

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041131.D
 Acq On : 8 Jun 2019 13:36
 Operator : HP/JU
 Sample : K3153-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-AMS

Quant Time: Jun 09 23:18:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	40747	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	168036	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	129404	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	334786	20.00	ng	0.00
76) Chrysene-d12	21.76	240	342440	20.00	ng	0.00
87) Perylene-d12	25.09	264	364370	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	307239	135.97	ng	0.00
7) Phenol-d6	7.25	99	418101	119.80	ng	0.00
23) Nitrobenzene-d5	9.28	82	343201	90.67	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	282761	147.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	818972	91.14	ng	0.00
79) Terphenyl-d14	20.08	244	1508469	93.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	34178	33.331	ng	# 15
3) Pyridine	3.92	79	92587	30.515	ng	99
4) n-Nitrosodimethylamine	3.84	42	58060	41.231	ng	85
6) Aniline	7.43	93	65221	14.001	ng	97
8) 2-Chlorophenol	7.67	128	119332	44.296	ng	93
9) Benzaldehyde	7.24	77	40245	19.332	ng	90
10) Phenol	7.28	94	139569	37.300	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	109344	40.281	ng	98
12) 1,3-Dichlorobenzene	7.99	146	119338	37.089	ng	97
13) 1,4-Dichlorobenzene	8.14	146	120423	36.975	ng	95
14) 1,2-Dichlorobenzene	8.46	146	118814	37.572	ng	99
15) Benzyl Alcohol	8.35	79	139686	43.270	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	169024	38.106	ng	98
17) 2-Methylphenol	8.54	107	110859	40.919	ng	98
18) Hexachloroethane	9.19	117	47028	37.464	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	106785	39.762	ng	94
20) 3+4-Methylphenols	8.87	107	149827	39.924	ng	96
22) Acetophenone	8.94	105	209870	44.523	ng	# 98
24) Nitrobenzene	9.33	77	171072	44.349	ng	97
25) Isophorone	9.84	82	313969	43.586	ng	100
26) 2-Nitrophenol	10.03	139	72035	45.299	ng	86
27) 2,4-Dimethylphenol	10.08	122	121782	46.370	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	161459	41.529	ng	98
29) 2,4-Dichlorophenol	10.57	162	149204	44.737	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	152164	40.107	ng	98
31) Naphthalene	10.98	128	381383	42.272	ng	97
32) Benzoic acid	10.22	122	66949	35.361	ng	94
33) 4-Chloroaniline	11.10	127	15740	3.760	ng	97
34) Hexachlorobutadiene	11.24	225	108931	37.524	ng	96
35) Caprolactam	11.88	113	37221m	33.796	ng	
36) 4-Chloro-3-methylphenol	12.20	107	175717	46.133	ng	97
37) 2-Methylnaphthalene	12.57	142	306463	44.104	ng	98
38) 1-Methylnaphthalene	12.79	142	289816m	44.261	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	220069	42.194	ng	99

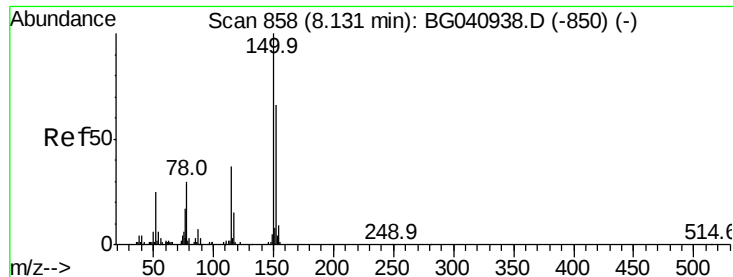
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	247770	87.511	nq	100
43) 2,4,6-Trichlorophenol	13.17	196	151631	44.940	nq	97
44) 2,4,5-Trichlorophenol	13.25	196	158434	44.523	nq	97
46) 1,1'-Biphenyl	13.57	154	420317	43.880	nq	97
47) 2-Chloronaphthalene	13.62	162	346694	42.160	nq	99
48) 2-Nitroaniline	13.83	65	128873	43.685	nq	97
49) Acenaphthylene	14.46	152	554576	44.809	nq	99
50) Dimethylphthalate	14.19	163	480628	43.877	nq	98
51) 2,6-Dinitrotoluene	14.32	165	107237	45.405	nq	97
52) Acenaphthene	14.80	154	324073	43.224	nq	96
53) 3-Nitroaniline	14.65	138	37726	15.974	nq	95
54) 2,4-Dinitrophenol	14.85	184	124582	94.088	nq	95
55) Dibenzofuran	15.13	168	567319	44.969	nq	99
56) 4-Nitrophenol	14.95	139	143919	88.843	nq	94
57) 2,4-Dinitrotoluene	15.10	165	157446	47.193	nq	96
58) Fluorene	15.78	166	455568	45.344	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	166624	47.647	nq	99
60) Diethylphthalate	15.54	149	488269	43.677	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	284810	43.613	nq	94
62) 4-Nitroaniline	15.82	138	102444	40.973	nq	95
63) Azobenzene	16.06	77	452887	44.574	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	90525	50.020	nq	93
66) n-Nitrosodiphenylamine	15.99	169	419180	44.540	nq	98
67) 4-Bromophenyl-phenylether	16.66	248	189853	42.021	nq	99
68) Hexachlorobenzene	16.77	284	196400	40.823	nq	98
69) Atrazine	16.93	200	182429	50.237	nq	98
70) Pentachlorophenol	17.12	266	226733	87.550	nq	97
71) Phenanthrene	17.53	178	781960	44.841	nq	98
72) Anthracene	17.61	178	800934	46.569	nq	99
73) Carbazole	17.89	167	699396	47.393	nq	100
74) Di-n-butylphthalate	18.42	149	817683	44.580	nq	99
75) Fluoranthene	19.53	202	1022360	47.465	nq	99
77) Benzidine	19.71	184	31099	3.807	nq	93
78) Pyrene	19.89	202	1026000	46.090	nq	99
80) Butylbenzylphthalate	20.75	149	391868	45.235	nq	100
81) Benzo(a)anthracene	21.74	228	1011074	44.355	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	143313	17.875	nq	99
83) Chrysene	21.81	228	985281	45.168	nq	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	536918	44.028	nq	99
85) Di-n-octyl phthalate	22.84	149	926752	45.630	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1210087	45.285	nq	# 99
88) Benzo(b)fluoranthene	24.02	252	1023079	46.293	nq	98
89) Benzo(k)fluoranthene	24.09	252	1005842	45.992	nq	99
90) Benzo(a)pyrene	24.93	252	1000089	47.431	nq	96
91) Dibenzo(a,h)anthracene	28.98	278	996161	47.282	nq	100
92) Benzo(g,h,i)perylene	30.12	276	1002464	48.975	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

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ClientSampleId :

HR-05-060519-AMS

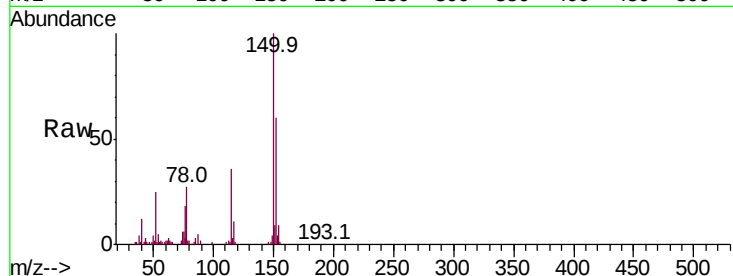
Tot Ion:152 Resp: 40747

Ion Ratio Lower Upper

152 100

150 167.0 120.6 180.8

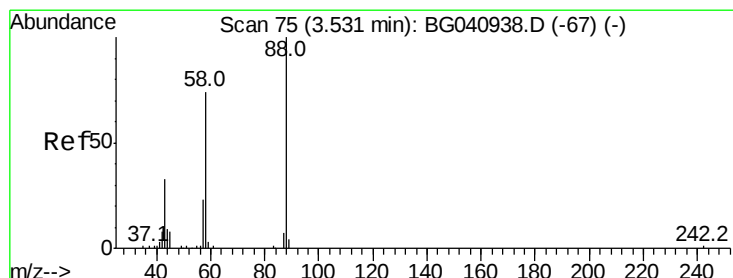
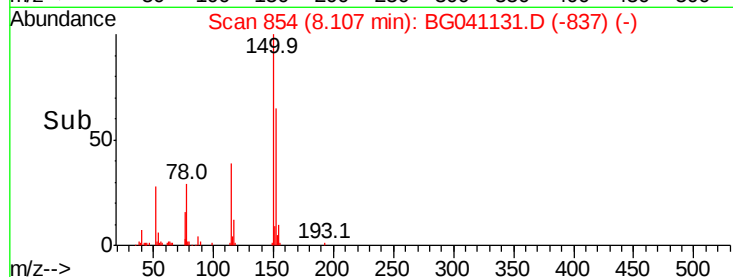
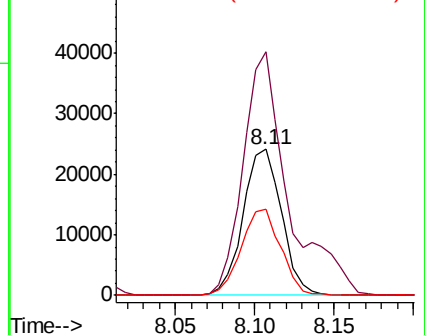
115 59.4 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.331 ng

RT: 3.51 min Scan# 71

Delta R.T. 0.01 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

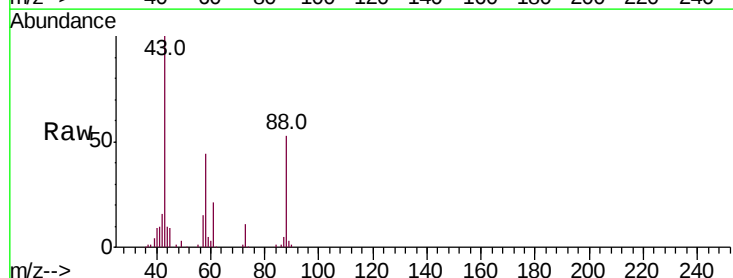
Tgt Ion: 88 Resp: 34178

Ion Ratio Lower Upper

88 100

58 79.9 59.0 88.6

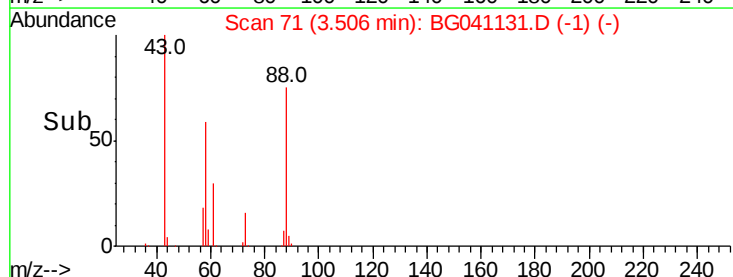
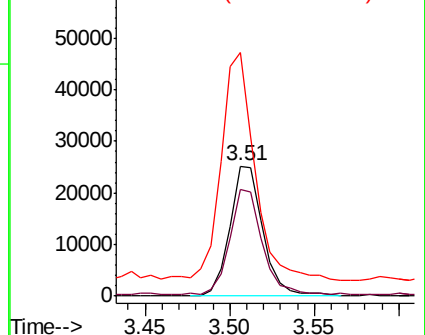
43 179.8 27.2 40.8#

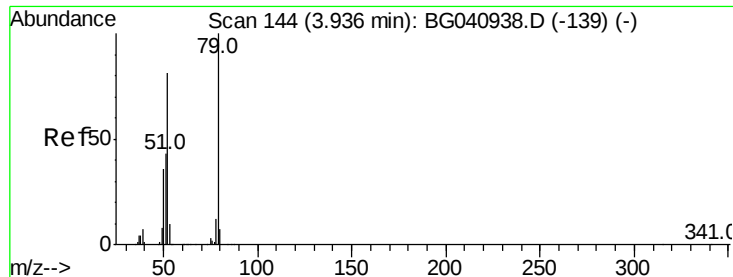


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.515 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

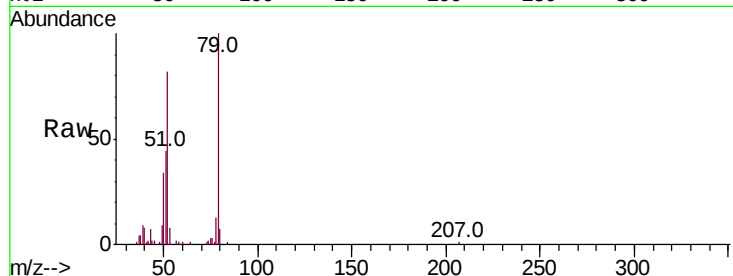
Tot Ion: 79 Resp: 92587

Ion Ratio Lower Upper

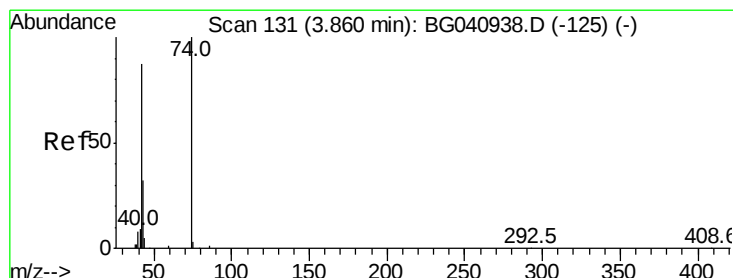
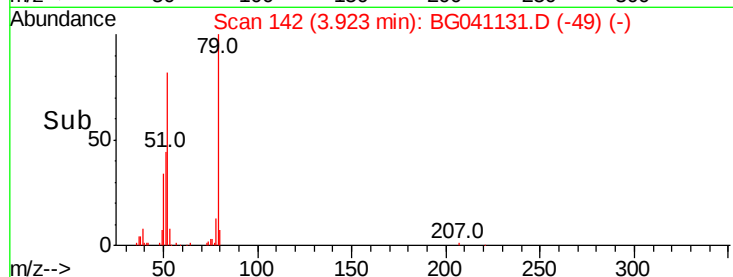
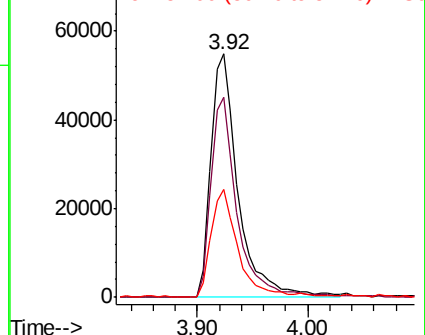
79 100

52 82.2 64.8 97.2

51 44.3 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.231 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

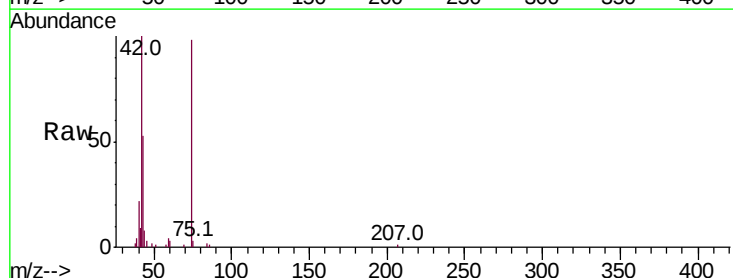
Tgt Ion: 42 Resp: 58060

Ion Ratio Lower Upper

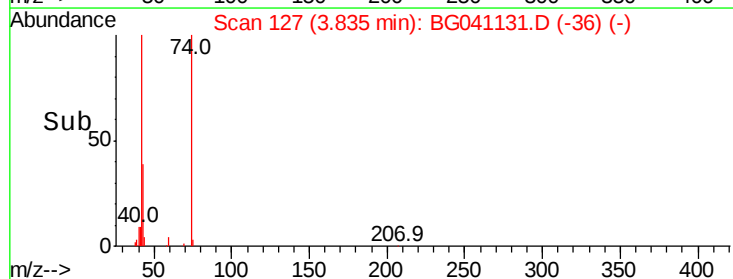
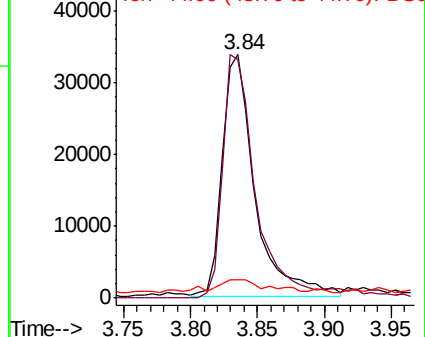
42 100

74 97.8 91.8 137.6

44 7.7 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 135.965 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

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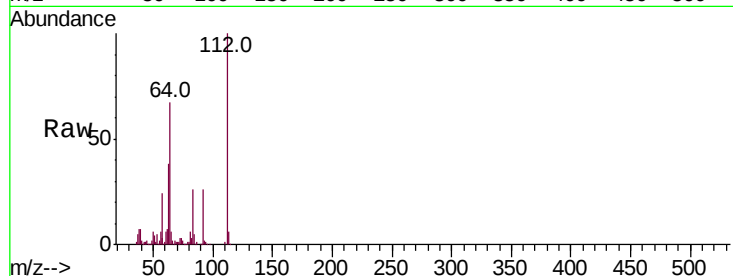
Tot Ion:112 Resp: 307239

Ion Ratio Lower Upper

112 100

64 66.8 56.2 84.2

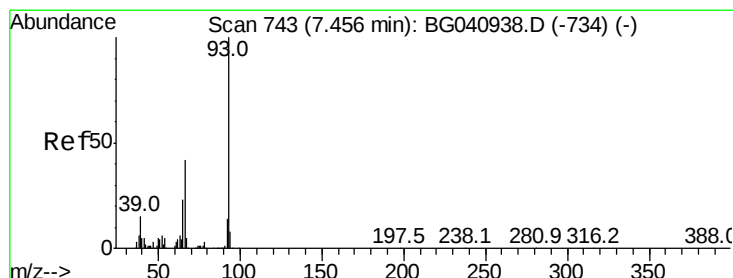
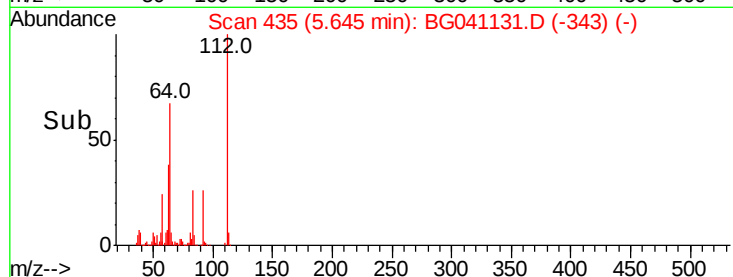
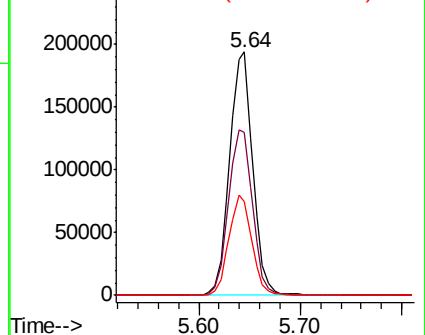
63 38.5 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.001 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

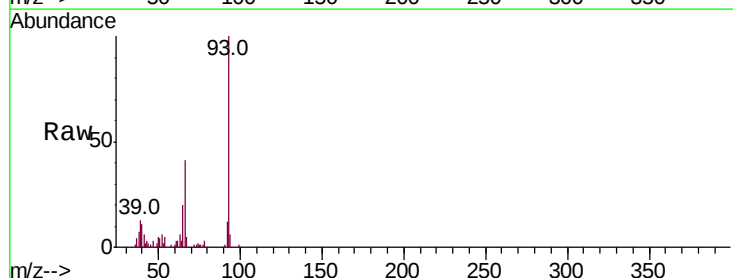
Tgt Ion: 93 Resp: 65221

Ion Ratio Lower Upper

93 100

66 41.2 33.8 50.8

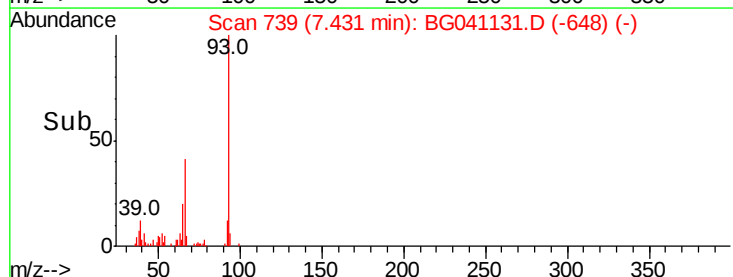
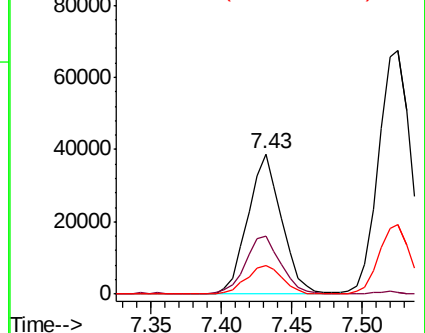
65 20.0 18.3 27.5

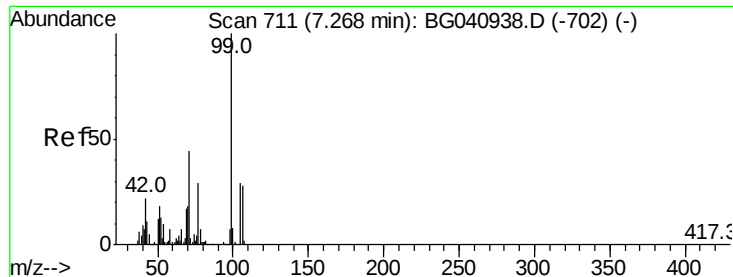


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.805 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041131.D

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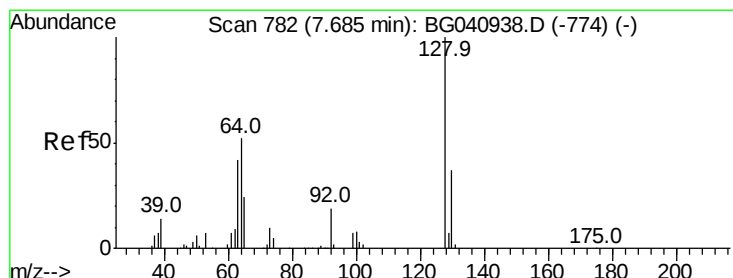
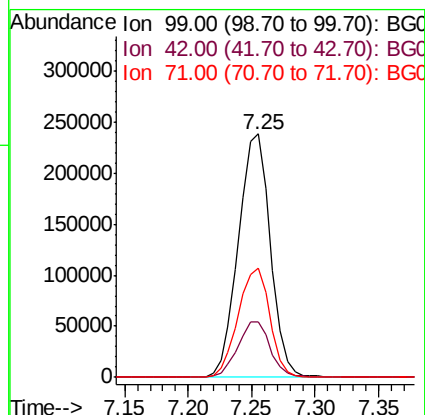
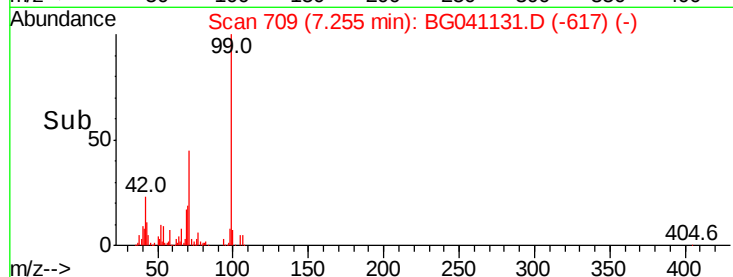
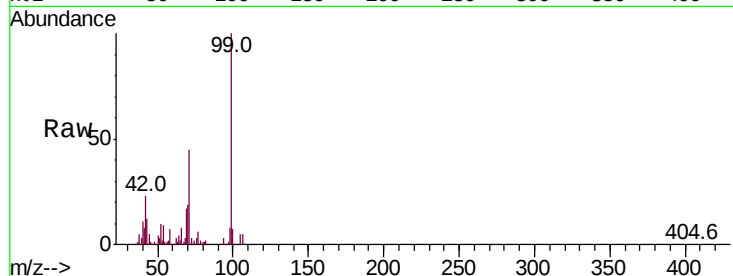
Tot Ion: 99 Resp: 418101

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 44.9 35.4 53.0



#8

2-Chlorophenol

Concen: 44.296 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

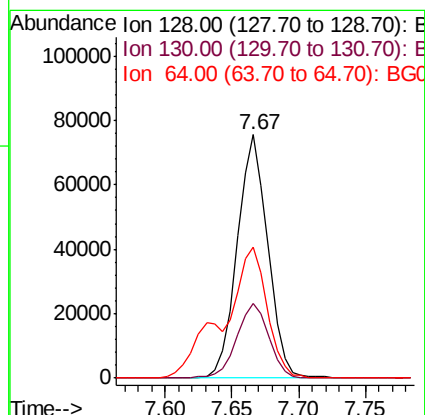
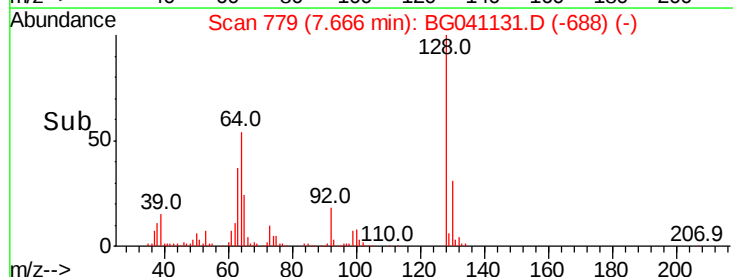
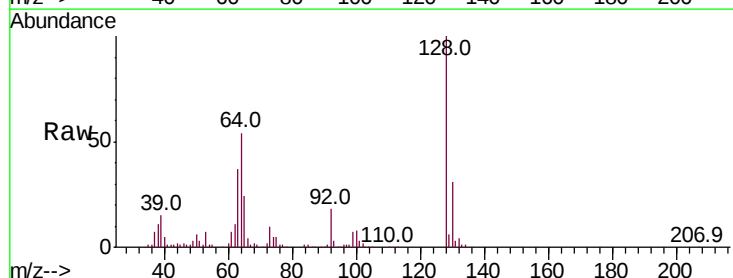
Tgt Ion: 128 Resp: 119332

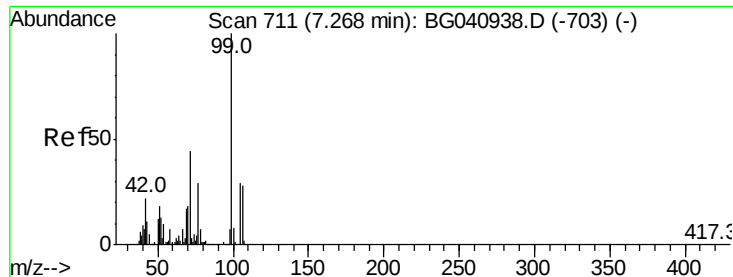
Ion Ratio Lower Upper

128 100

130 30.7 16.6 56.6

64 53.8 37.8 77.8





#9

Benzaldehyde

Concen: 19.332 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041131.D

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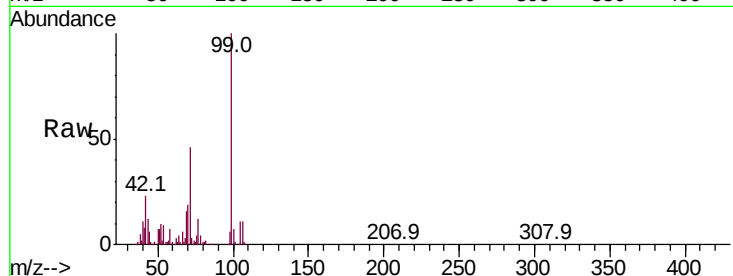
Tot Ion: 77 Resp: 40245

Ion Ratio Lower Upper

77 100

105 88.3 78.9 118.9

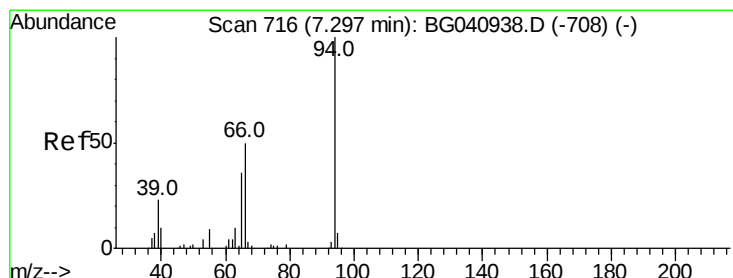
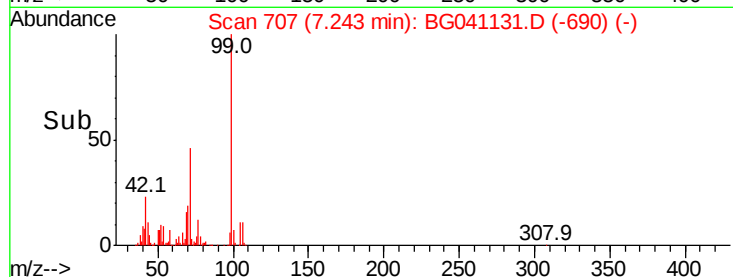
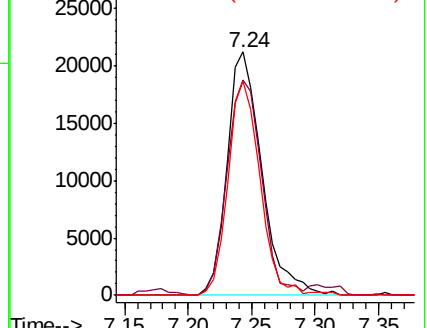
106 88.1 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.300 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

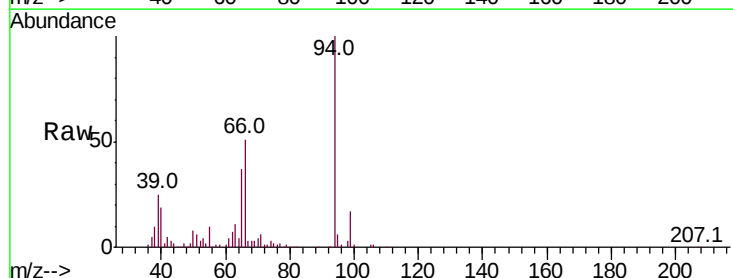
Tgt Ion: 94 Resp: 139569

Ion Ratio Lower Upper

94 100

65 37.4 17.0 57.0

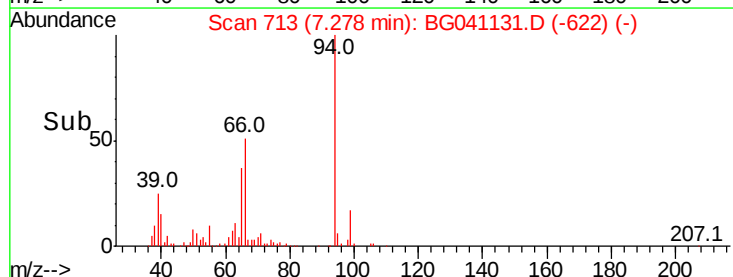
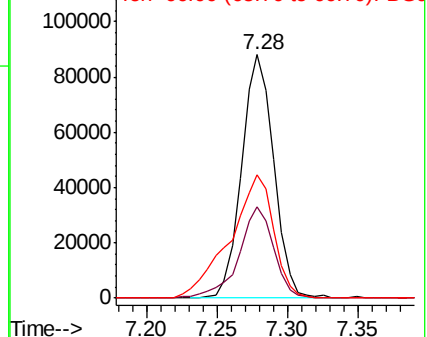
66 50.7 32.4 72.4

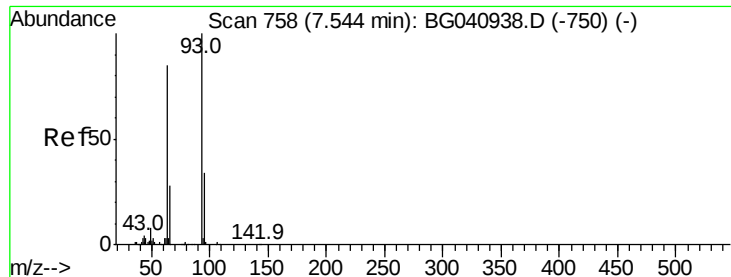


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

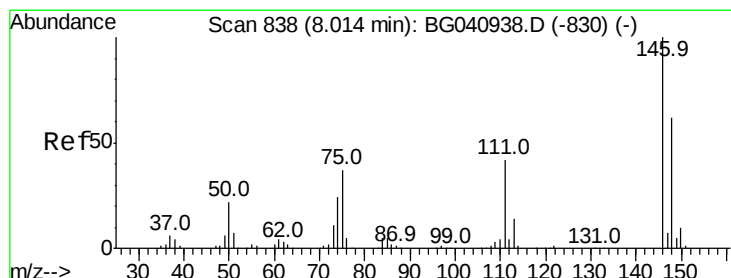
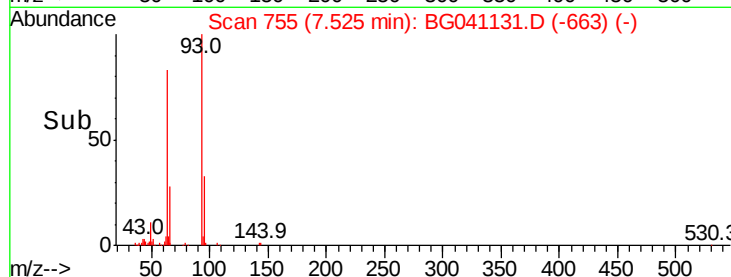
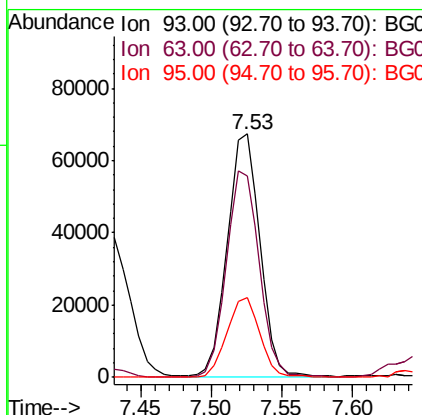
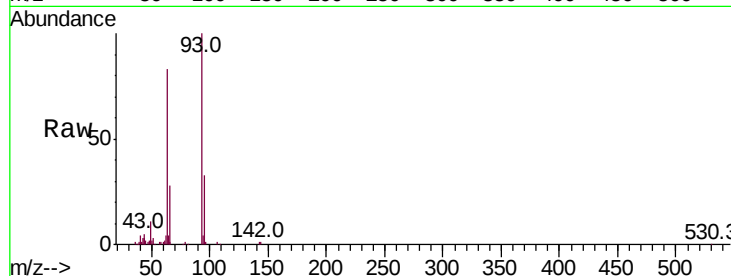




#11
bis(2-Chloroethyl)ether
Concen: 40.281 ng
RT: 7.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

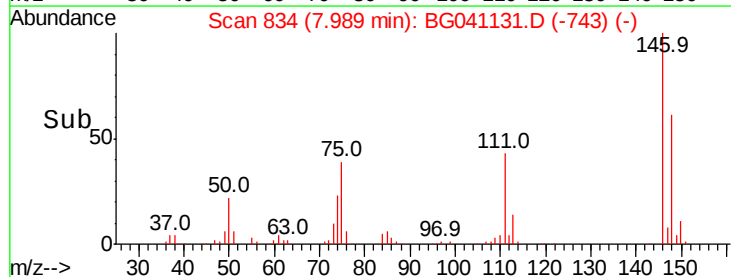
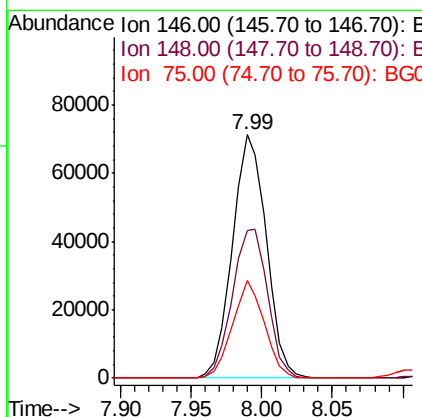
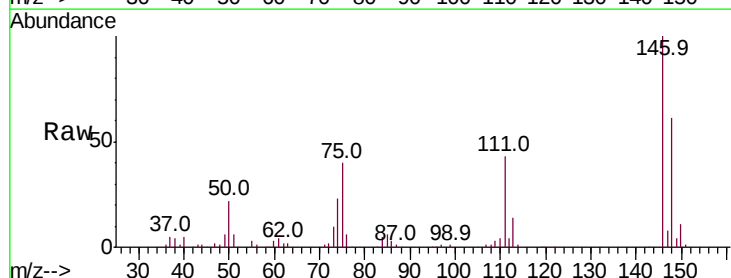
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

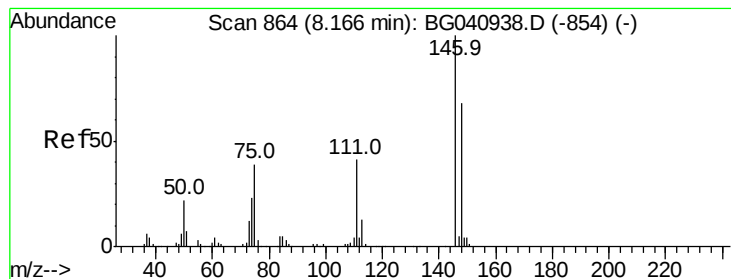
Tot Ion: 93 Resp: 109344
Ion Ratio Lower Upper
93 100
63 82.8 64.5 104.5
95 32.6 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 37.089 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion: 146 Resp: 119338
Ion Ratio Lower Upper
146 100
148 60.8 49.2 73.8
75 39.9 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 36.975 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

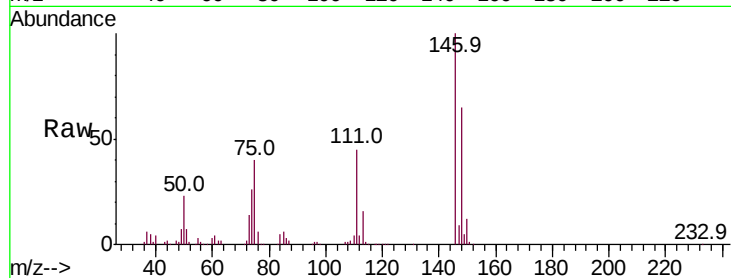
Tot Ion:146 Resp: 120423

Ion Ratio Lower Upper

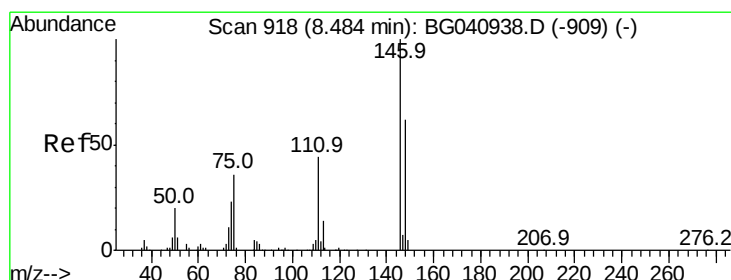
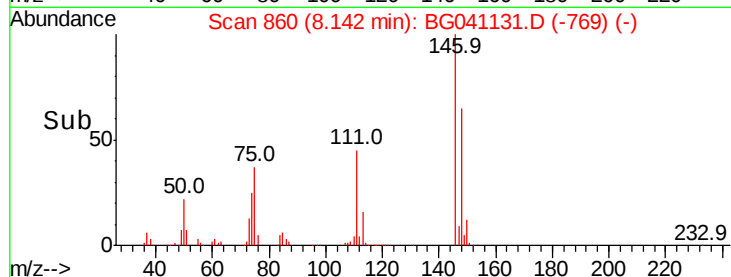
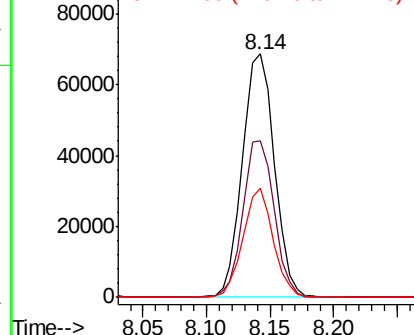
146 100

148 64.6 54.2 81.4

111 44.8 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.572 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

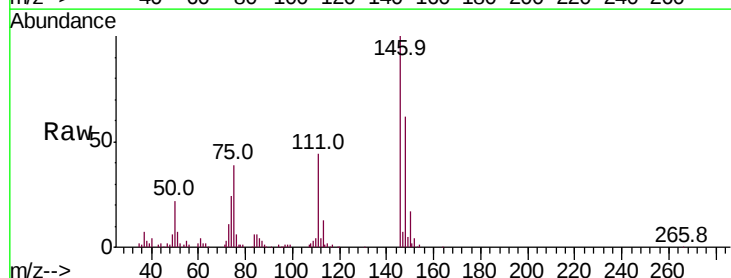
Tgt Ion:146 Resp: 118814

Ion Ratio Lower Upper

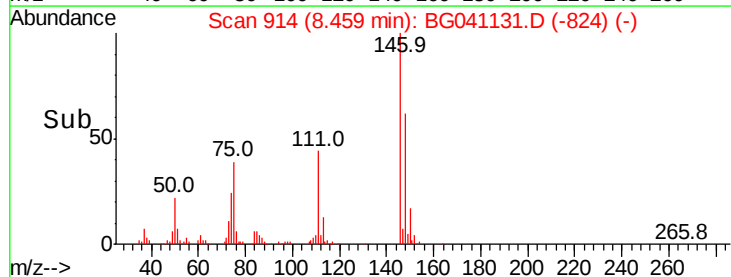
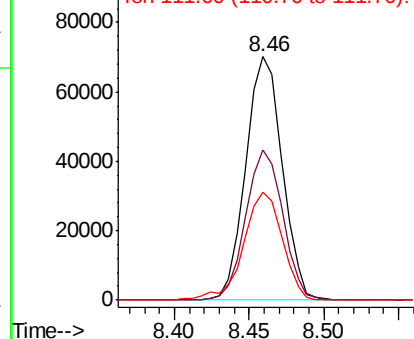
146 100

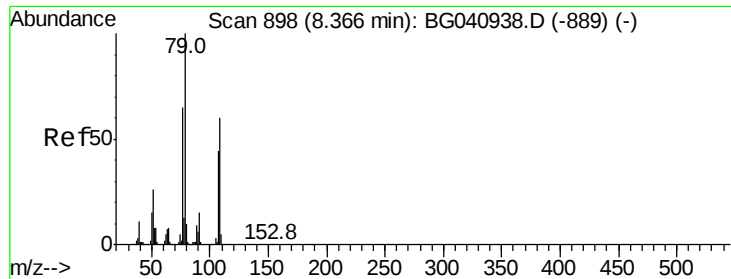
148 61.8 49.8 74.6

111 44.2 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.270 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

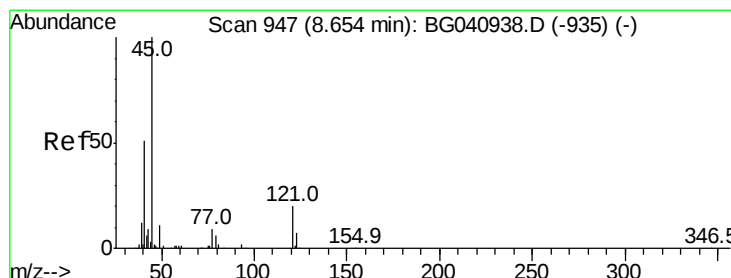
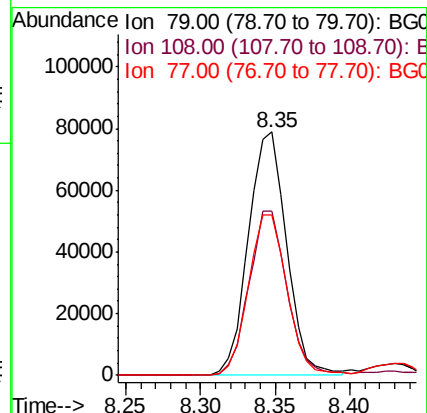
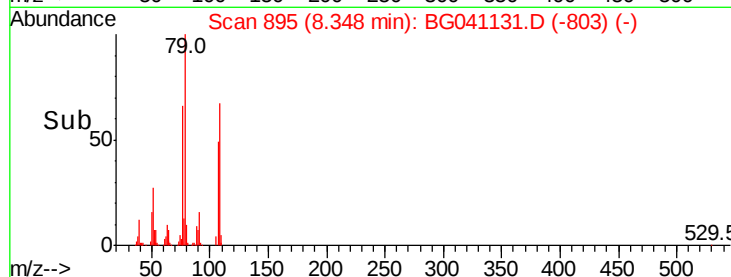
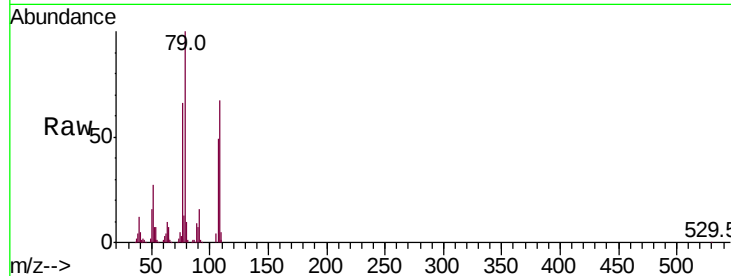
Tot Ion: 79 Resp: 139686

Ion Ratio Lower Upper

79 100

108 67.2 48.3 72.5

77 66.0 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.106 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

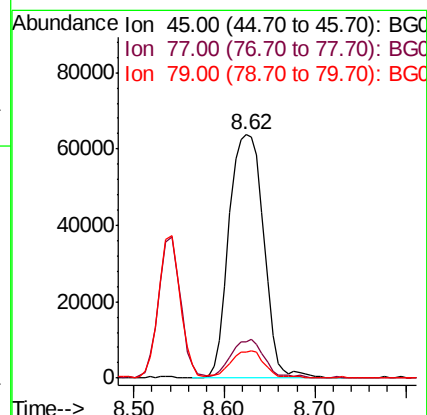
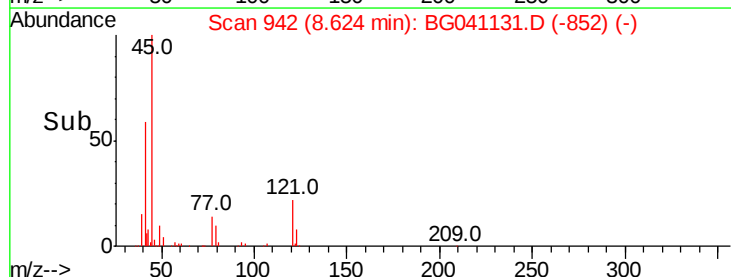
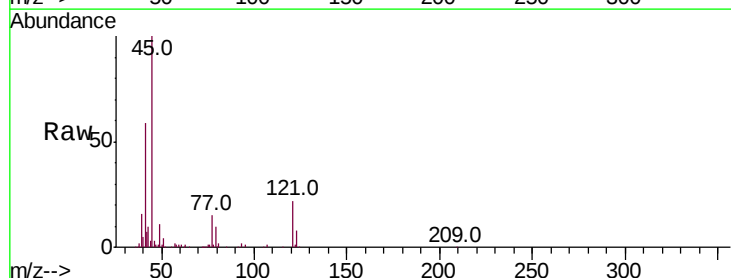
Tgt Ion: 45 Resp: 169024

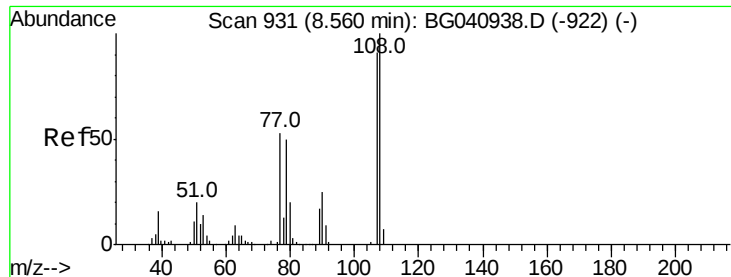
Ion Ratio Lower Upper

45 100

77 14.9 0.0 33.7

79 10.5 0.0 30.2





#17

2-Methylphenol

Concen: 40.919 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

Tot Ion:107 Resp: 110859

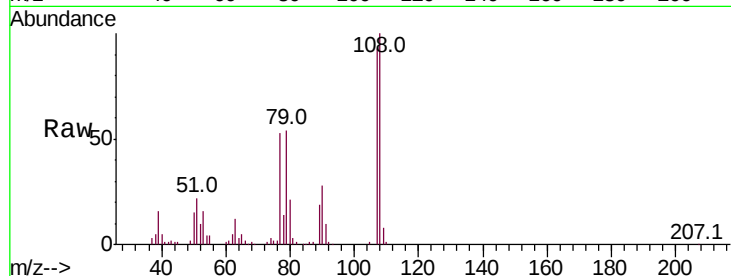
Ion Ratio Lower Upper

107 100

108 107.4 87.7 131.5

77 57.1 46.6 70.0

79 57.5 44.6 66.8

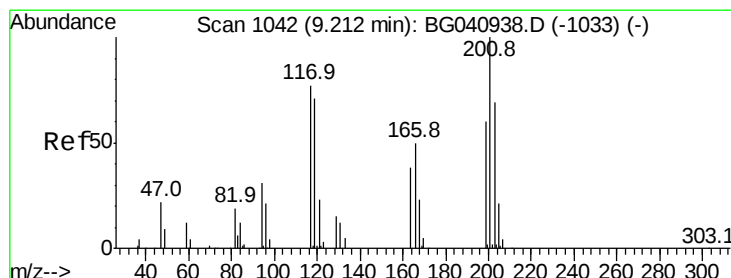
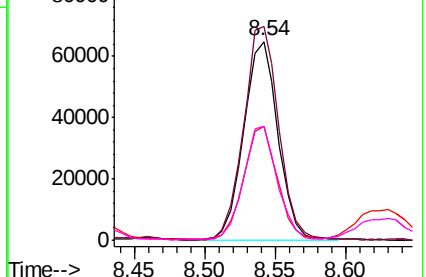
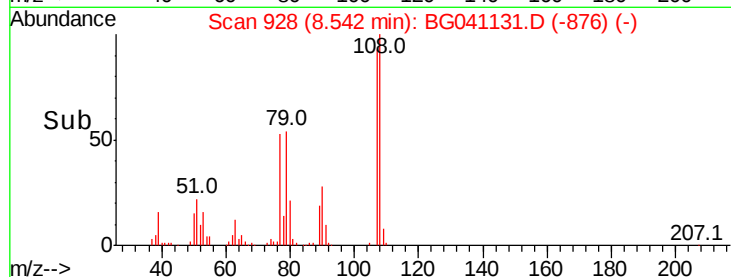


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 37.464 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

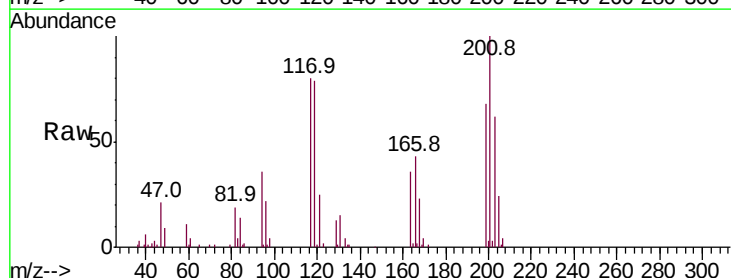
Tgt Ion:117 Resp: 47028

Ion Ratio Lower Upper

117 100

119 98.7 75.0 112.6

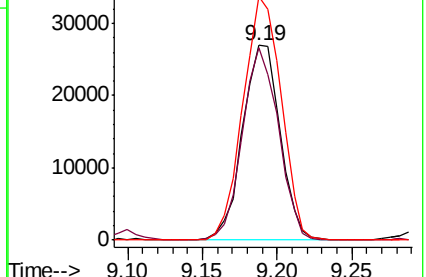
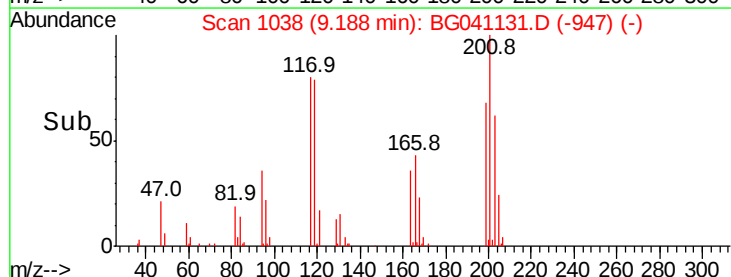
201 125.1 103.5 155.3

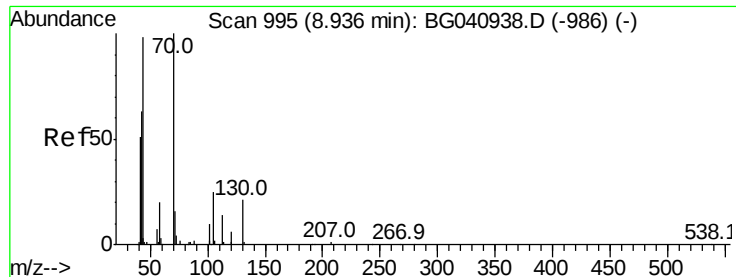


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

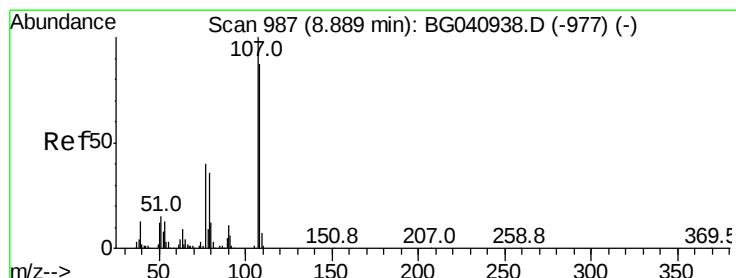
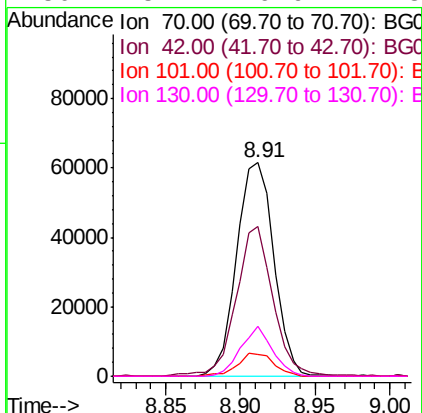
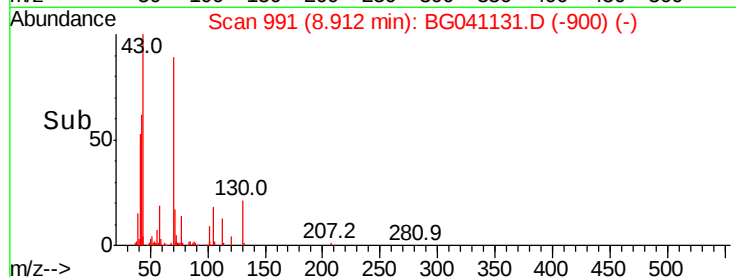
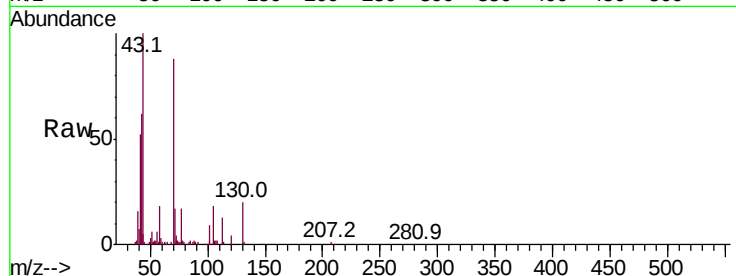




#19
n-Nitroso-di-n-propylamine
Concen: 39.762 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

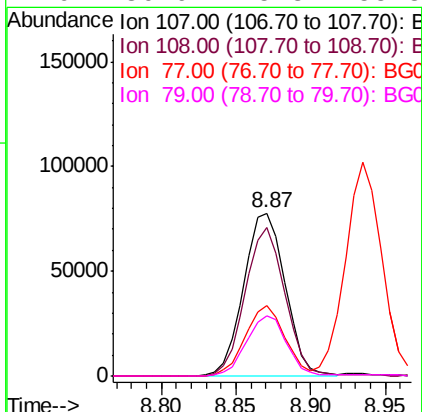
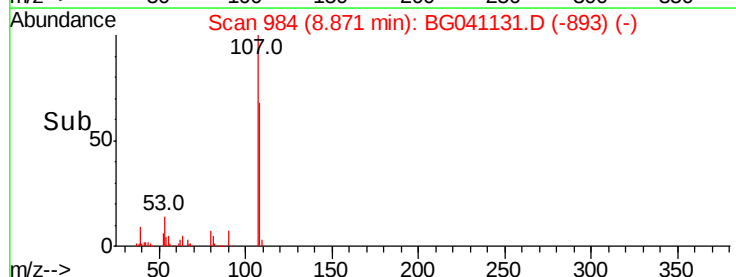
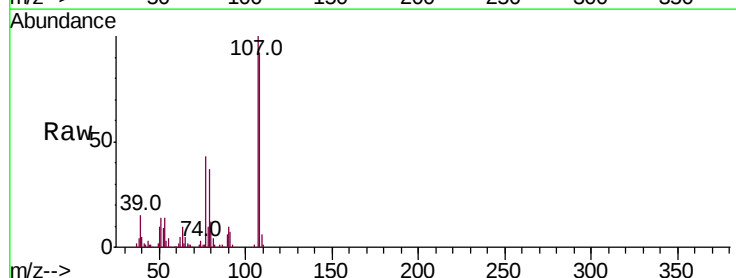
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

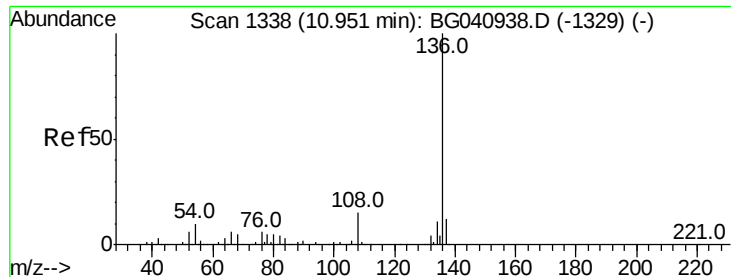
Tot Ion:	70	Resp:	106785
Ion	Ratio	Lower	Upper
70	100		
42	70.2	51.5	77.3
101	10.4	8.1	12.1
130	23.1	16.6	24.8



#20
3+4-Methylphenols
Concen: 39.924 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion:	107	Resp:	149827
Ion	Ratio	Lower	Upper
107	100		
108	91.5	66.8	106.8
77	43.2	20.5	60.5
79	36.6	15.8	55.8

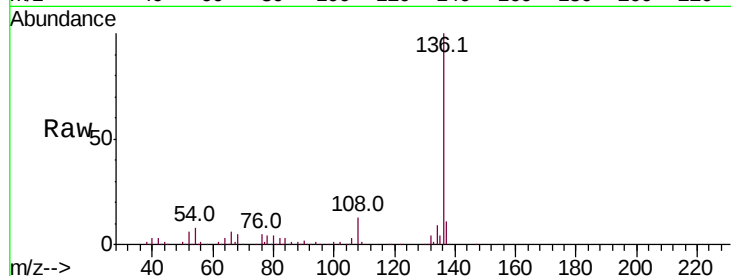




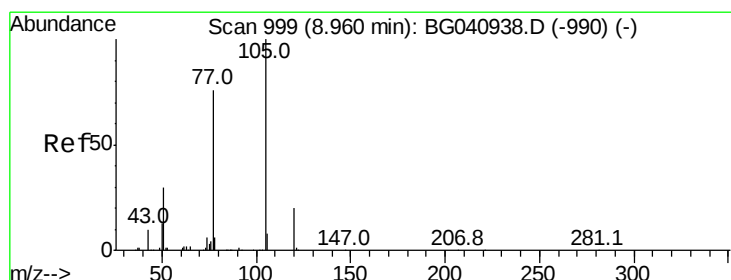
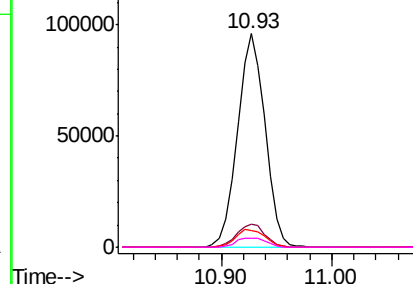
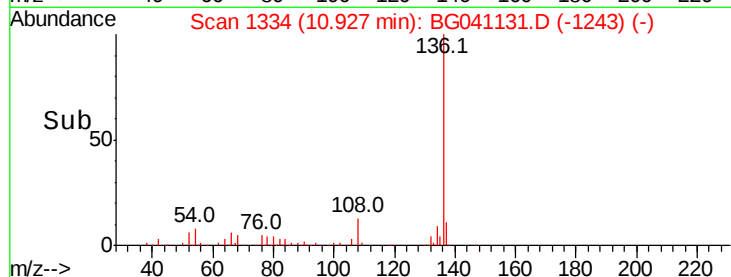
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

Tot Ion:136	Resp: 168036
Ion Ratio	Lower Upper
136 100	
137 10.9	9.5 14.3
54 8.1	7.6 11.4
68 4.5	3.9 5.9

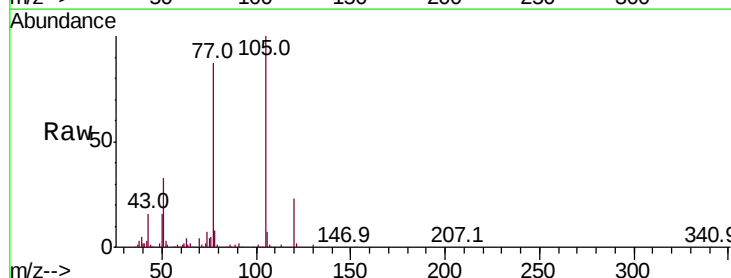


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

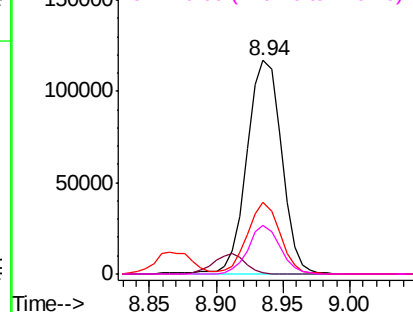
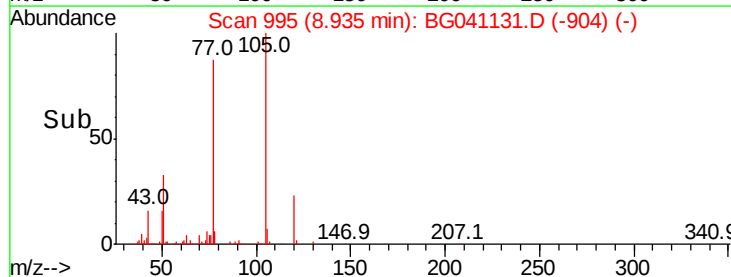


#22
Acetophenone
Concen: 44.523 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt	Ion:105	Resp:	209870
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6#
51	33.5	27.0	40.6
120	22.6	16.2	24.4



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

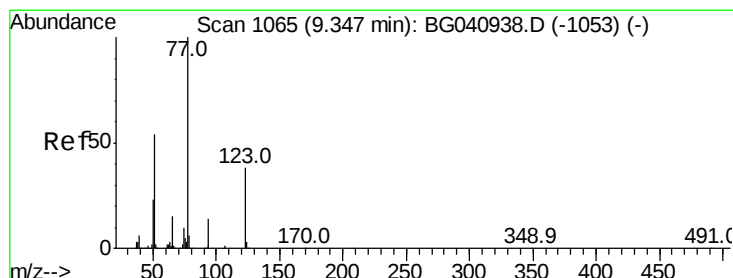
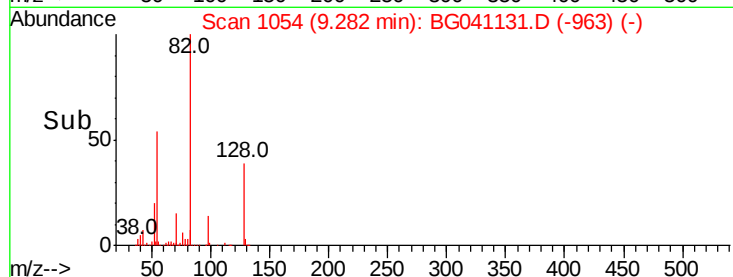
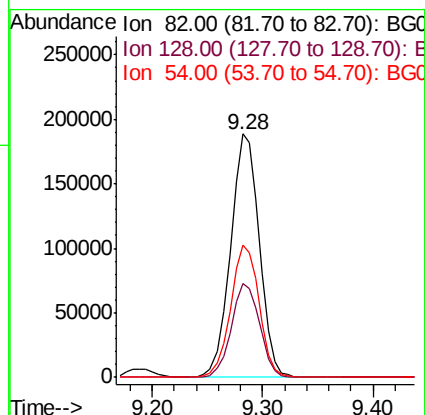
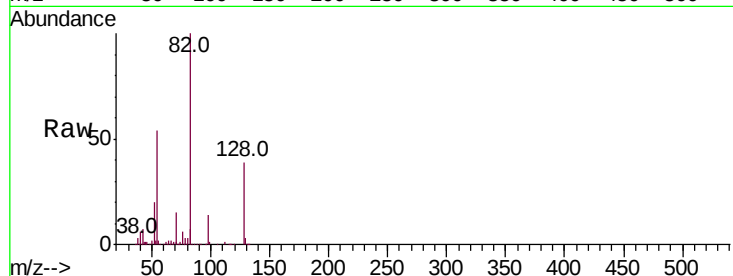




#23
 Nitrobenzene-d5
 Concen: 90.671 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041131.D
 Acq: 8 Jun 2019 13:36

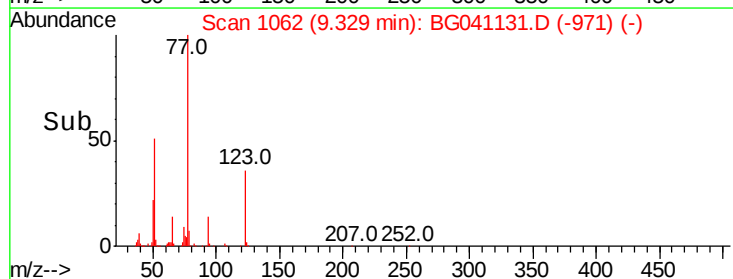
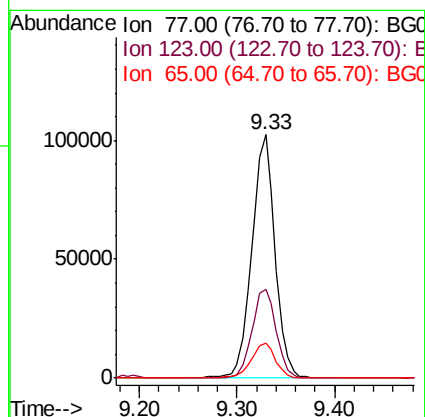
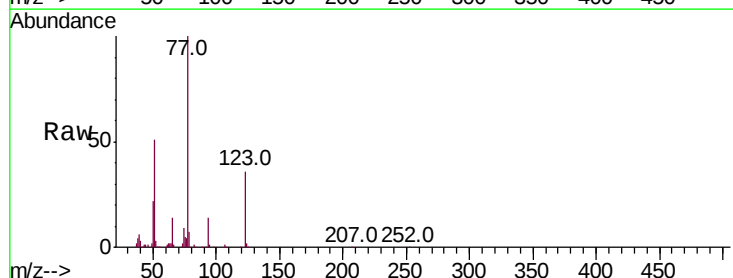
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-AMS

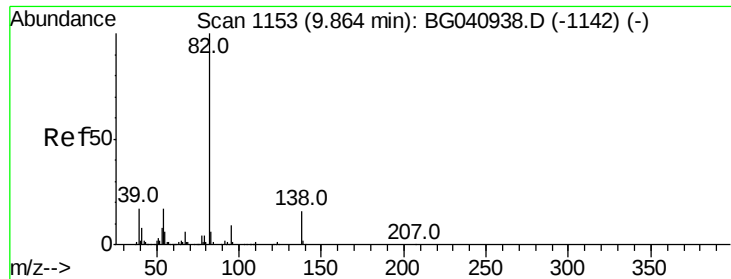
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.5	45.7
54	54.1	44.6	66.8



#24
 Nitrobenzene
 Concen: 44.349 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041131.D
 Acq: 8 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.4	30.6	46.0
65	14.4	12.3	18.5





#25

Isophorone

Concen: 43.586 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

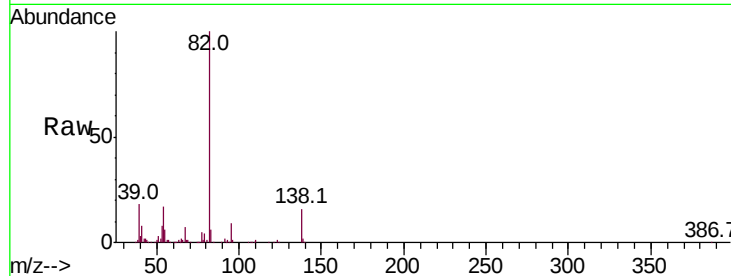
Tot Ion: 82 Resp: 313969

Ion Ratio Lower Upper

82 100

95 8.6 7.0 10.4

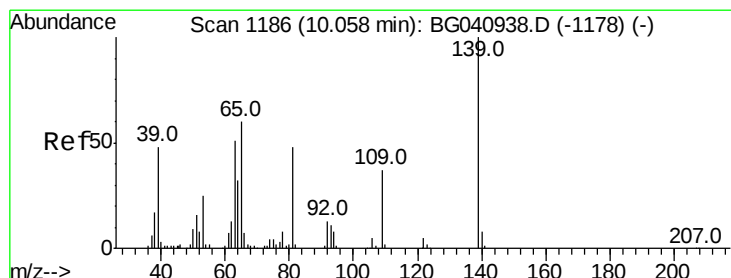
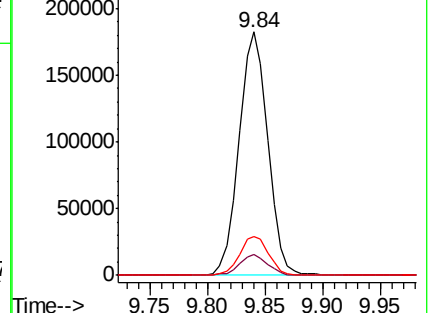
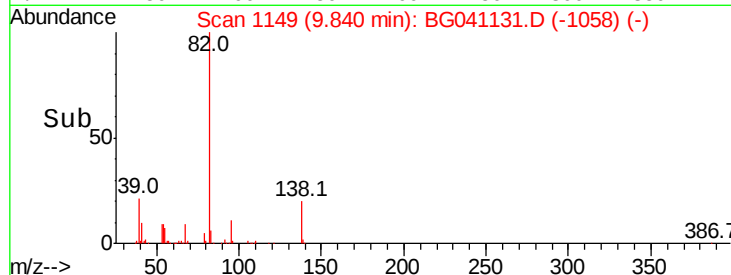
138 15.7 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)



#26

2-Nitrophenol

Concen: 45.299 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

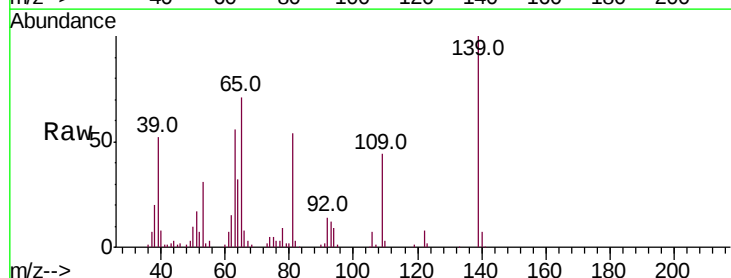
Tgt Ion: 139 Resp: 72035

Ion Ratio Lower Upper

139 100

109 44.1 29.8 44.6

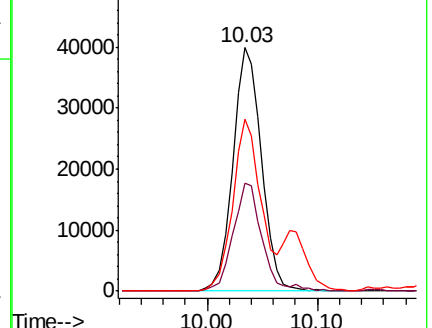
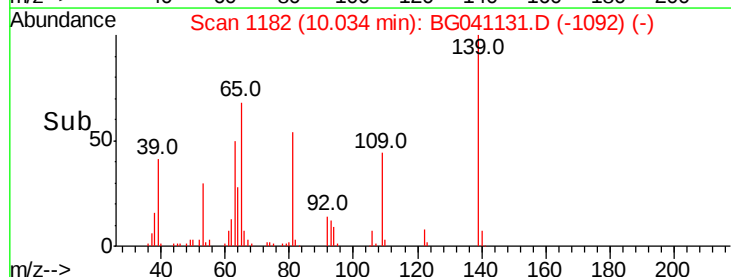
65 70.8 47.8 71.6

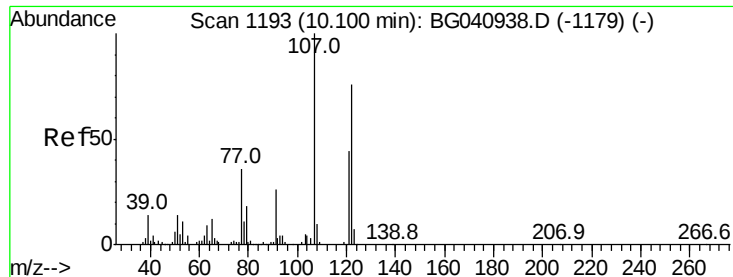


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

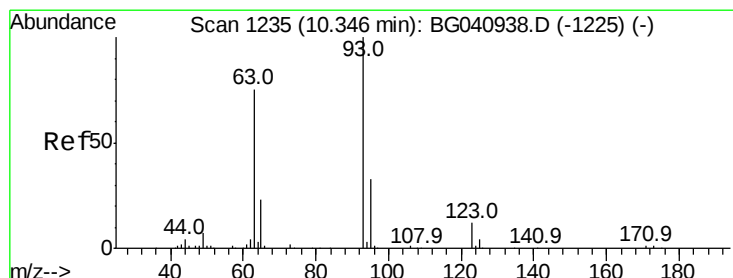
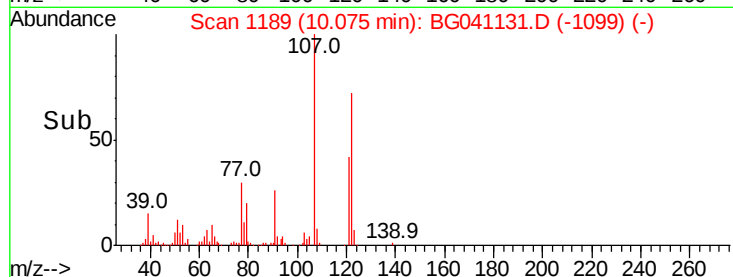
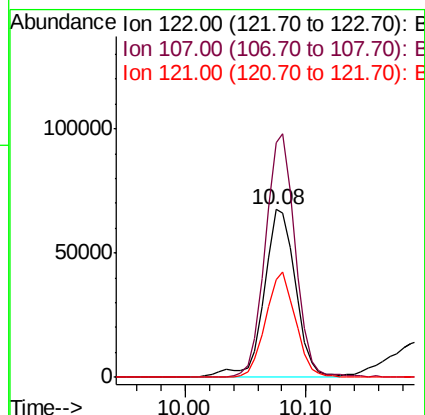
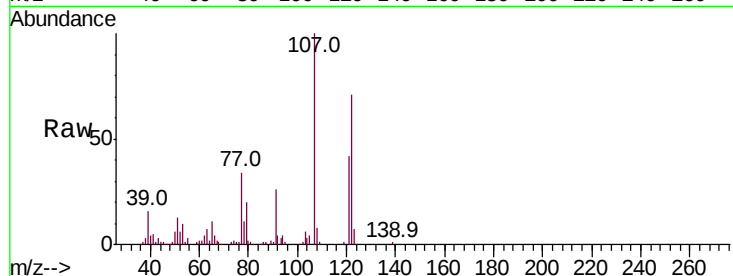




#27
2,4-Dimethylphenol
Concen: 46.370 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

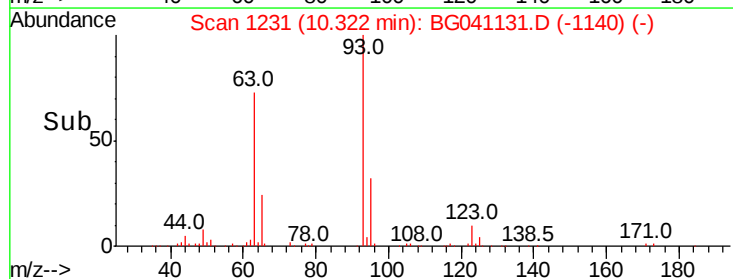
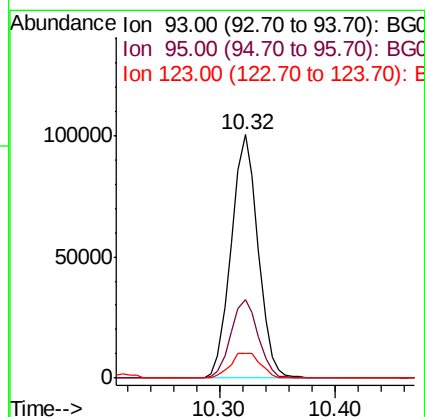
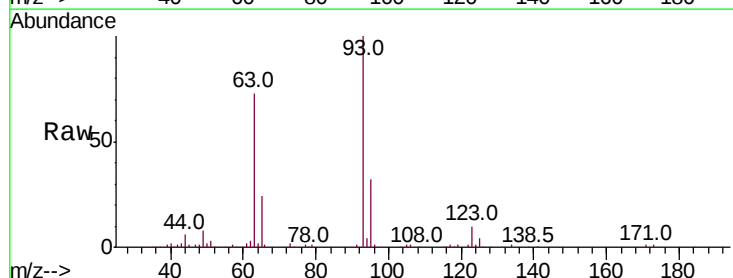
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

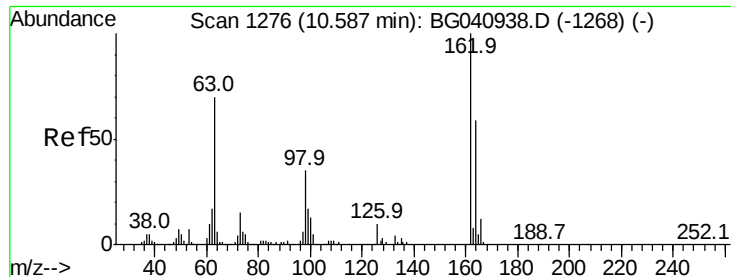
Tot Ion:122 Resp: 121782
Ion Ratio Lower Upper
122 100
107 139.9 105.9 158.9
121 58.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.529 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion: 93 Resp: 161459
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 10.3 9.5 14.3

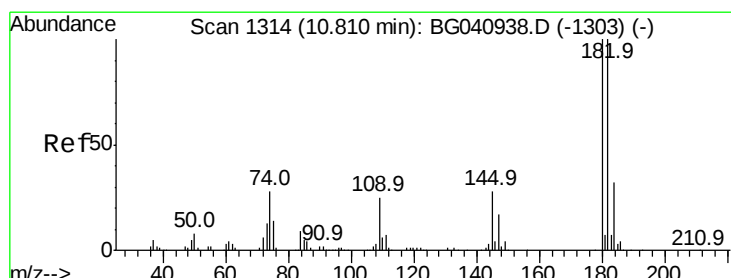
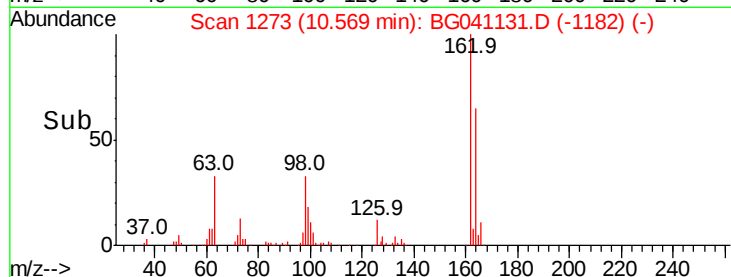
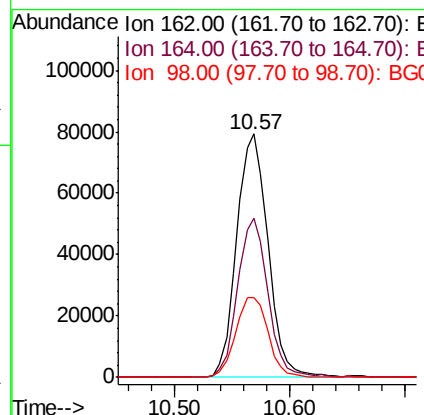
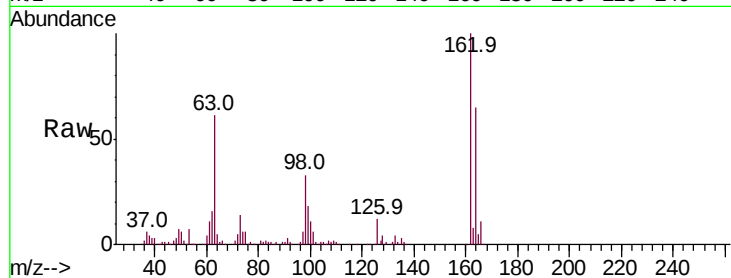




#29
2,4-Dichlorophenol
Concen: 44.737 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

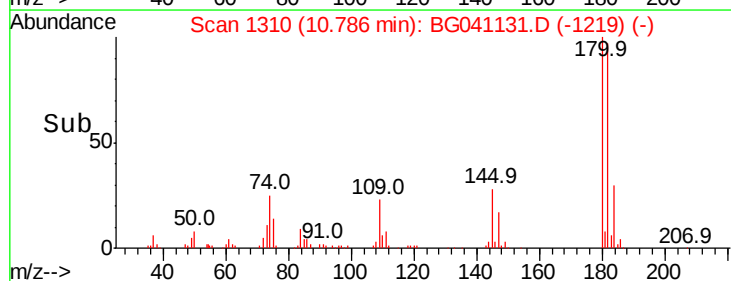
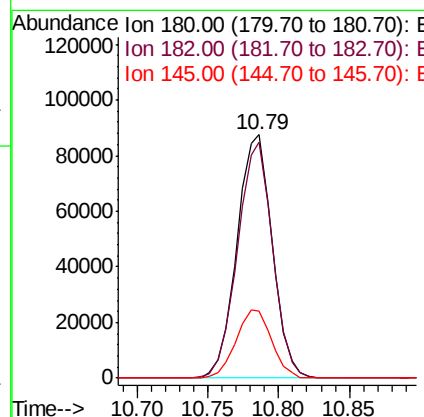
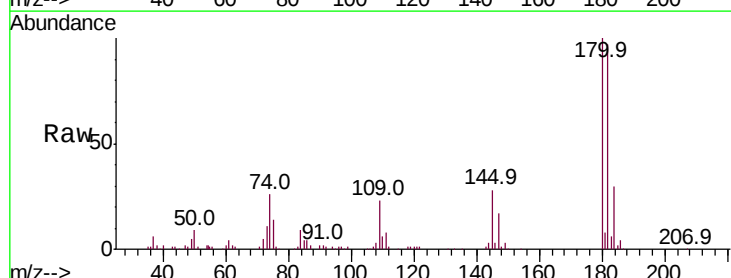
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

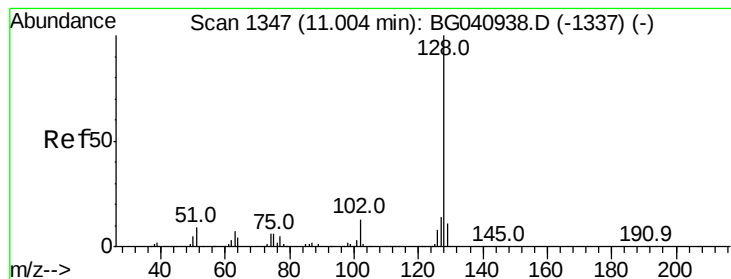
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	39.4	79.4
98	32.8	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 40.107 ng
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	79.7	119.5
145	27.6	22.6	34.0





#31

Naphthalene

Concen: 42.272 ng

RT: 10.98 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

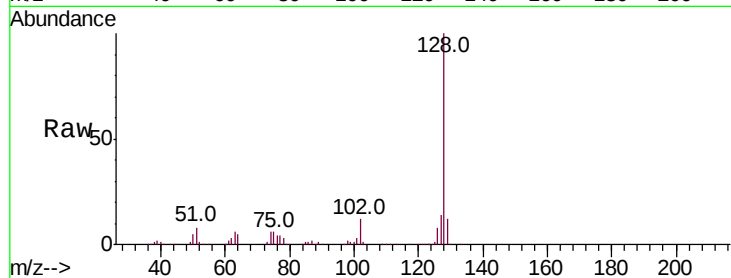
Tot Ion:128 Resp: 381383

Ion Ratio Lower Upper

128 100

129 11.9 8.5 12.7

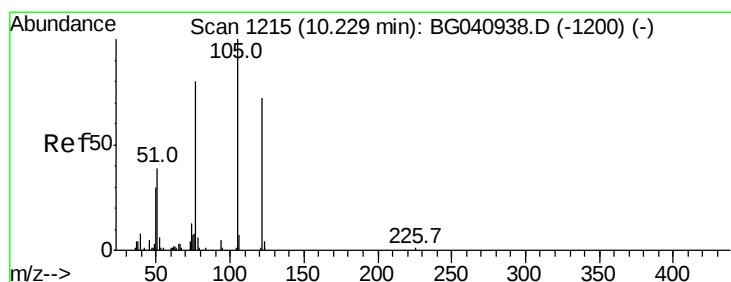
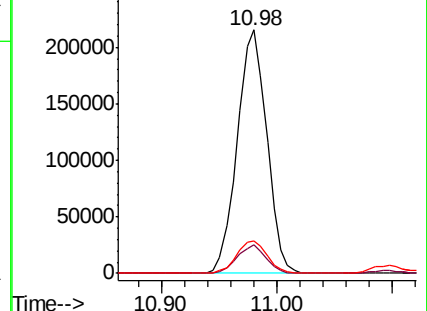
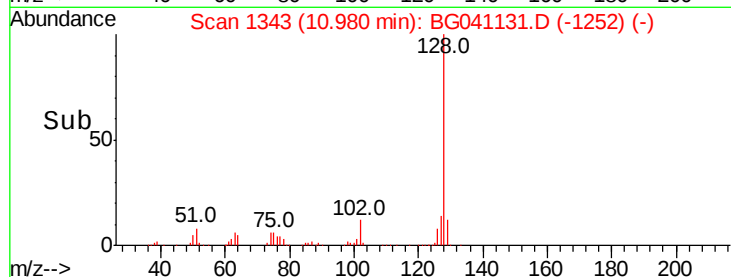
127 13.5 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.361 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

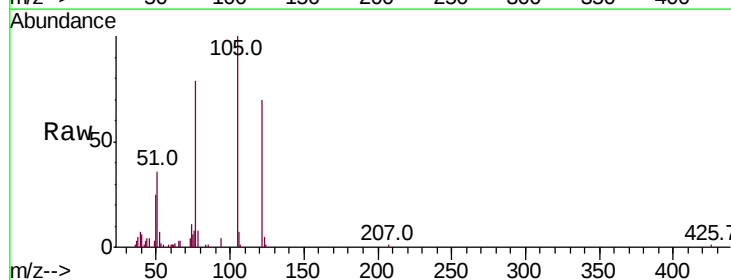
Tgt Ion:122 Resp: 66949

Ion Ratio Lower Upper

122 100

105 143.7 114.8 154.8

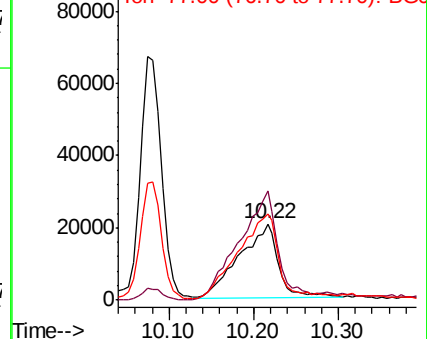
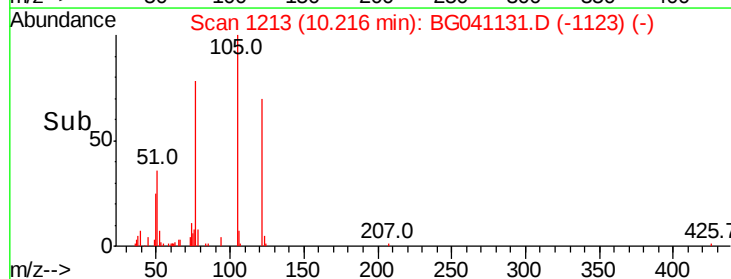
77 113.1 89.9 129.9

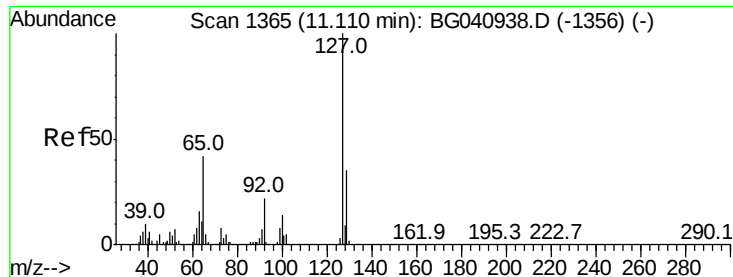


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

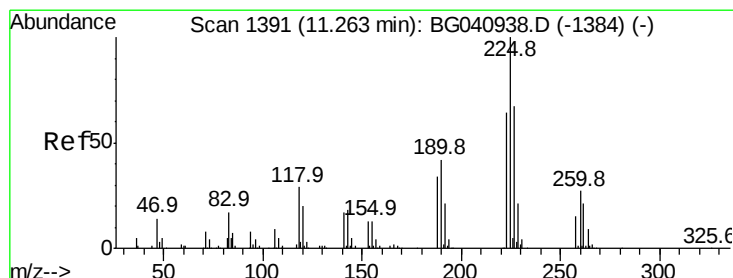
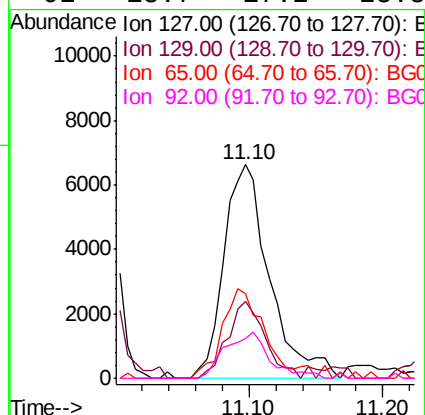
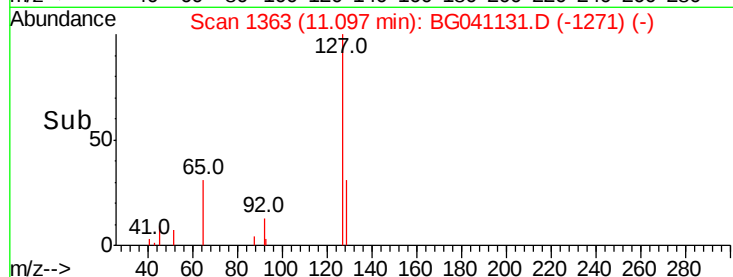
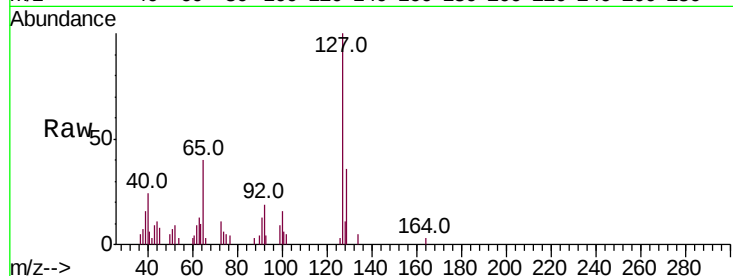




#33
4-Chloroaniline
Concen: 3.760 ng
RT: 11.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

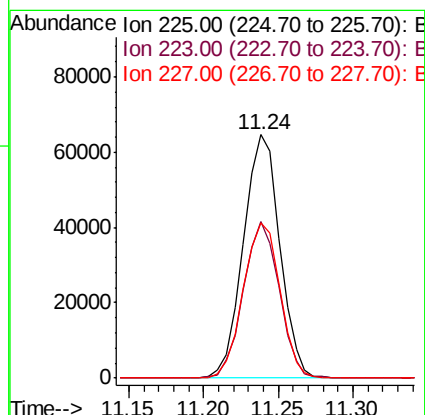
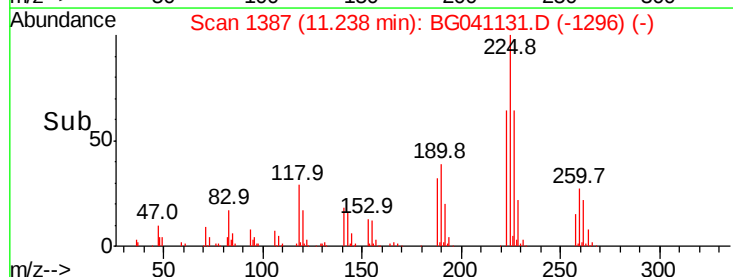
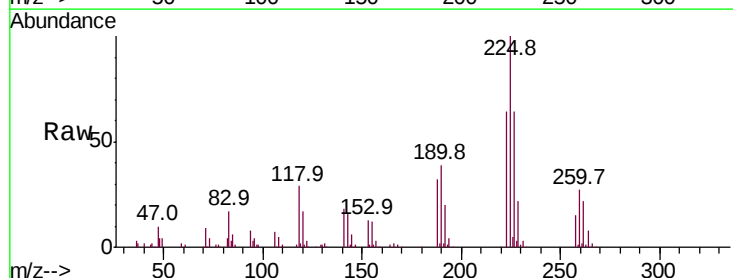
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

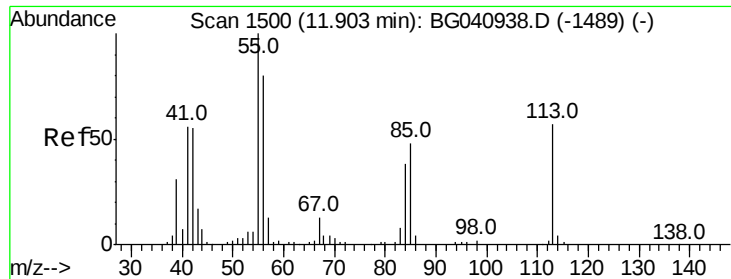
Tot Ion:	127	Resp:	15740
Ion	Ratio	Lower	Upper
127	100		
129	35.7	27.7	41.5
65	39.7	33.2	49.8
92	18.7	17.2	25.8



#34
Hexachlorobutadiene
Concen: 37.524 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion:	225	Resp:	108931
Ion	Ratio	Lower	Upper
225	100		
223	64.4	48.8	73.2
227	66.9	51.4	77.0





#35

Caprolactam

Concen: 33.796 ng/mL

RT: 11.88 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

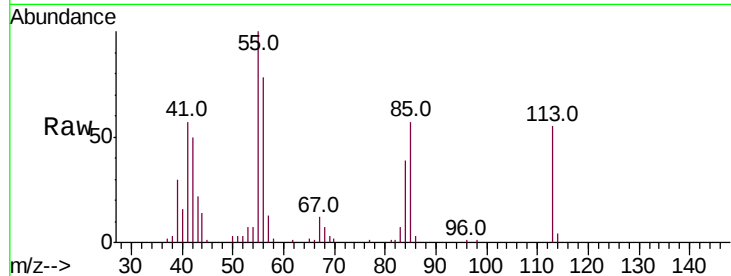
Tot Ion:113 Resp: 37221

Ion Ratio Lower Upper

113 100

55 181.9 155.9 195.9

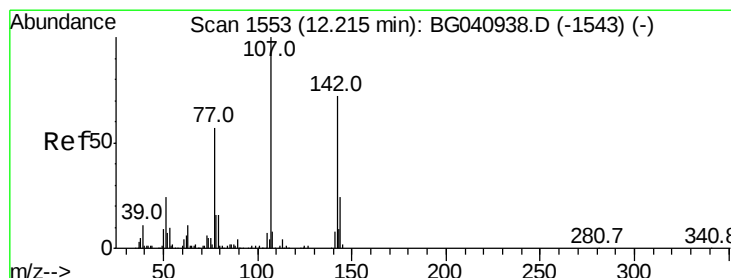
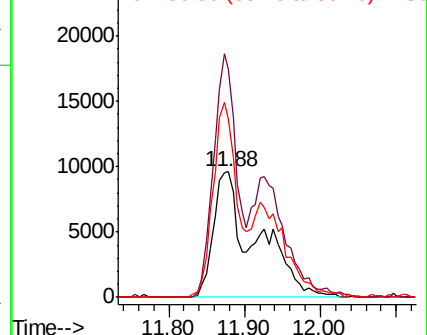
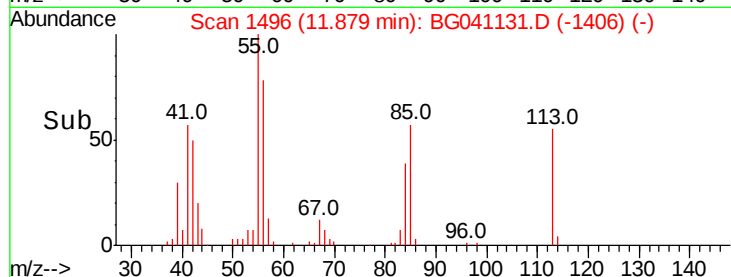
56 142.3 119.9 159.9



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: 46.133 ng/mL

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

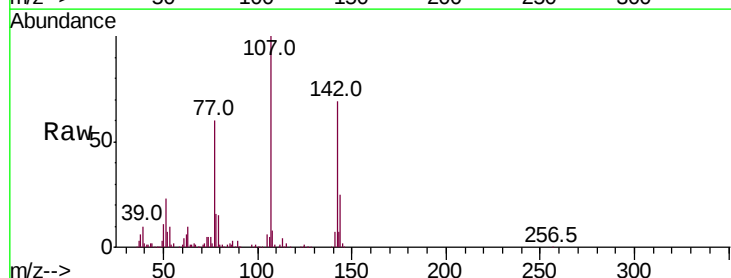
Tgt Ion:107 Resp: 175717

Ion Ratio Lower Upper

107 100

144 24.7 19.4 29.0

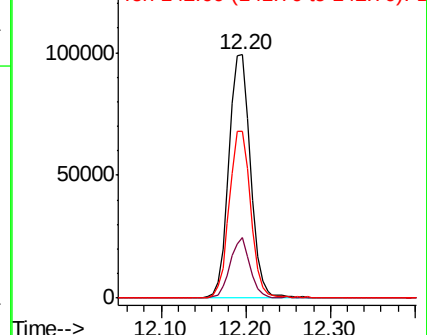
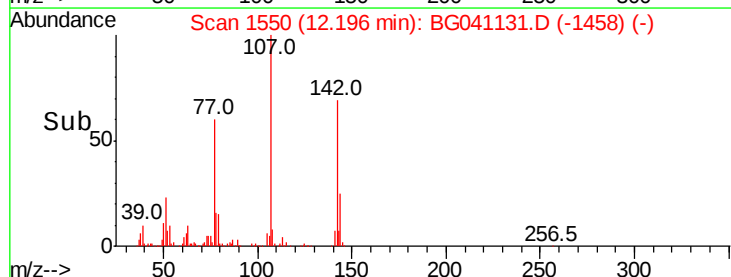
142 68.6 57.3 85.9

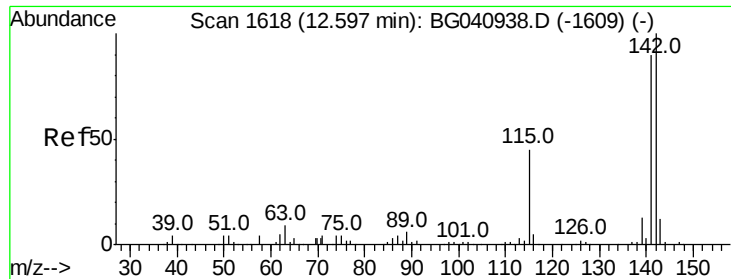


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

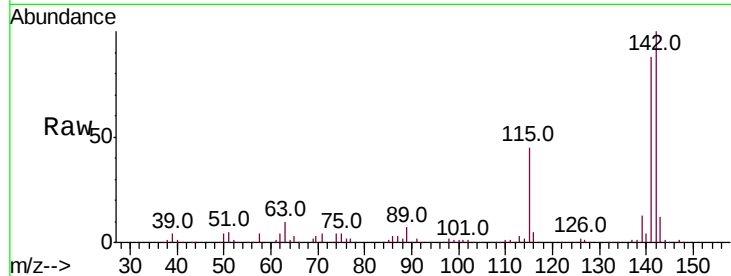




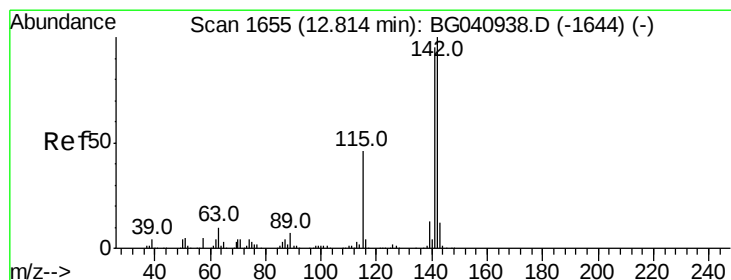
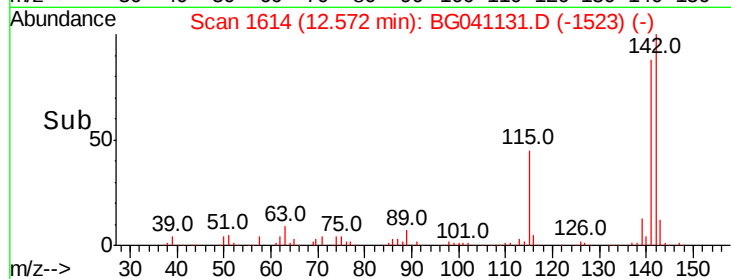
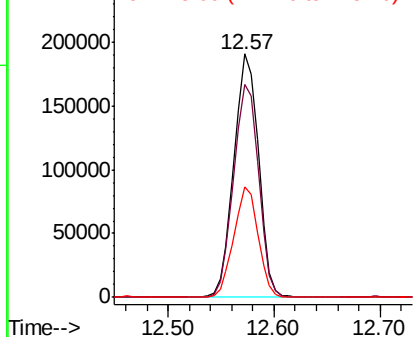
#37
 2-Methylnaphthalene
 Concen: 44.104 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BG041131.D
 Acq: 8 Jun 2019 13:36

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-AMS

Tot Ion:142 Resp: 306463
 Ion Ratio Lower Upper
 142 100
 141 87.6 72.2 108.4
 115 45.2 36.2 54.4

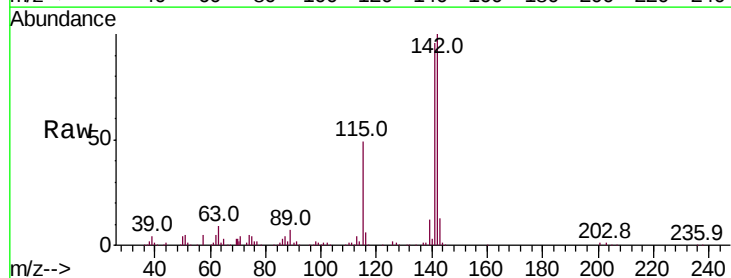


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

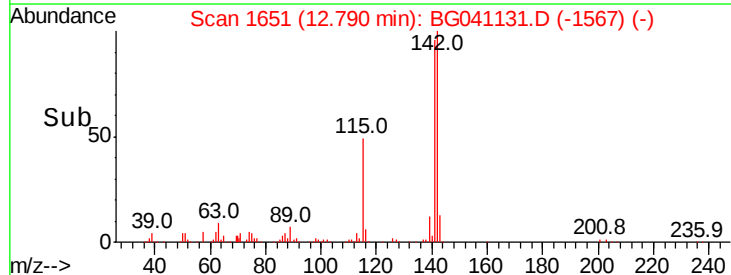
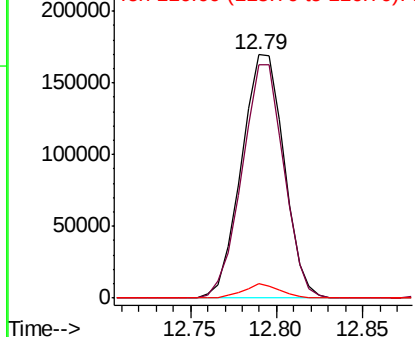


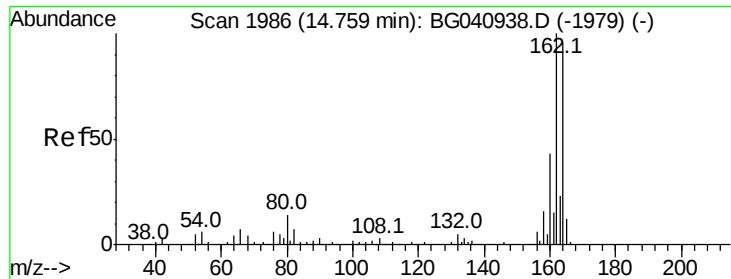
#38
 1-Methylnaphthalene
 Concen: 44.261 ng m
 RT: 12.79 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BG041131.D
 Acq: 8 Jun 2019 13:36

Tgt Ion:142 Resp: 289816
 Ion Ratio Lower Upper
 142 100
 141 95.8 75.7 113.5
 116 6.0 3.4 5.2#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

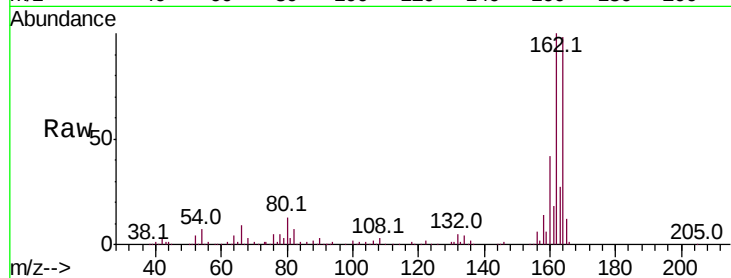
Tot Ion:164 Resp: 129404

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.4

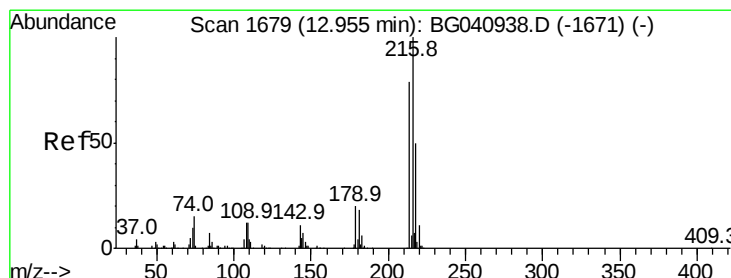
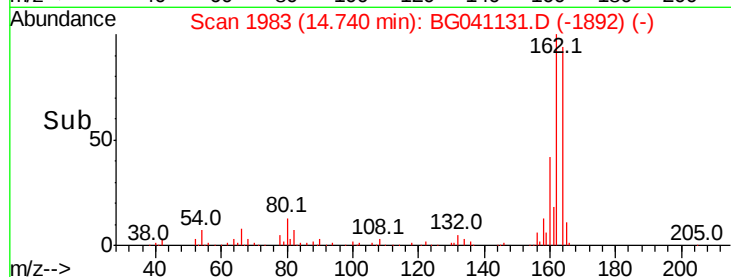
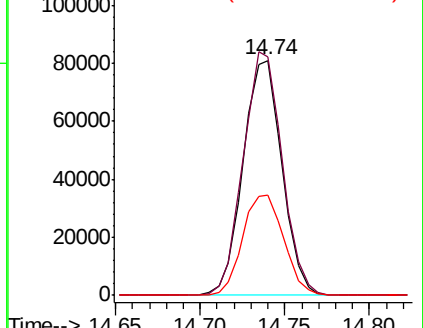
160 42.6 35.6 53.4



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: 42.194 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Tgt Ion:216 Resp: 220069

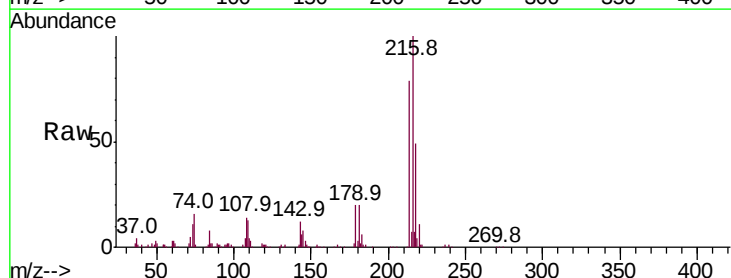
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 19.6 15.2 22.8

108 16.7 11.4 17.2

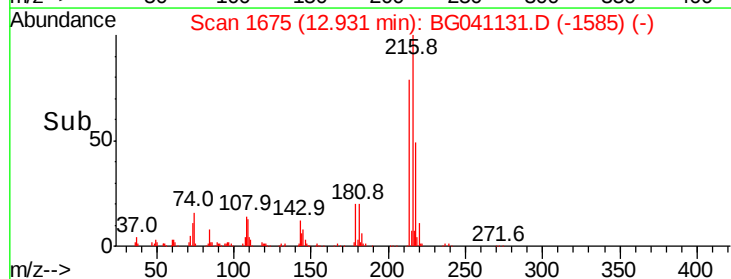
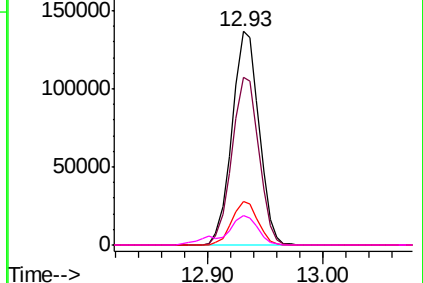


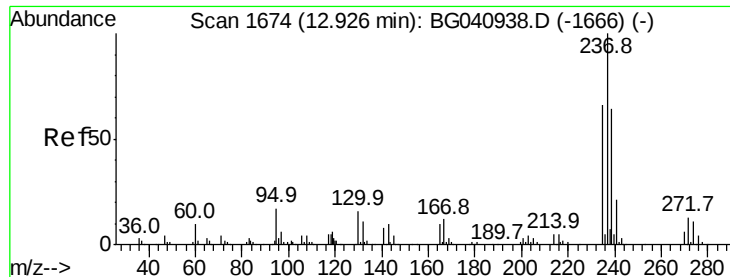
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.511 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

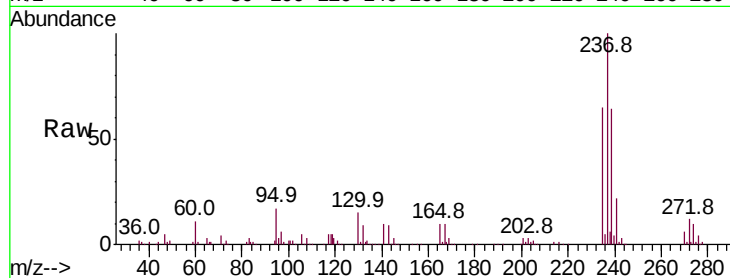
Tot Ion:237 Resp: 247770

Ion Ratio Lower Upper

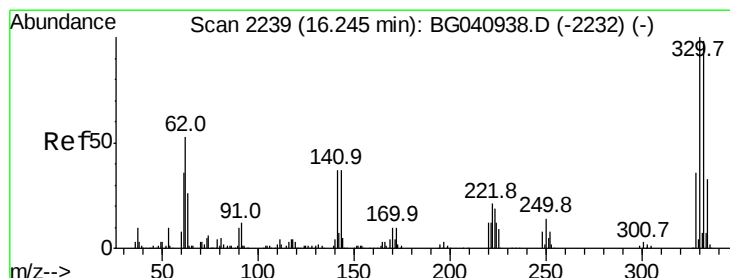
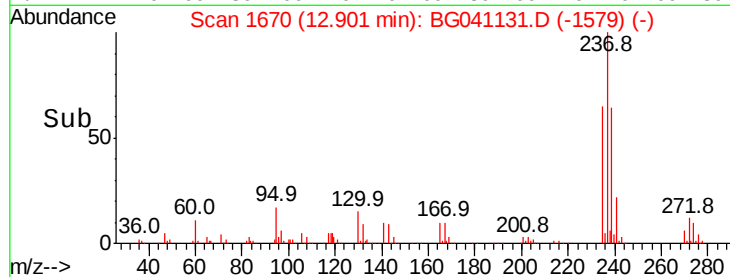
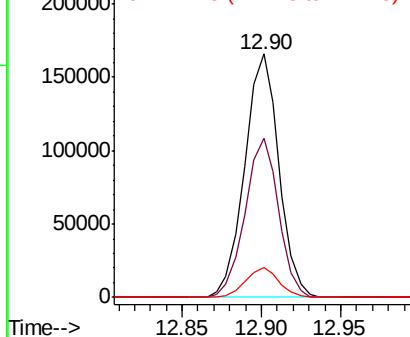
237 100

235 65.2 45.5 85.5

272 12.5 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 147.188 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

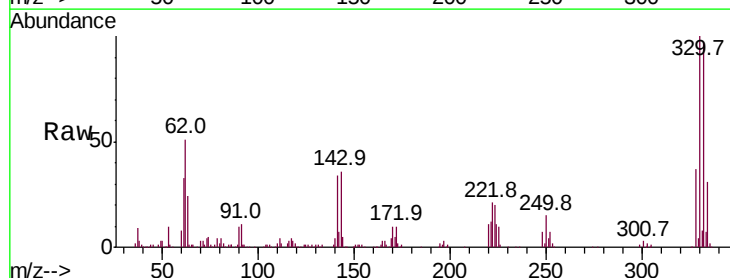
Tgt Ion:330 Resp: 282761

Ion Ratio Lower Upper

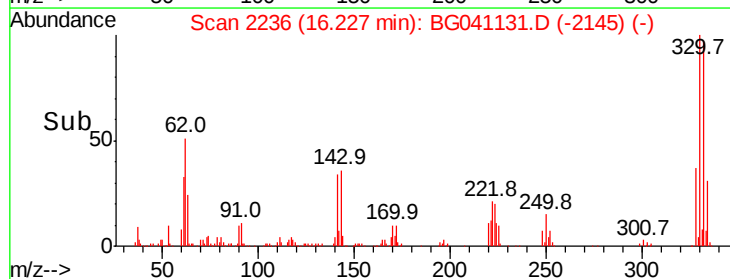
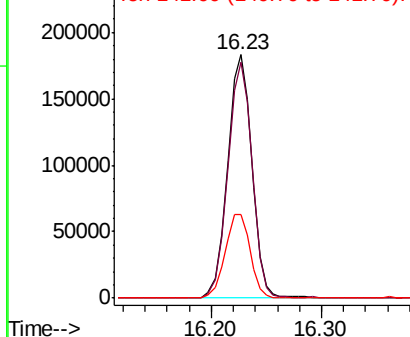
330 100

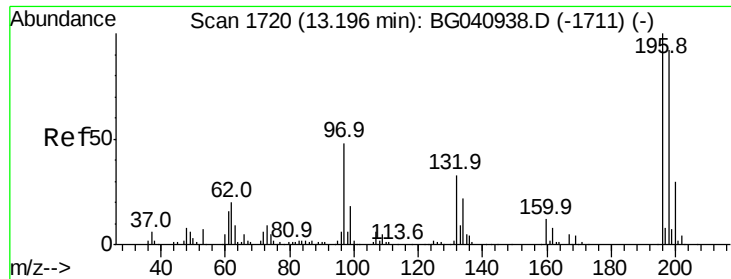
332 97.0 78.5 117.7

141 35.7 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

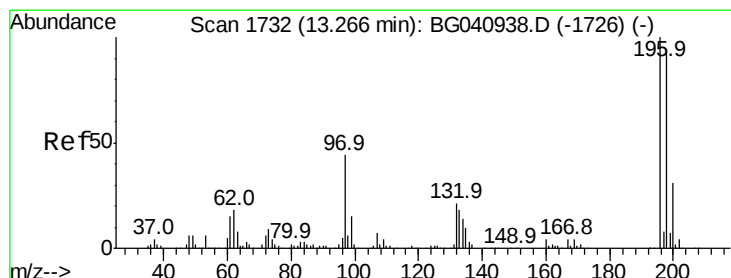
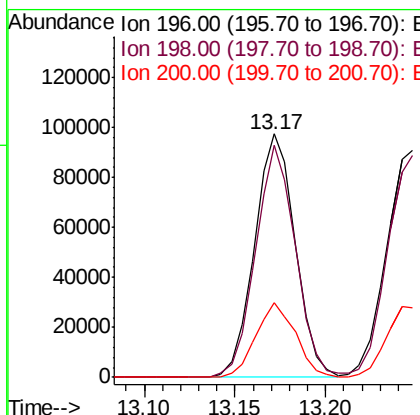
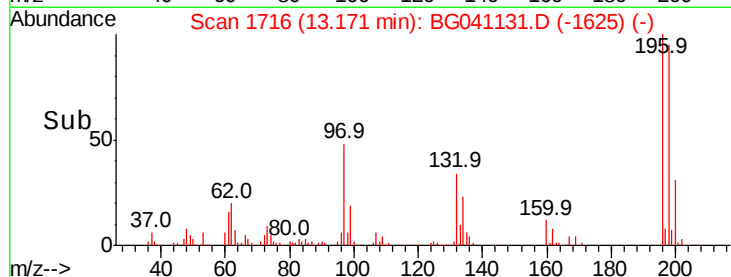
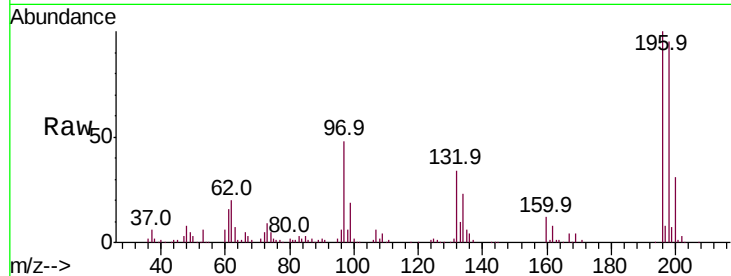




#43
 2,4,6-Trichlorophenol
 Concen: 44.940 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041131.D
 Acq: 8 Jun 2019 13:36

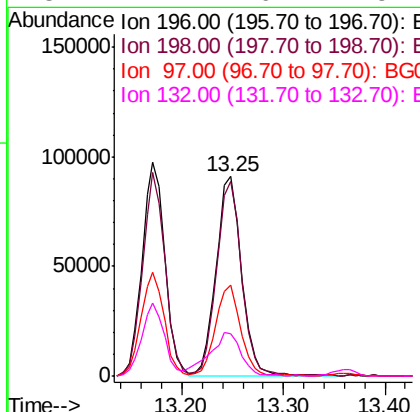
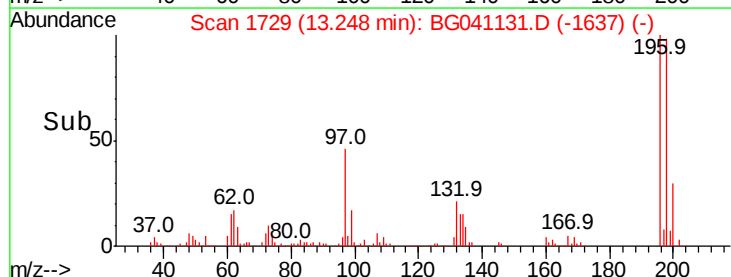
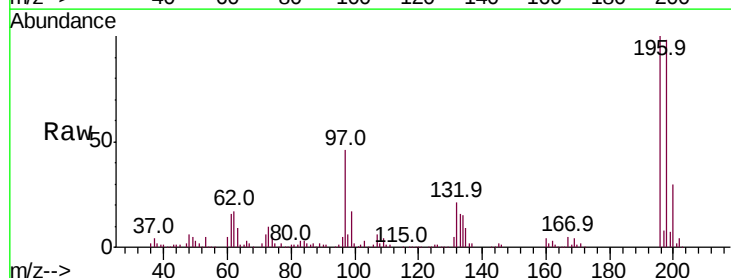
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-AMS

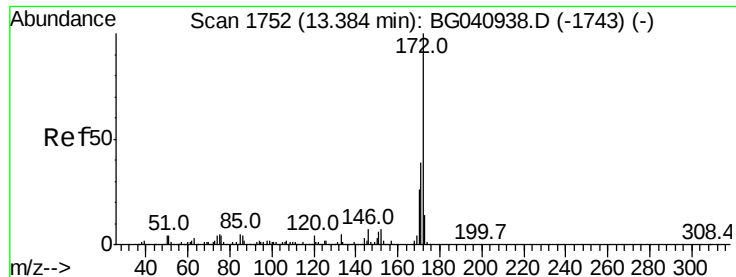
Tot Ion:196 Resp: 151631
 Ion Ratio Lower Upper
 196 100
 198 95.2 73.8 110.6
 200 30.5 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.523 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041131.D
 Acq: 8 Jun 2019 13:36

Tgt Ion:196 Resp: 158434
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.1 112.7
 97 45.9 35.6 53.4
 132 21.4 16.7 25.1

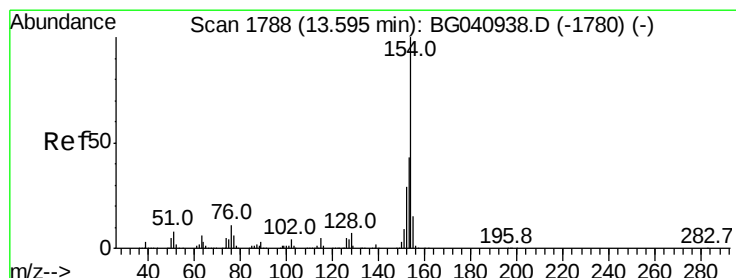
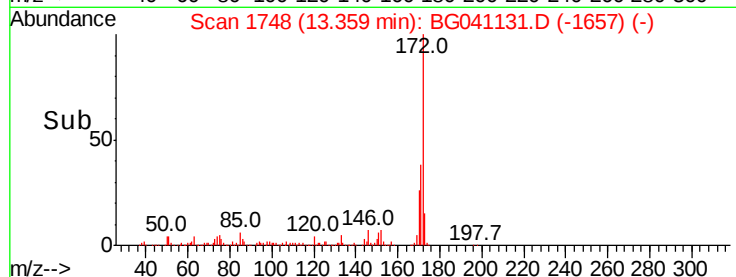
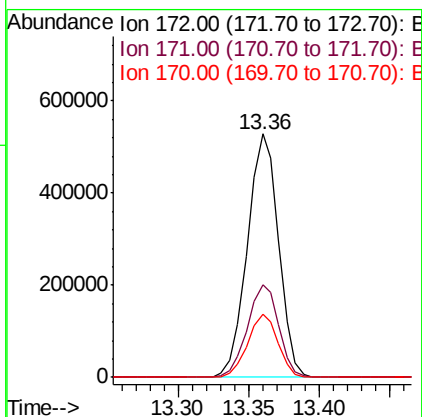
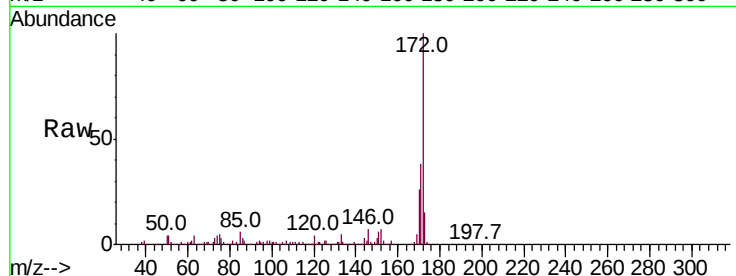




#45
2-Fluorobiphenyl
Concen: 91.141 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

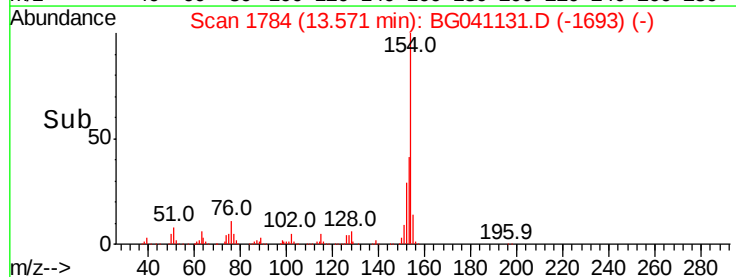
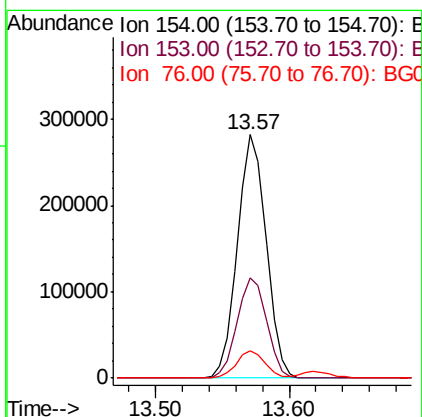
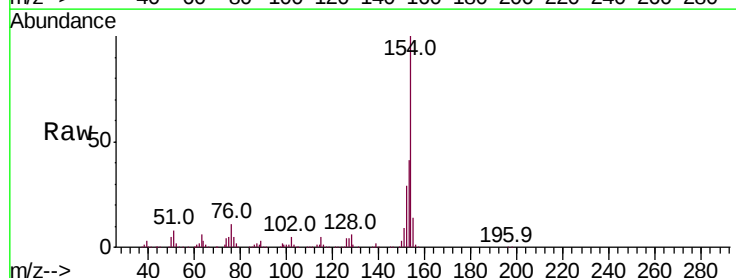
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

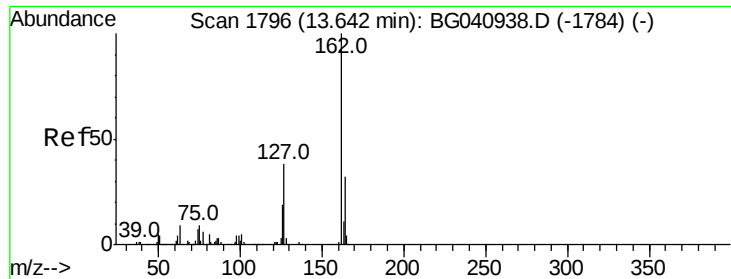
Tot Ion:172 Resp: 818972
Ion Ratio Lower Upper
172 100
171 38.2 31.1 46.7
170 25.8 20.5 30.7



#46
1,1'-Biphenyl
Concen: 43.880 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion:154 Resp: 420317
Ion Ratio Lower Upper
154 100
153 41.3 23.3 63.3
76 11.1 0.0 31.1

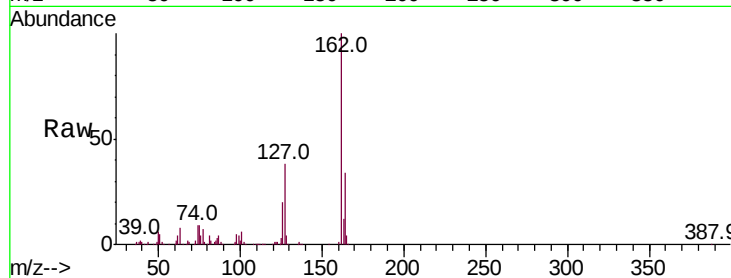




#47
2-Chloronaphthalene
Concen: 42.160 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.5	45.7
164	33.5	25.8	38.6

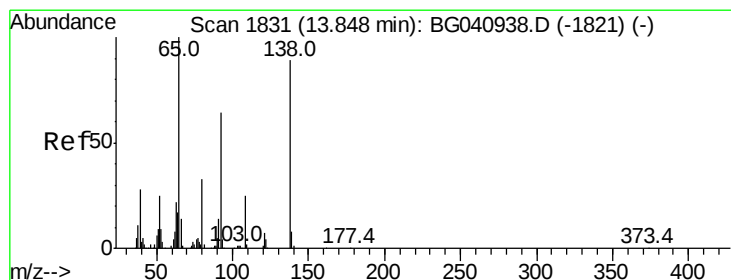
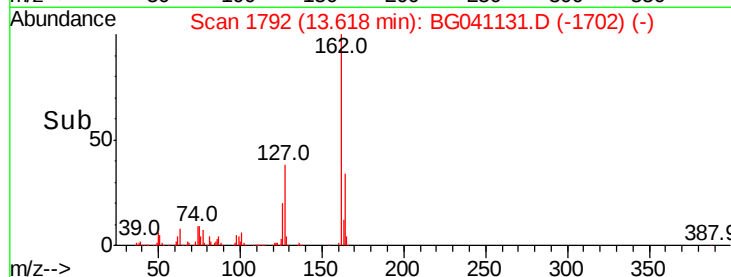
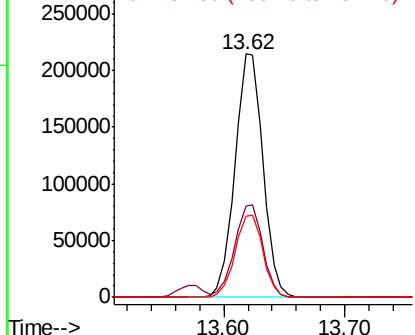


Abundance

Ion 162.00 (161.70 to 162.70): E

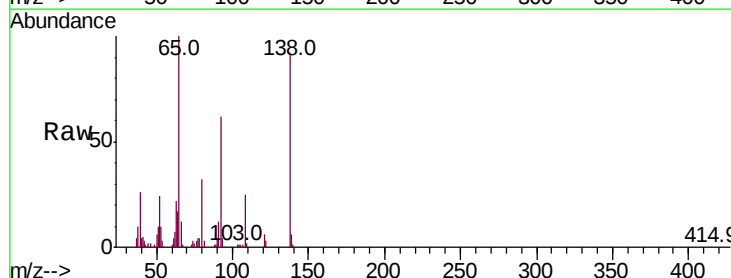
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.685 ng
RT: 13.83 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	51.0	76.6
138	91.7	71.2	106.8

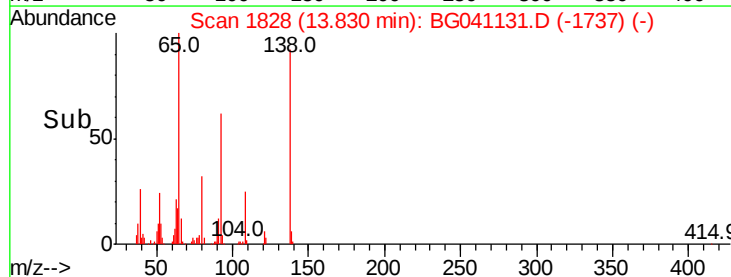
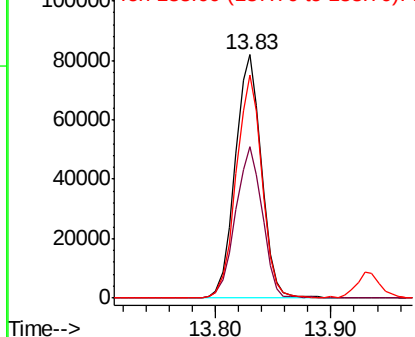


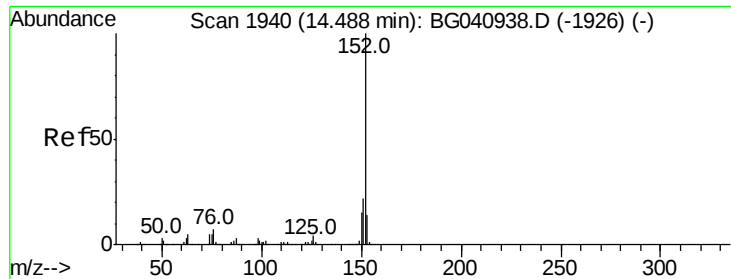
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.809 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

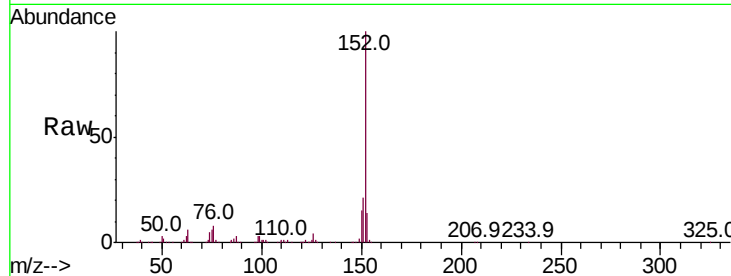
Tot Ion:152 Resp: 554576

Ion Ratio Lower Upper

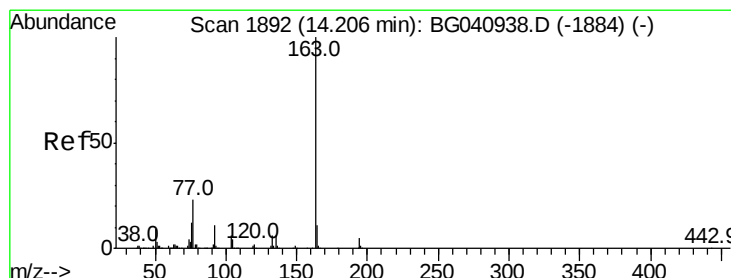
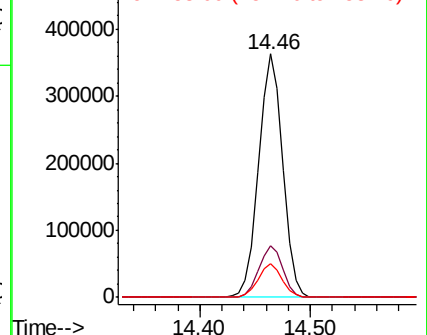
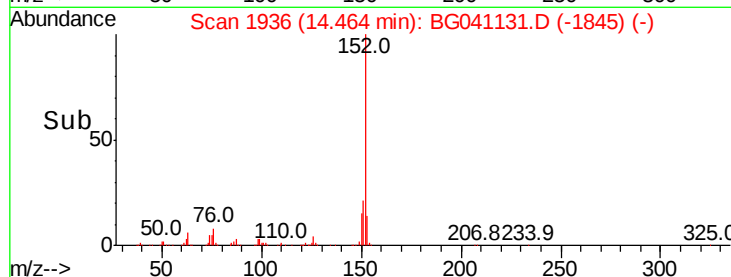
152 100

151 21.1 17.4 26.0

153 13.8 11.0 16.4



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: 43.877 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

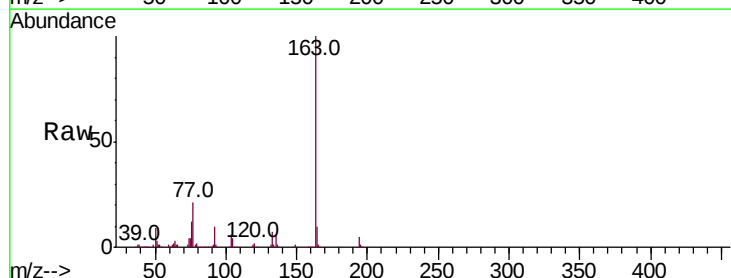
Tgt Ion:163 Resp: 480628

Ion Ratio Lower Upper

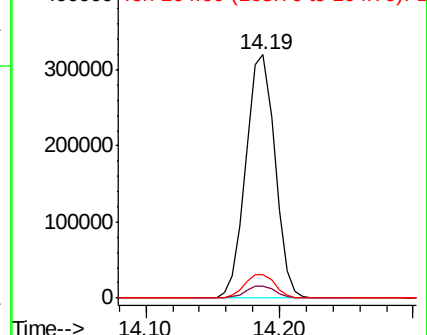
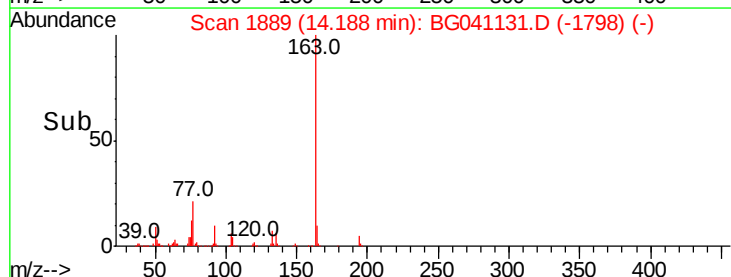
163 100

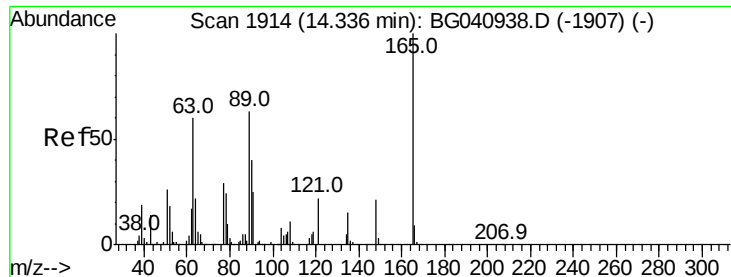
194 4.9 3.8 5.8

164 9.8 8.7 13.1



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: 45.405 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

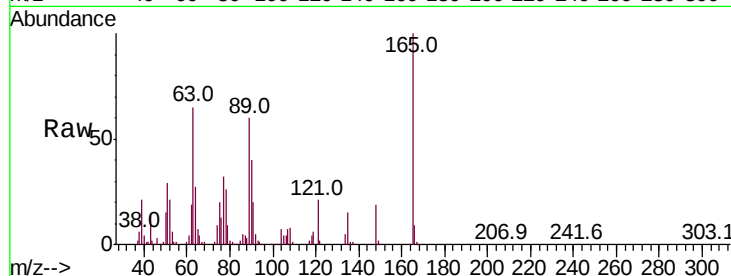
Tot Ion:165 Resp: 107237

Ion Ratio Lower Upper

165 100

63 65.0 53.6 80.4

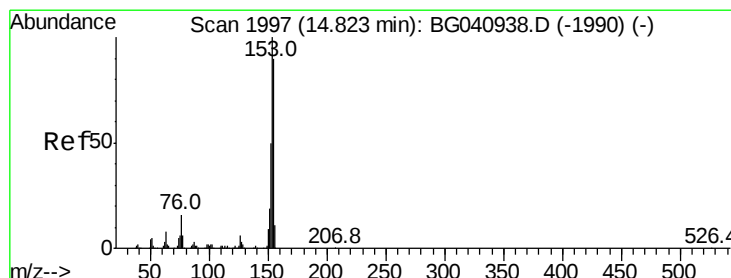
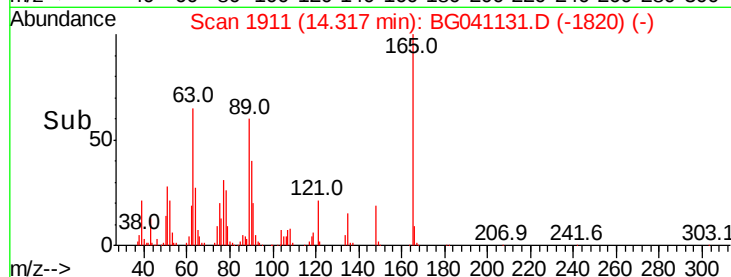
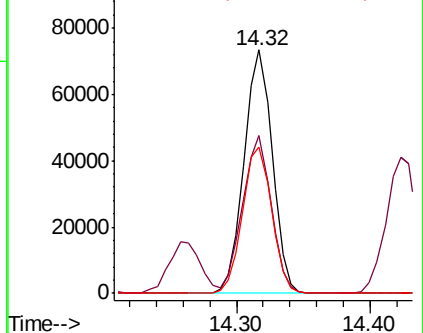
89 59.9 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 43.224 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

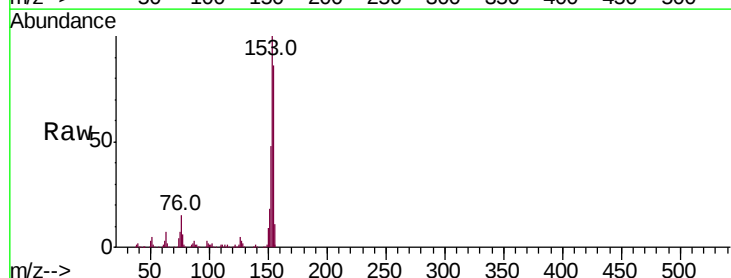
Tgt Ion:154 Resp: 324073

Ion Ratio Lower Upper

154 100

153 116.3 88.6 133.0

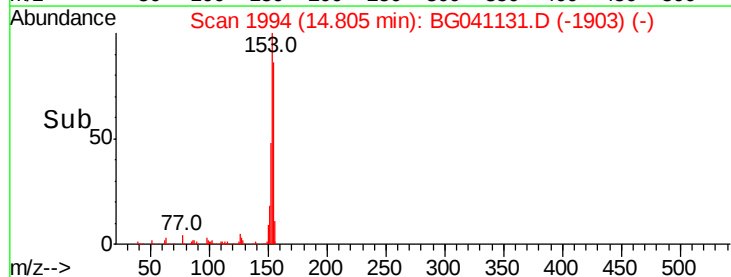
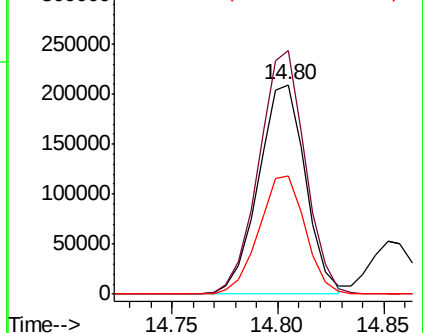
152 56.1 44.2 66.4

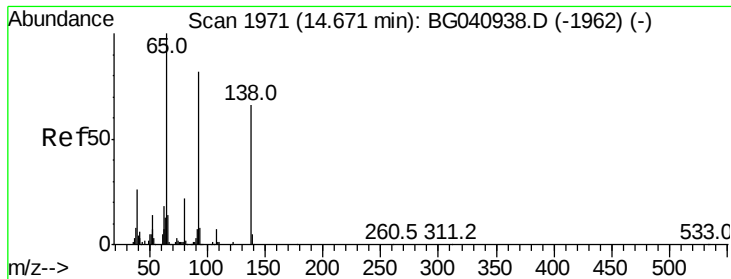


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.974 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

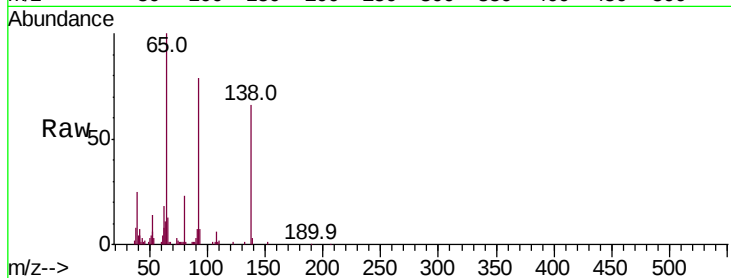
Tot Ion:138 Resp: 37726

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

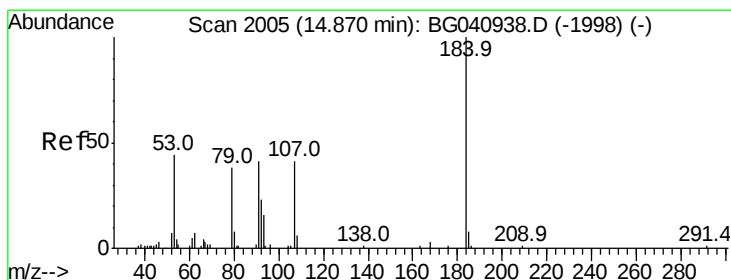
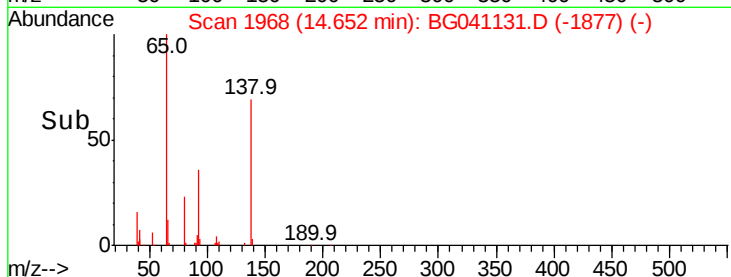
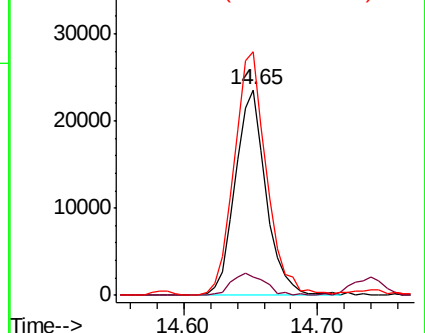
92 118.5 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 94.088 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

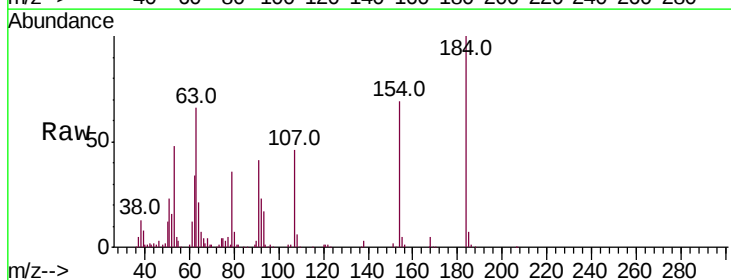
Tgt Ion:184 Resp: 124582

Ion Ratio Lower Upper

184 100

63 66.0 49.8 74.6

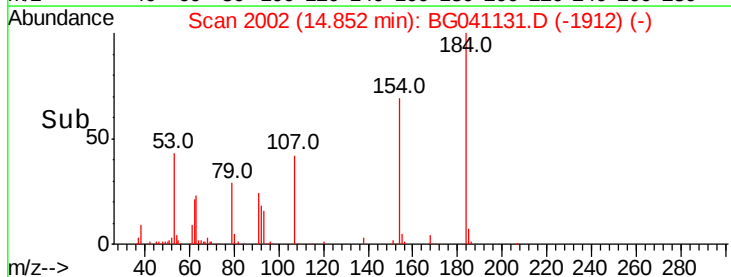
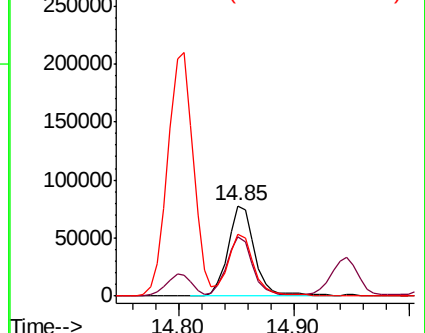
154 68.6 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 44.969 ng

RT: 15.13 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

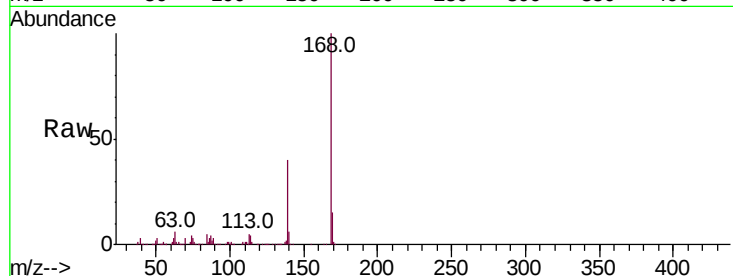
Tot Ion:168 Resp: 567319

Ion	Ratio	Lower	Upper
168	100		
139	40.1	32.8	49.2
169	14.5	11.3	16.9

168 100

139 40.1 32.8 49.2

169 14.5 11.3 16.9

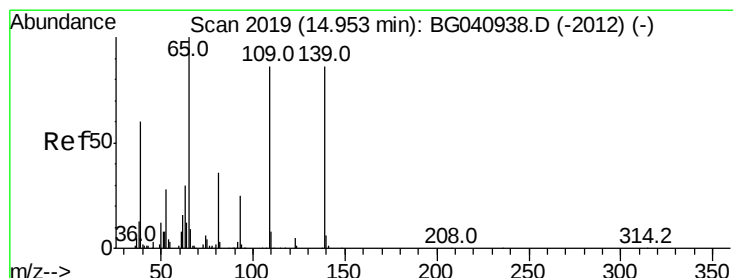
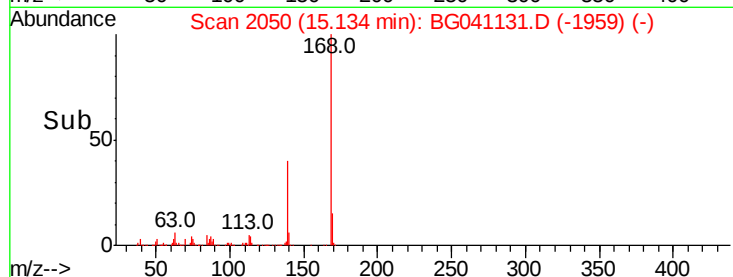
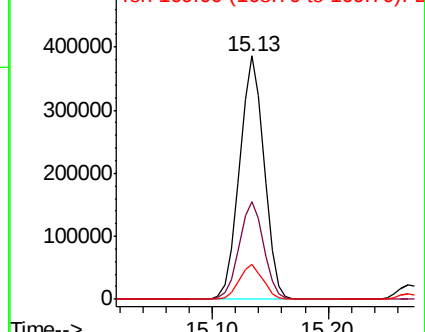


Abundance

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: 88.843 ng

RT: 14.95 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

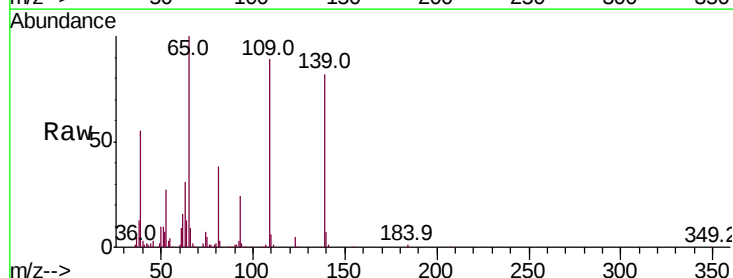
Tgt Ion:139 Resp: 143919

Ion	Ratio	Lower	Upper
139	100		
109	107.9	79.6	119.6
65	121.6	96.9	136.9

139 100

109 107.9 79.6 119.6

65 121.6 96.9 136.9

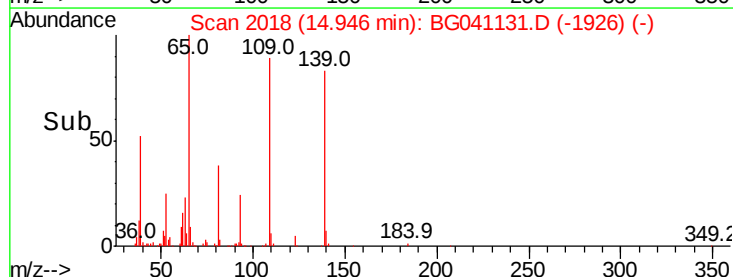
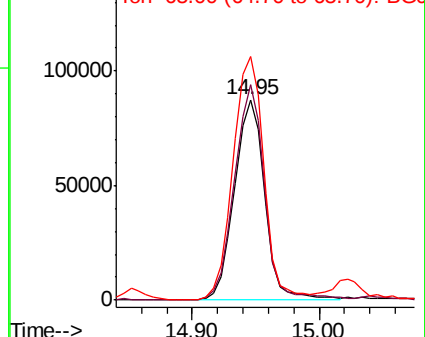


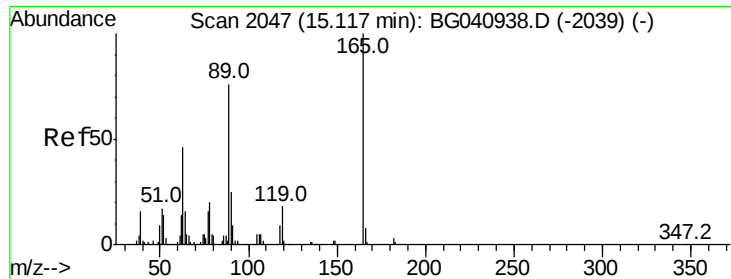
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

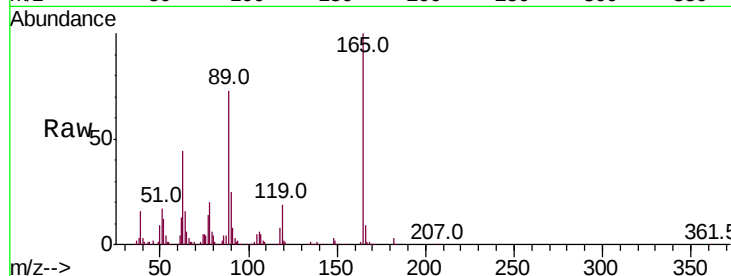




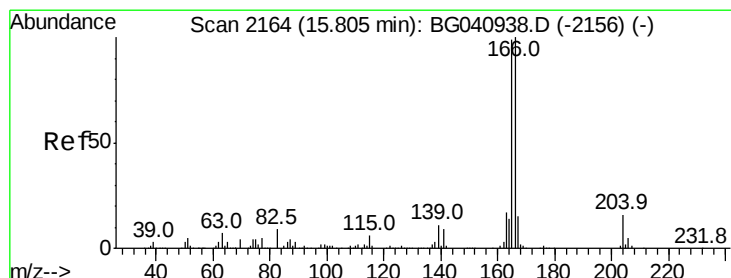
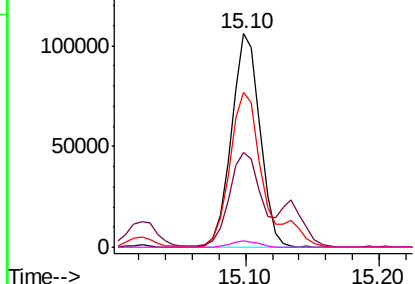
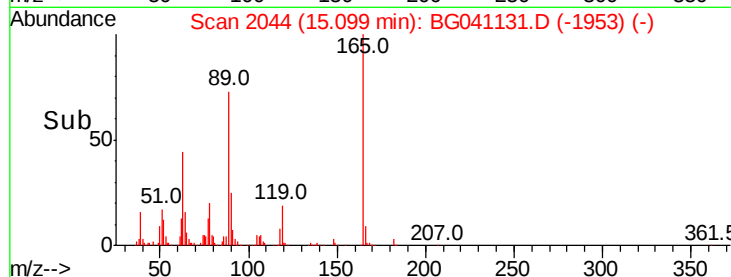
#57
2,4-Dinitrotoluene
Concen: 47.193 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

Tot Ion:165 Resp: 157446
Ion Ratio Lower Upper
165 100
63 44.2 37.3 55.9
89 72.7 61.0 91.6
182 3.1 2.2 3.2

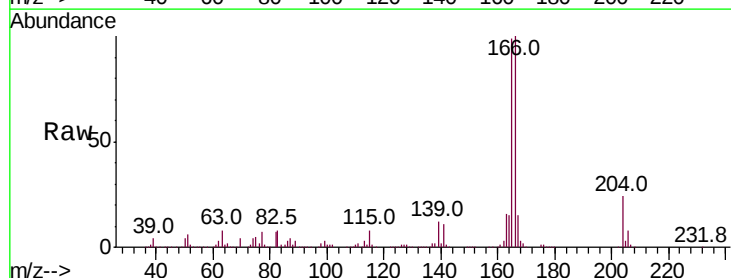


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

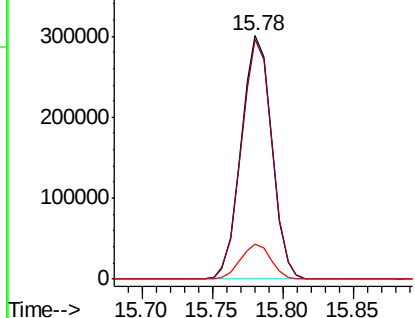
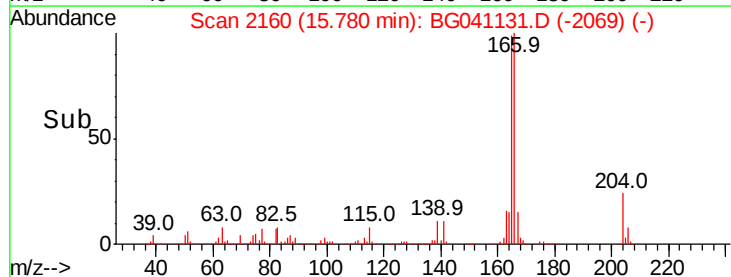


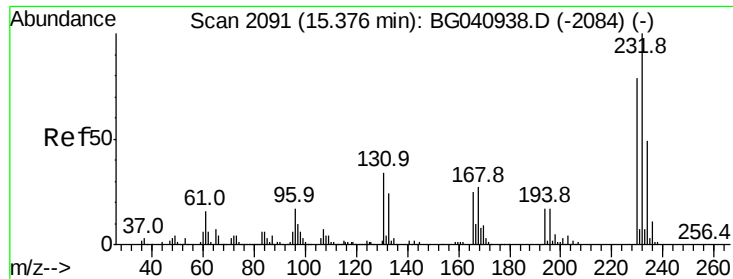
#58
Fluorene
Concen: 45.344 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion:166 Resp: 455568
Ion Ratio Lower Upper
166 100
165 98.6 79.2 118.8
167 14.6 11.8 17.6



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

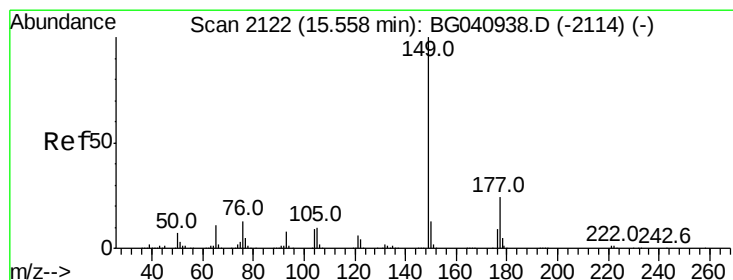
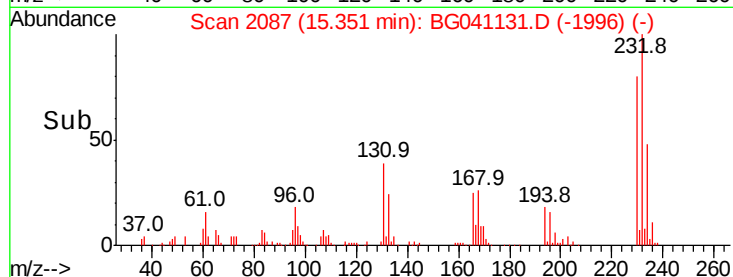
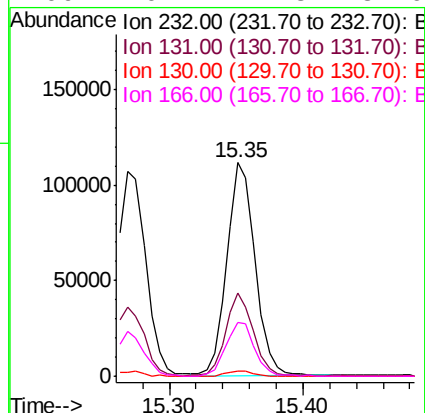
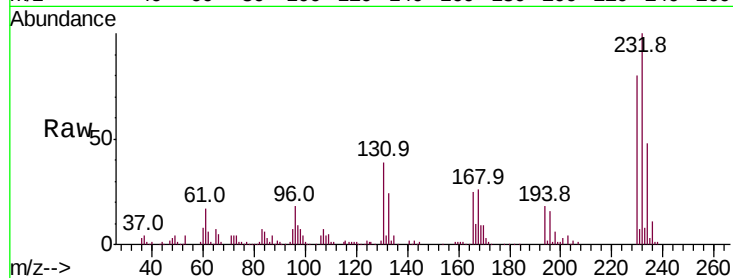




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.647 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG041131.D
 Acq: 8 Jun 2019 13:36

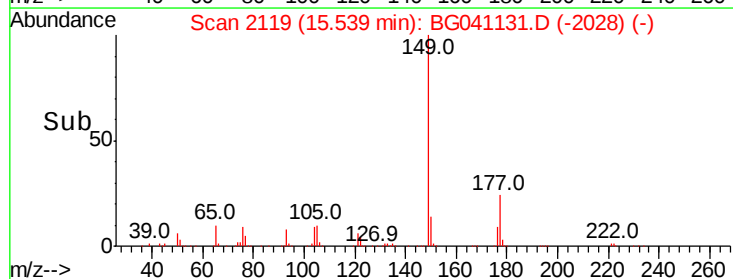
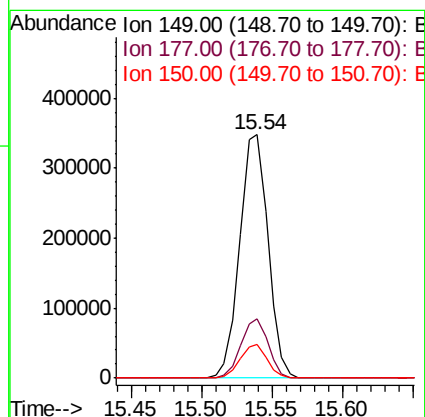
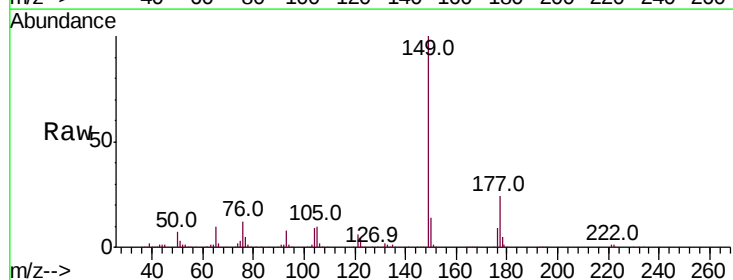
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-AMS

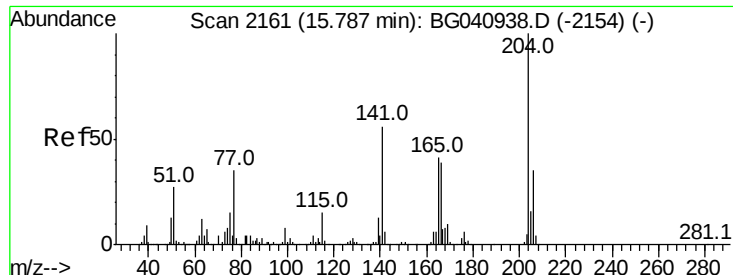
Tot Ion:232 Resp: 166624
 Ion Ratio Lower Upper
 232 100
 131 37.5 30.3 45.5
 130 2.2 1.8 2.8
 166 26.1 21.3 31.9



#60
 Diethylphthalate
 Concen: 43.677 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041131.D
 Acq: 8 Jun 2019 13:36

Tgt Ion:149 Resp: 488269
 Ion Ratio Lower Upper
 149 100
 177 24.4 19.4 29.0
 150 13.8 10.3 15.5

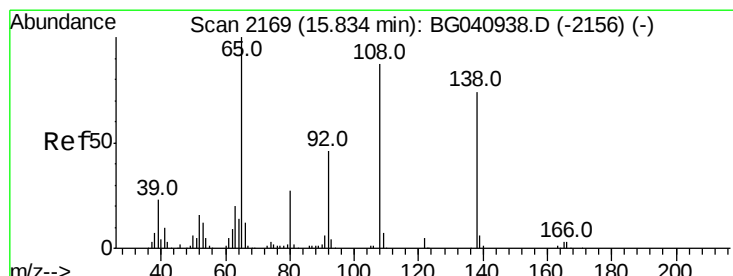
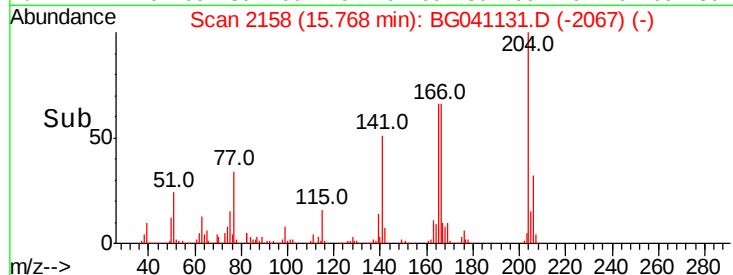
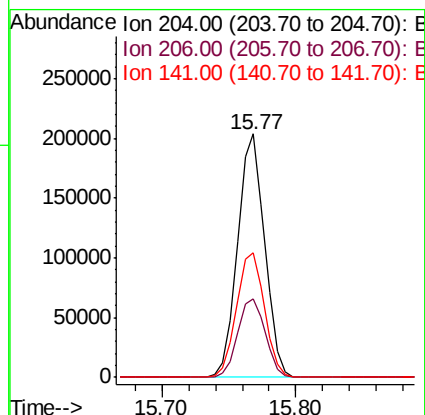
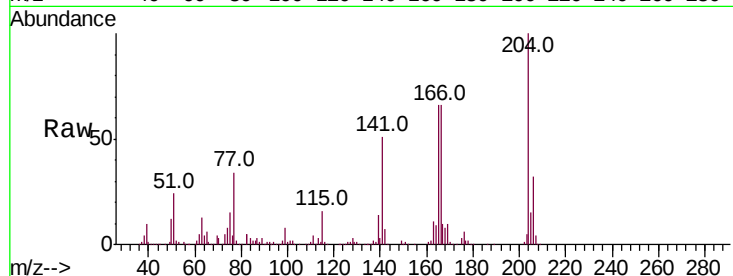




#61
4-Chlorophenyl-phenylether
Concen: 43.613 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

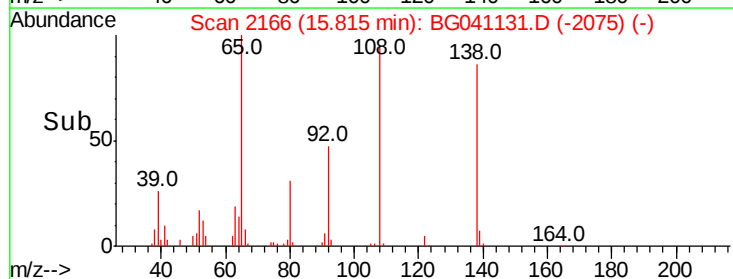
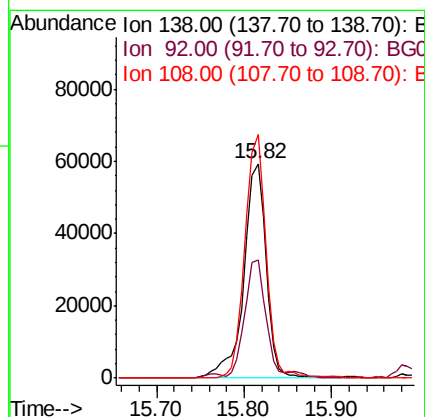
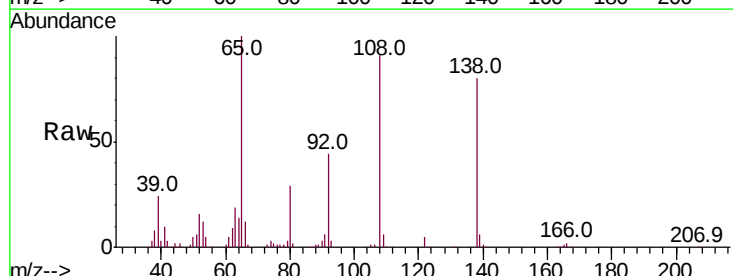
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

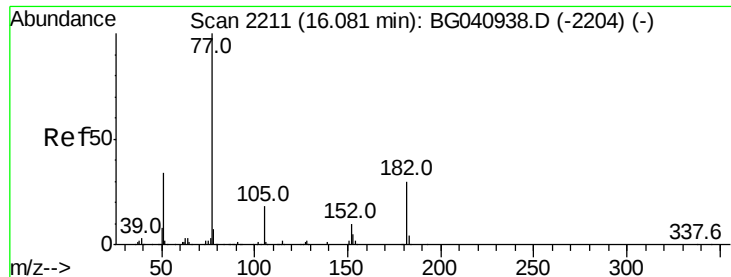
Tot Ion:204 Resp: 284810
Ion Ratio Lower Upper
204 100
206 32.3 27.6 41.4
141 51.1 45.1 67.7



#62
4-Nitroaniline
Concen: 40.973 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion:138 Resp: 102444
Ion Ratio Lower Upper
138 100
92 55.3 42.4 82.4
108 113.3 96.9 136.9





#63

Azobenzene

Concen: 44.574 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

Tot Ion: 77 Resp: 452887

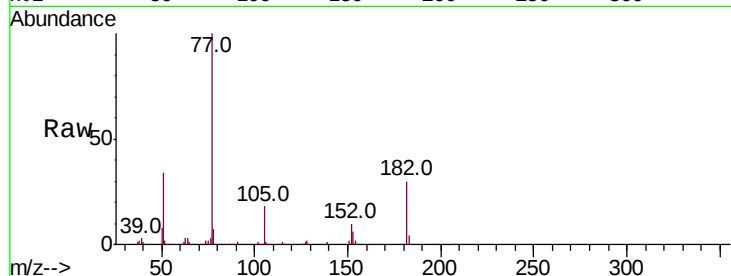
Ion Ratio Lower Upper

77 100

182 30.2 9.6 49.6

105 18.2 0.0 37.5

51 34.4 13.7 53.7

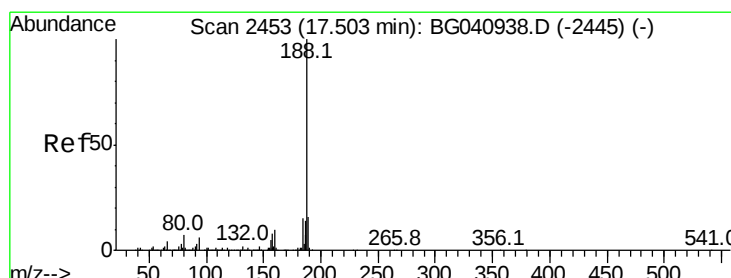
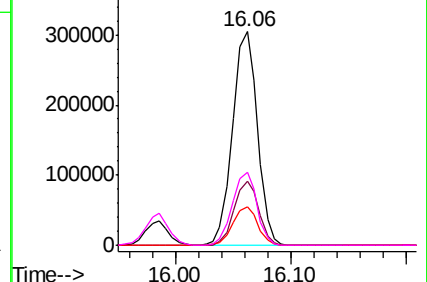
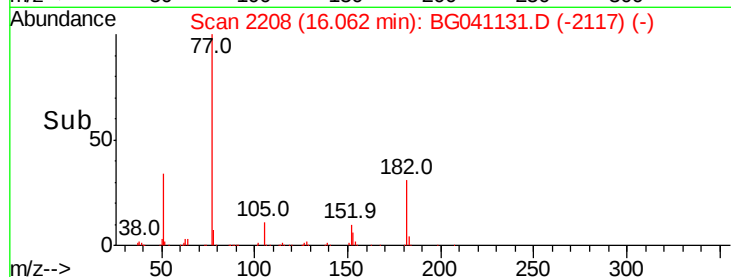


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

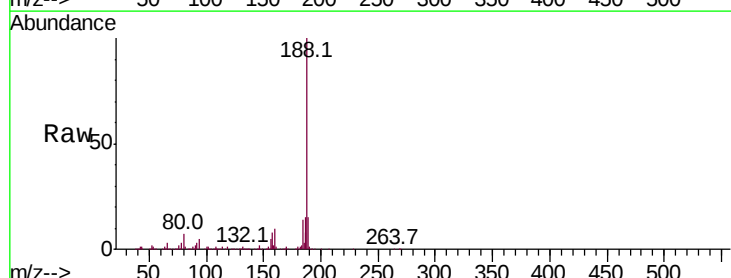
Tgt Ion: 188 Resp: 334786

Ion Ratio Lower Upper

188 100

94 5.1 4.7 7.1

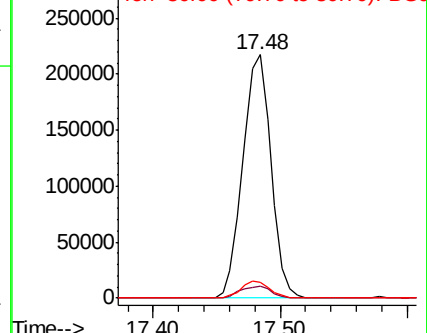
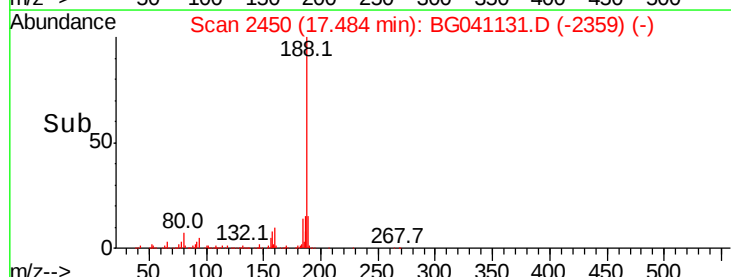
80 6.7 5.8 8.8

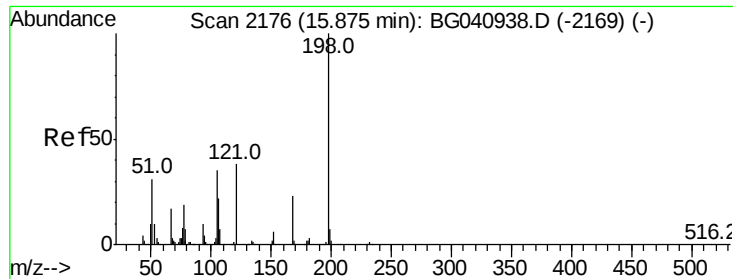


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 50.020 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

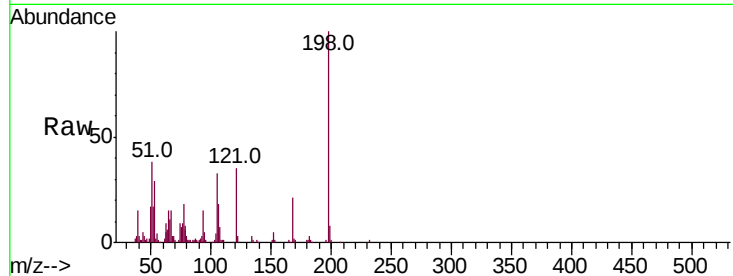
Tot Ion:198 Resp: 90525

Ion Ratio Lower Upper

198 100

51 37.8 21.6 61.6

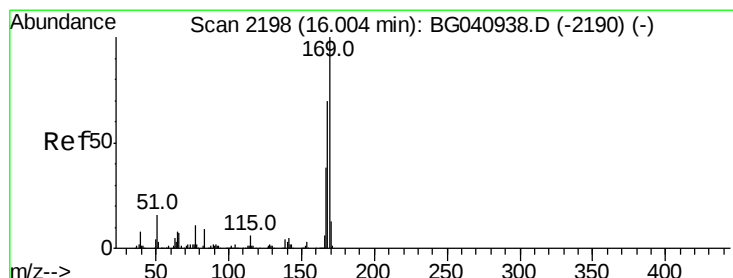
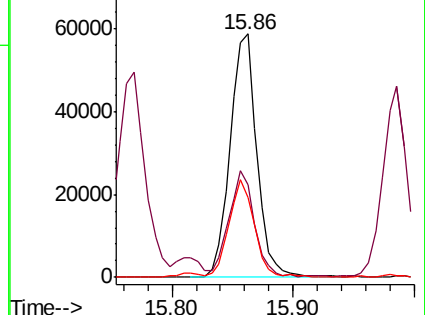
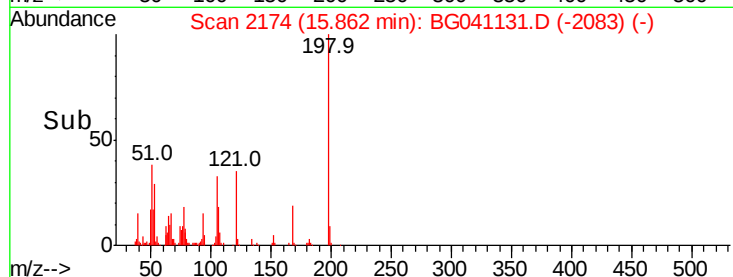
105 32.8 17.5 57.5



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: 44.540 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

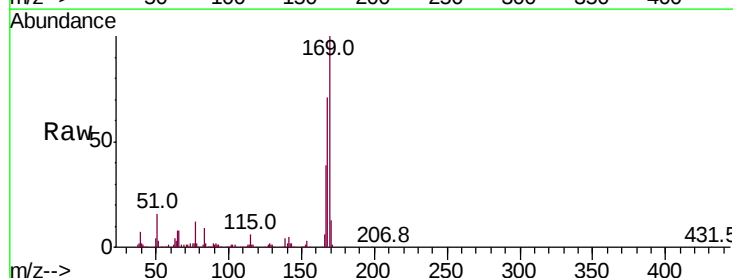
Tgt Ion:169 Resp: 419180

Ion Ratio Lower Upper

169 100

168 71.2 55.7 83.5

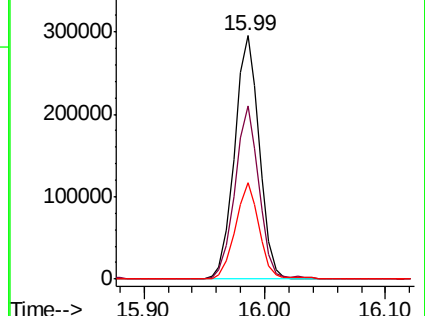
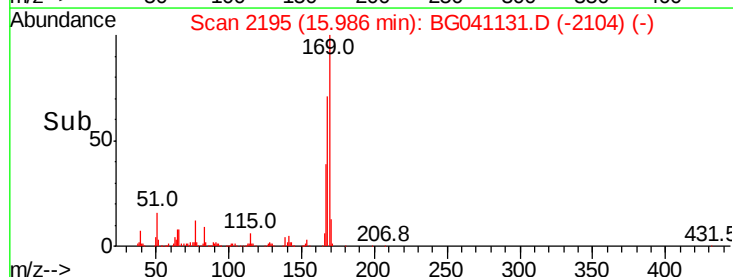
167 39.4 30.2 45.2

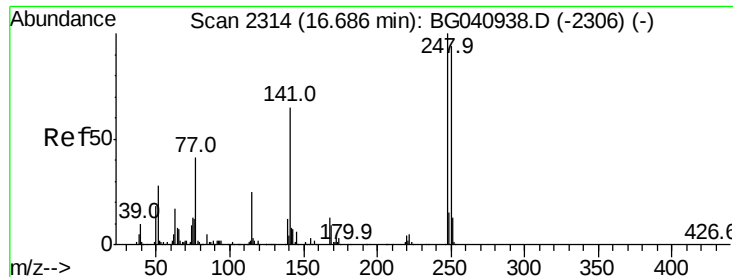


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.021 ng

RT: 16.66 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

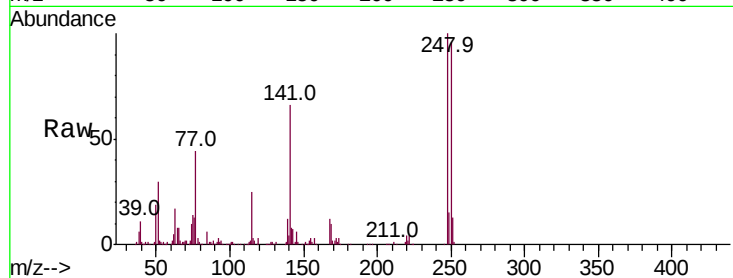
BNA_G

ClientSampleId :

HR-05-060519-AMS

Tot Ion:248 Resp: 189853

Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.0	112.4
141	65.8	52.4	78.6

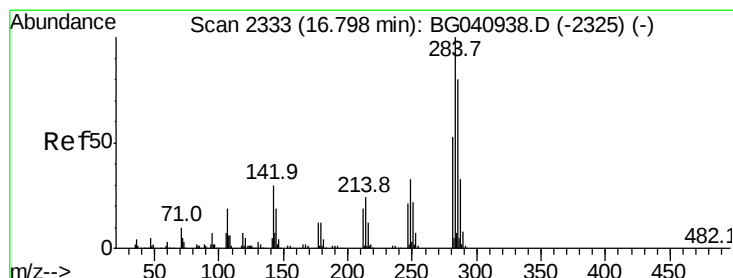
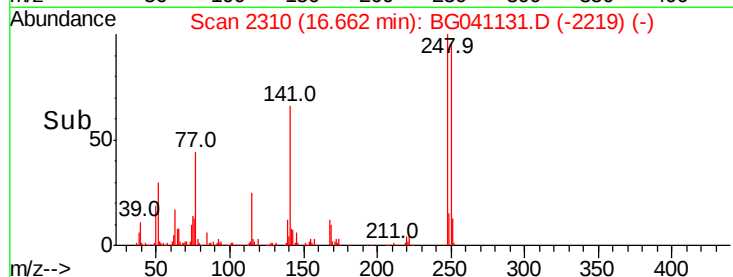
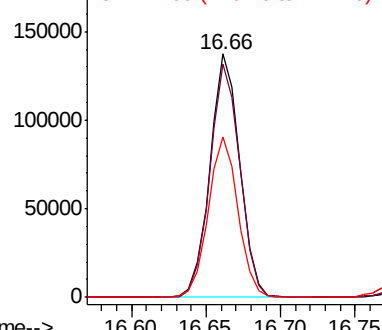


Abundance

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: 40.823 ng

RT: 16.77 min Scan# 2329

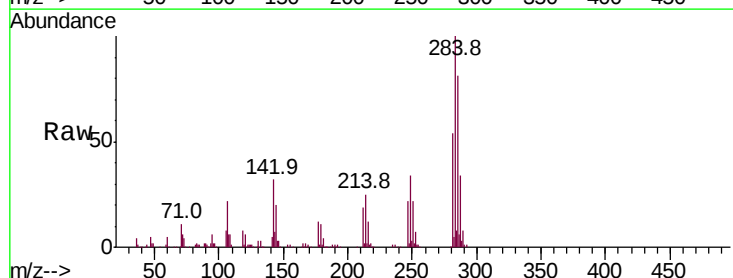
Delta R.T. -0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Tgt Ion:284 Resp: 196400

Ion	Ratio	Lower	Upper
284	100		
142	31.9	23.9	35.9
249	34.2	26.8	40.2

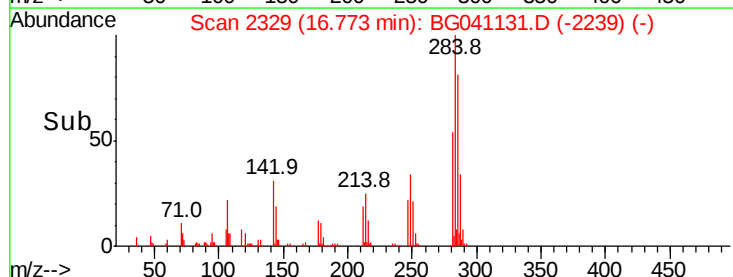
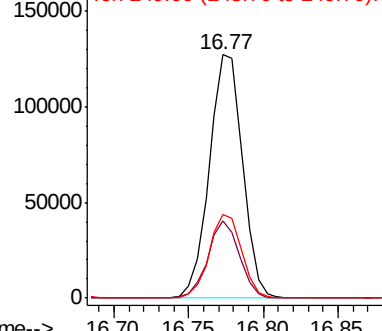


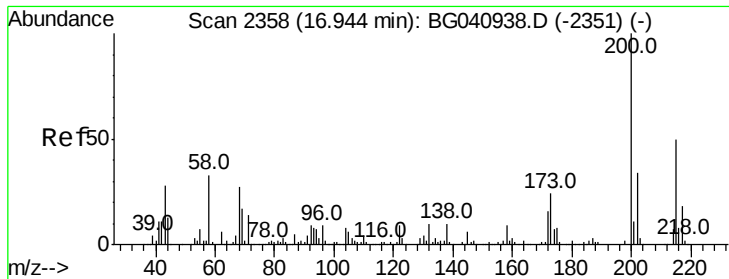
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

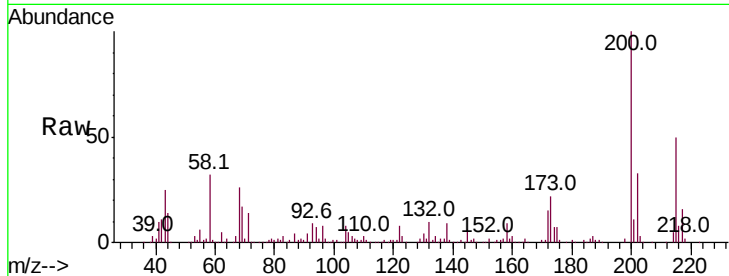




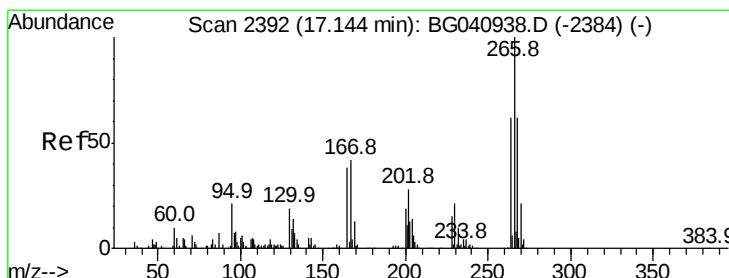
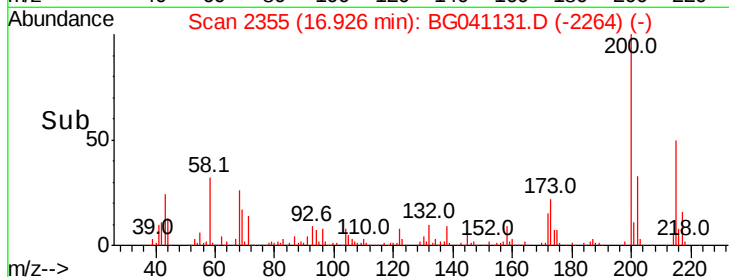
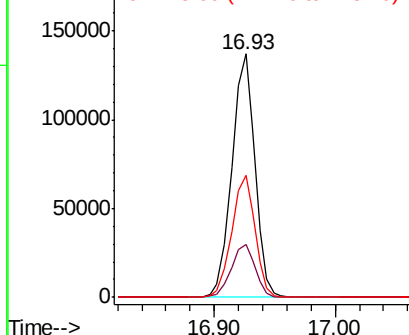
#69
Atrazine
Concen: 50.237 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

Tot Ion:200 Resp: 182429
Ion Ratio Lower Upper
200 100
173 21.9 3.6 43.6
215 50.1 29.6 69.6

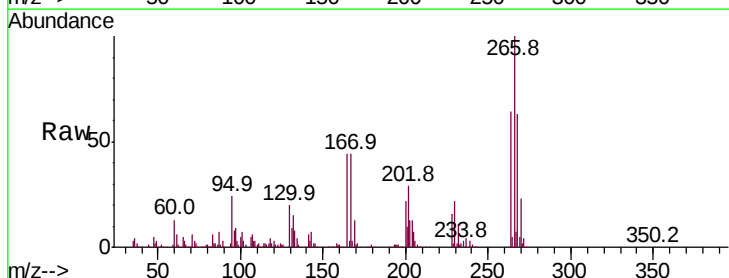


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

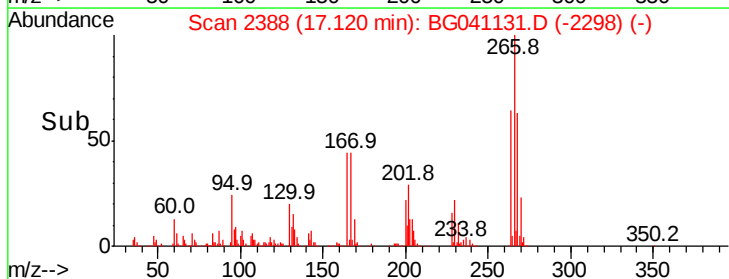
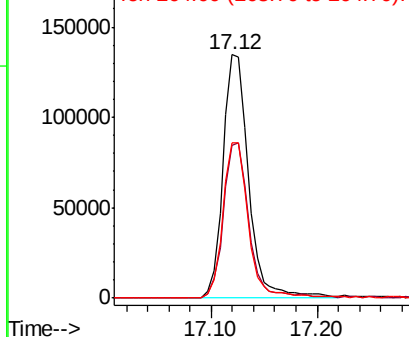


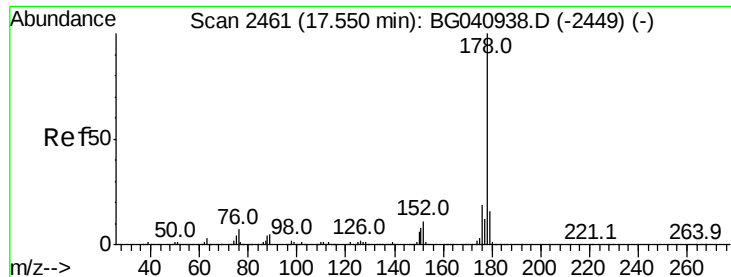
#70
Pentachlorophenol
Concen: 87.550 ng
RT: 17.12 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion:266 Resp: 226733
Ion Ratio Lower Upper
266 100
268 62.9 53.1 79.7
264 63.8 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.841 ng

RT: 17.53 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

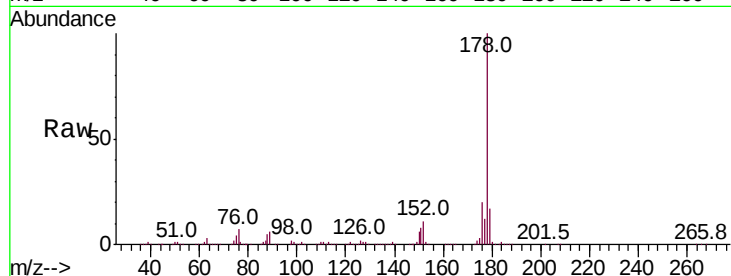
Tot Ion:178 Resp: 781960

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

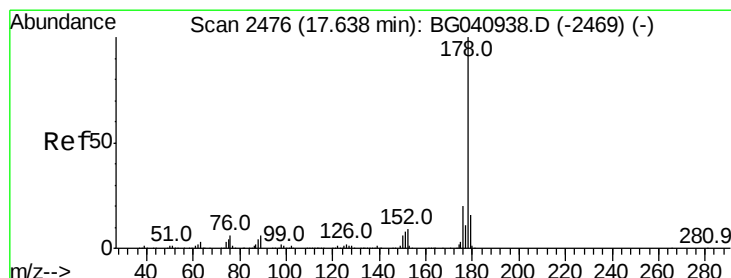
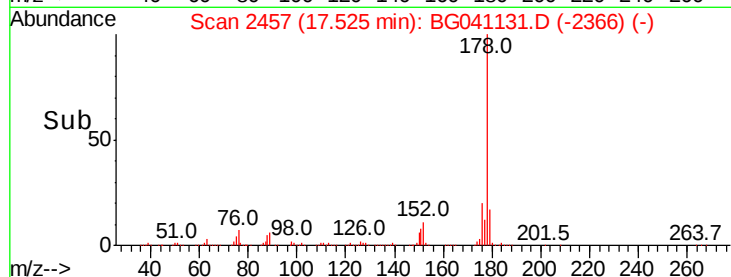
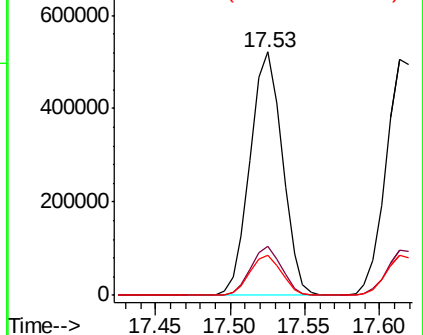
179 16.6 12.7 19.1



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: 46.569 ng

RT: 17.61 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

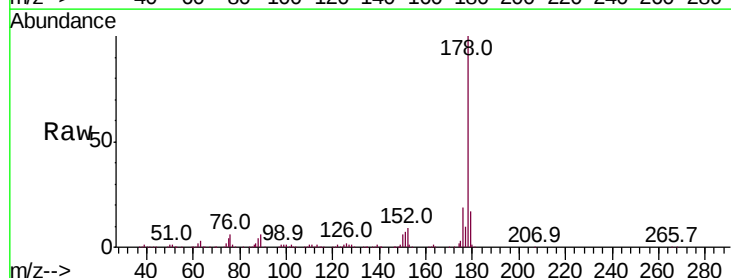
Tgt Ion:178 Resp: 800934

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

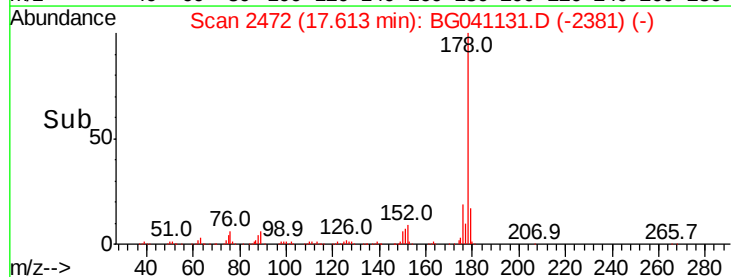
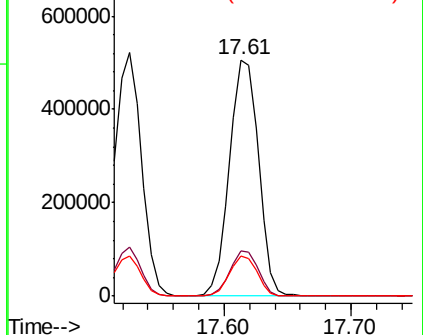
179 16.9 13.0 19.4

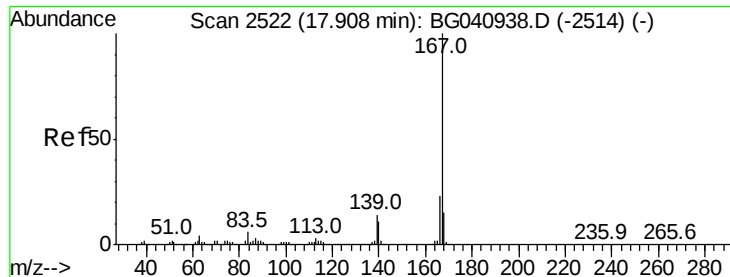


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

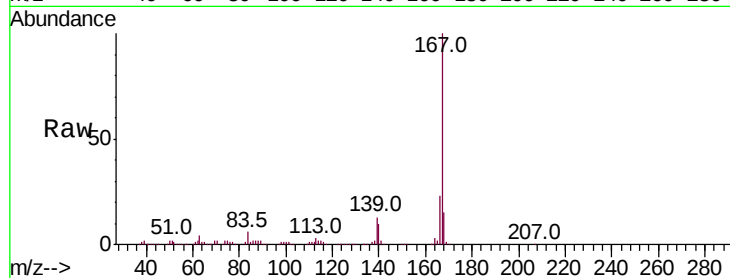




#73
 Carbazole
 Concen: 47.393 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041131.D
 Acq: 8 Jun 2019 13:36

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	13.5	10.8	16.2

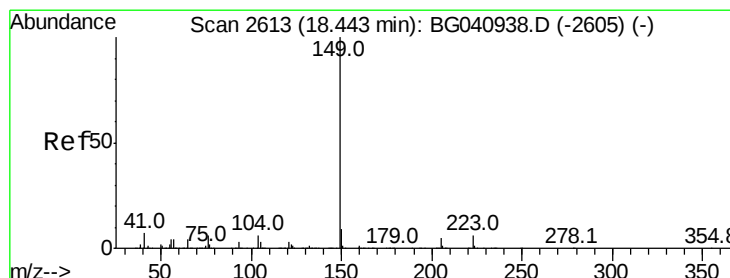
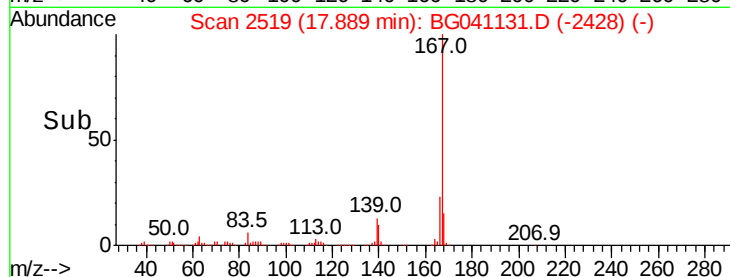
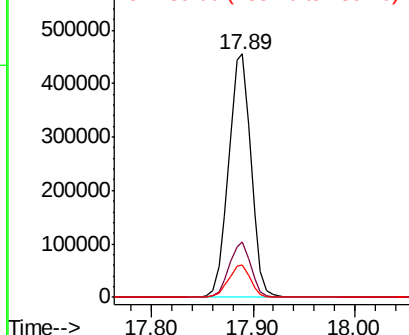


Abundance

Ion 167.00 (166.70 to 167.70): E

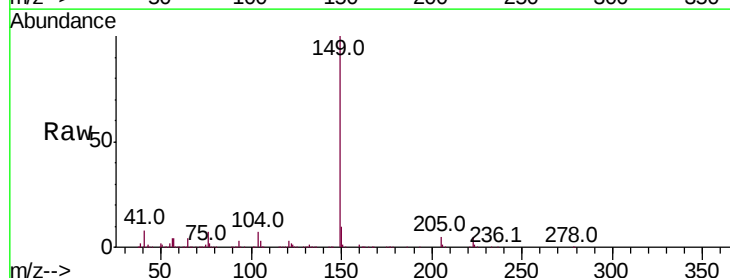
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 44.580 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041131.D
 Acq: 8 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.6	5.0	7.4

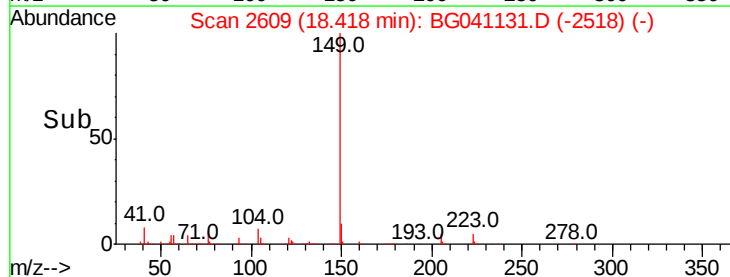
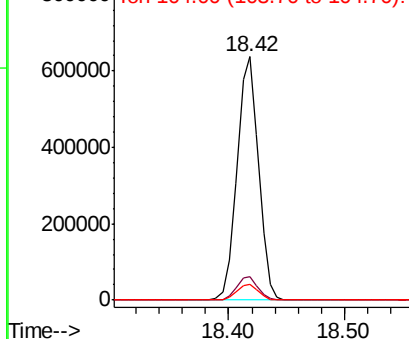


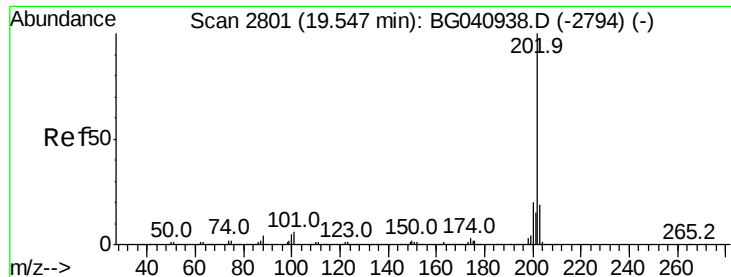
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.465 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

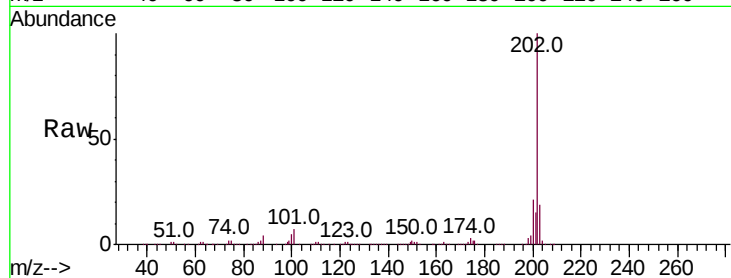
Tot Ion:202 Resp: 1022360

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.2

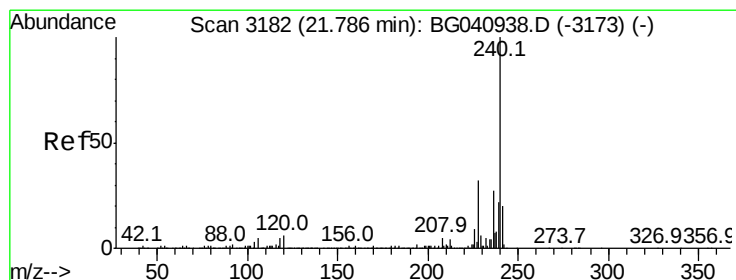
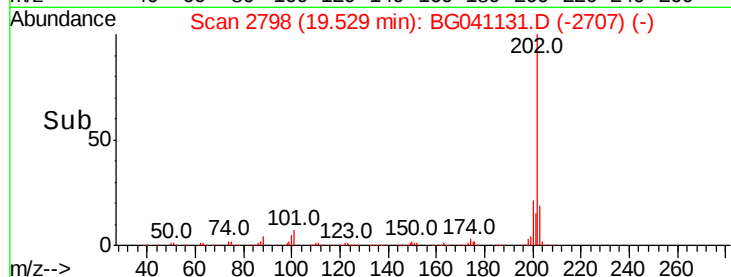
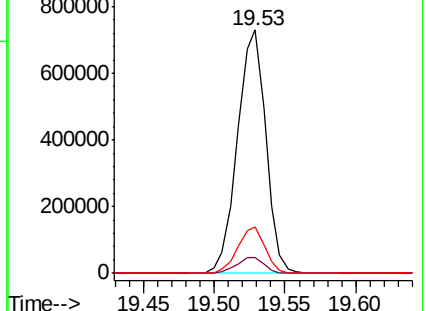
203 18.9 0.0 38.7



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: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

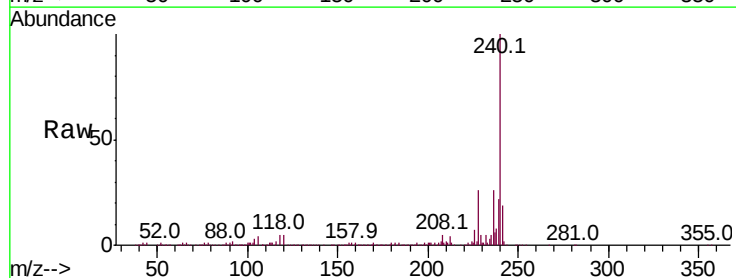
Tgt Ion:240 Resp: 342440

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

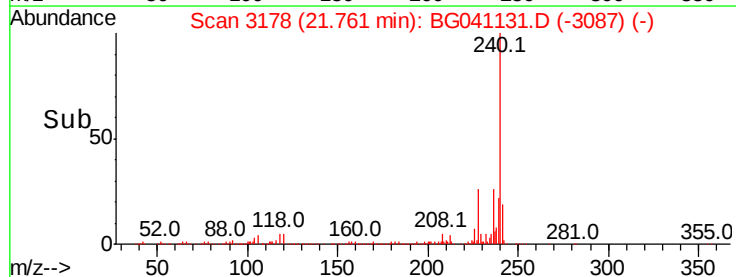
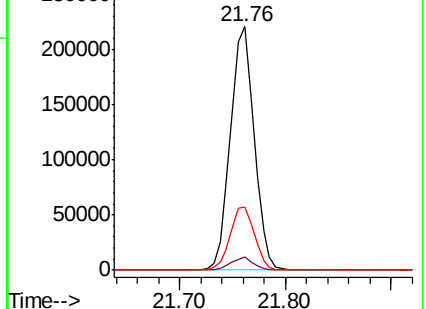
236 25.8 21.3 31.9

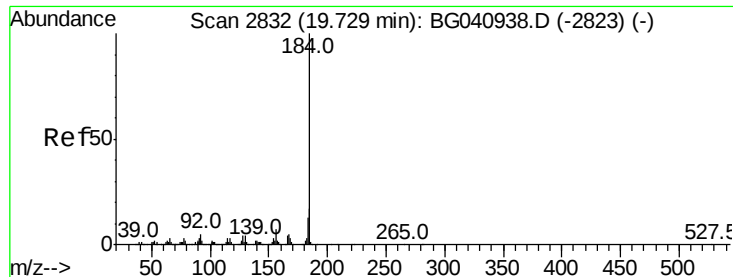


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.807 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

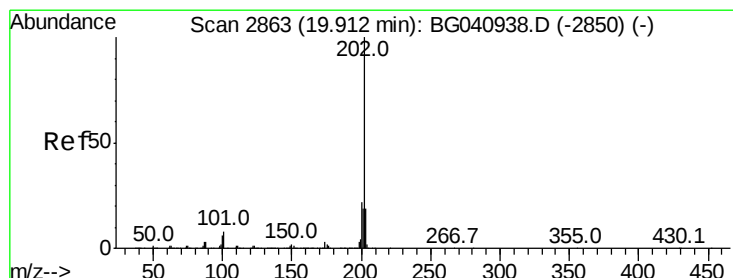
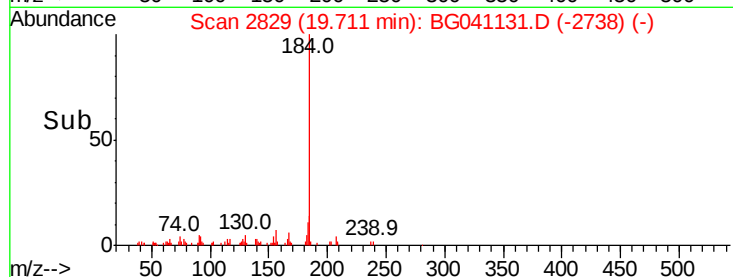
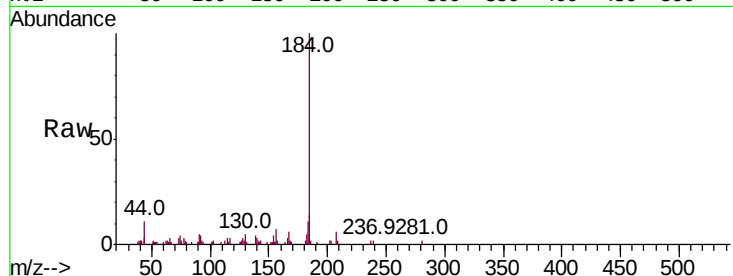
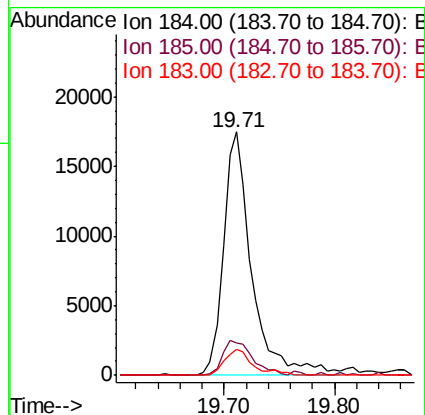
BNA_G

ClientSampleId :

HR-05-060519-AMS

Tot Ion:184 Resp: 31099

Ion	Ratio	Lower	Upper
184	100		
185	13.6	13.3	19.9
183	10.8	10.7	16.1



#78

Pyrene

Concen: 46.090 ng

RT: 19.89 min Scan# 2859

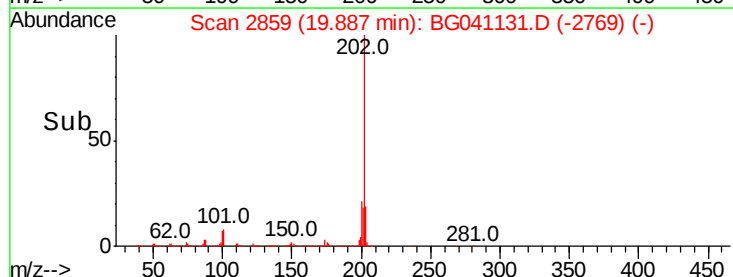
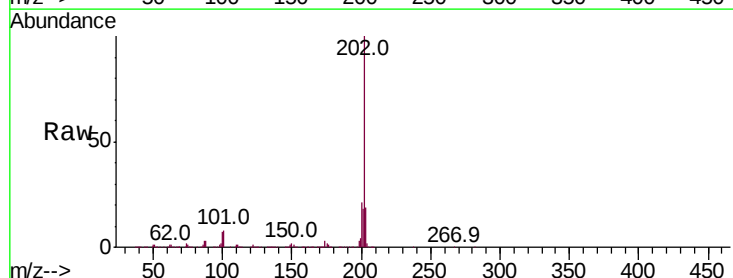
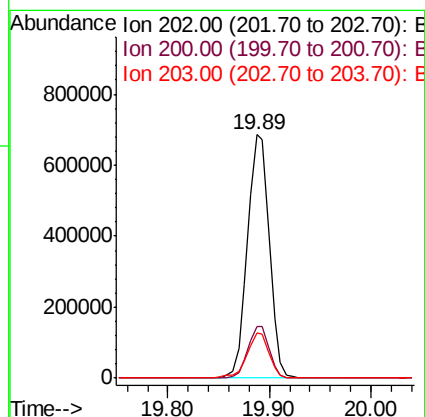
Delta R.T. -0.00 min

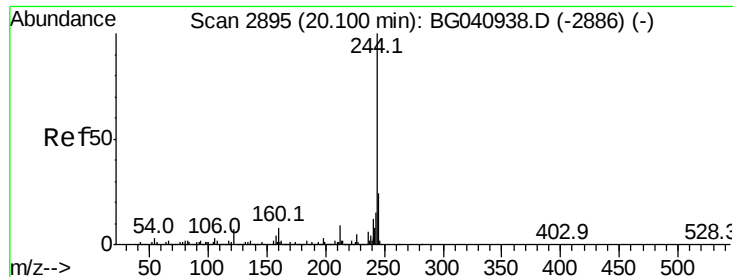
Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Tgt Ion:202 Resp: 1026000

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	18.7	15.6	23.4





#79

Terphenyl-d14

Concen: 93.491 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

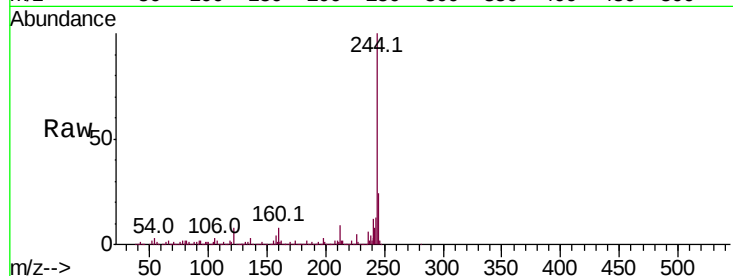
Tot Ion:244 Resp: 1508469

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	7.6	5.4	8.0

244 100

212 9.0 7.0 10.4

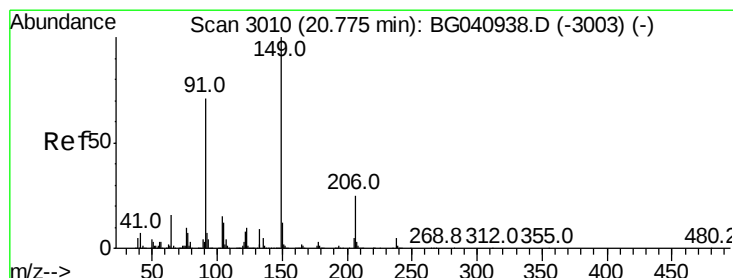
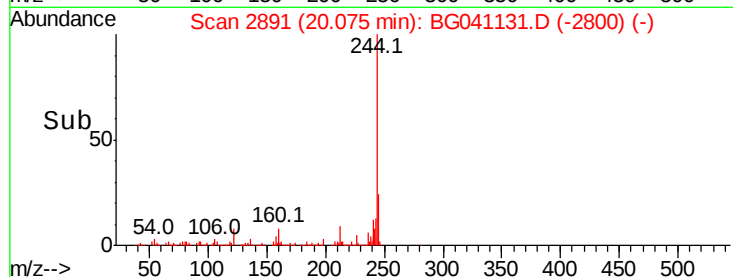
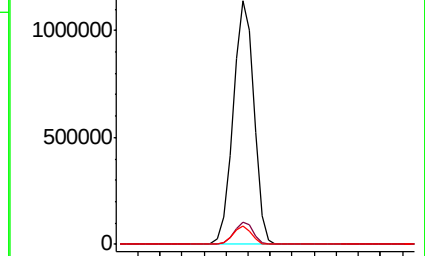
122 7.6 5.4 8.0



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: 45.235 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

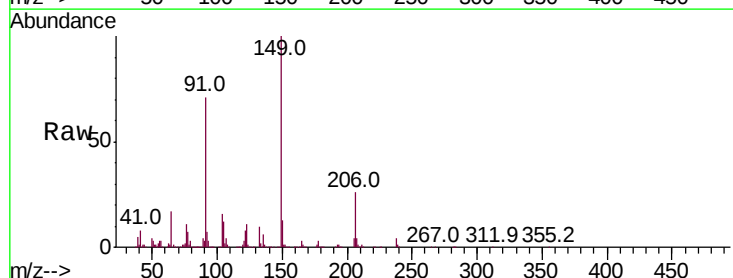
Tgt Ion:149 Resp: 391868

Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.5	84.7
206	26.2	20.3	30.5

149 100

91 70.6 56.5 84.7

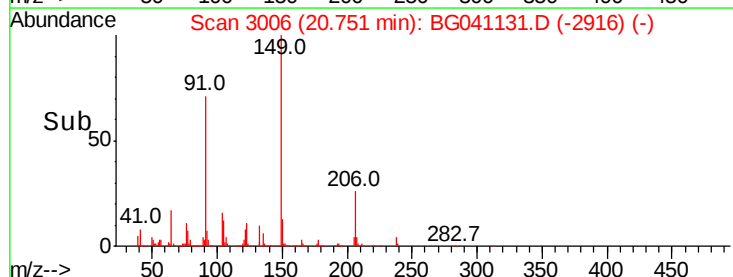
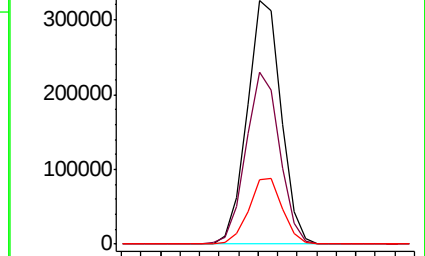
206 26.2 20.3 30.5

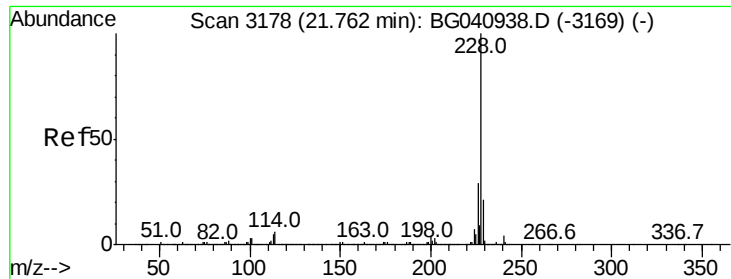


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

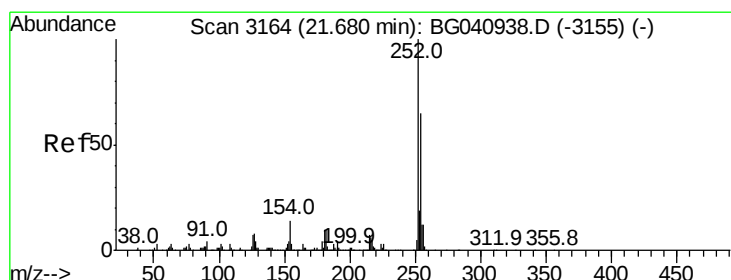
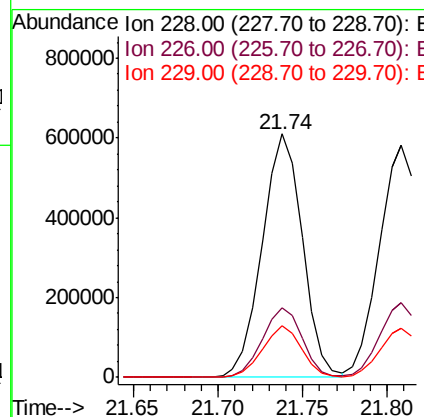
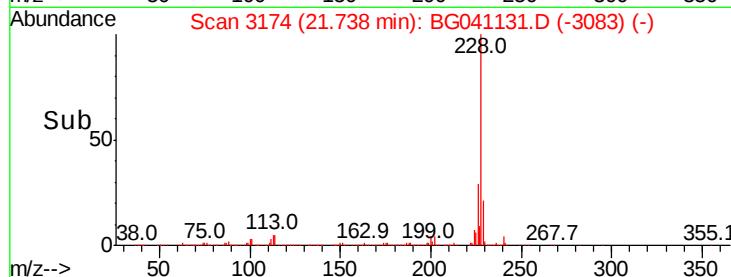
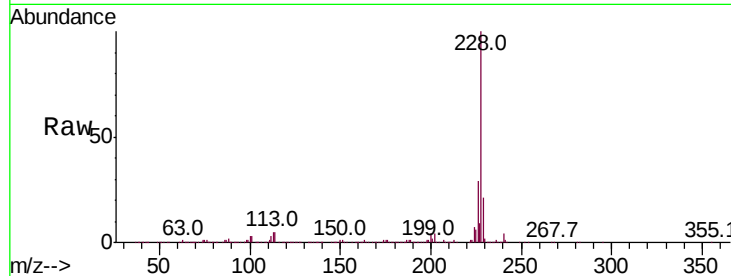




#81
Benzo(a)anthracene
Concen: 44.355 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

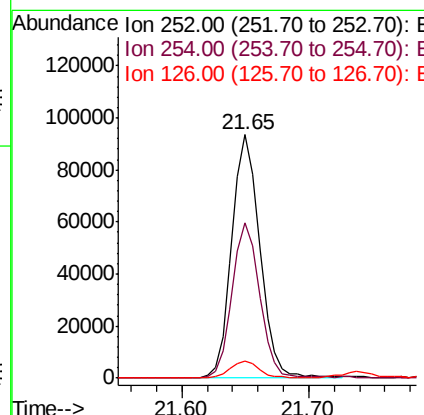
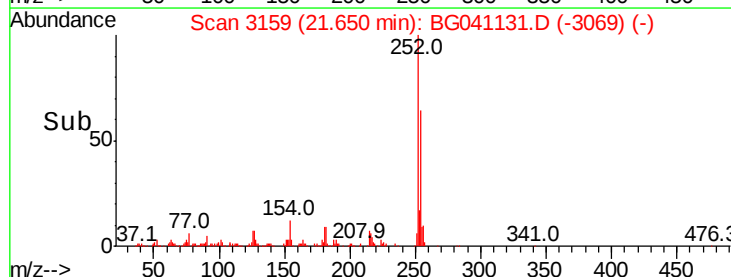
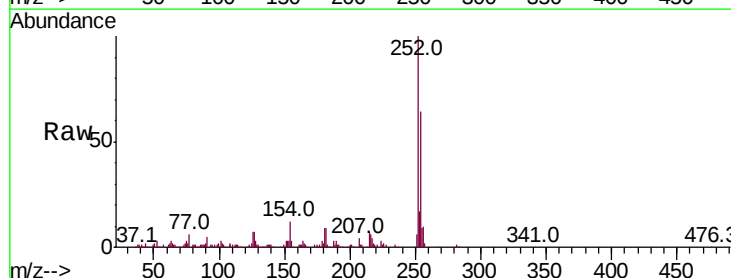
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

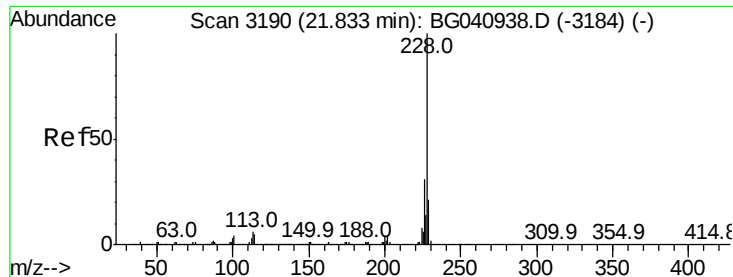
Tot Ion:228 Resp: 1011074
Ion Ratio Lower Upper
228 100
226 28.7 23.5 35.3
229 21.4 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 17.875 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion:252 Resp: 143313
Ion Ratio Lower Upper
252 100
254 64.0 52.1 78.1
126 7.3 5.5 8.3





#83

Chrysene

Concen: 45.168 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

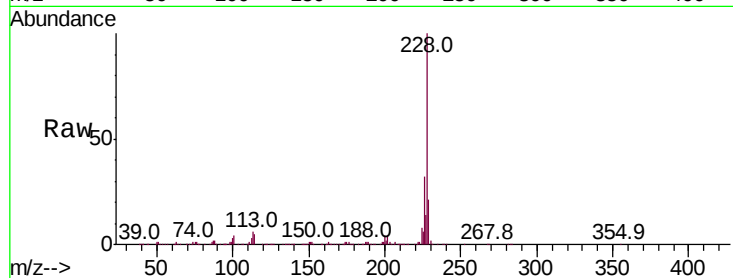
BNA_G

ClientSampleId :

HR-05-060519-AMS

Tot Ion:228 Resp: 985281

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	21.2	16.6	24.8

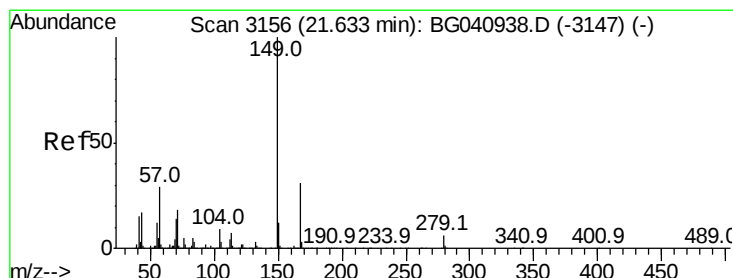
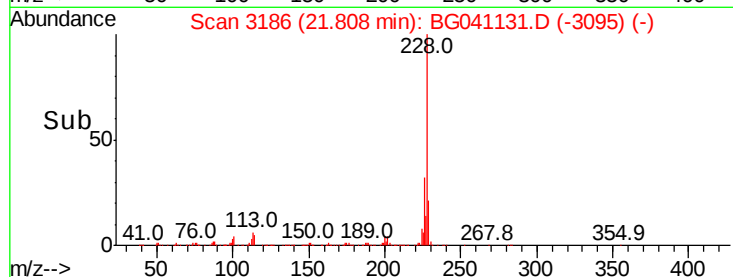
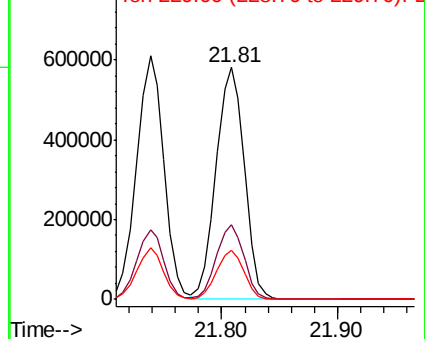


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.028 ng

RT: 21.61 min Scan# 3152

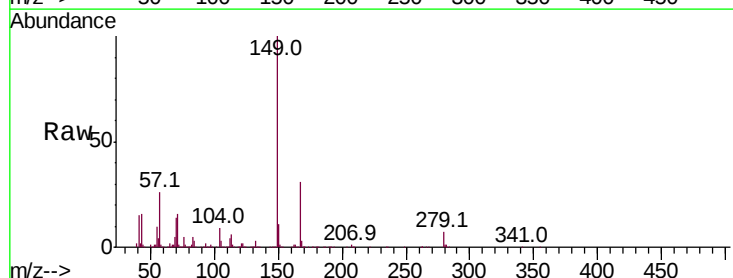
Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Tgt Ion:149 Resp: 536918

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.6	37.0
279	6.7	5.0	7.6

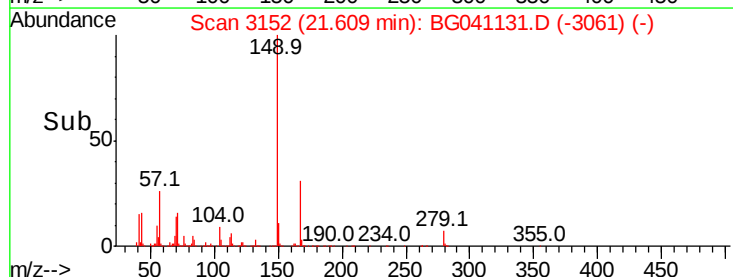
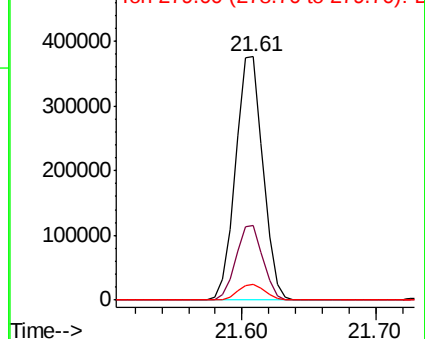


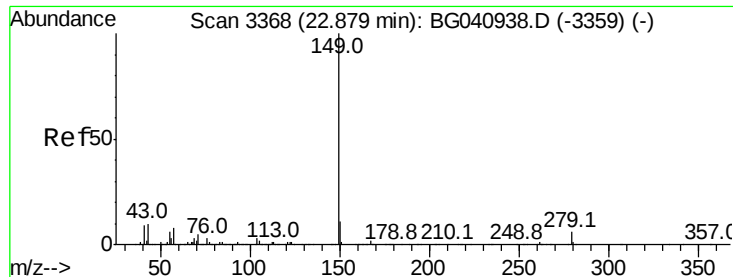
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

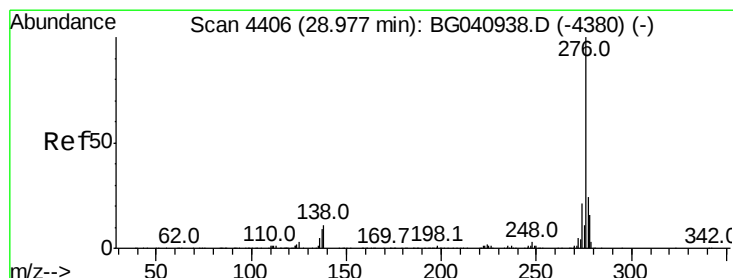
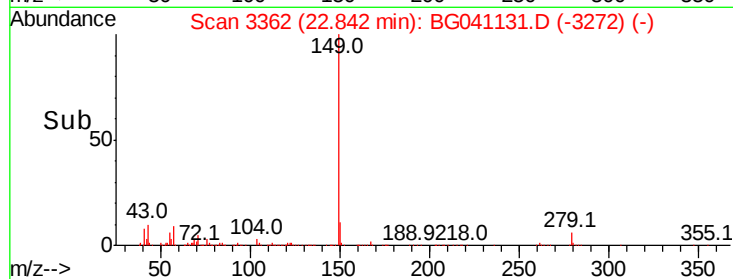
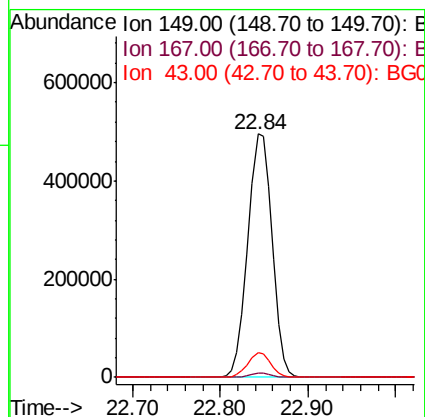
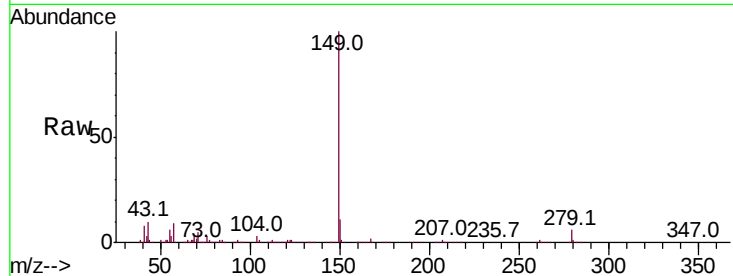




#85
Di-n-octyl phthalate
Concen: 45.630 ng
RT: 22.84 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

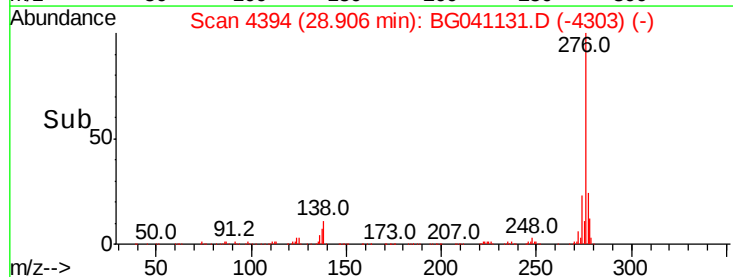
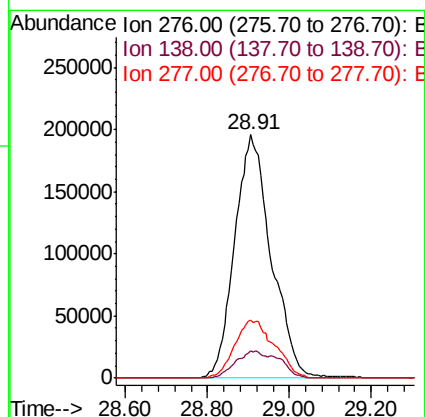
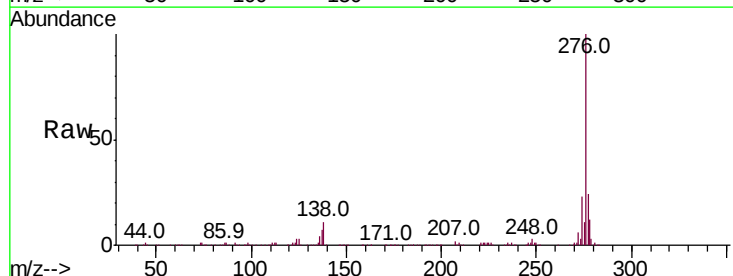
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

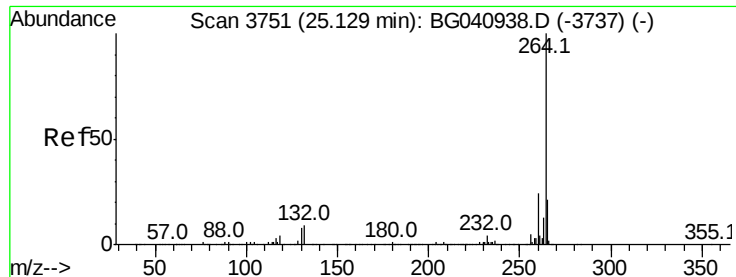
Tot Ion:149 Resp: 926752
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.7 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.285 ng
RT: 28.91 min Scan# 4394
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion:276 Resp: 1210087
Ion Ratio Lower Upper
276 100
138 9.2 5.7 8.5#
277 26.0 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

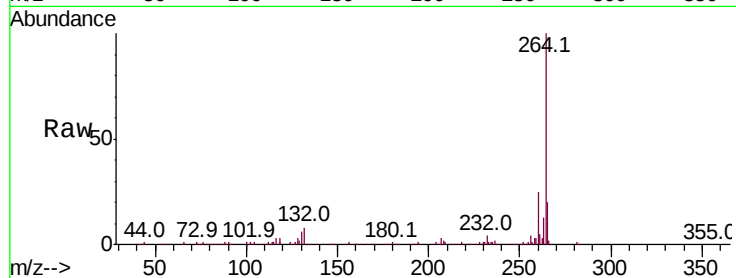
BNA_G

ClientSampleId :

HR-05-060519-AMS

Tot Ion:264 Resp: 364370

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	20.3	17.0	25.4

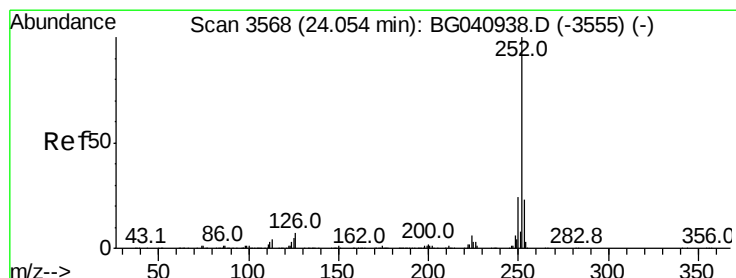
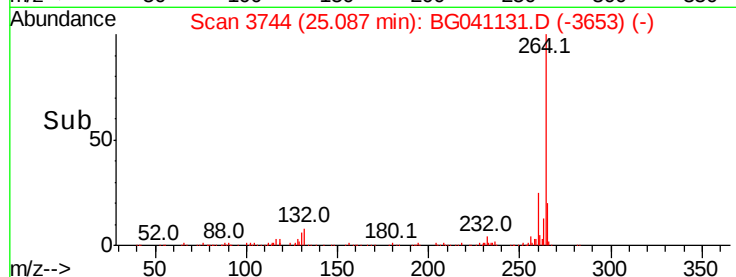
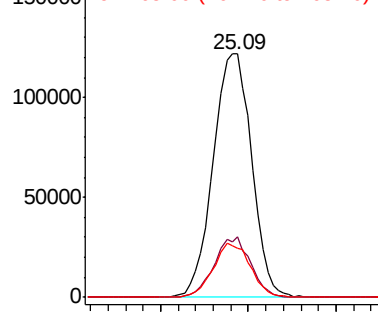


Abundance

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: 46.293 ng

RT: 24.02 min Scan# 3563

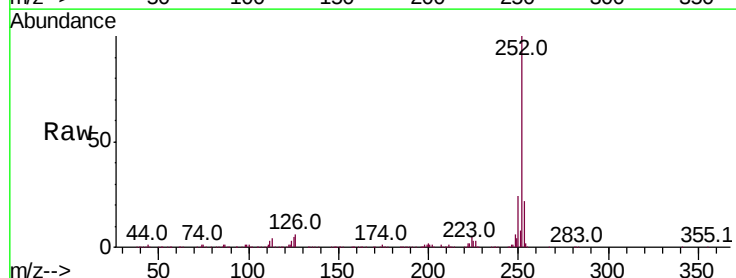
Delta R.T. 0.01 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Tgt Ion:252 Resp: 1023079

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	5.4	4.3	6.5

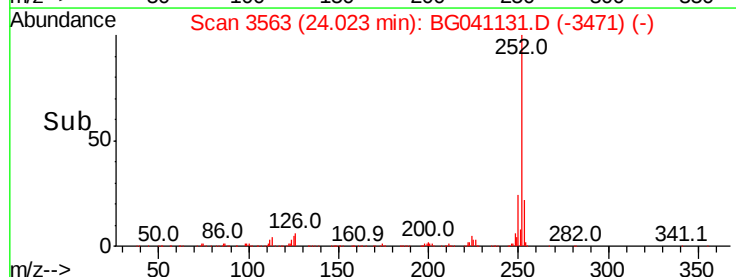
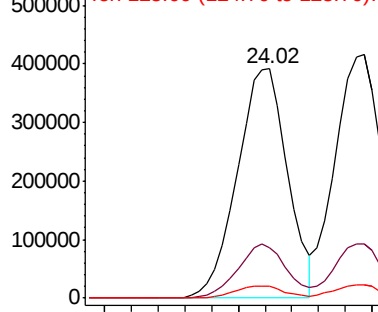


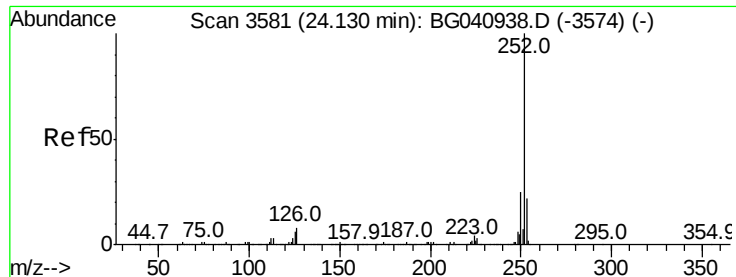
Abundance

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

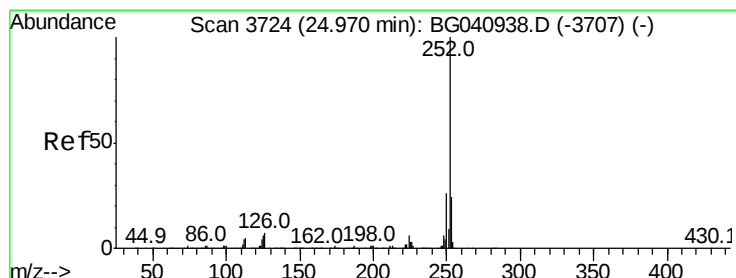
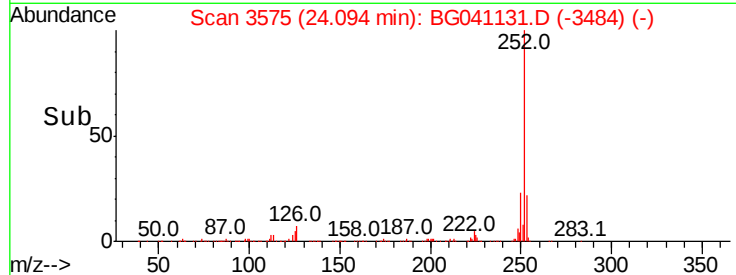
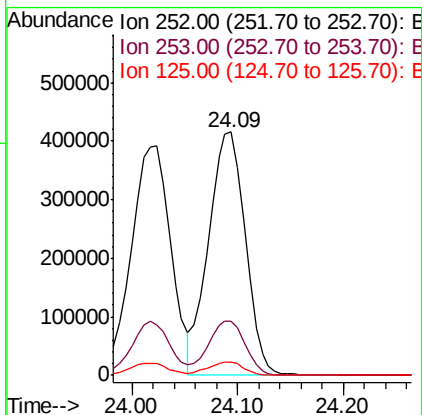
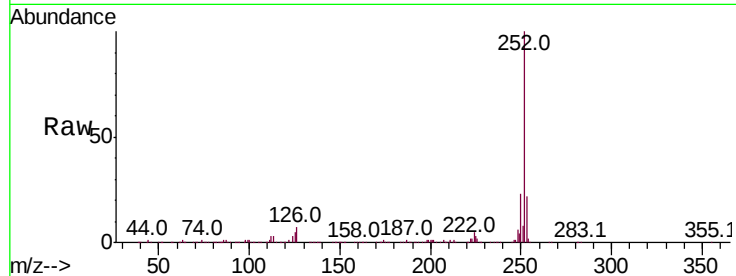




#89
Benzo(k)fluoranthene
Concen: 45.992 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

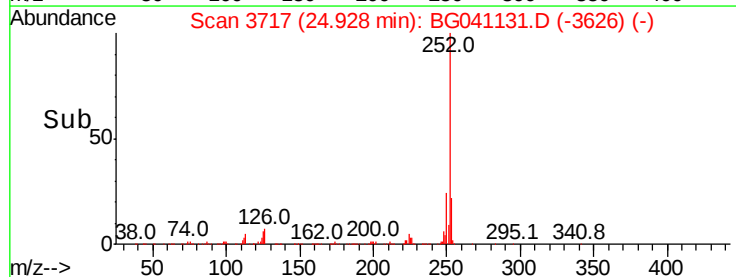
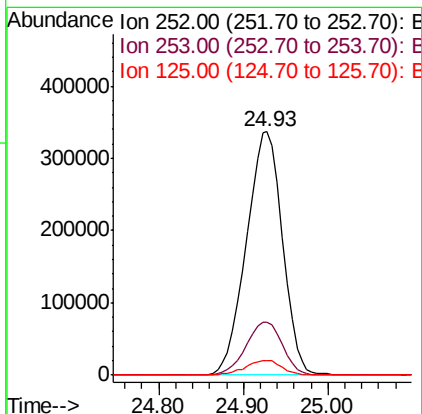
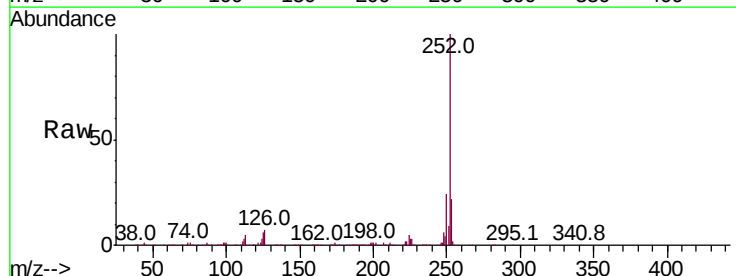
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-AMS

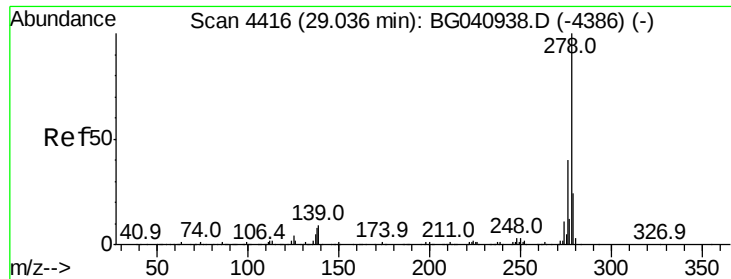
Tot Ion:252 Resp: 1005842
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 5.5 4.7 7.1



#90
Benzo(a)pyrene
Concen: 47.431 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041131.D
Acq: 8 Jun 2019 13:36

Tgt Ion:252 Resp: 1000089
Ion Ratio Lower Upper
252 100
253 22.0 19.5 29.3
125 6.0 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 47.282 ng

RT: 28.98 min Scan# 4406

Delta R.T. 0.01 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-AMS

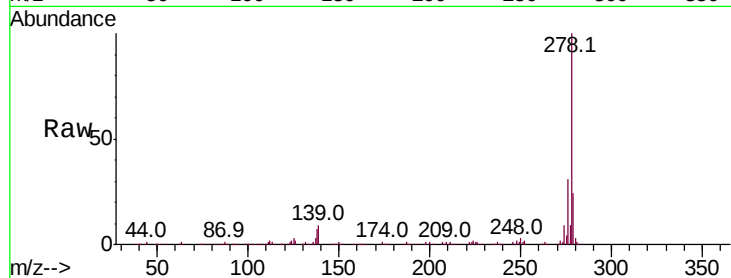
Tot Ion:278 Resp: 996161

Ion Ratio Lower Upper

278 100

139 9.4 7.1 10.7

279 24.3 19.4 29.2

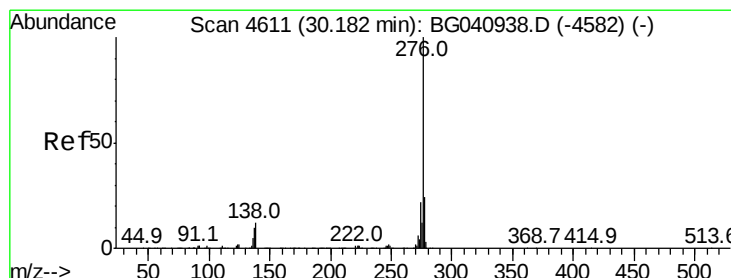
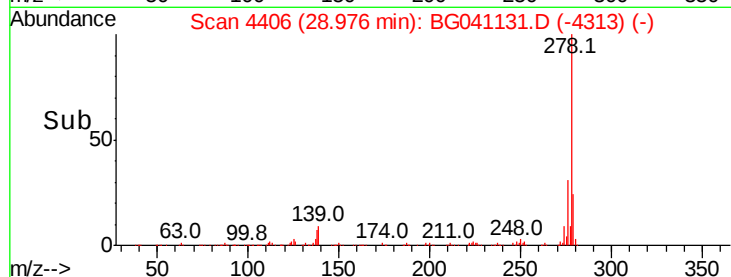
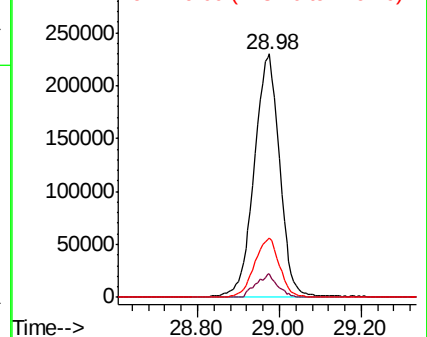


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.975 ng

RT: 30.12 min Scan# 4600

Delta R.T. 0.00 min

Lab File: BG041131.D

Acq: 8 Jun 2019 13:36

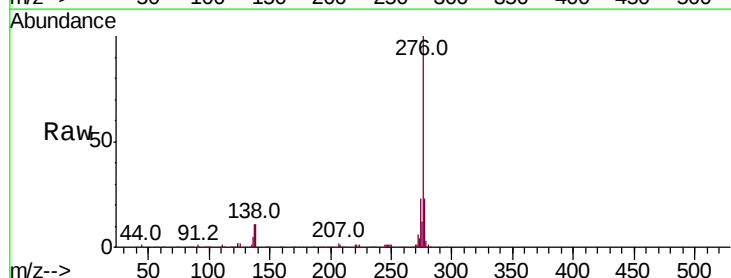
Tgt Ion:276 Resp: 1002464

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 11.3 9.7 14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

