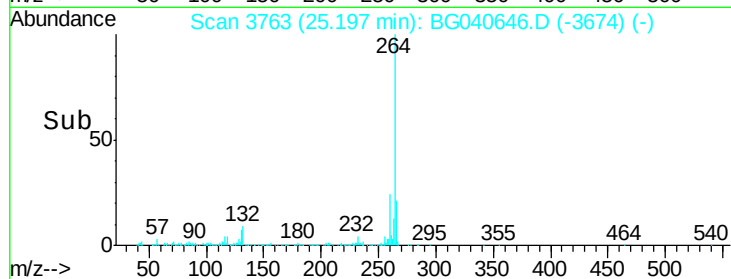
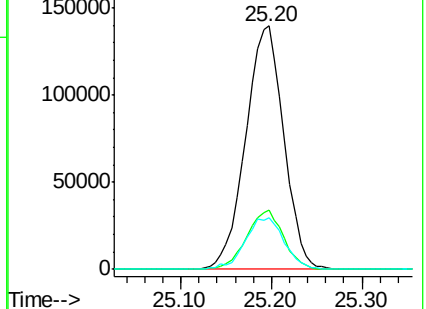
265 21.4 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.621 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

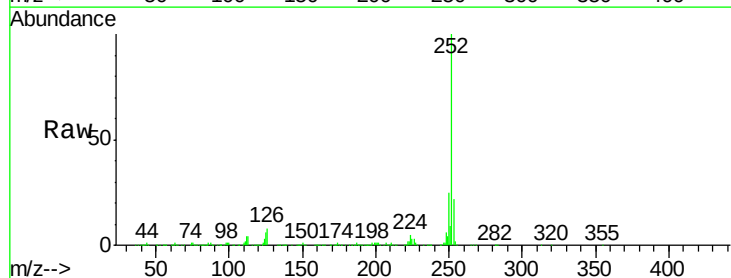
Tgt Ion:252 Resp: 1282665

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

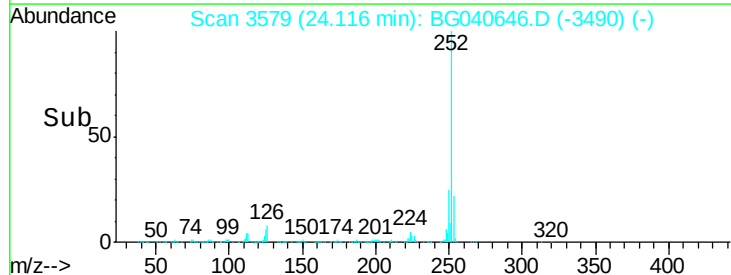
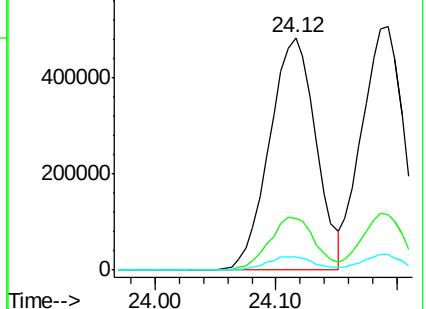
125 5.8 5.4 8.0

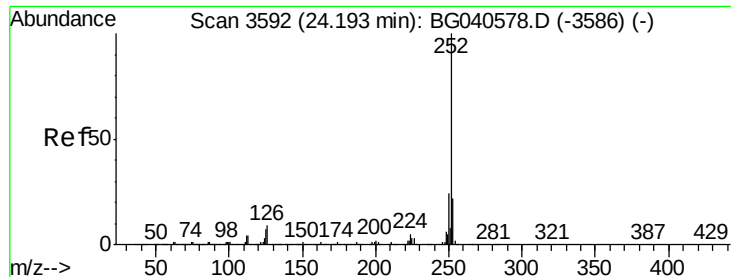


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.761 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.00 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-AMS

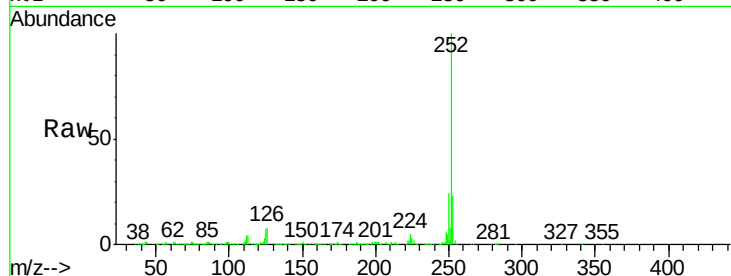
Tot Ion:252 Resp: 1224325

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

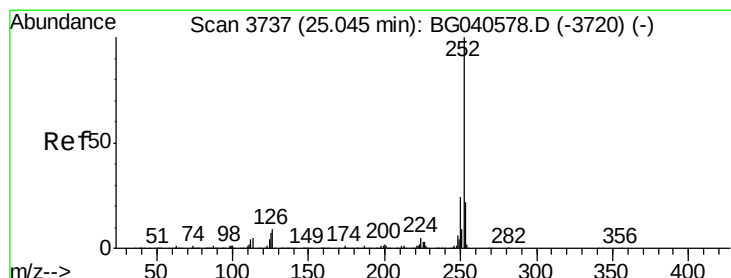
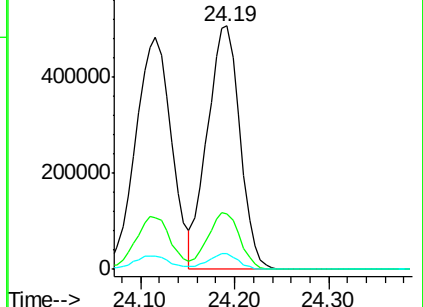
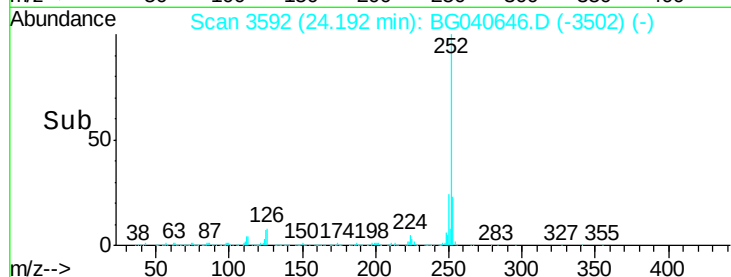
125 6.6 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.462 ng

RT: 25.04 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG040646.D

Acq: 27 Apr 2019 2:55

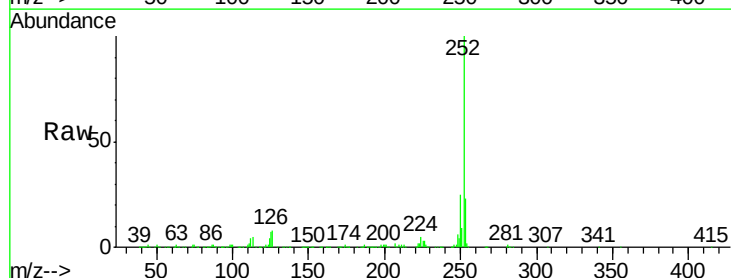
Tgt Ion:252 Resp: 1233918

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

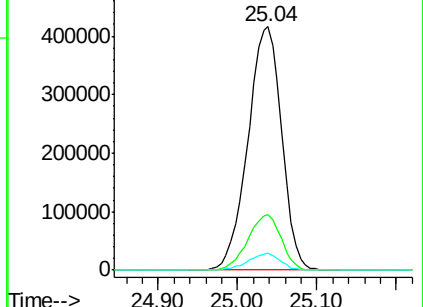
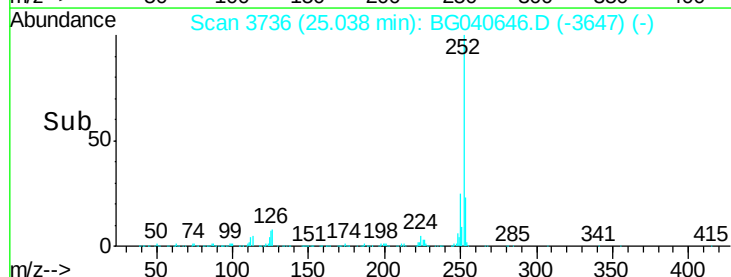
125 7.0 5.7 8.5

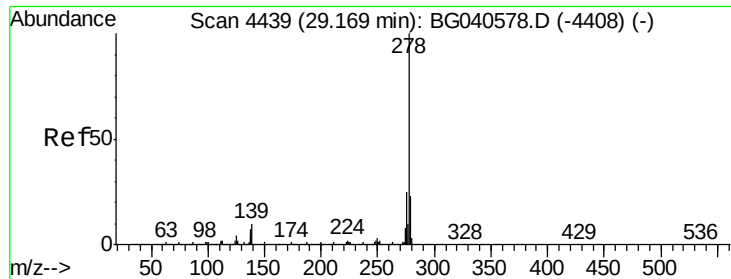


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

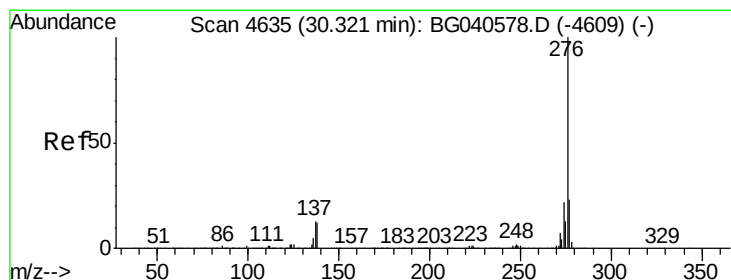
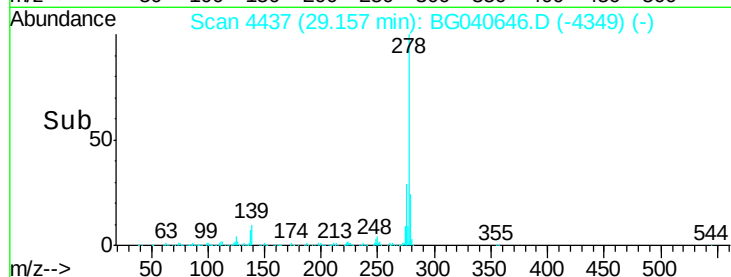
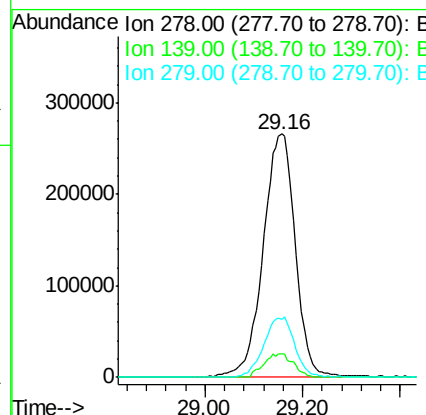
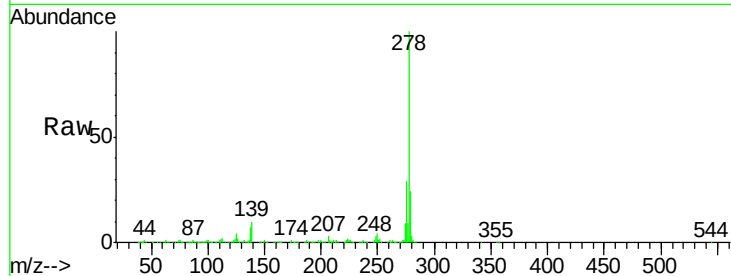




#91
Dibenzo(a,h)anthracene
Concen: 51.161 ng
RT: 29.16 min Scan# 4437
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

Tot Ion:278 Resp: 1217712
Ion Ratio Lower Upper
278 100
139 9.6 8.2 12.4
279 23.7 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 52.170 ng
RT: 30.31 min Scan# 4634
Delta R.T. -0.01 min
Lab File: BG040646.D
Acq: 27 Apr 2019 2:55

Tgt Ion:276 Resp: 1235824
Ion Ratio Lower Upper
276 100
277 23.4 18.4 27.6
138 11.7 9.8 14.6

