

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040730.D
 Acq On : 3 May 2019 18:30
 Operator : JU/SJ
 Sample : K2635-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMS

Quant Time: May 03 23:17:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38465	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	154088	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	119398	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	337173	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	345241	20.00	ng	-0.02
87) Perylene-d12	25.17	264	369904	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	373586	171.21	ng	0.00
7) Phenol-d6	7.29	99	524276	156.04	ng	0.00
23) Nitrobenzene-d5	9.33	82	424121	127.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	355258	216.47	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	887456	107.34	ng	-0.02
79) Terphenyl-d14	20.11	244	1892091	121.42	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	44922	45.267	ng	# 25
3) Pyridine	3.96	79	129855	45.145	ng	96
4) n-Nitrosodimethylamine	3.87	42	81498	51.081	ng	93
6) Aniline	7.47	93	90531	20.329	ng	98
8) 2-Chlorophenol	7.71	128	146454	54.967	ng	95
9) Benzaldehyde	7.29	77	105195	59.220	ng	94
10) Phenol	7.31	94	183381	50.775	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	139670	51.571	ng	98
12) 1,3-Dichlorobenzene	8.03	146	126699	43.567	ng	98
13) 1,4-Dichlorobenzene	8.19	146	131383	44.565	ng	98
14) 1,2-Dichlorobenzene	8.50	146	126087	44.348	ng	96
15) Benzyl Alcohol	8.38	79	190260	54.424	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.67	45	243861	45.226	ng	95
17) 2-Methylphenol	8.57	107	141574	55.391	ng	94
18) Hexachloroethane	9.23	117	47486	39.266	ng	95
19) n-Nitroso-di-n-propylamine	8.96	70	145878	48.234	ng	93
20) 3+4-Methylphenols	8.90	107	196760	55.261	ng	97
22) Acetophenone	8.98	105	257615	60.123	ng	# 97
24) Nitrobenzene	9.37	77	224248	63.026	ng	98
25) Isophorone	9.89	82	409443	55.120	ng	100
26) 2-Nitrophenol	10.08	139	87464	68.578	ng	93
27) 2,4-Dimethylphenol	10.12	122	163226	68.210	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	207002	55.543	ng	98
29) 2,4-Dichlorophenol	10.61	162	181034	66.544	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	162322	53.804	ng	99
31) Naphthalene	11.02	128	440112	53.763	ng	100
32) Benzoic acid	10.24	122	93473	57.058	ng	# 83
33) 4-Chloroaniline	11.13	127	16657	4.589	ng	95
34) Hexachlorobutadiene	11.28	225	111516	50.068	ng	98
35) Caprolactam	11.91	113	37360	34.783	ng	95
36) 4-Chloro-3-methylphenol	12.23	107	219386	63.924	ng	98
37) 2-Methylnaphthalene	12.62	142	351534	57.434	ng	98
38) 1-Methylnaphthalene	12.83	142	336688	56.278	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	245535	55.203	ng	99

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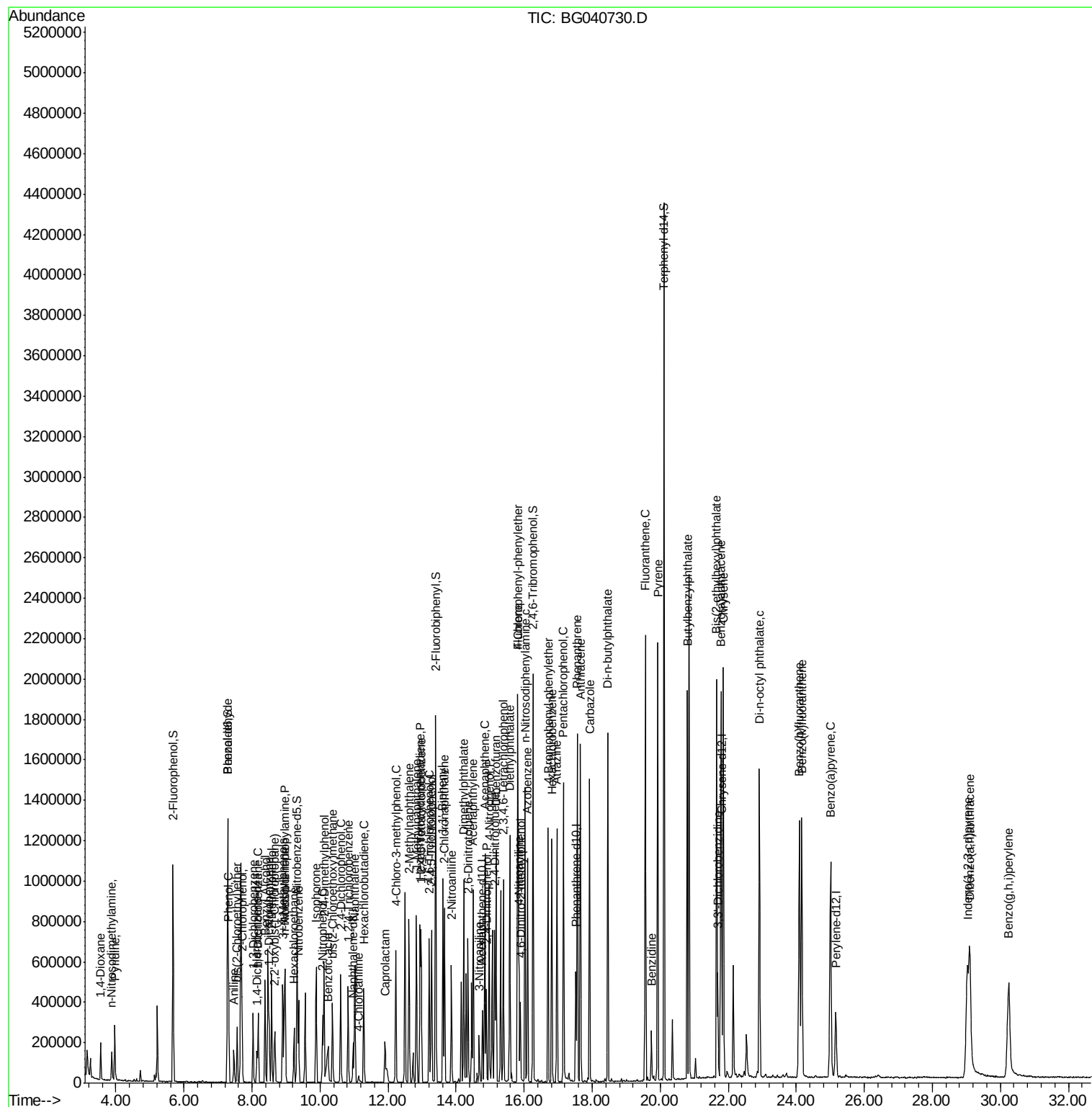
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	235687	89.799	nq	95
43) 2,4,6-Trichlorophenol	13.21	196	177592	66.071	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	201678	68.878	nq	97
46) 1,1'-Biphenyl	13.61	154	490208	52.880	nq	96
47) 2-Chloronaphthalene	13.66	162	416454	57.404	nq	96
48) 2-Nitroaniline	13.86	65	179325	69.441	nq	97
49) Acenaphthylene	14.50	152	668103	54.280	nq	99
50) Dimethylphthalate	14.23	163	604081	60.470	nq	98
51) 2,6-Dinitrotoluene	14.35	165	136224	69.869	nq	92
52) Acenaphthene	14.84	154	397767	55.492	nq	97
53) 3-Nitroaniline	14.68	138	49402	24.730	nq	# 87
54) 2,4-Dinitrophenol	14.89	184	92087	83.416	nq	# 78
55) Dibenzofuran	15.17	168	695960	59.277	nq	98
56) 4-Nitrophenol	14.97	139	205496	118.632	nq	94
57) 2,4-Dinitrotoluene	15.14	165	201552	76.077	nq	88
58) Fluorene	15.82	166	564531	59.490	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	215190	73.017	nq	98
60) Diethylphthalate	15.58	149	635567	60.300	nq	99
61) 4-Chlorophenyl-phenylether	15.81	204	341485	61.872	nq	98
62) 4-Nitroaniline	15.85	138	138112	61.805	nq	98
63) Azobenzene	16.10	77	622804	57.376	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	88257	52.366	nq	88
66) n-Nitrosodiphenylamine	16.02	169	539452	54.380	nq	100
67) 4-Bromophenyl-phenylether	16.70	248	235669	56.102	nq	94
68) Hexachlorobenzene	16.81	284	246884	56.839	nq	95
69) Atrazine	16.96	200	246124	62.623	nq	99
70) Pentachlorophenol	17.16	266	276042	108.605	nq	97
71) Phenanthrene	17.56	178	1047320	57.669	nq	98
72) Anthracene	17.65	178	1059765	58.054	nq	99
73) Carbazole	17.92	167	952844	57.291	nq	99
74) Di-n-butylphthalate	18.46	149	1151989	57.387	nq	99
75) Fluoranthene	19.56	202	1360089	60.097	nq	100
77) Benzidine	19.74	184	140800	14.895	nq	98
78) Pyrene	19.93	202	1357717	62.746	nq	97
80) Butylbenzylphthalate	20.80	149	532987	63.198	nq	93
81) Benzo(a)anthracene	21.78	228	1322158	60.595	nq	99
82) 3,3'-Dichlorobenzidine	21.69	252	190366	24.478	nq	96
83) Chrysene	21.85	228	1291170	62.222	nq	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	730231	59.983	nq	96
85) Di-n-octyl phthalate	22.92	149	1259633	61.438	nq	98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1491816	59.461	nq	# 90
88) Benzo(b)fluoranthene	24.09	252	1374809	60.821	nq	97
89) Benzo(k)fluoranthene	24.16	252	1321482	62.599	nq	99
90) Benzo(a)pyrene	25.01	252	1321777	61.774	nq	100
91) Dibenzo(a,h)anthracene	29.10	278	1208392	55.807	nq	98
92) Benzo(g,h,i)perylene	30.25	276	1163375	53.986	nq	98

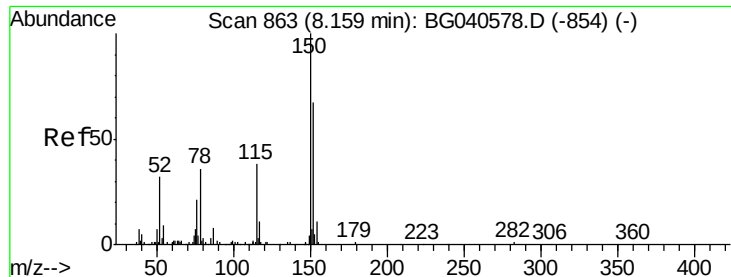
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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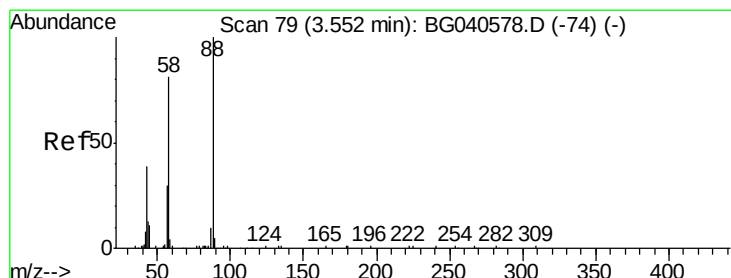
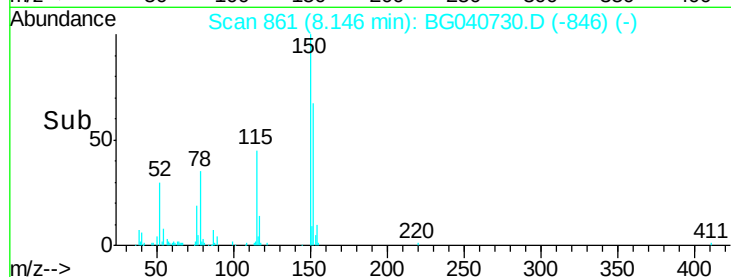
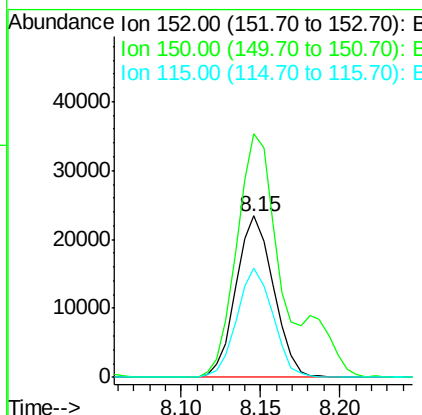
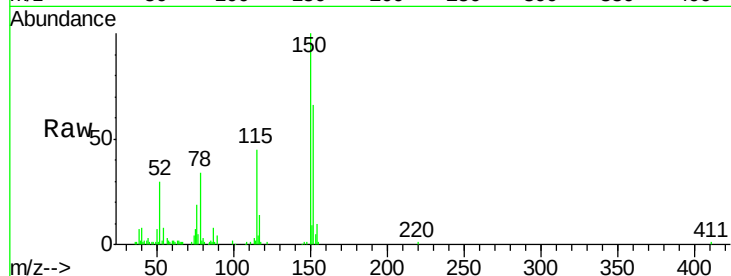


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :
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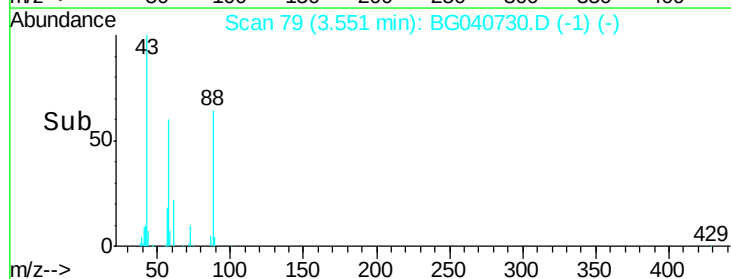
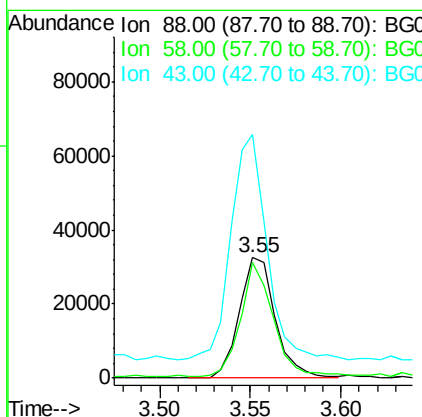
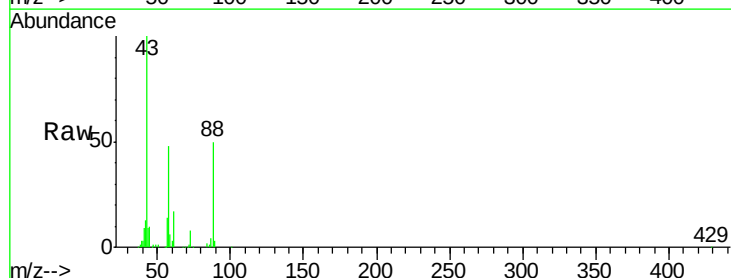
Tot Ion:152 Resp: 38465
 Ion Ratio Lower Upper
 152 100
 150 150.8 120.2 180.2
 115 67.4 46.2 69.2

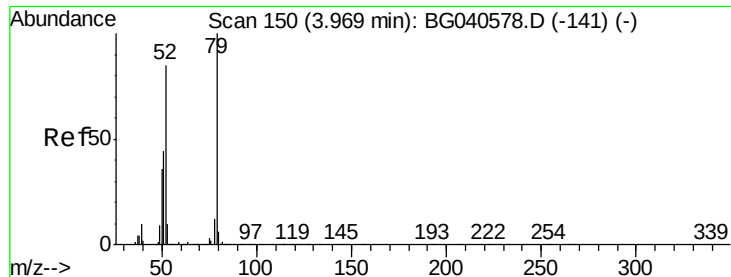


#2

1,4-Dioxane
 Concen: 45.267 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.00 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

Tgt Ion: 88 Resp: 44922
 Ion Ratio Lower Upper
 88 100
 58 86.8 71.2 106.8
 43 188.0 35.6 53.4#





#3

Pvridine

Concen: 45.145 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

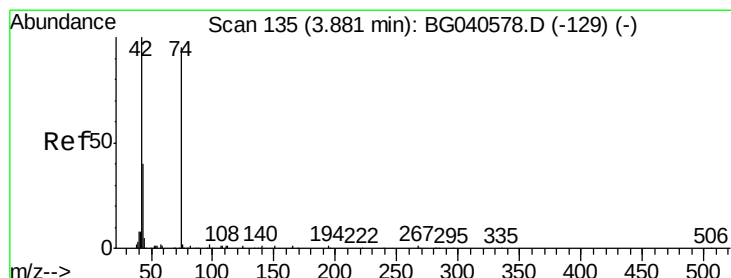
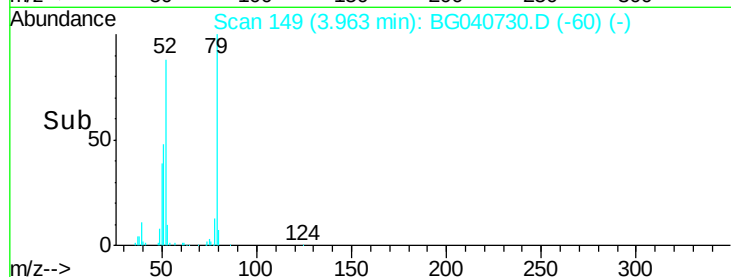
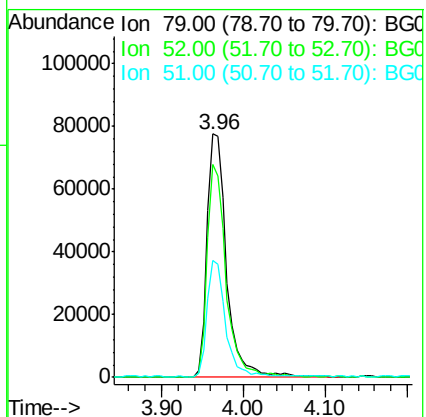
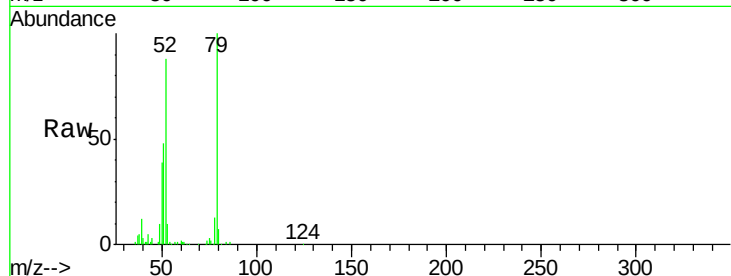
Tot Ion: 79 Resp: 129855

Ion Ratio Lower Upper

79 100

52 87.6 67.5 101.3

51 48.2 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 51.081 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

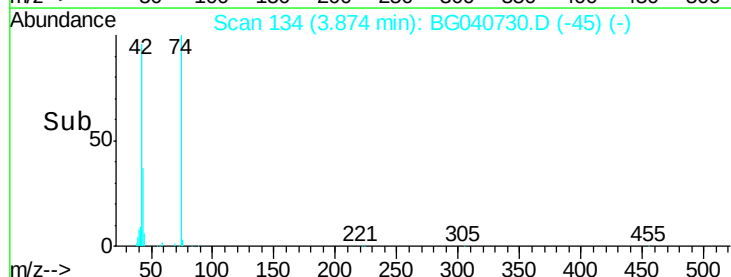
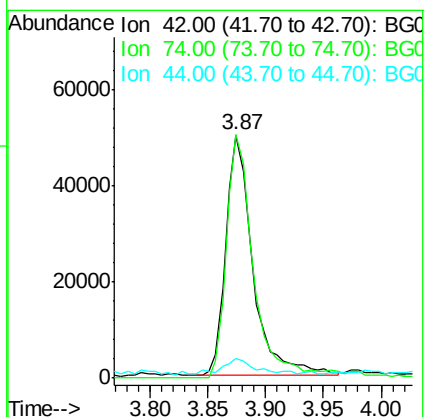
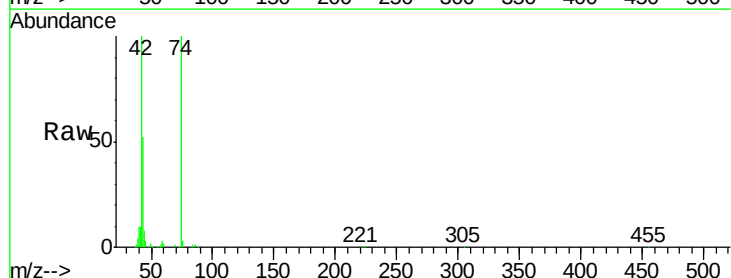
Tgt Ion: 42 Resp: 81498

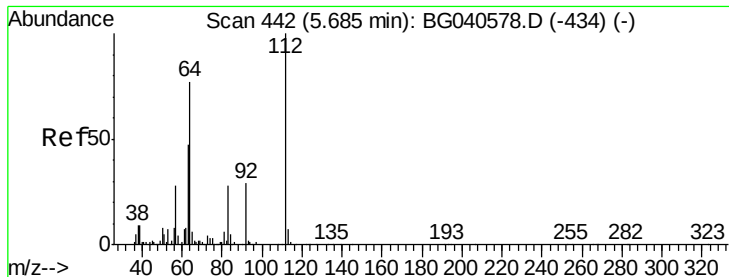
Ion Ratio Lower Upper

42 100

74 100.4 74.6 111.8

44 7.9 7.4 11.0





#5

2-Fluorophenol

Concen: 171.206 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

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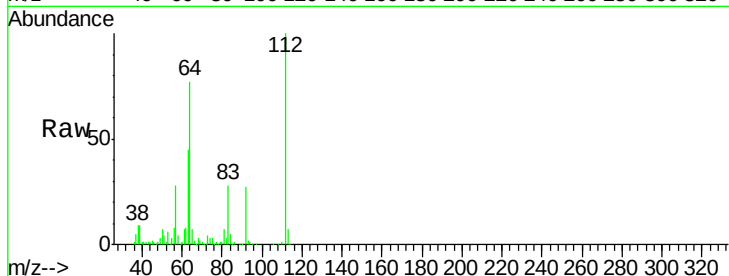
Tot Ion:112 Resp: 373586

Ion Ratio Lower Upper

112 100

64 76.9 61.4 92.0

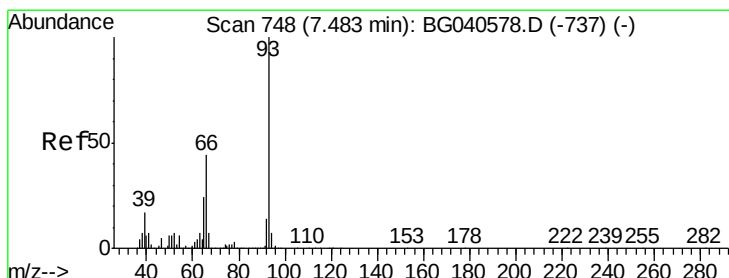
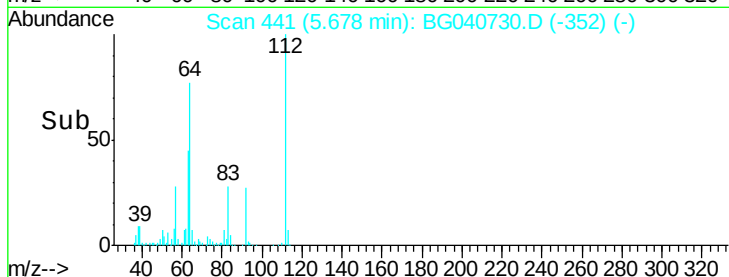
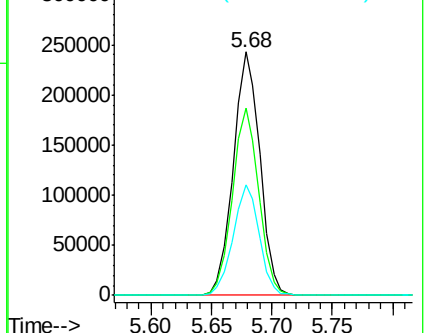
63 45.2 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.329 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

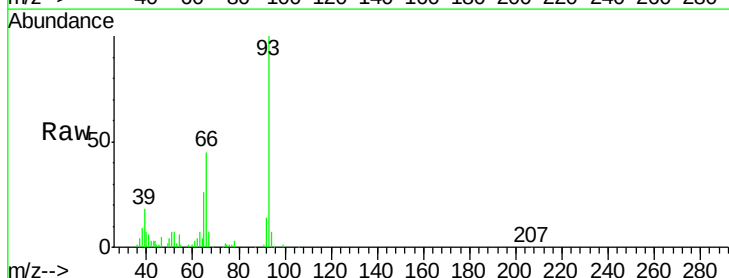
Tgt Ion: 93 Resp: 90531

Ion Ratio Lower Upper

93 100

66 44.6 35.5 53.3

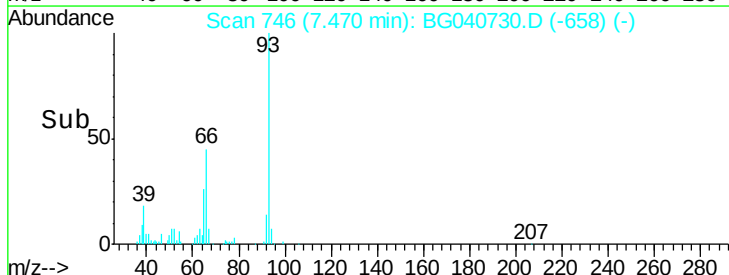
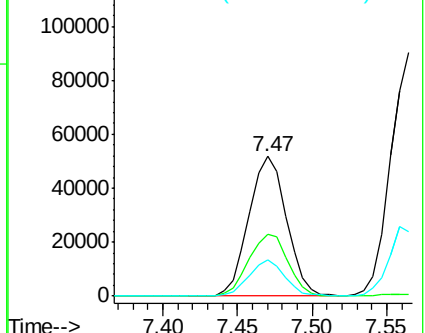
65 26.3 19.2 28.8

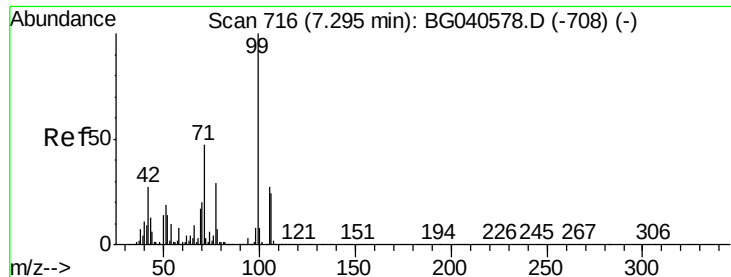


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 156.044 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

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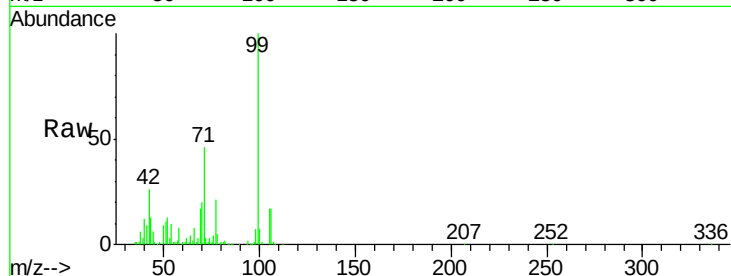
Tot Ion: 99 Resp: 524276

Ion	Ratio	Lower	Upper
99	100		
42	26.2	21.8	32.8
71	46.3	38.6	57.8

99 100

42 26.2 21.8 32.8

71 46.3 38.6 57.8

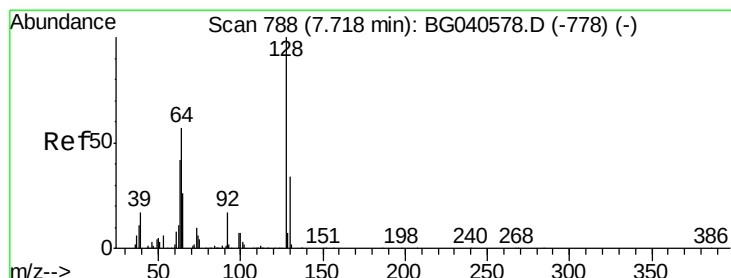
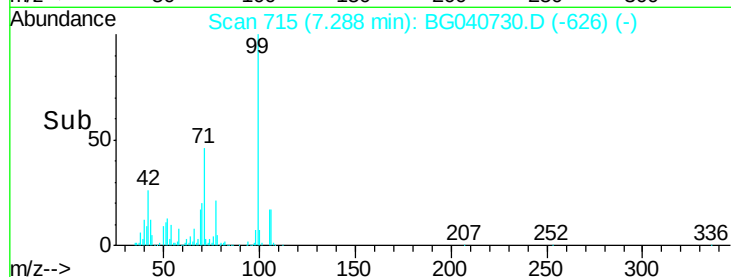
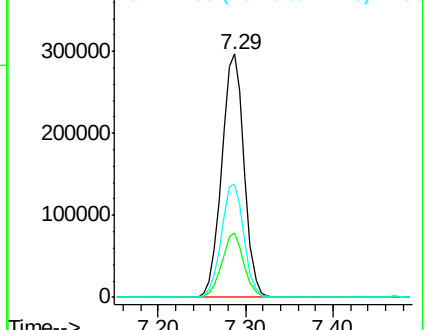


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 54.967 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

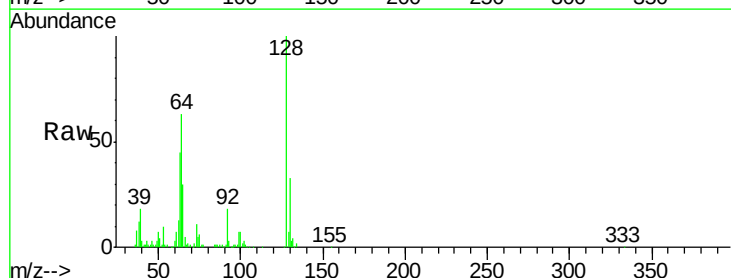
Tgt Ion: 128 Resp: 146454

Ion	Ratio	Lower	Upper
128	100		
130	32.8	14.5	54.5
64	63.0	38.4	78.4

128 100

130 32.8 14.5 54.5

64 63.0 38.4 78.4

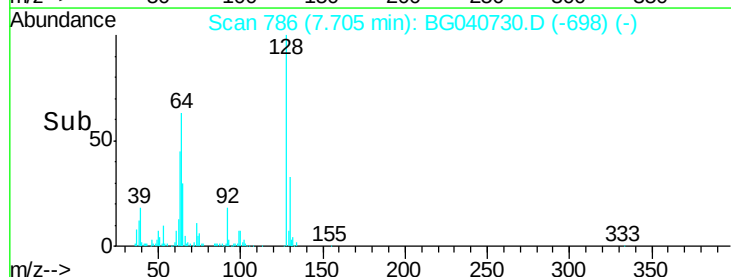
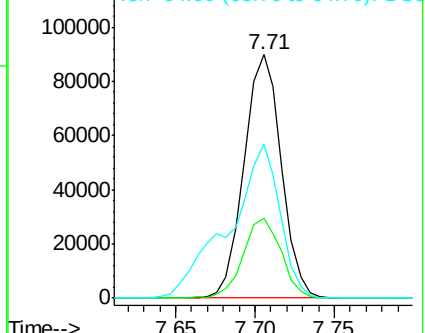


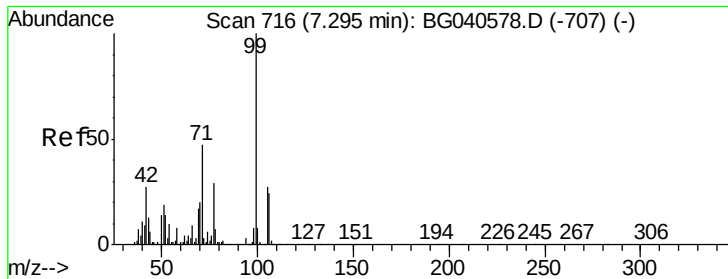
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 59.220 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

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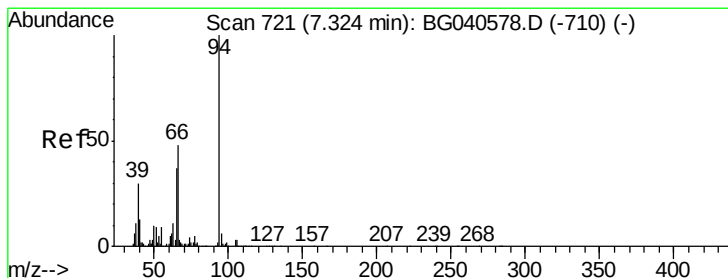
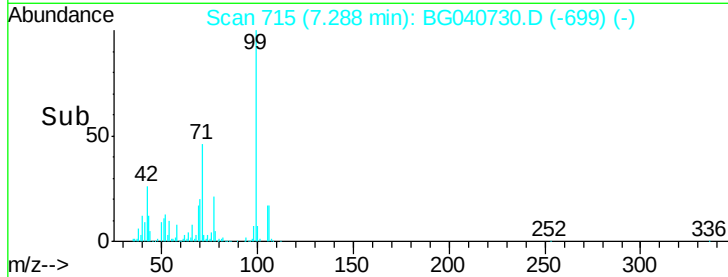
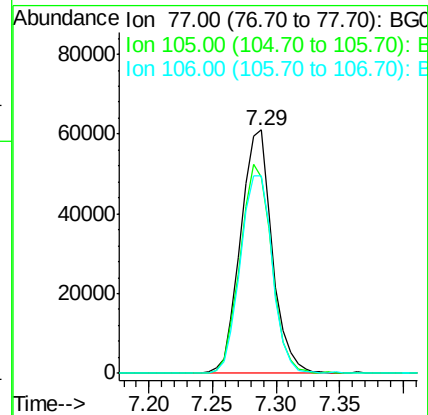
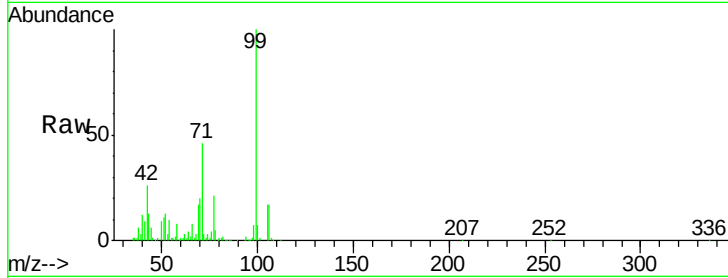
Tot Ion: 77 Resp: 105195

Ion Ratio Lower Upper

77 100

105 80.8 72.0 112.0

106 81.2 61.2 101.2



#10

Phenol

Concen: 50.775 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

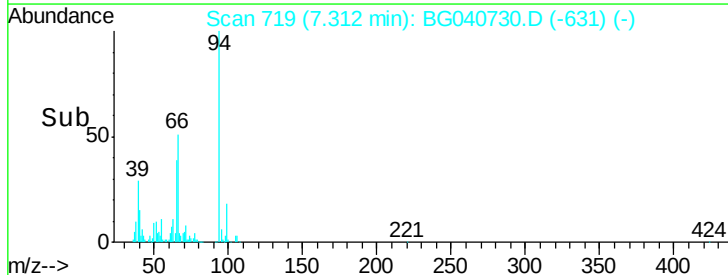
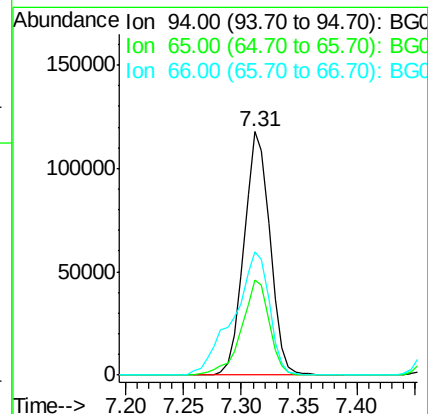
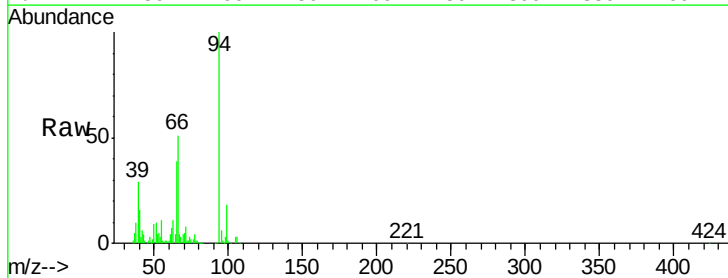
Tgt Ion: 94 Resp: 183381

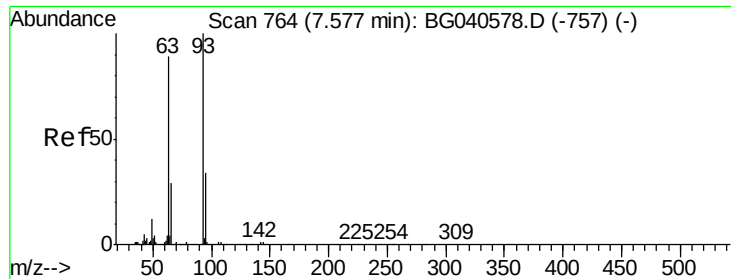
Ion Ratio Lower Upper

94 100

65 39.1 17.0 57.0

66 50.8 28.6 68.6

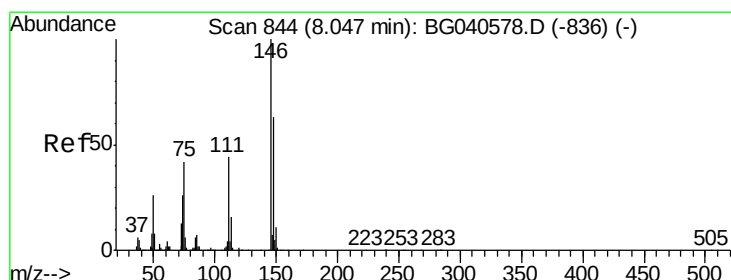
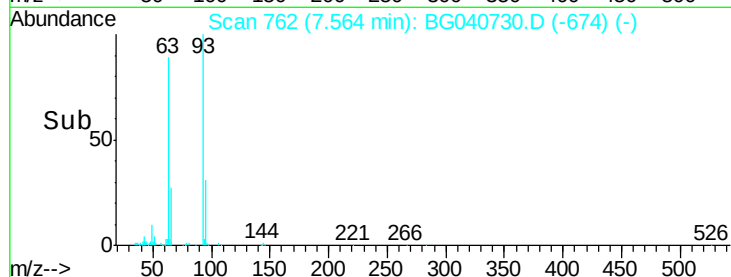
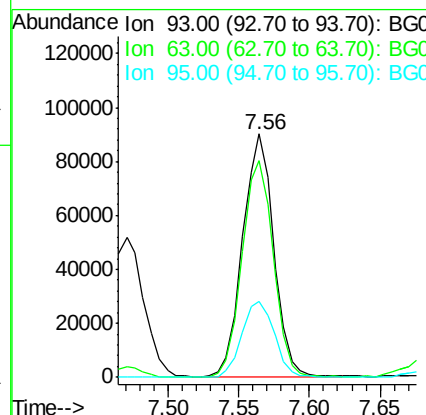
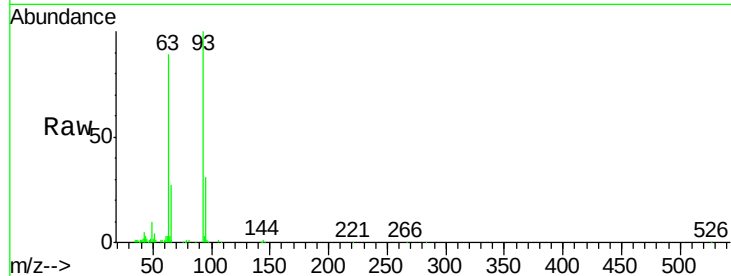




#11
 bis(2-Chloroethyl)ether
 Concen: 51.571 ng
 RT: 7.56 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

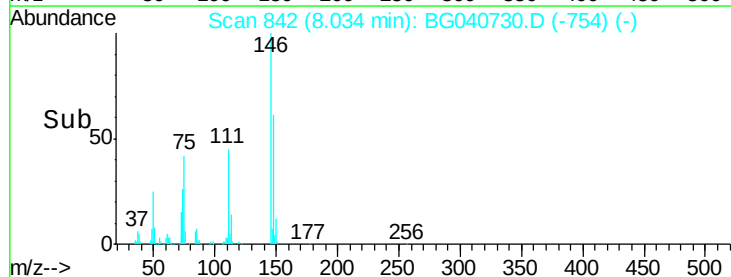
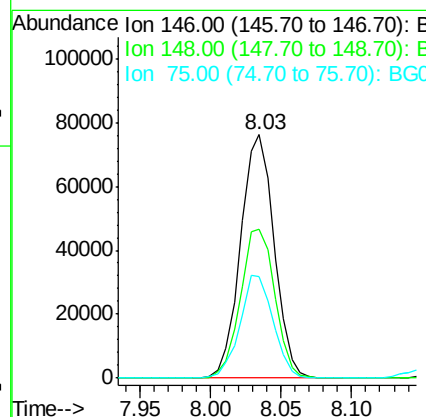
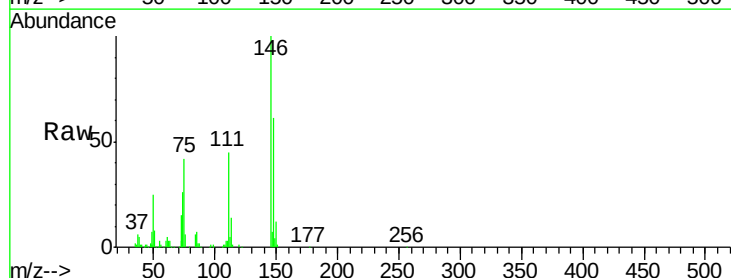
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMS

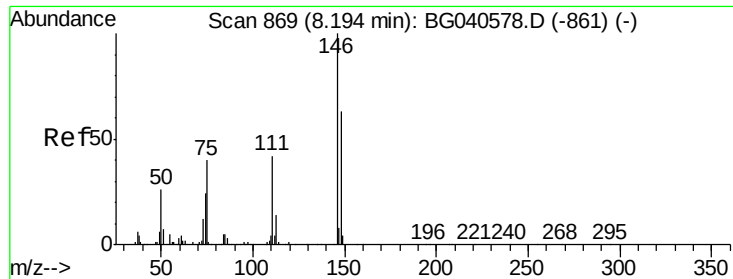
Tot Ion: 93 Resp: 139670
 Ion Ratio Lower Upper
 93 100
 63 88.8 68.2 108.2
 95 30.9 14.3 54.3



#12
 1,3-Dichlorobenzene
 Concen: 43.567 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

Tgt Ion: 146 Resp: 126699
 Ion Ratio Lower Upper
 146 100
 148 61.4 50.7 76.1
 75 41.6 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 44.565 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

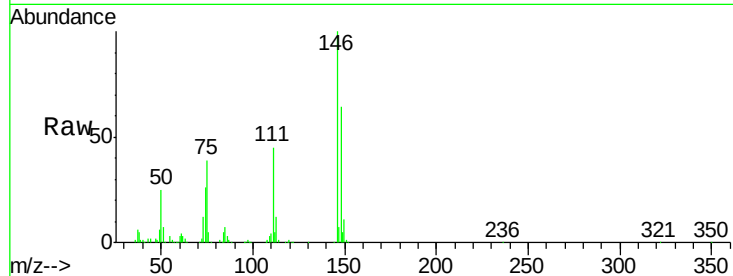
Tot Ion:146 Resp: 131383

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

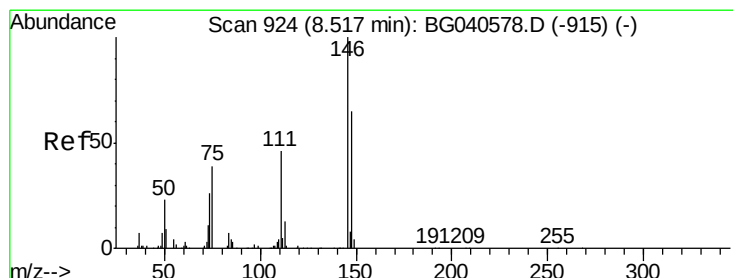
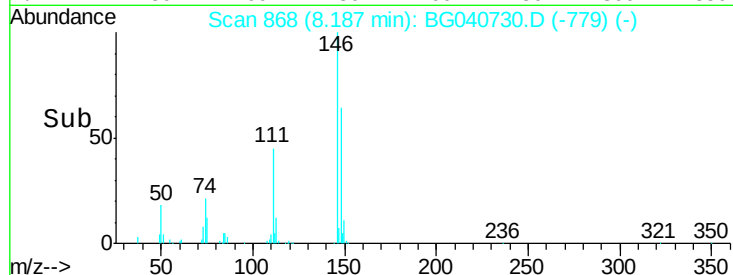
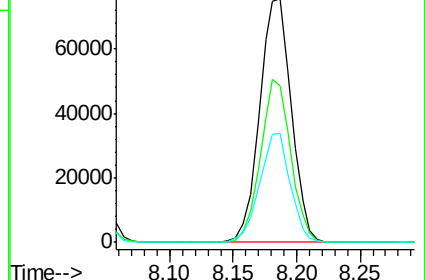
111 44.8 34.3 51.5



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: 44.348 ng

RT: 8.50 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

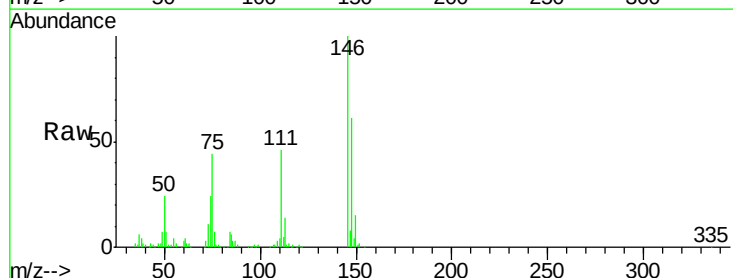
Tgt Ion:146 Resp: 126087

Ion Ratio Lower Upper

146 100

148 61.3 52.2 78.4

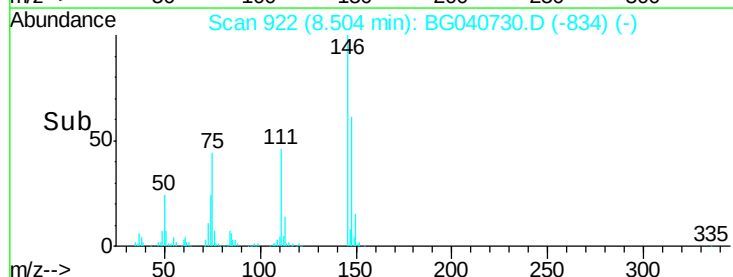
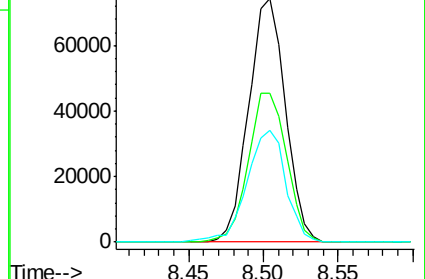
111 45.7 37.4 56.0

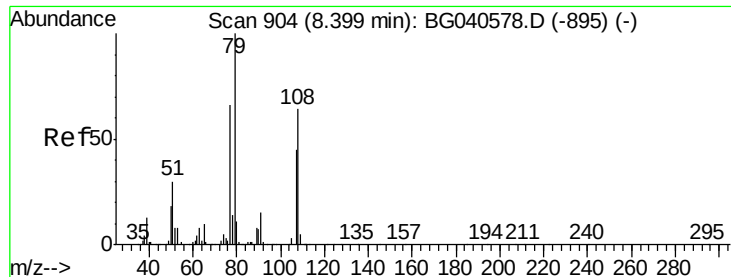


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.424 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

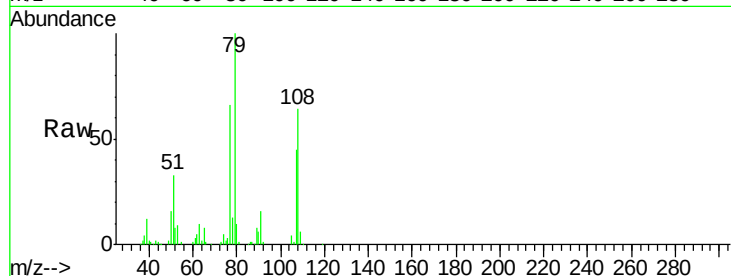
Tot Ion: 79 Resp: 190260

Ion Ratio Lower Upper

79 100

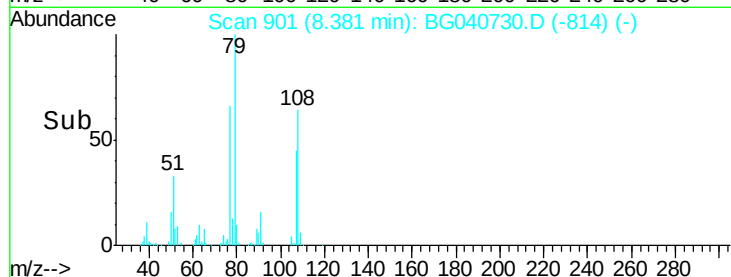
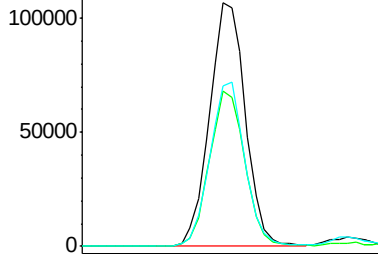
108 63.7 51.4 77.0

77 65.8 52.6 79.0

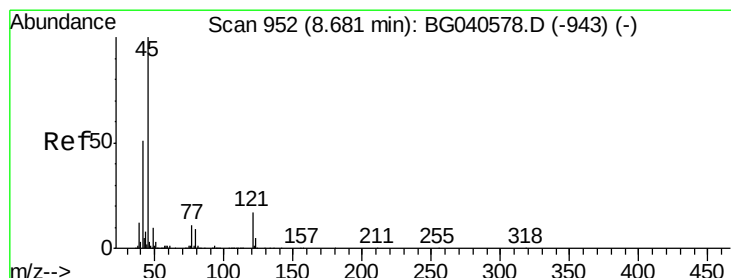


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

8.38



Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.226 ng

RT: 8.67 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

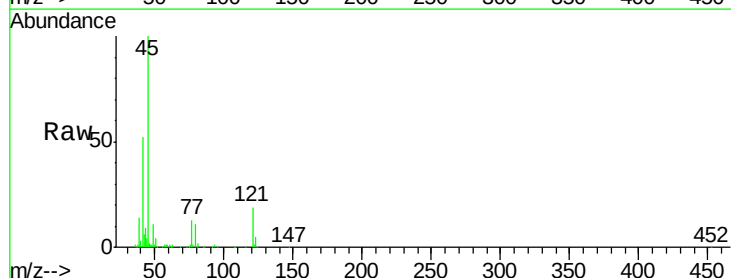
Tgt Ion: 45 Resp: 243861

Ion Ratio Lower Upper

45 100

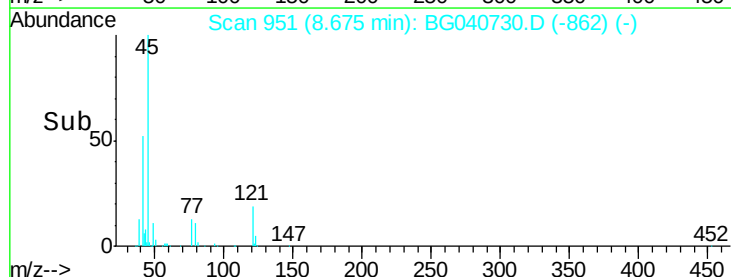
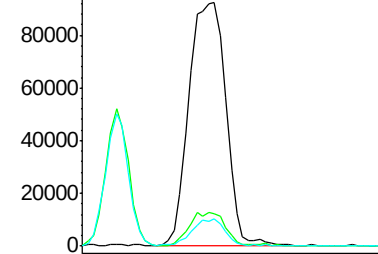
77 13.4 0.0 31.5

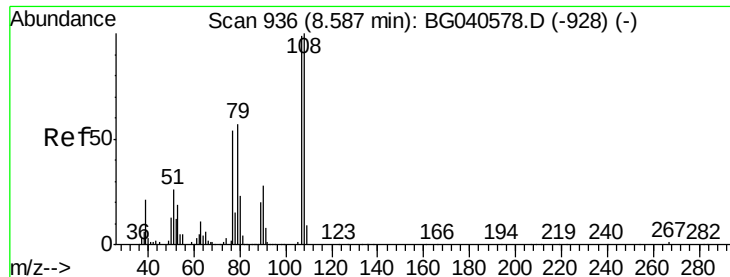
79 11.0 0.0 29.4



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

8.67





#17

2-Methylphenol

Concen: 55.391 ng

RT: 8.57 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

Tot Ion:107 Resp: 141574

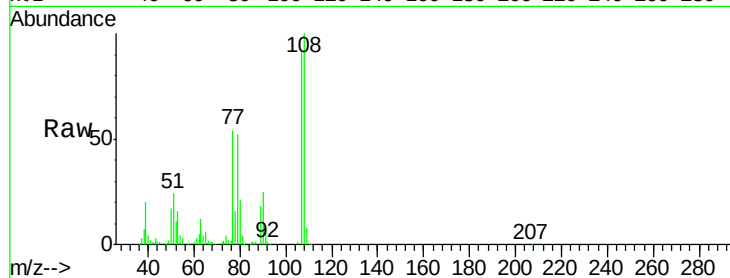
Ion Ratio Lower Upper

107 100

108 110.1 81.2 121.8

77 59.9 44.4 66.6

79 57.7 47.0 70.4

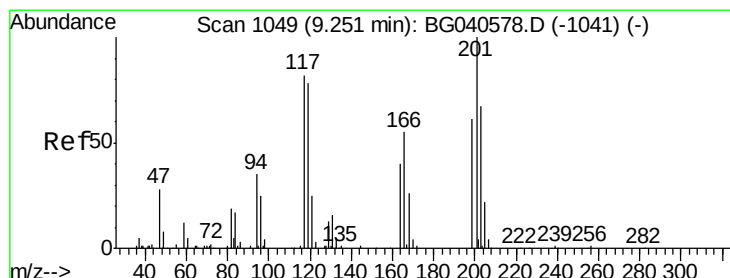
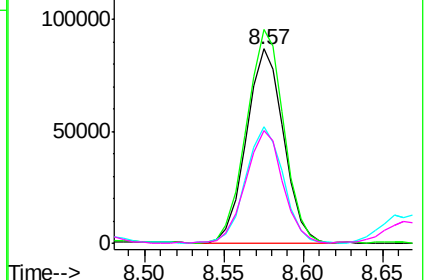
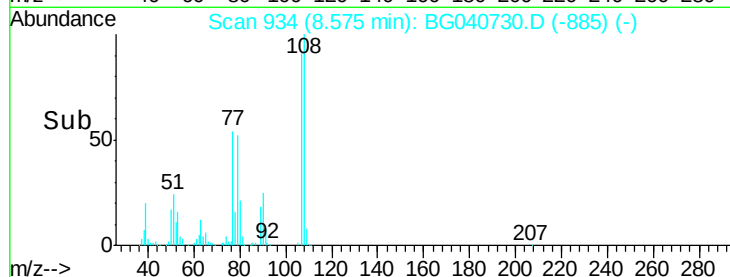


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.266 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

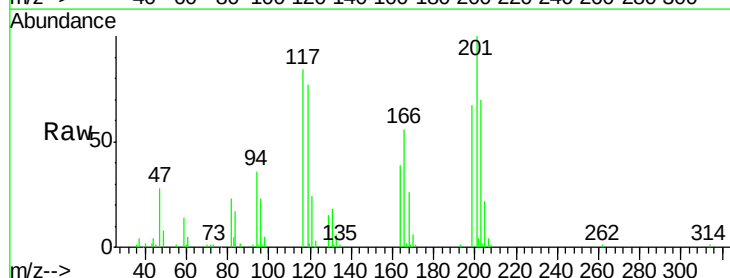
Tgt Ion:117 Resp: 47486

Ion Ratio Lower Upper

117 100

119 92.0 76.6 114.8

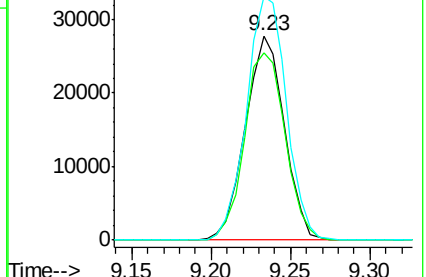
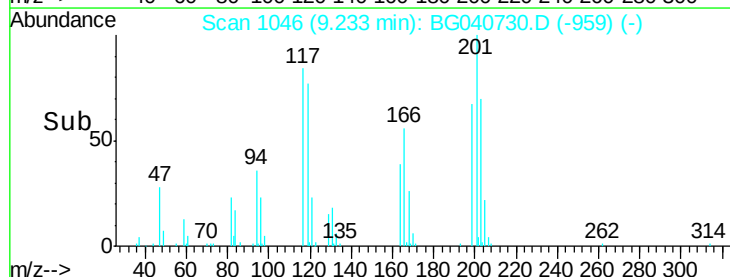
201 119.4 101.0 151.6

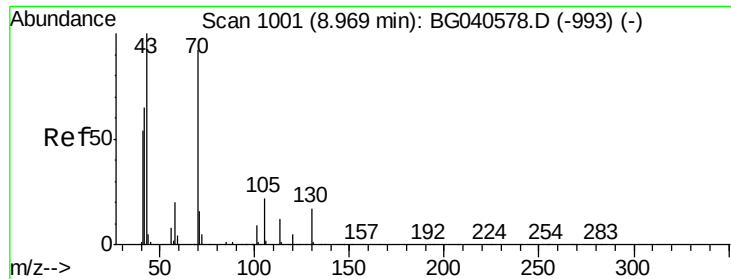


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

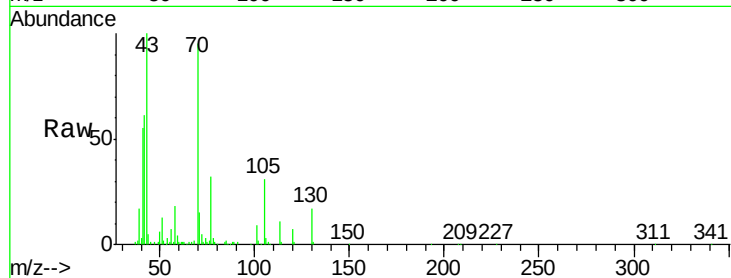




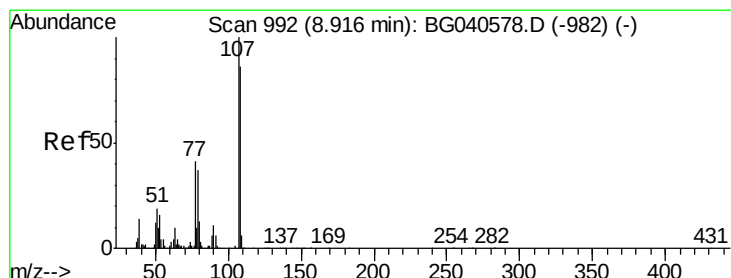
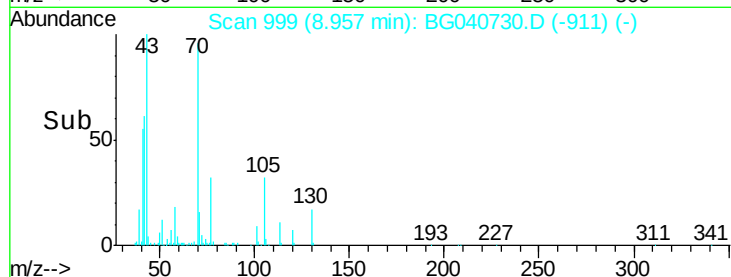
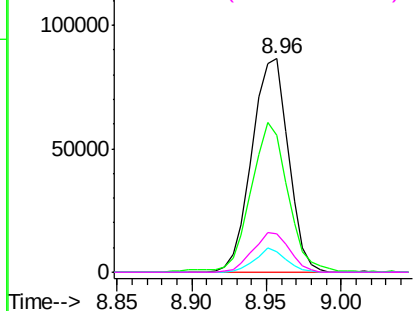
#19
n-Nitroso-di-n-propylamine
Concen: 48.234 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

Tot Ion: 70 Resp: 145878
Ion Ratio Lower Upper
70 100
42 64.0 57.1 85.7
101 9.4 7.8 11.8
130 17.9 14.6 21.8

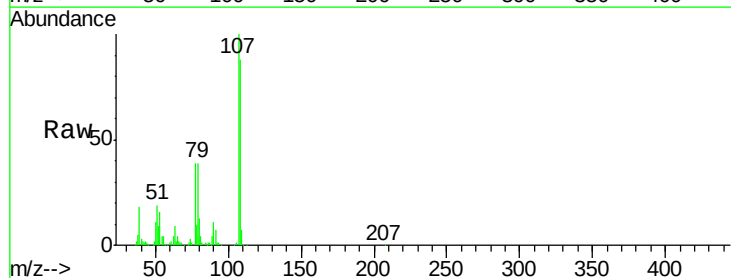


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

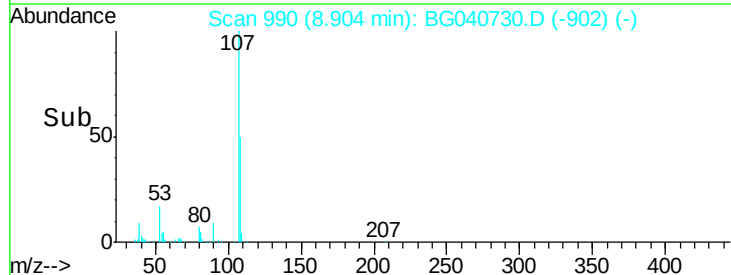
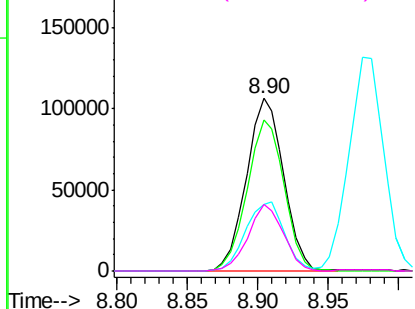


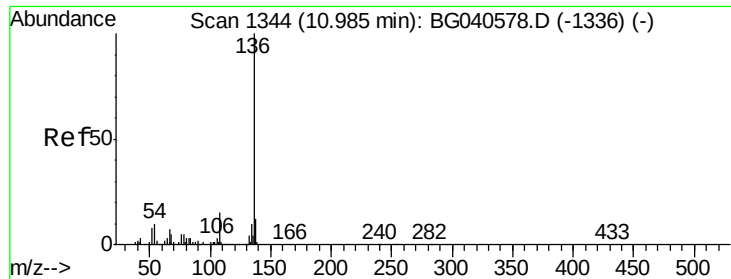
#20
3+4-Methylphenols
Concen: 55.261 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion: 107 Resp: 196760
Ion Ratio Lower Upper
107 100
108 87.9 66.1 106.1
77 38.9 21.6 61.6
79 38.9 17.4 57.4



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

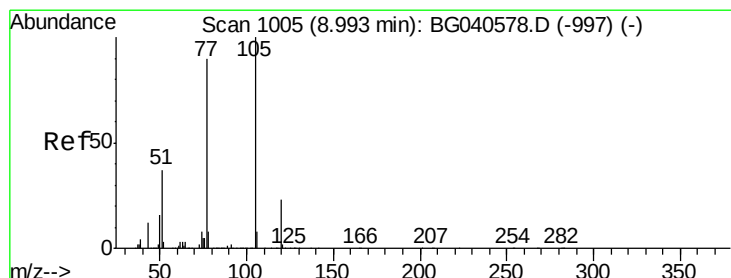
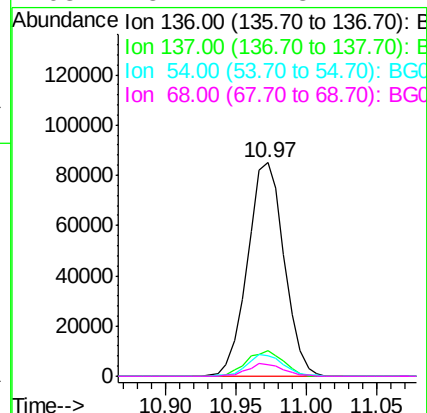
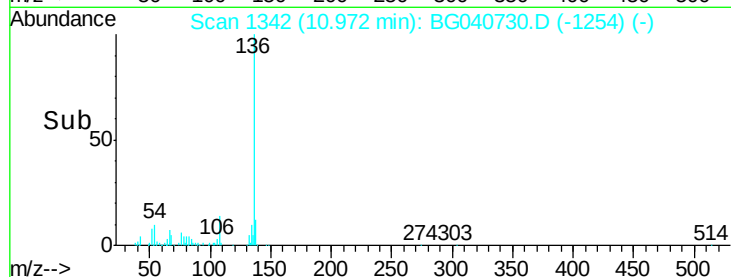
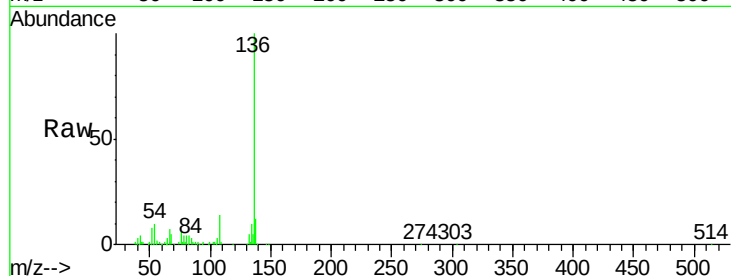




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

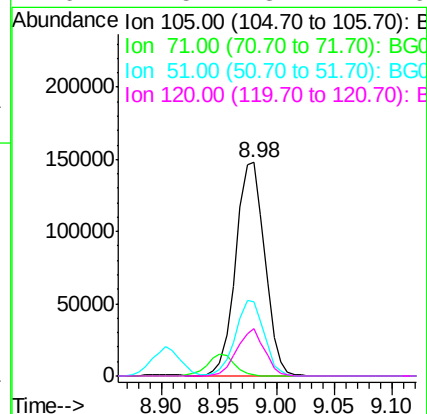
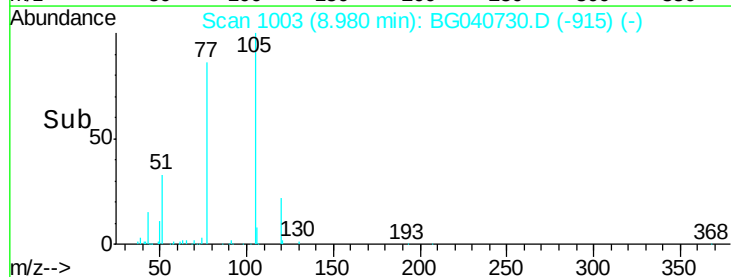
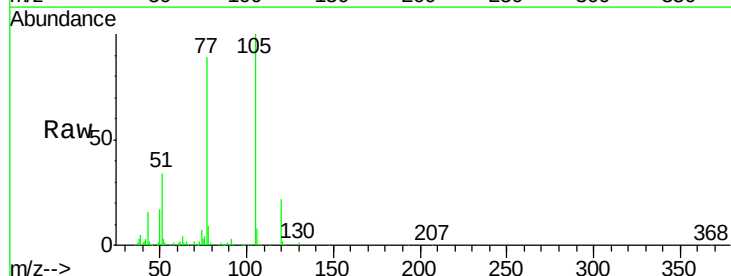
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

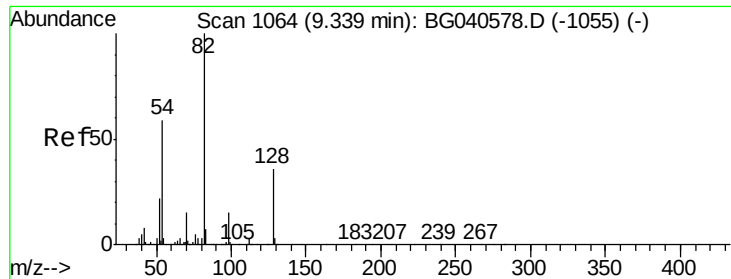
Tot Ion:136	Resp:	154088
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.7 14.5
54	9.6	8.6 12.8
68	5.2	4.8 7.2



#22
Acetophenone
Concen: 60.123 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion:105	Resp:	257615
Ion	Ratio	Lower Upper
105	100	
71	0.4	1.8 2.8#
51	34.5	29.8 44.8
120	22.5	18.4 27.6

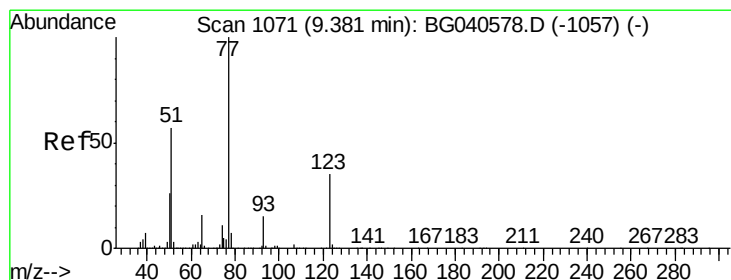
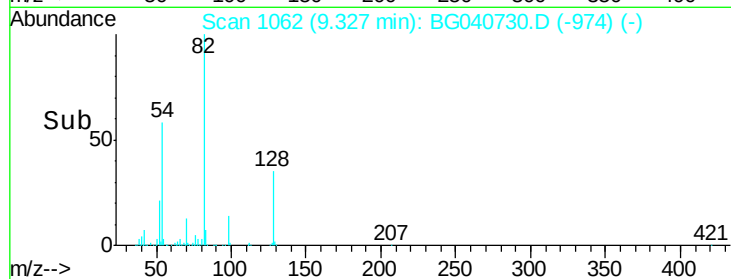
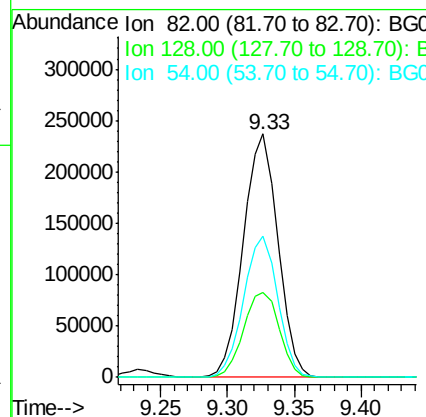
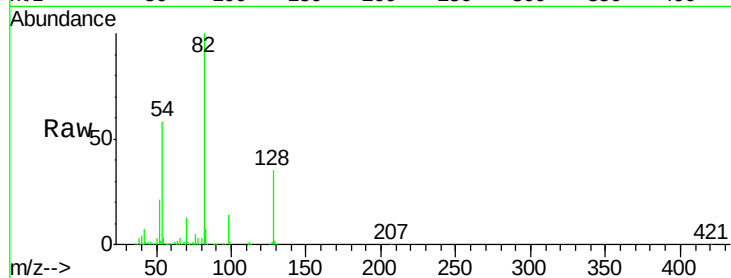




#23
 Nitrobenzene-d5
 Concen: 127.181 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

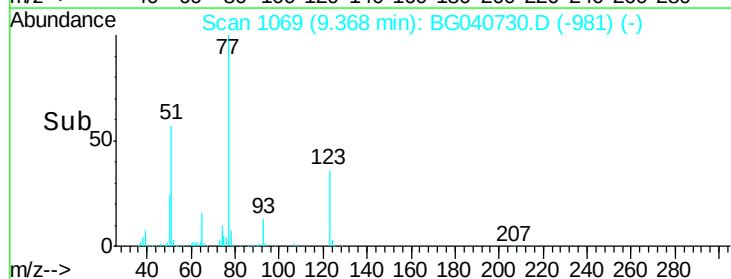
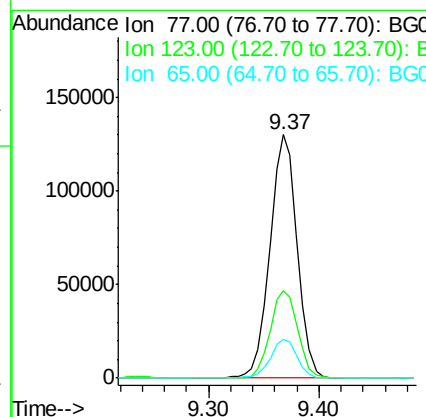
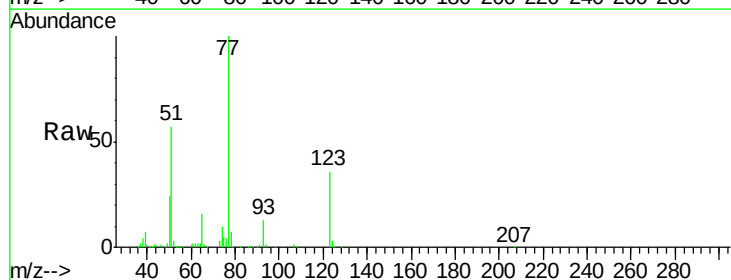
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMS

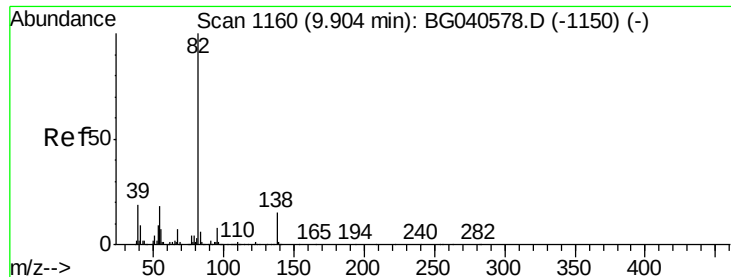
Tot Ion	82	Resp	424121
Ion Ratio	Lower	Upper	
82	100		
128	34.8	28.9	43.3
54	57.9	47.2	70.8



#24
 Nitrobenzene
 Concen: 63.026 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

Tgt Ion	77	Resp	224248
Ion Ratio	Lower	Upper	
77	100		
123	35.7	27.8	41.6
65	16.0	12.4	18.6





#25

Isophorone

Concen: 55.120 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

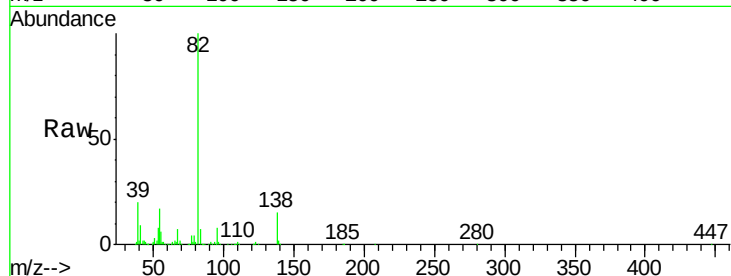
Tot Ion: 82 Resp: 409443

Ion Ratio Lower Upper

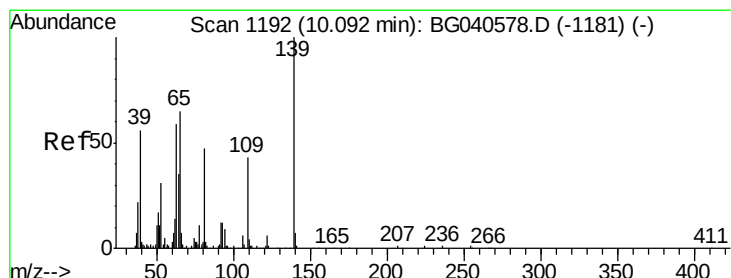
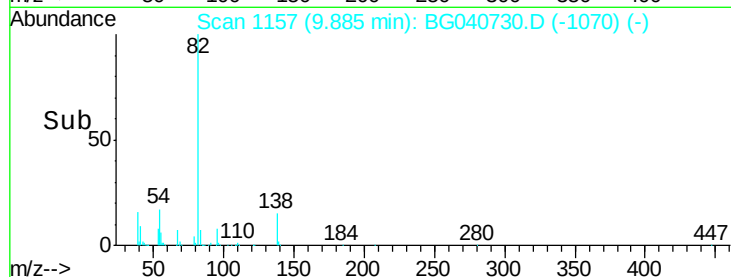
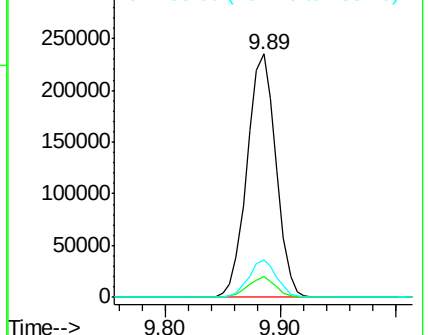
82 100

95 8.4 6.9 10.3

138 15.5 12.3 18.5



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



#26

2-Nitrophenol

Concen: 68.578 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

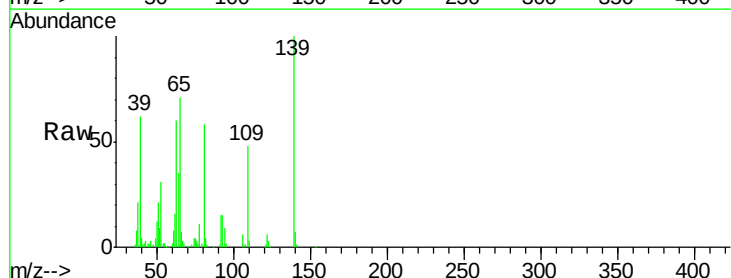
Tgt Ion: 139 Resp: 87464

Ion Ratio Lower Upper

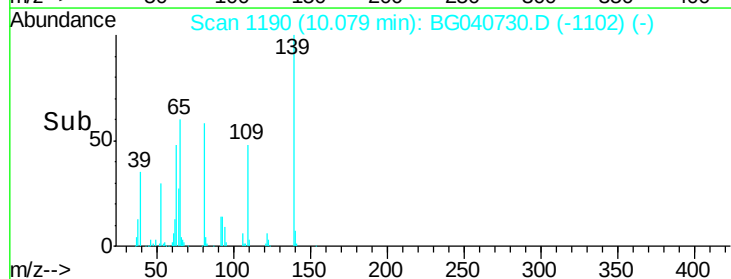
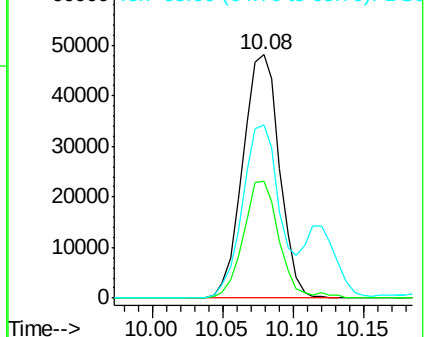
139 100

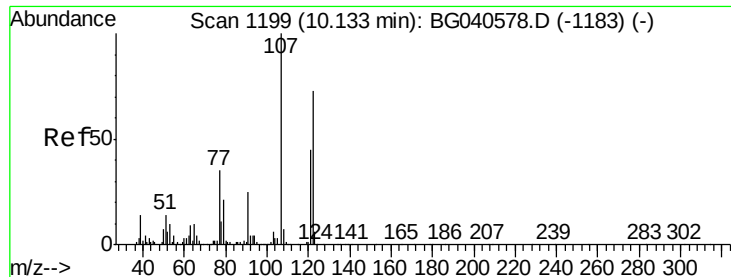
109 48.0 35.6 53.4

65 71.4 52.3 78.5



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

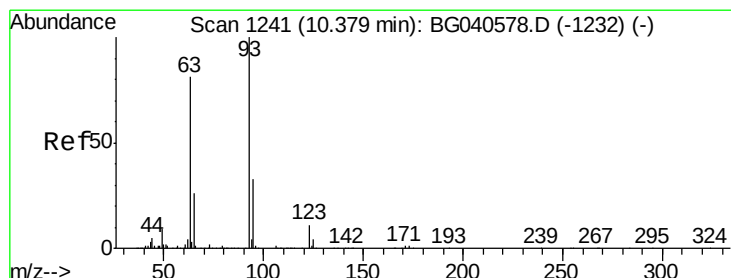
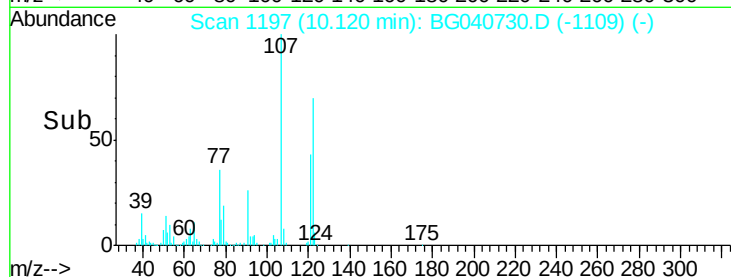
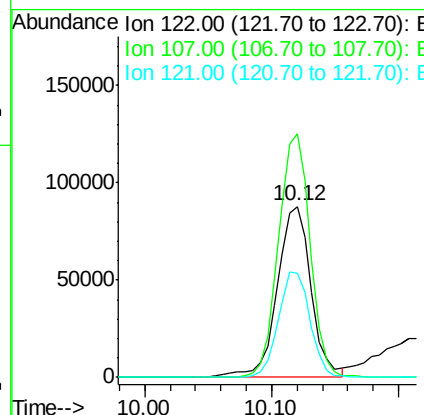
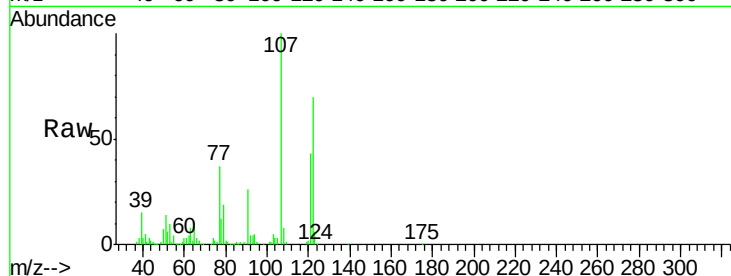




#27
2,4-Dimethylphenol
Concen: 68.210 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

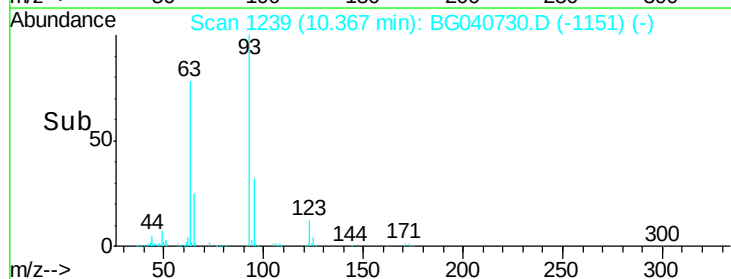
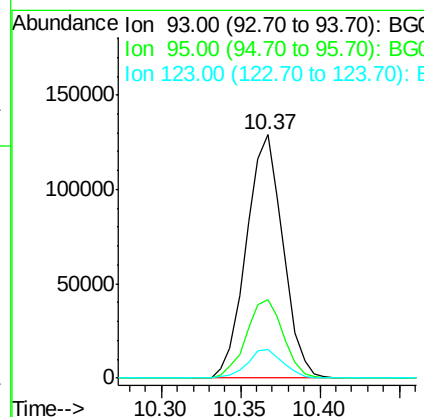
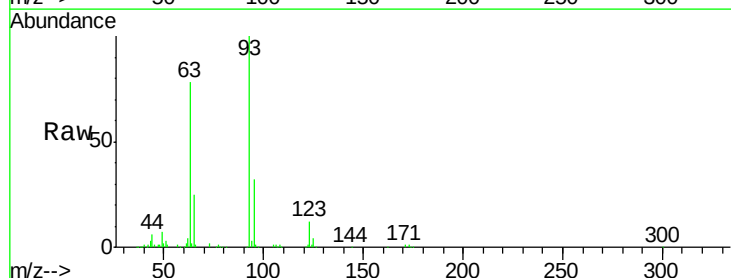
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

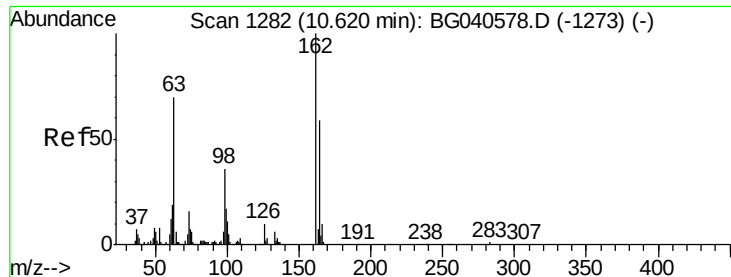
Tot Ion	Ratio	Lower	Upper
122	100		
107	142.3	110.1	165.1
121	61.1	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 55.543 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.6	40.0
123	11.9	9.0	13.4

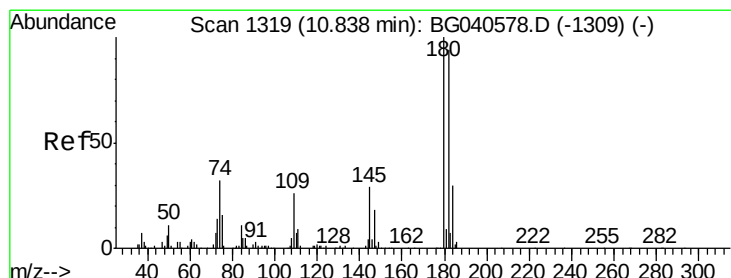
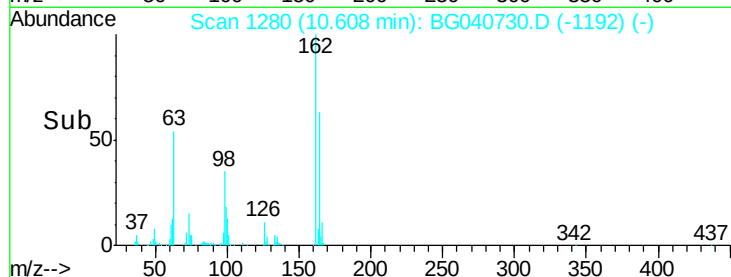
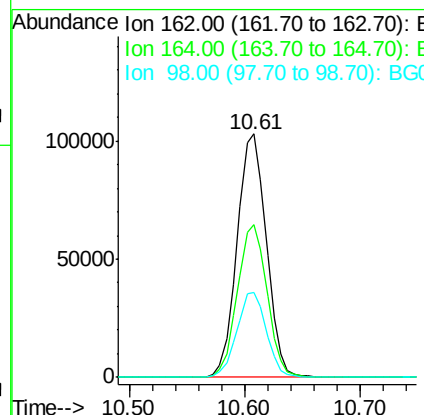
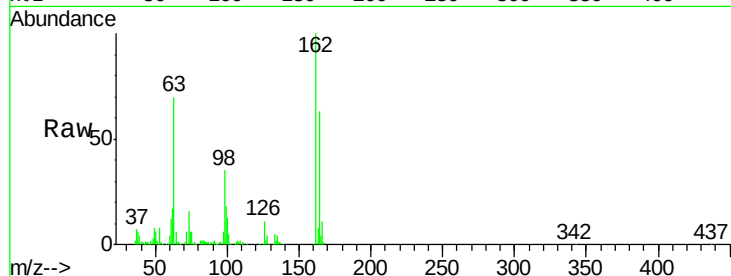




#29
 2,4-Dichlorophenol
 Concen: 66.544 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

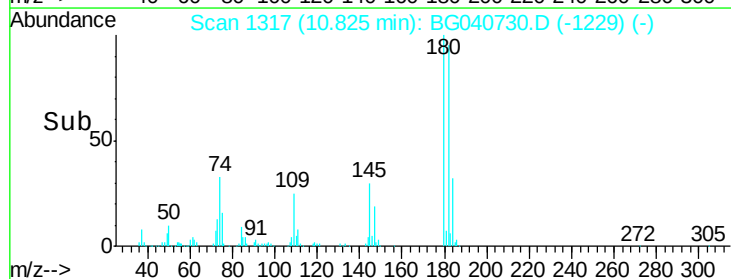
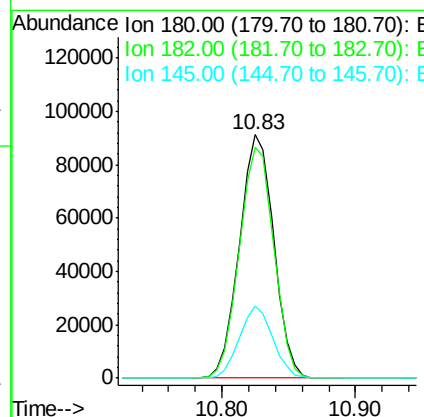
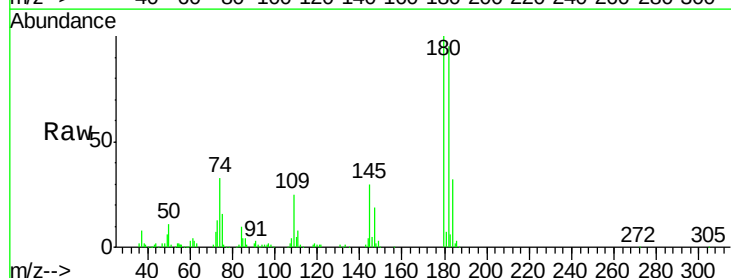
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMS

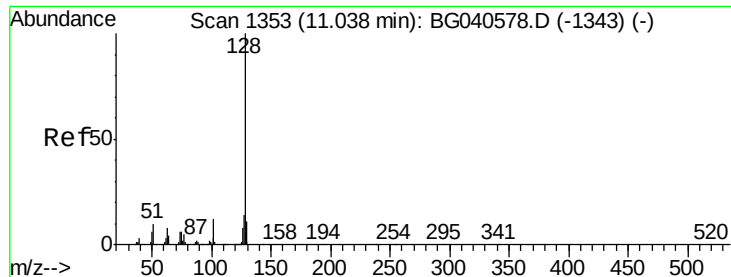
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	38.9	78.9
98	34.9	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 53.804 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.2	112.8
145	29.6	23.6	35.4

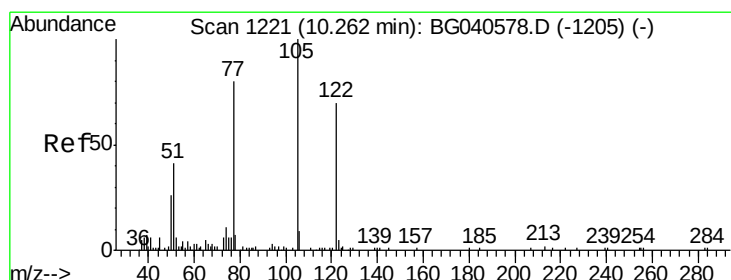
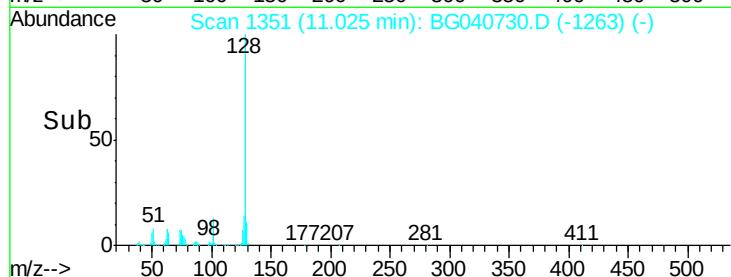
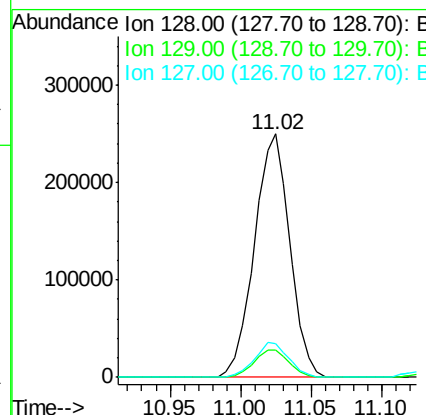
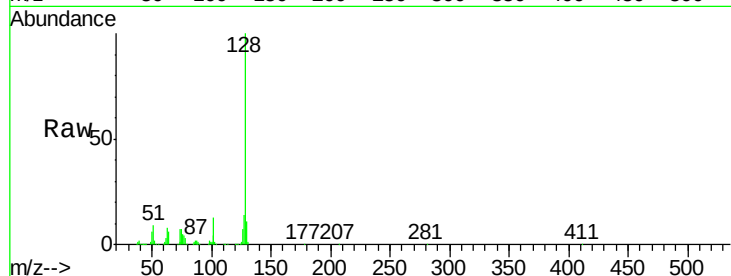




#31
Naphthalene
Concen: 53.763 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

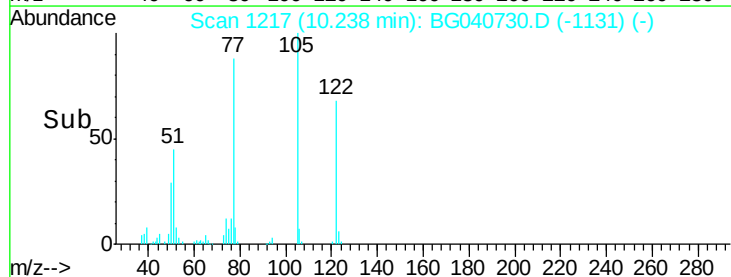
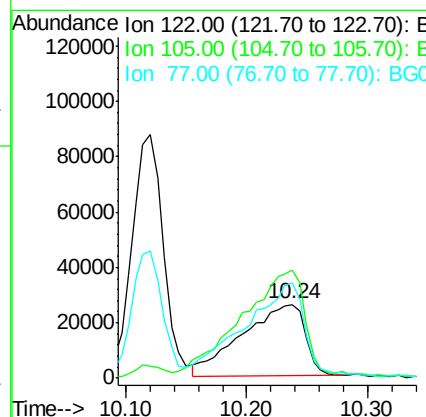
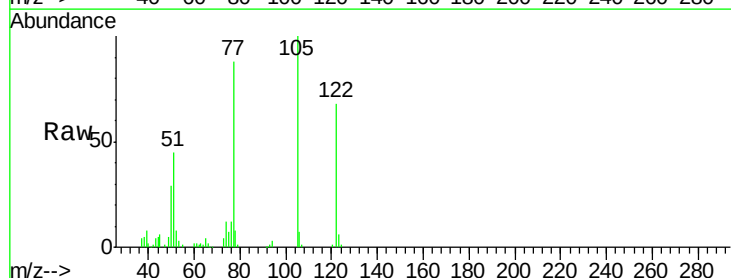
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

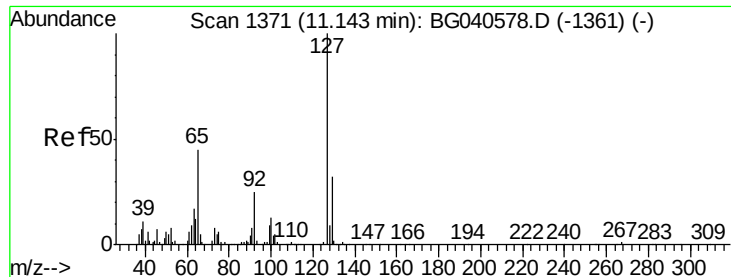
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.9	11.3	16.9



#32
Benzoic acid
Concen: 57.058 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	147.4	110.9	150.9
77	129.7	87.6	127.6

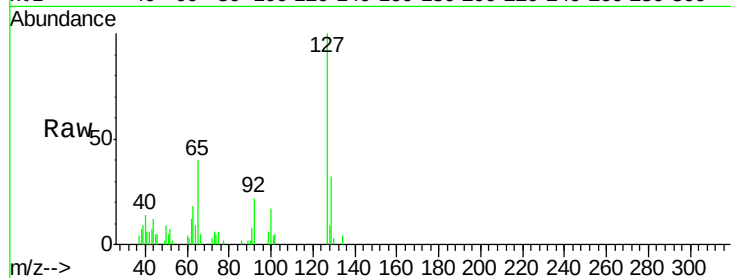




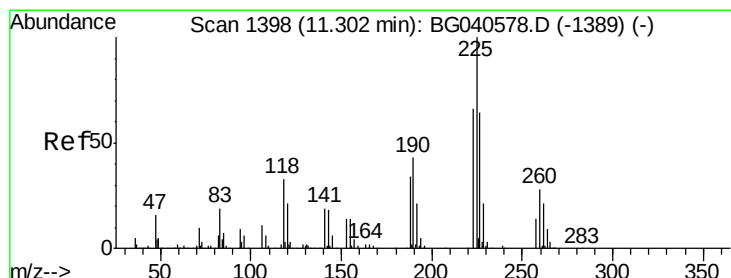
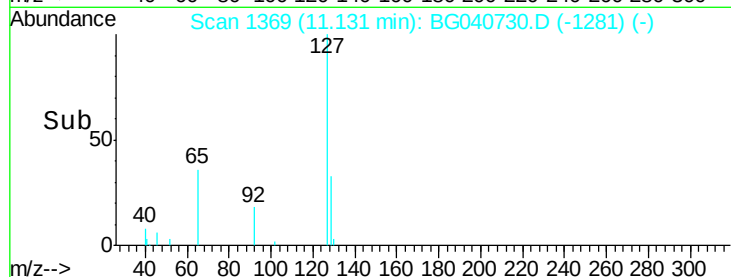
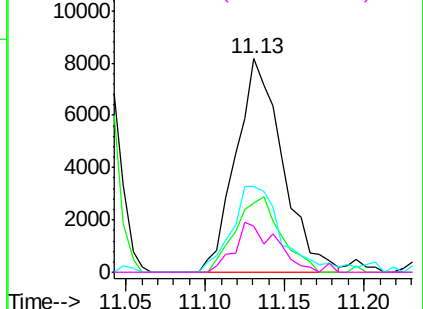
#33
4-Chloroaniline
Concen: 4.589 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

Tot Ion:	127	Resp:	16657
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	40.1	36.1	54.1
92	21.6	20.1	30.1

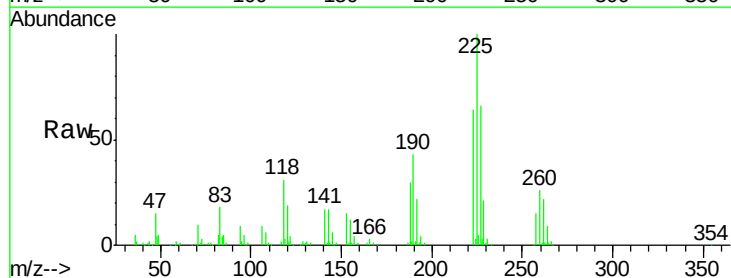


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

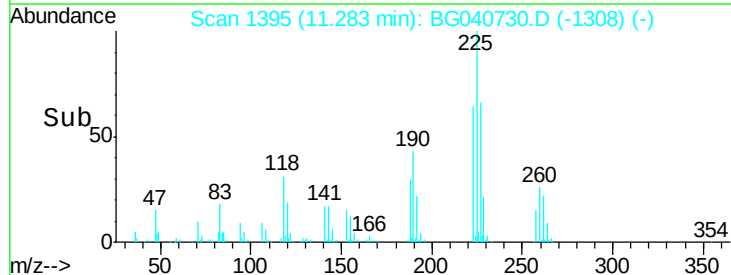
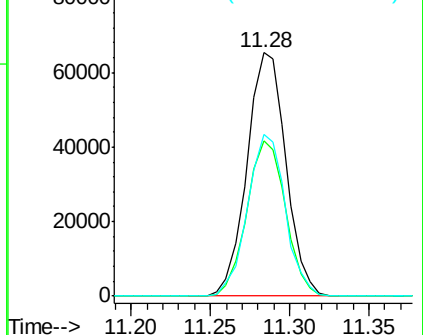


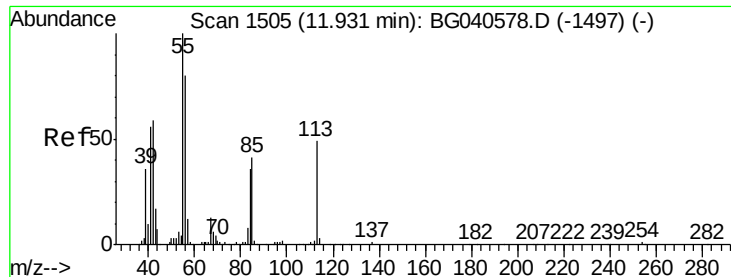
#34
Hexachlorobutadiene
Concen: 50.068 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion:	225	Resp:	111516
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	66.5	51.0	76.6



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





#35

Caprolactam

Concen: 34.783 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

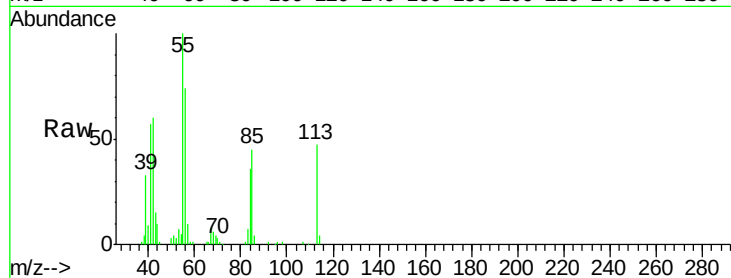
BNA_G

ClientSampleId :

AU-05-050219-AMS

Tot Ion:113 Resp: 37360

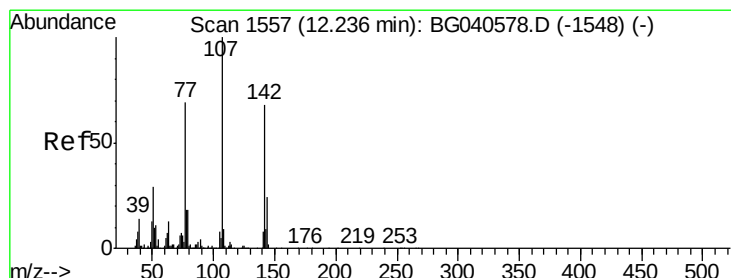
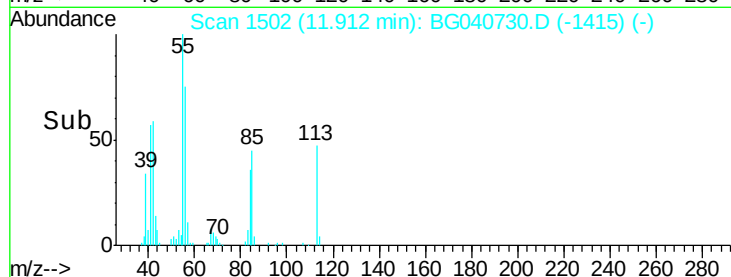
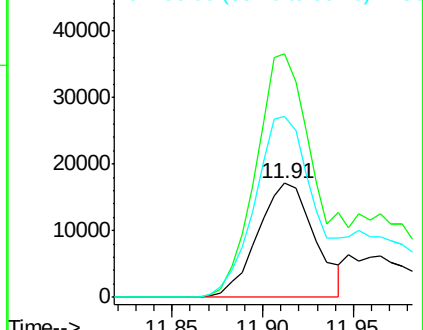
Ion	Ratio	Lower	Upper
113	100		
55	213.5	198.6	238.6
56	158.2	148.4	188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 63.924 ng

RT: 12.23 min Scan# 1556

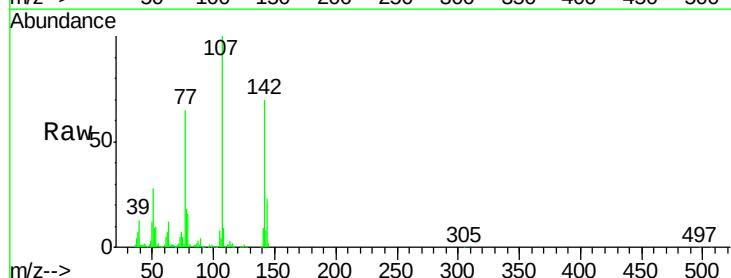
Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Tgt Ion:107 Resp: 219386

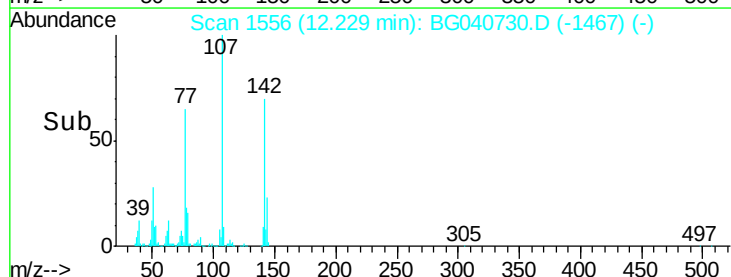
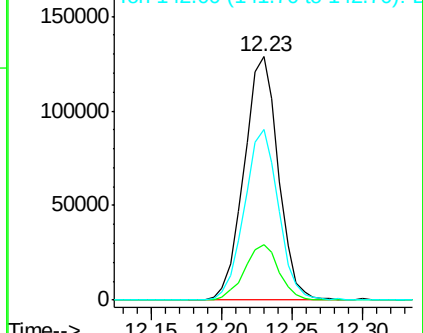
Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.3	28.9
142	69.9	54.6	81.8

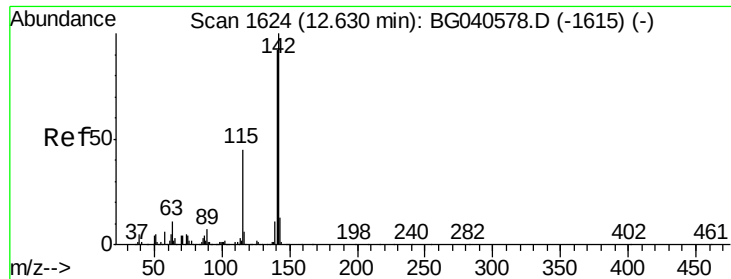


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

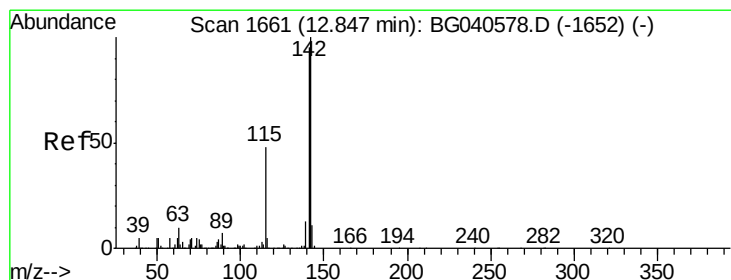
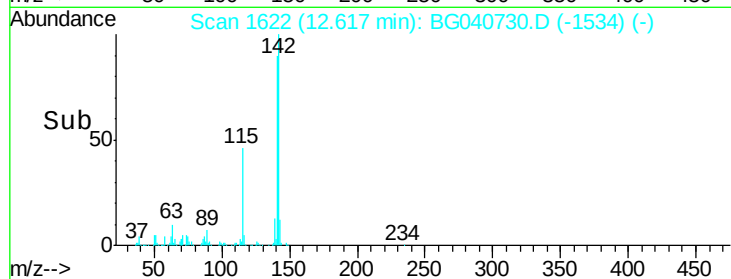
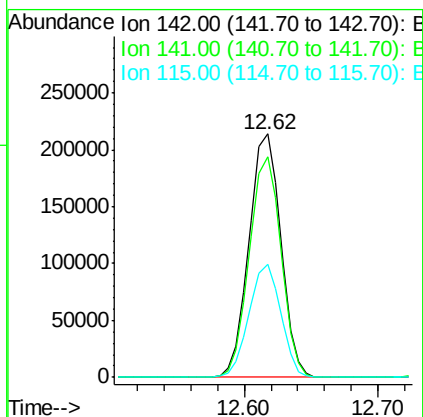
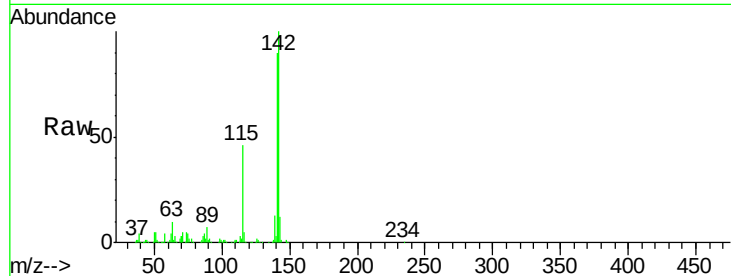




#37
 2-Methylnaphthalene
 Concen: 57.434 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

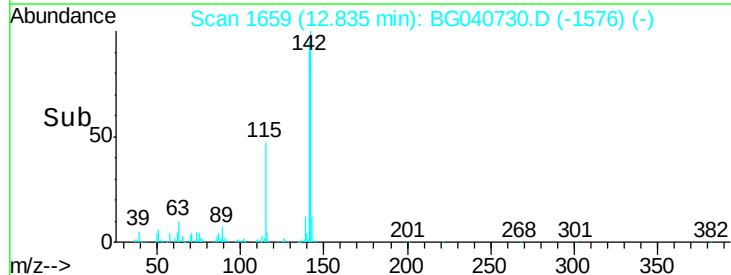
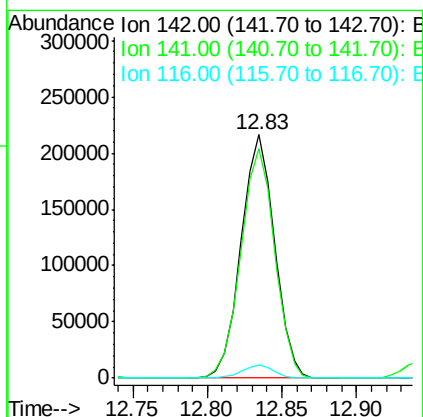
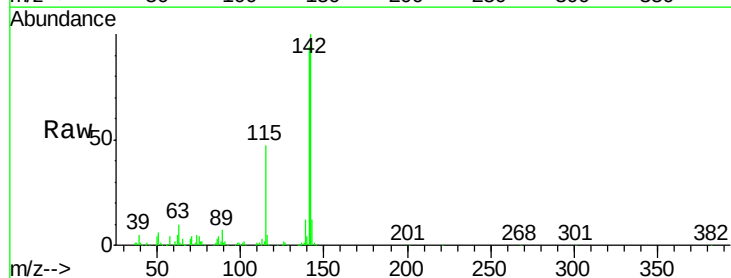
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMS

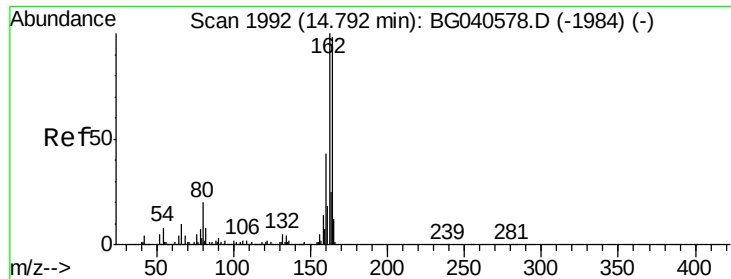
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.4	110.2
115	46.4	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 56.278 ng
 RT: 12.83 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.9	113.9
116	5.3	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

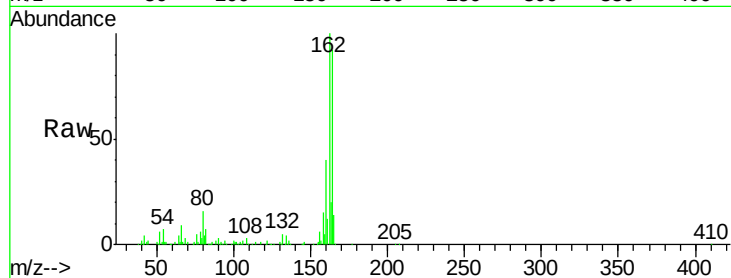
Tot Ion:164 Resp: 119398

Ion Ratio Lower Upper

164 100

162 109.3 81.9 122.9

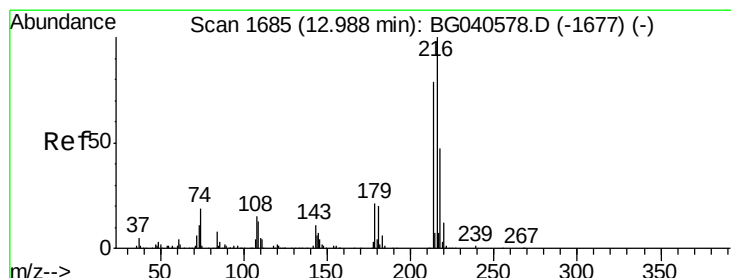
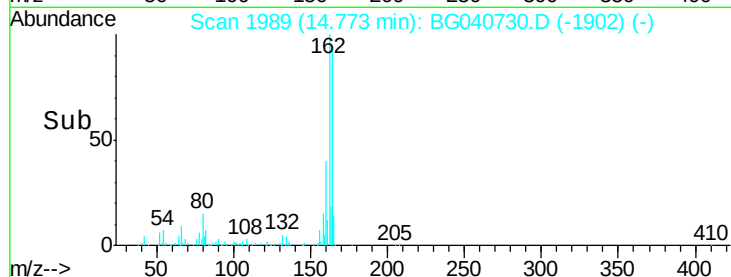
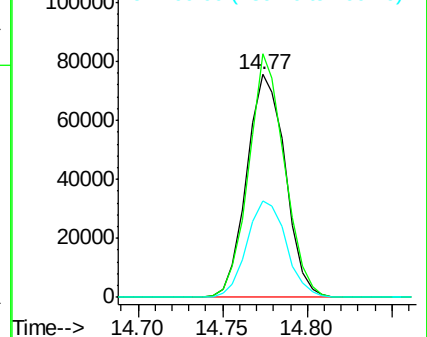
160 43.4 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.203 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Tgt Ion:216 Resp: 245535

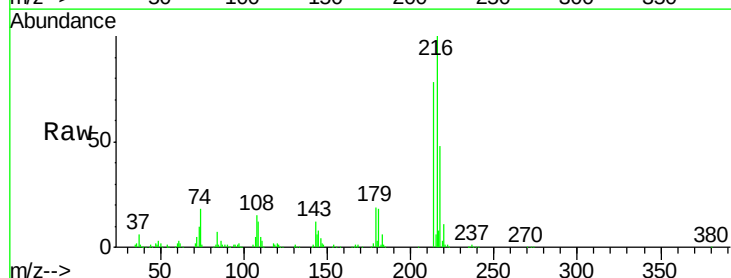
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 19.7 16.6 24.8

108 17.9 14.7 22.1

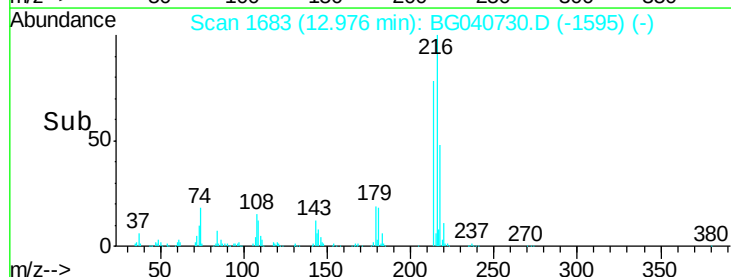
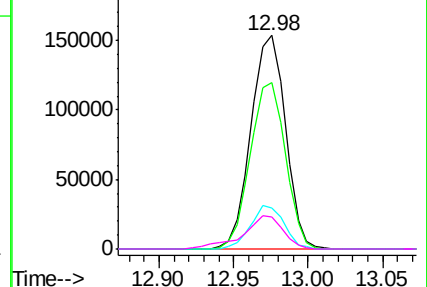


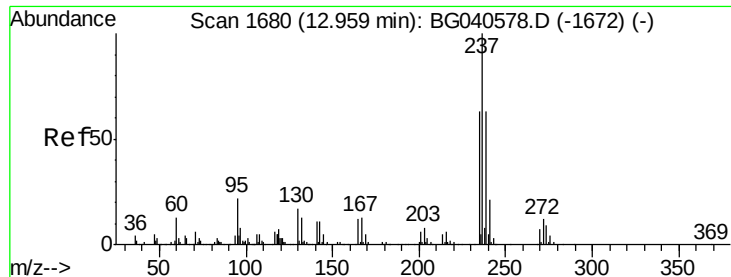
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

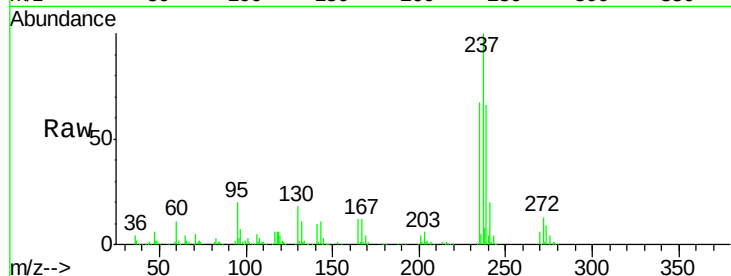




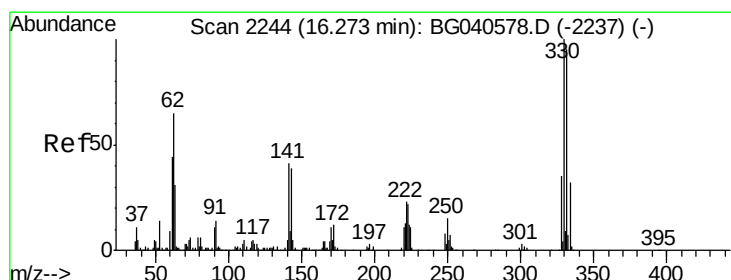
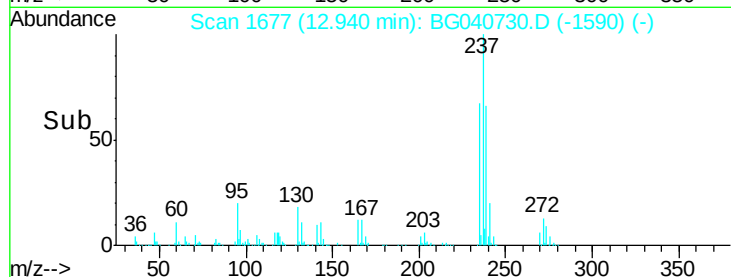
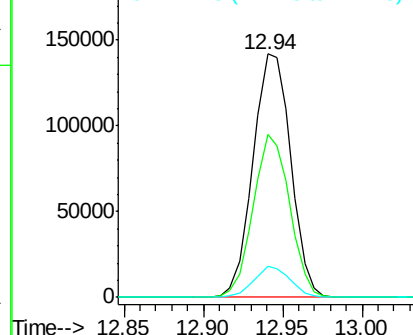
#41
Hexachlorocyclopentadiene
Concen: 89.799 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

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

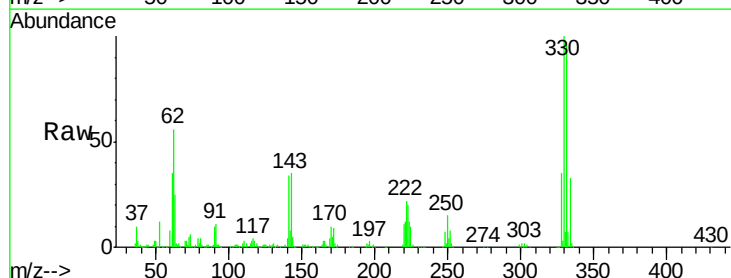


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

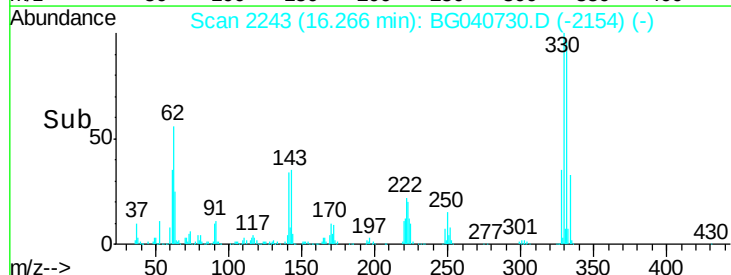
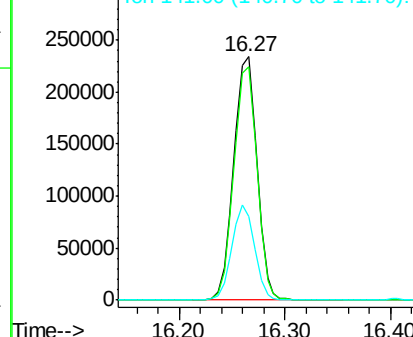


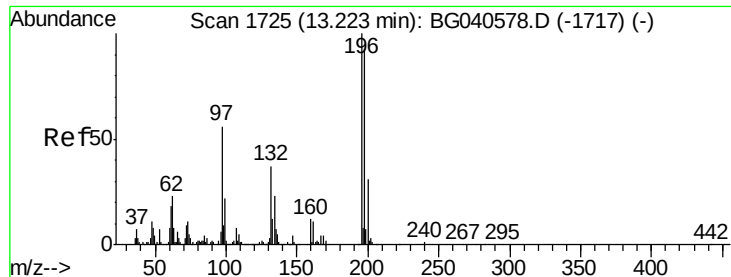
#42
2,4,6-Tribromophenol
Concen: 216.469 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	38.0	32.4	48.6



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

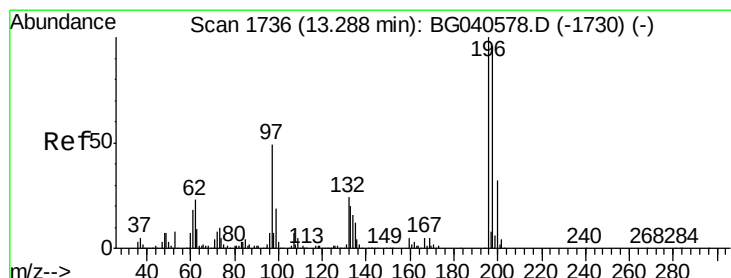
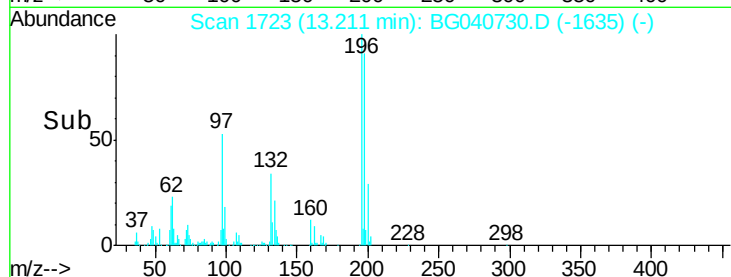
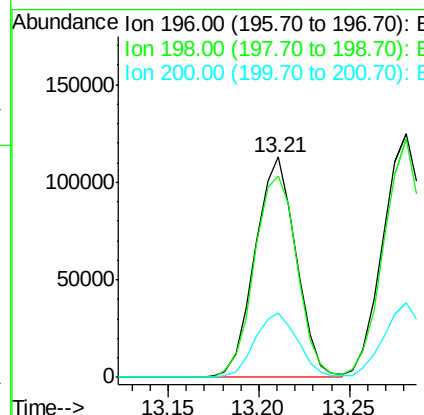
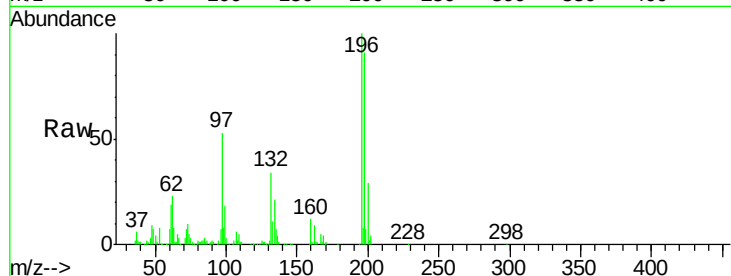




#43
 2,4,6-Trichlorophenol
 Concen: 66.071 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

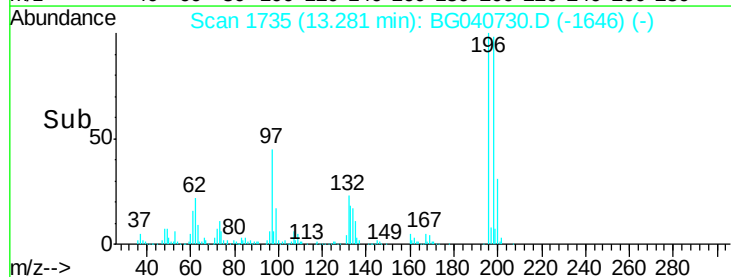
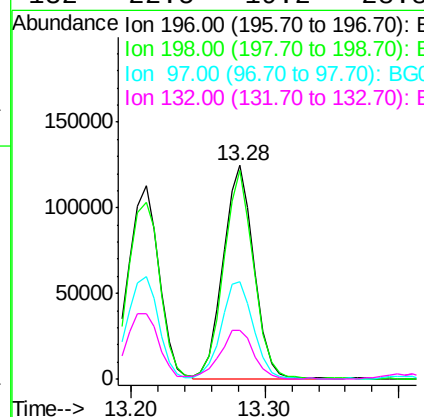
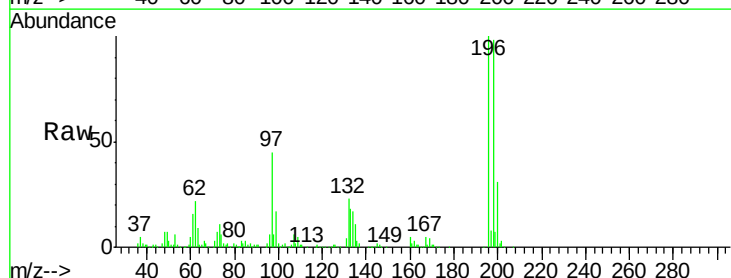
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMS

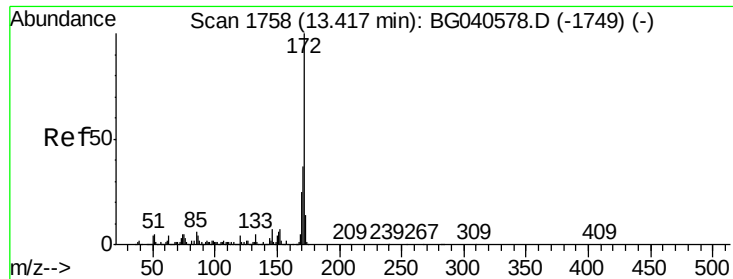
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.4	74.8	112.2
200	29.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 68.878 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	77.0	115.6
97	45.3	40.0	60.0
132	22.5	19.2	28.8

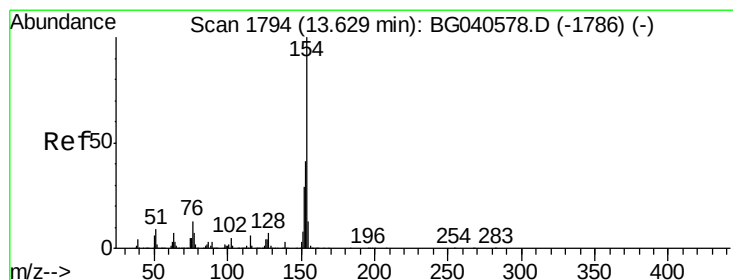
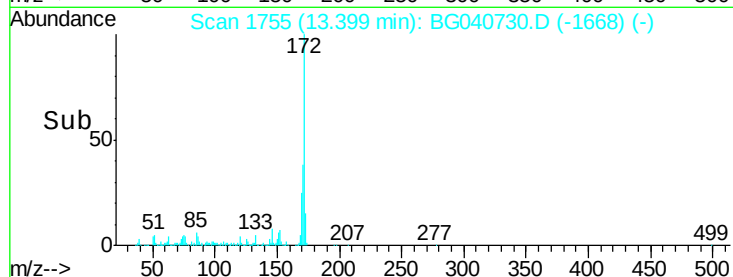
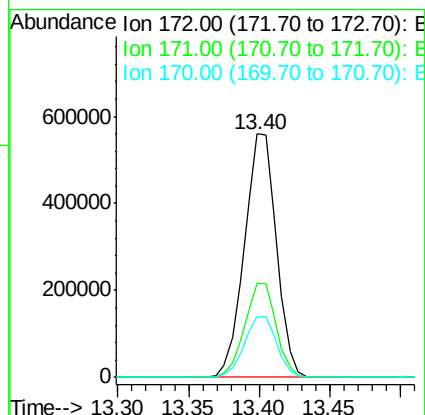
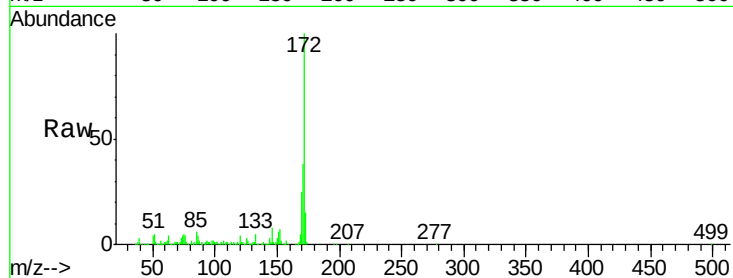




#45
2-Fluorobiphenyl
Concen: 107.344 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

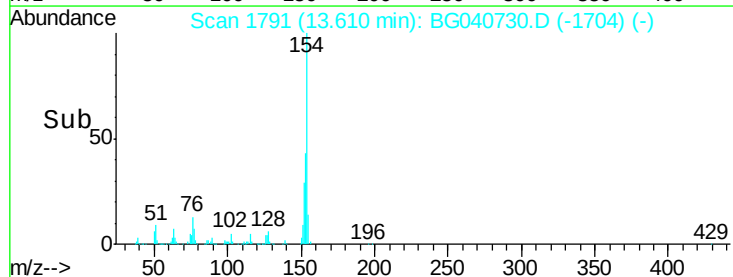
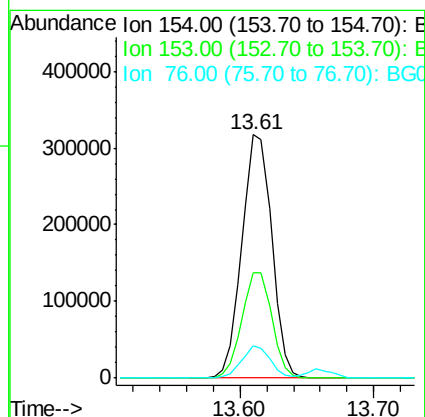
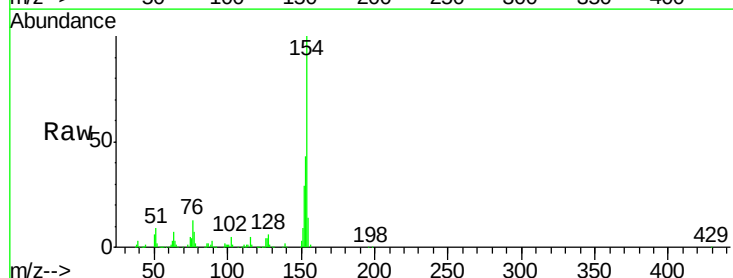
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

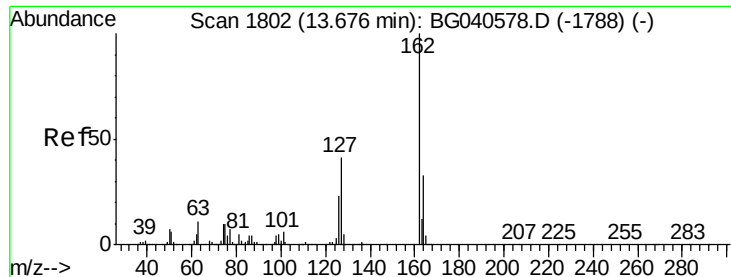
Tot Ion:172 Resp: 887456
Ion Ratio Lower Upper
172 100
171 38.4 29.4 44.2
170 25.1 19.9 29.9



#46
1,1'-Biphenyl
Concen: 52.880 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion:154 Resp: 490208
Ion Ratio Lower Upper
154 100
153 43.4 20.5 60.5
76 13.2 0.0 32.5

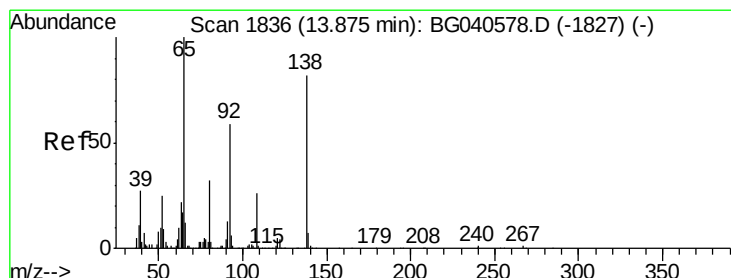
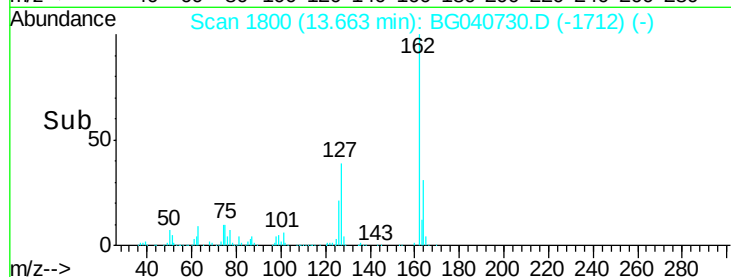
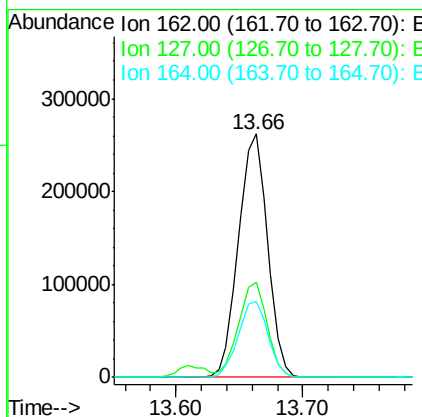
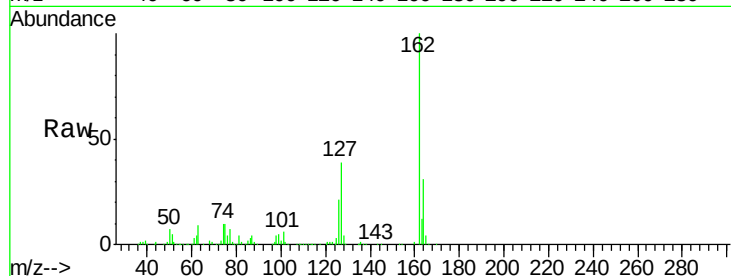




#47
 2-Chloronaphthalene
 Concen: 57.404 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

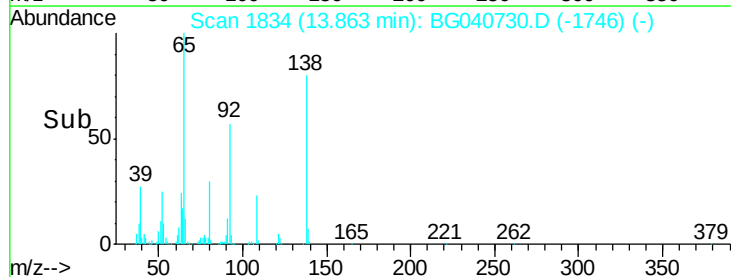
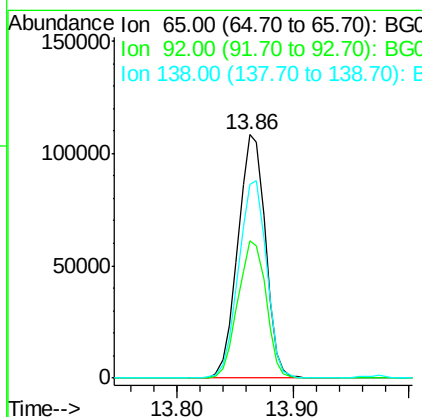
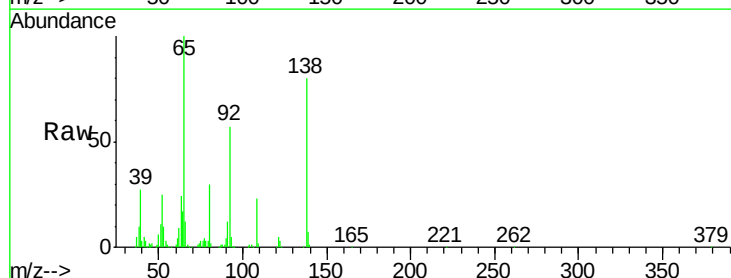
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMS

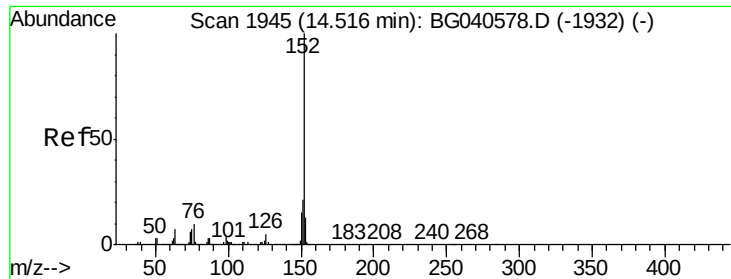
Tot Ion:162 Resp: 416454
 Ion Ratio Lower Upper
 162 100
 127 38.8 33.0 49.4
 164 31.4 26.8 40.2



#48
 2-Nitroaniline
 Concen: 69.441 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

Tgt Ion: 65 Resp: 179325
 Ion Ratio Lower Upper
 65 100
 92 56.6 47.4 71.0
 138 79.7 66.1 99.1





#49

Acenaphthylene

Concen: 54.280 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

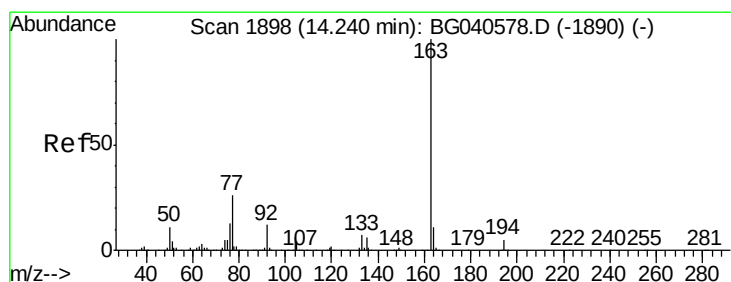
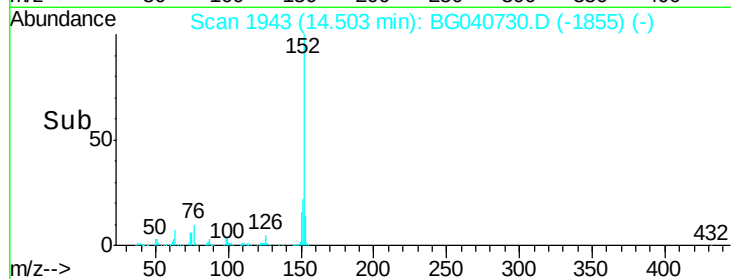
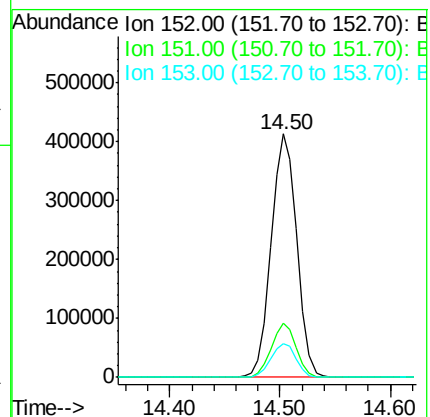
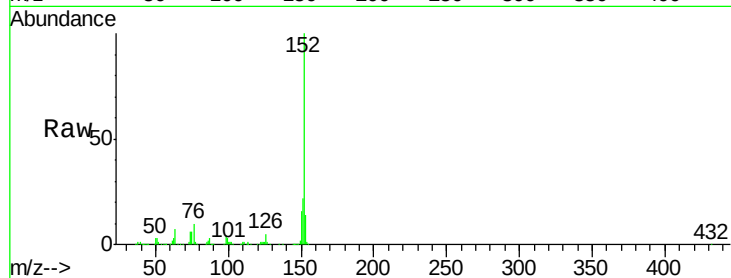
Tot Ion:152 Resp: 668103

Ion Ratio Lower Upper

152 100

151 22.2 17.2 25.8

153 13.8 10.7 16.1



#50

Dimethylphthalate

Concen: 60.470 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

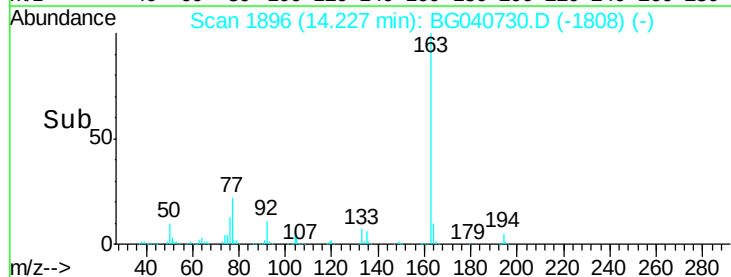
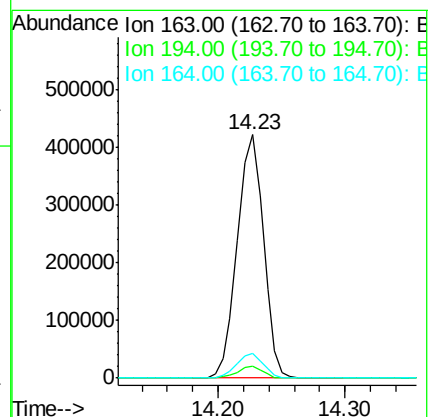
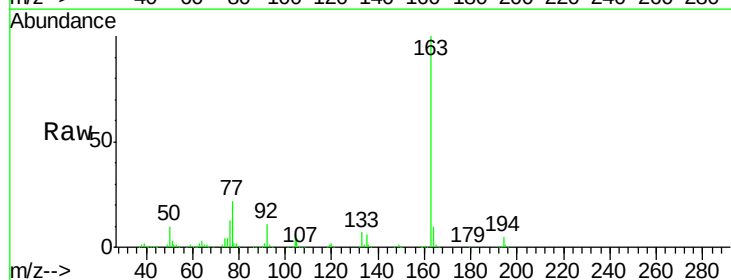
Tgt Ion:163 Resp: 604081

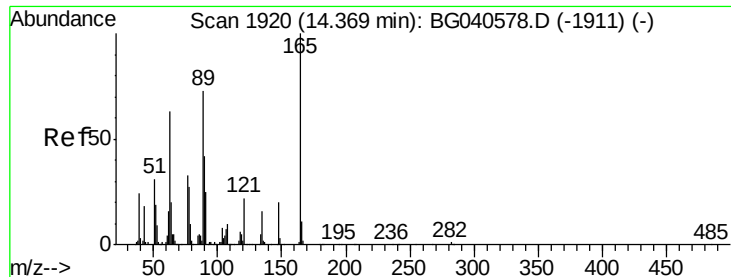
Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

164 10.1 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 69.869 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

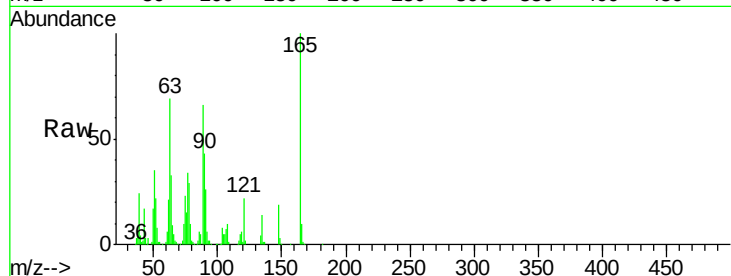
Tot Ion:165 Resp: 136224

Ion Ratio Lower Upper

165 100

63 69.0 61.0 91.4

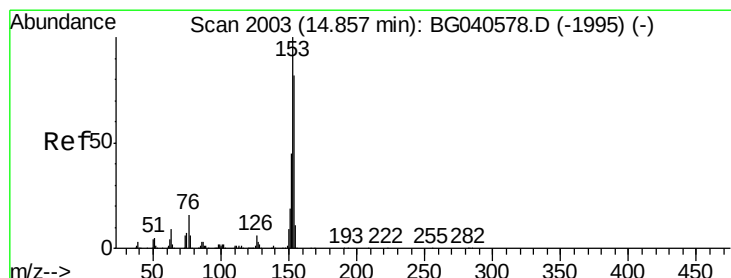
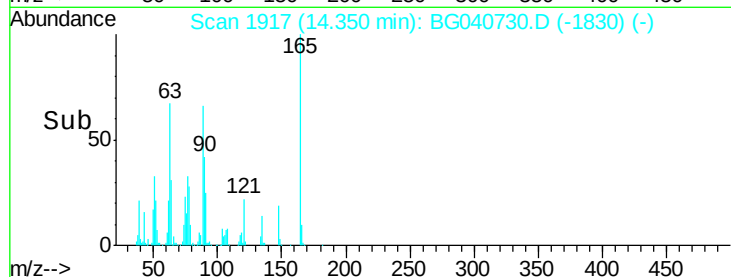
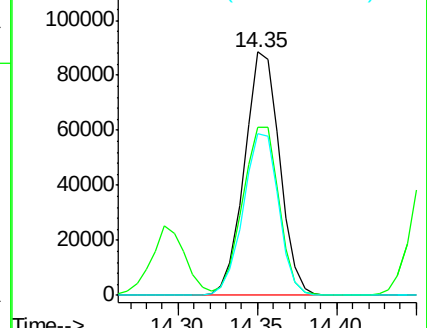
89 66.2 58.6 87.8



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



#52

Acenaphthene

Concen: 55.492 ng

RT: 14.84 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

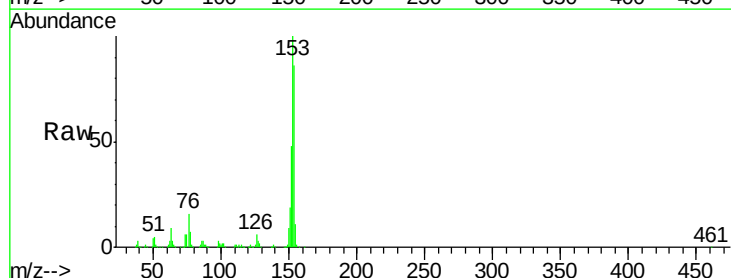
Tgt Ion:154 Resp: 397767

Ion Ratio Lower Upper

154 100

153 116.4 97.0 145.6

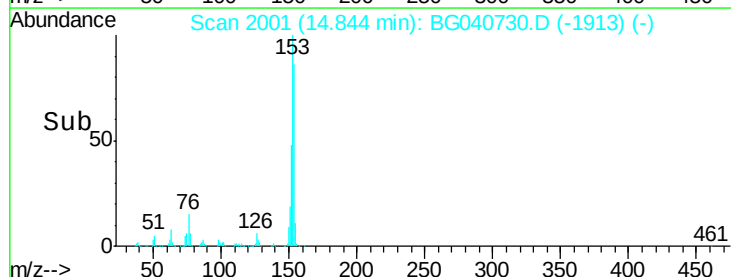
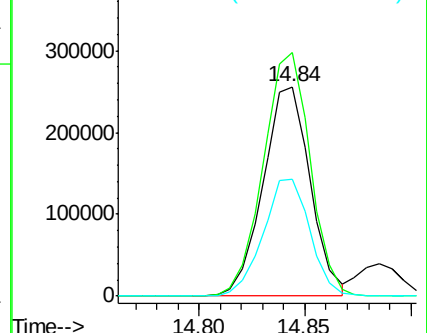
152 56.1 44.1 66.1

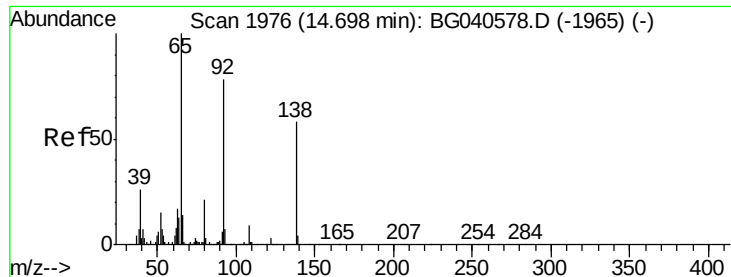


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.730 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

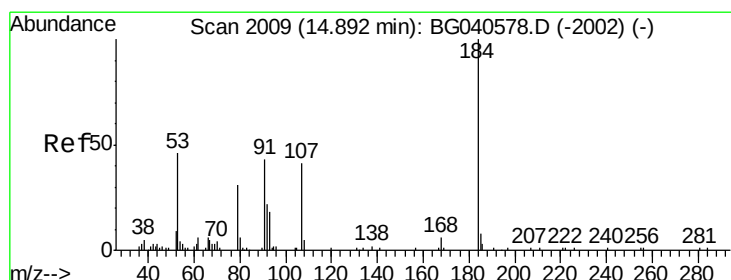
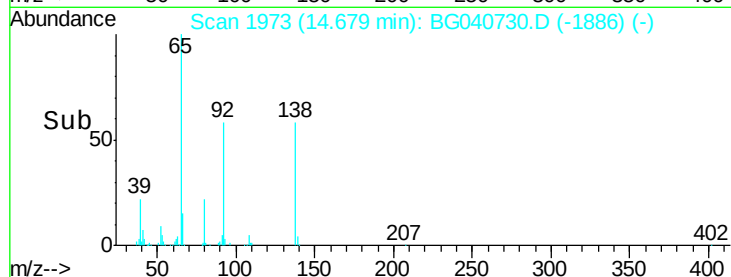
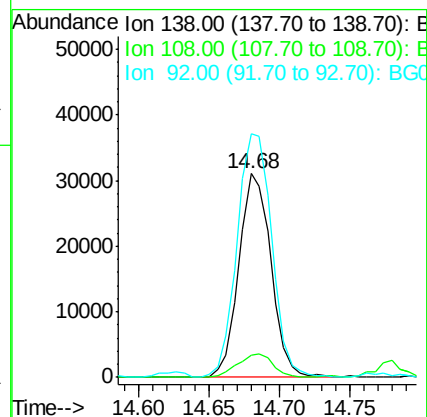
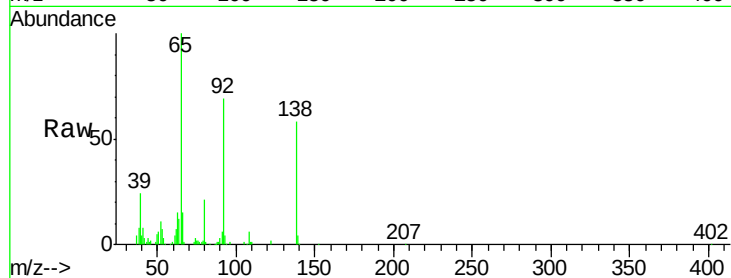
Tot Ion:138 Resp: 49402

Ion Ratio Lower Upper

138 100

108 10.8 12.4 18.6#

92 119.6 108.6 162.8



#54

2,4-Dinitrophenol

Concen: 83.416 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

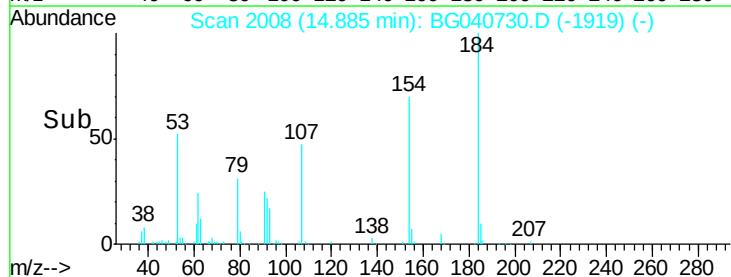
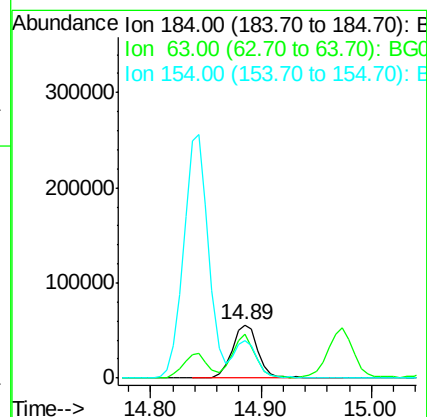
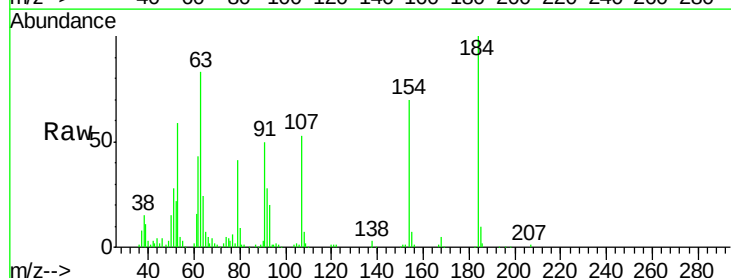
Tgt Ion:184 Resp: 92087

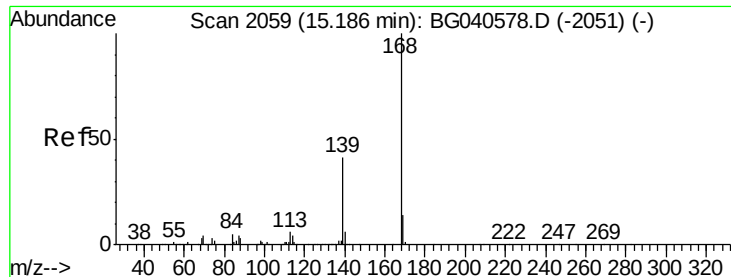
Ion Ratio Lower Upper

184 100

63 82.7 51.8 77.6#

154 69.8 43.6 65.4#





#55

Dibenzenofuran

Concen: 59.277 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

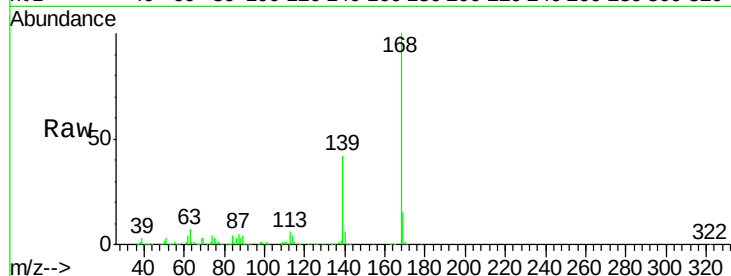
Tot Ion:168 Resp: 695960

Ion Ratio Lower Upper

168 100

139 42.2 33.0 49.4

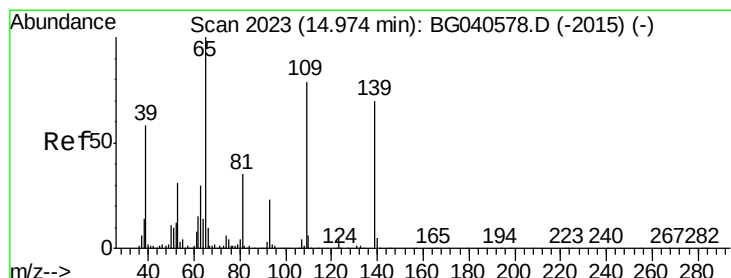
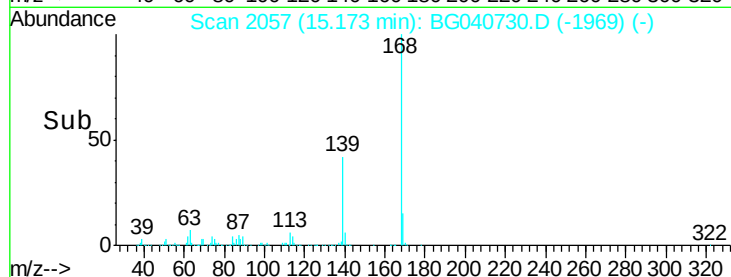
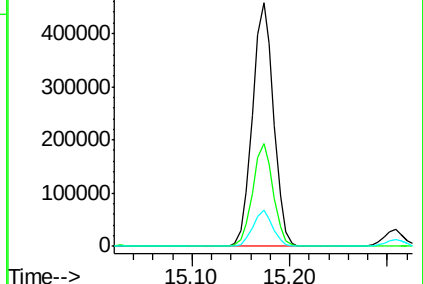
169 14.9 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 118.632 ng

RT: 14.97 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

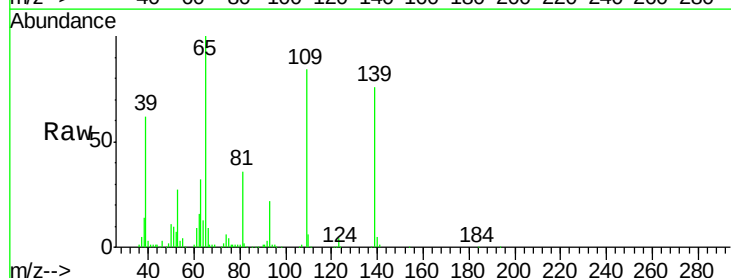
Tgt Ion:139 Resp: 205496

Ion Ratio Lower Upper

139 100

109 111.5 93.8 133.8

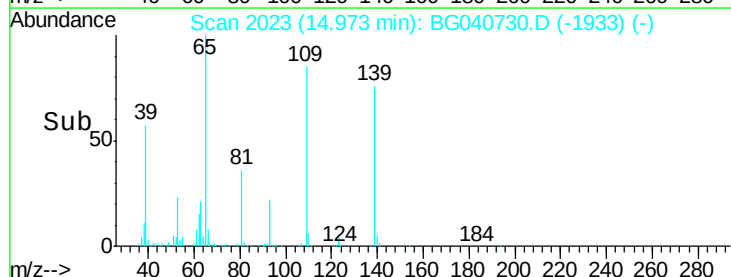
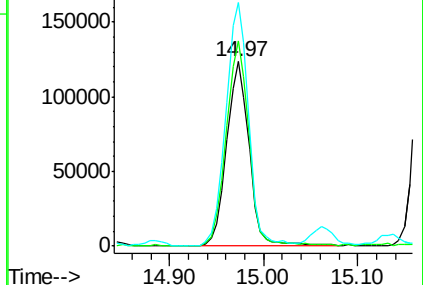
65 132.0 122.7 162.7

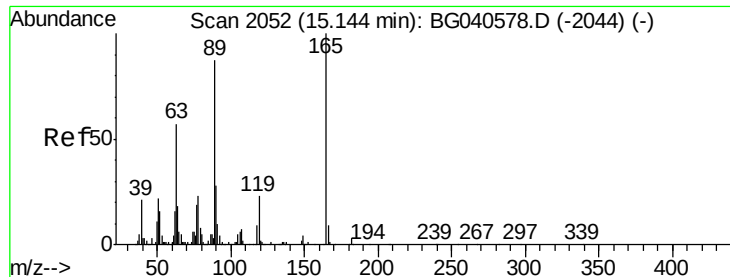


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

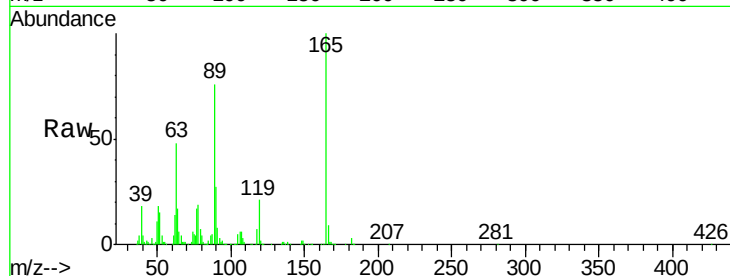




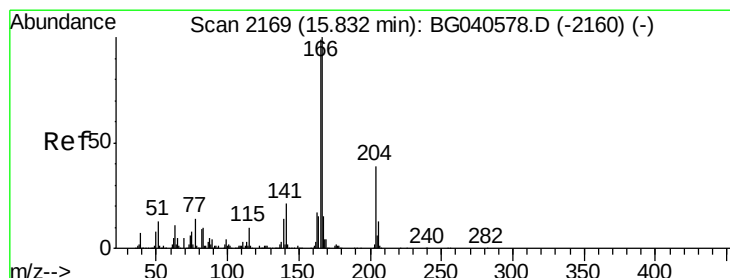
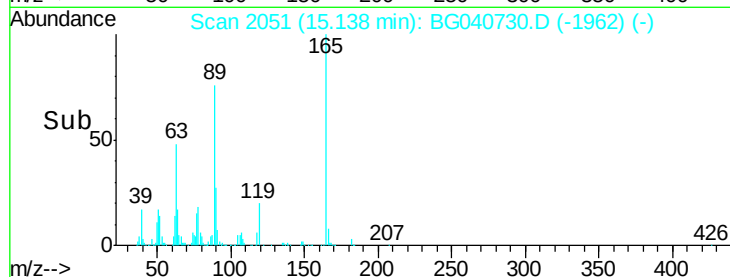
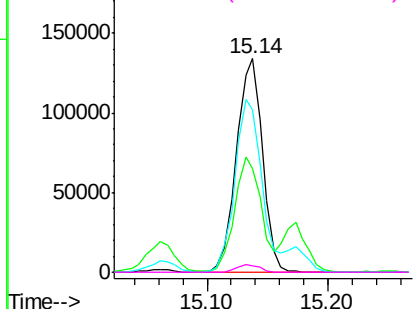
#57
2,4-Dinitrotoluene
Concen: 76.077 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

Tot Ion:165	Resp:	201552
Ion Ratio	Lower	Upper
165	100	
63	48.3	45.8 68.8
89	76.2	69.4 104.2
182	3.1	2.2 3.4

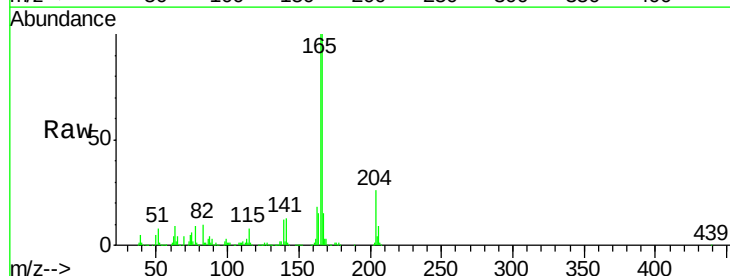


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

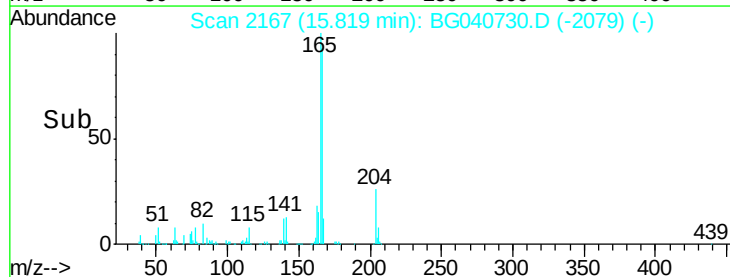
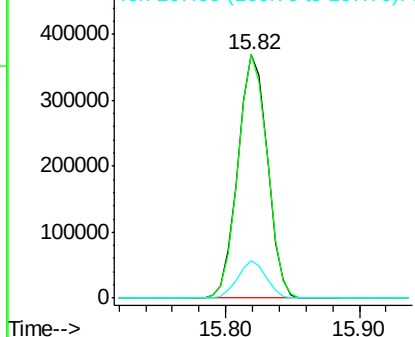


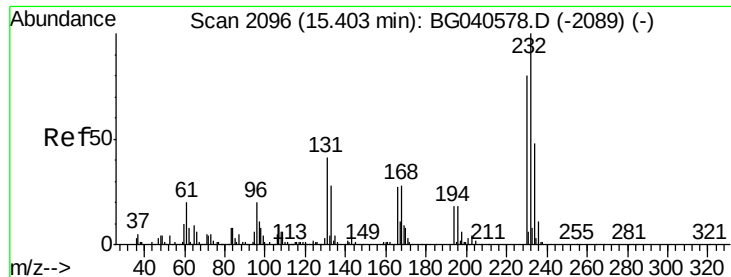
#58
Fluorene
Concen: 59.490 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion:166	Resp:	564531
Ion Ratio	Lower	Upper
166	100	
165	99.9	79.6 119.4
167	15.3	12.2 18.2



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

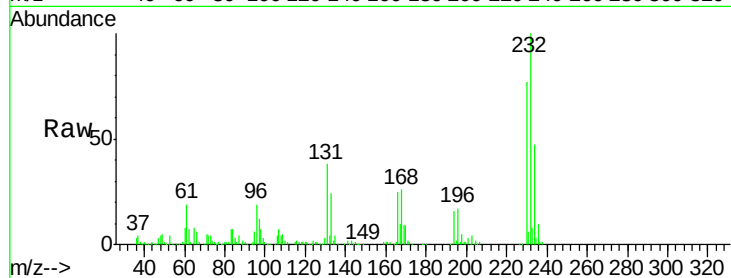




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 73.017 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMS

Tot Ion:	232	Resp:	215190
Ion	Ratio	Lower	Upper
232	100		
131	39.6	33.0	49.4
130	2.2	2.0	3.0
166	26.5	22.1	33.1

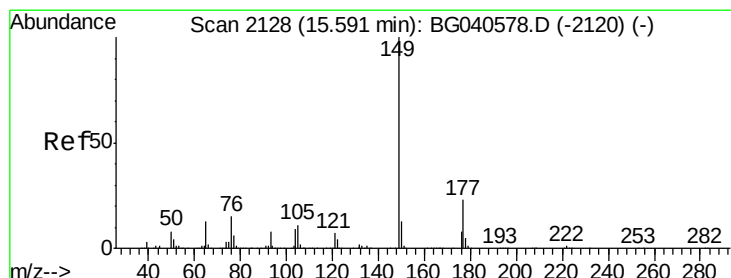
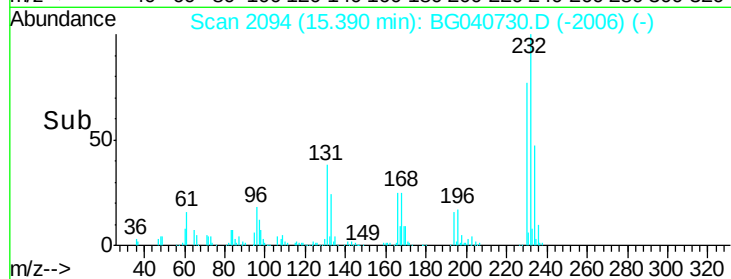
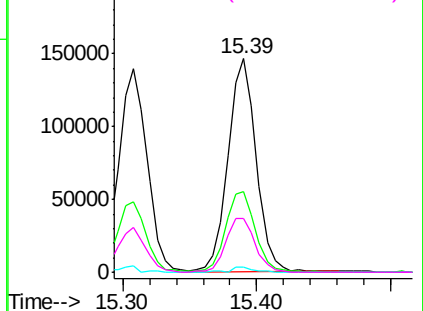


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

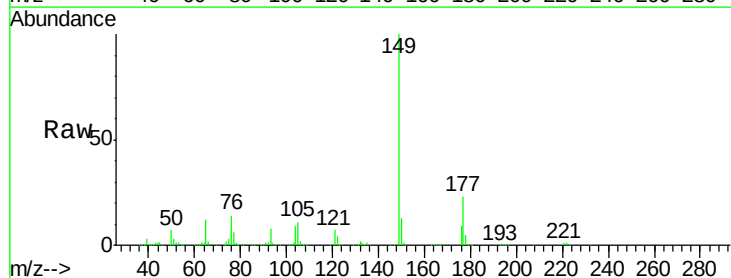
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 60.300 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG040730.D
 Acq: 3 May 2019 18:30

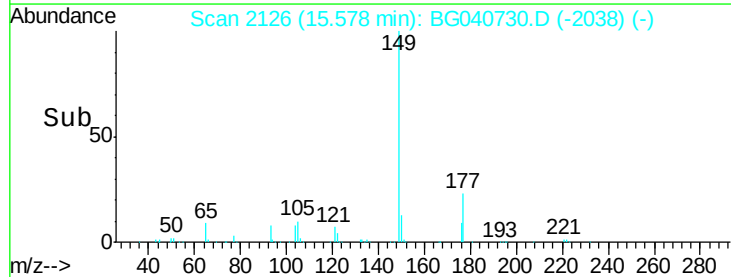
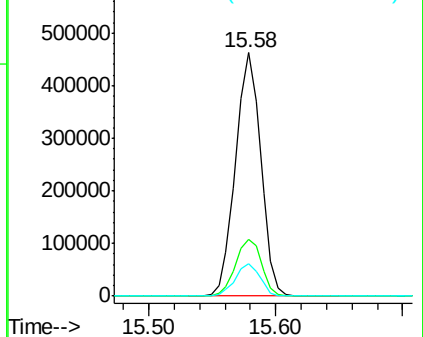
Tgt Ion:	149	Resp:	635567
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.5	27.7
150	13.1	10.2	15.4

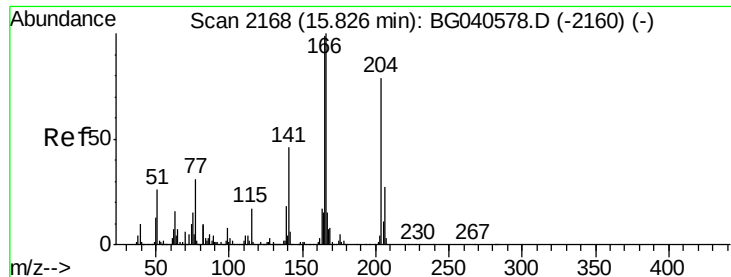


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 61.872 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

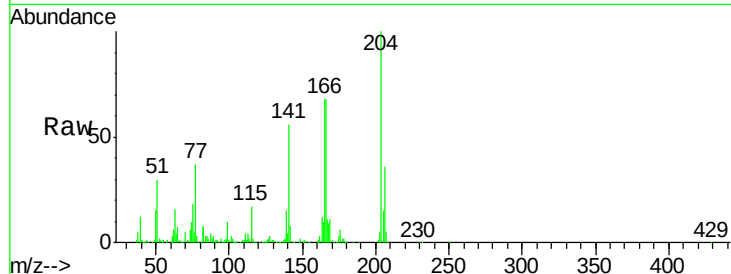
Tot Ion:204 Resp: 341485

Ion Ratio Lower Upper

204 100

206 35.7 27.4 41.2

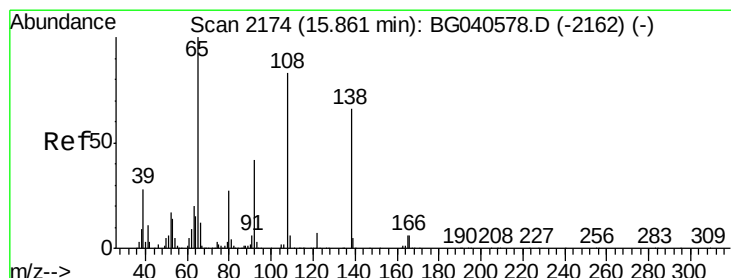
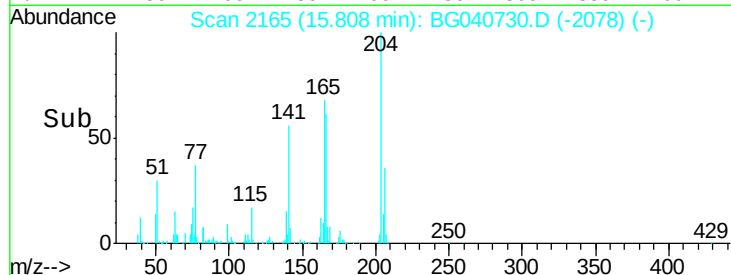
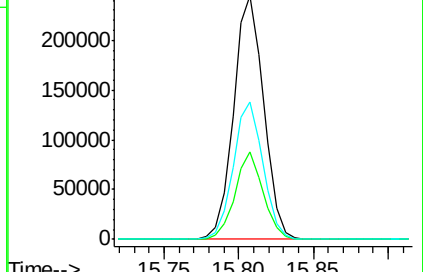
141 56.3 46.0 69.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 61.805 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

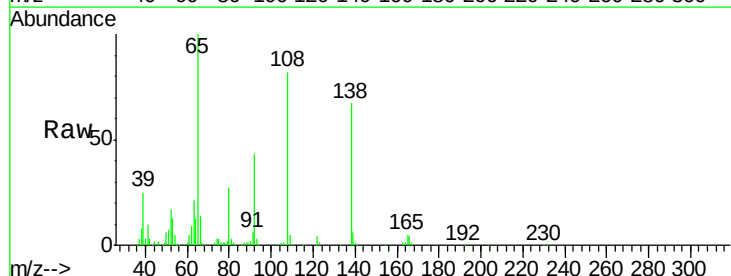
Tgt Ion:138 Resp: 138112

Ion Ratio Lower Upper

138 100

92 63.9 43.9 83.9

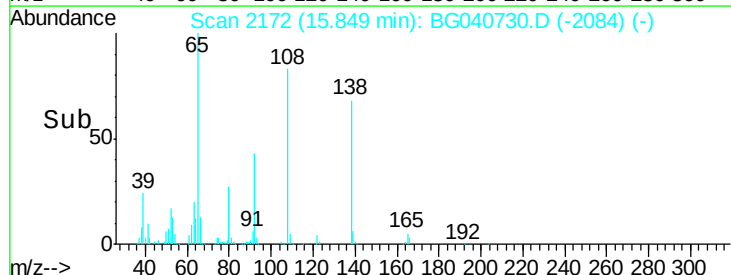
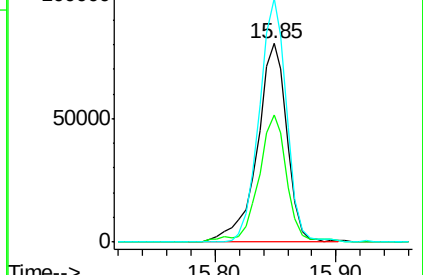
108 122.6 106.5 146.5

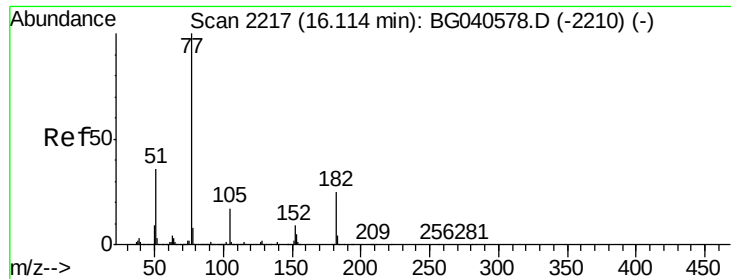


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

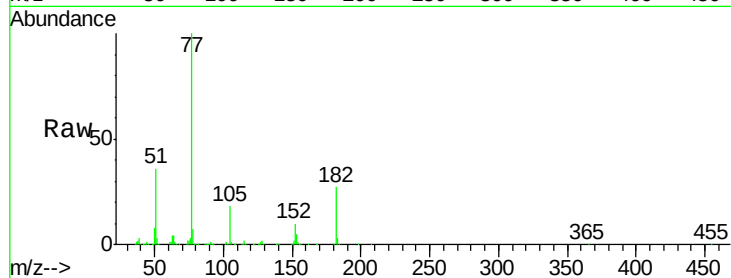




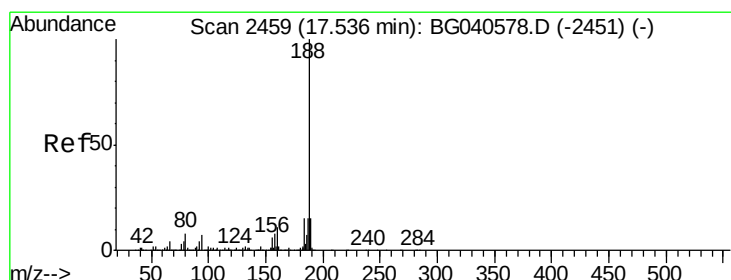
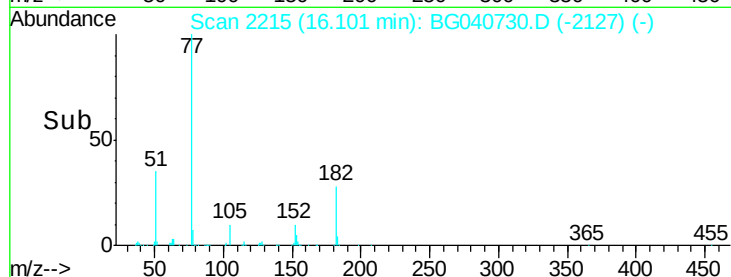
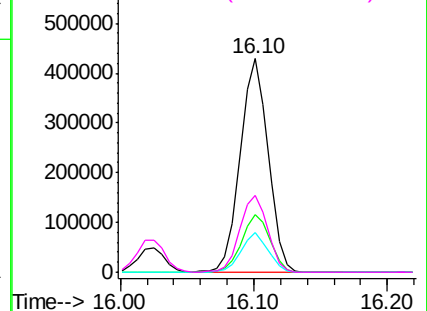
#63
Azobenzene
Concen: 57.376 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

Tot Ion: 77 Resp: 622804
Ion Ratio Lower Upper
77 100
182 26.8 5.0 45.0
105 18.3 0.0 37.6
51 36.1 16.3 56.3

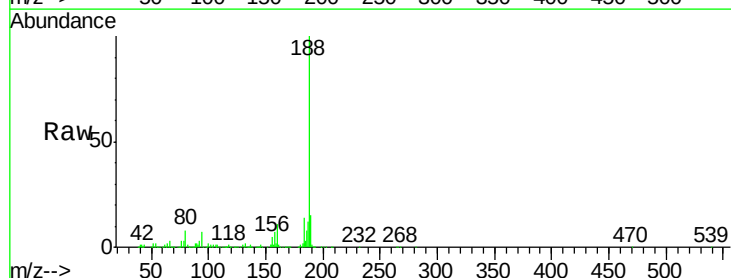


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

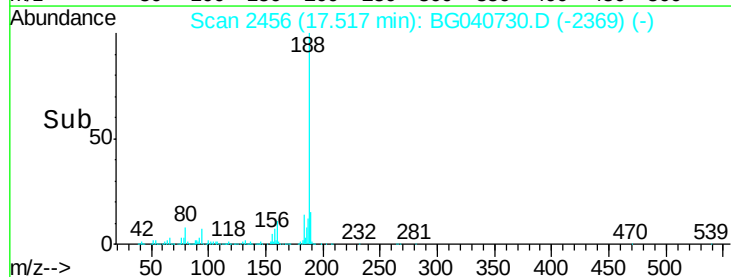
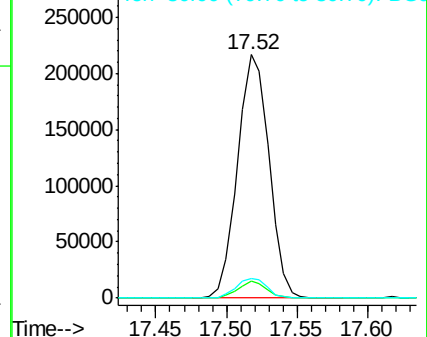


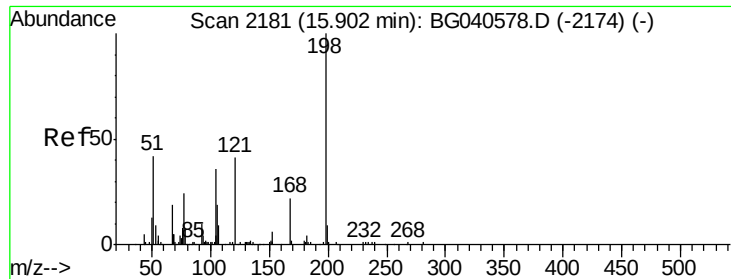
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion: 188 Resp: 337173
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 7.8 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.366 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

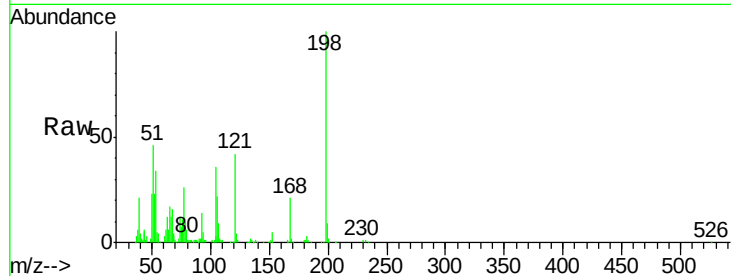
Tot Ion:198 Resp: 88257

Ion Ratio Lower Upper

198 100

51 45.8 35.9 75.9

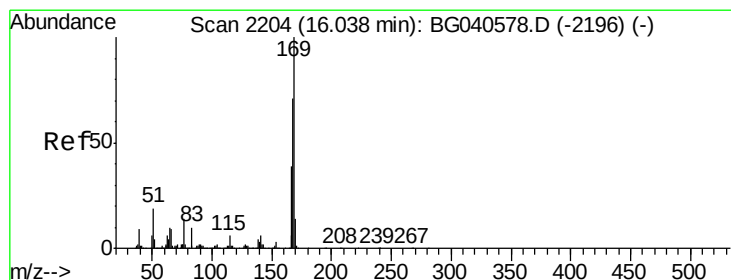
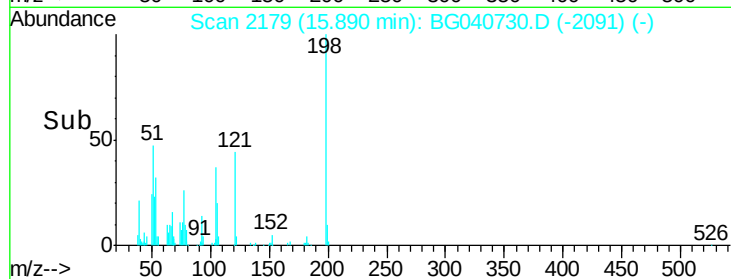
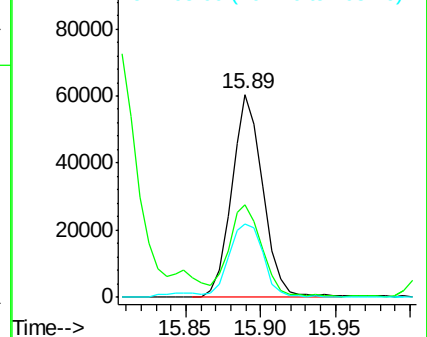
105 36.0 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 54.380 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

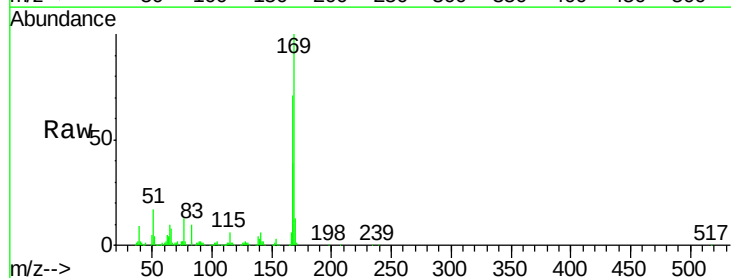
Tgt Ion:169 Resp: 539452

Ion Ratio Lower Upper

169 100

168 70.6 56.8 85.2

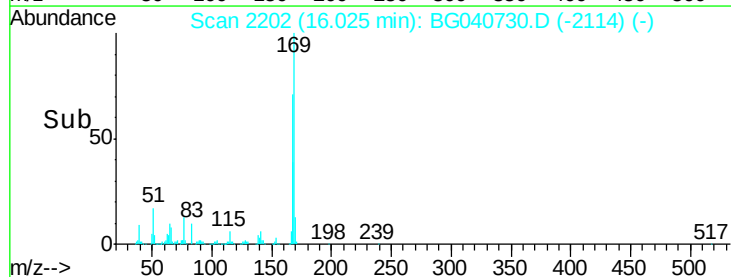
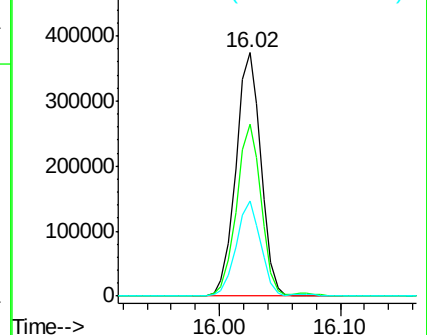
167 38.9 31.4 47.0

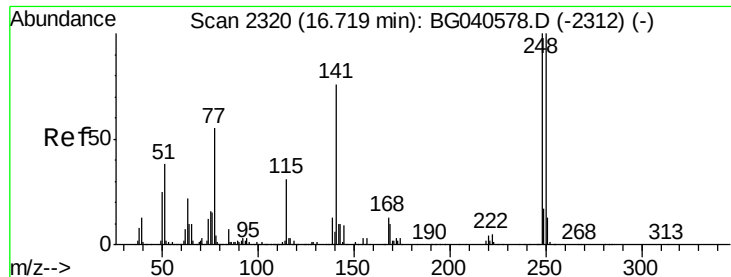


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

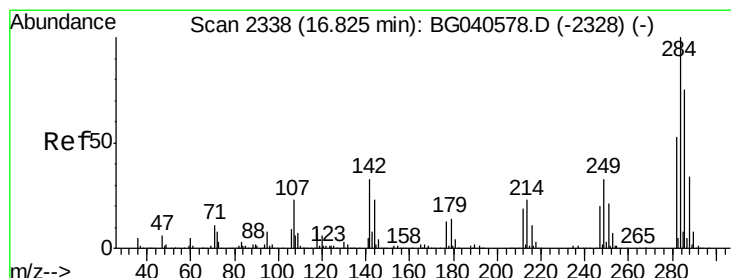
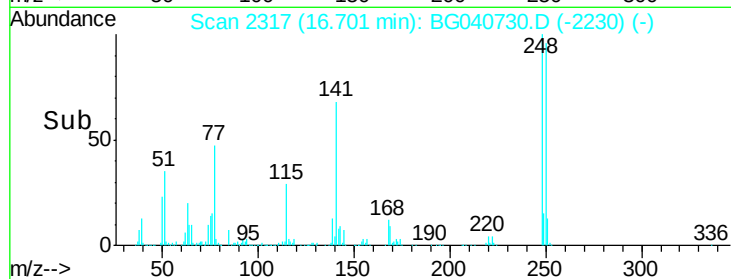
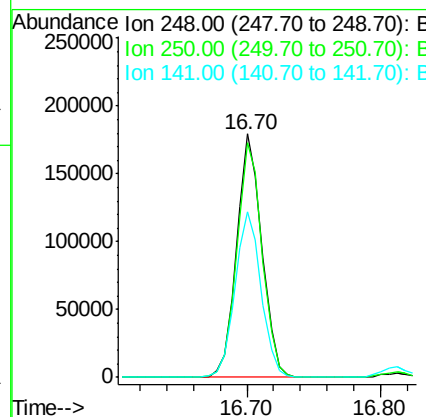
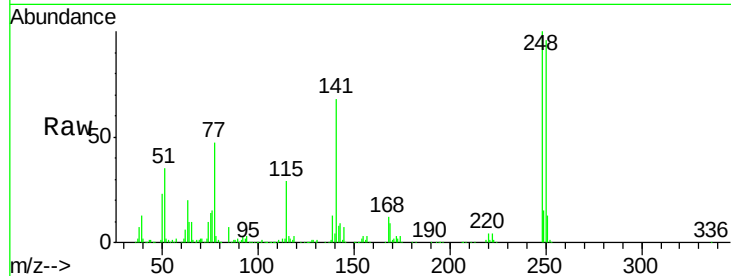




#67
4-Bromophenyl-phenylether
Concen: 56.102 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

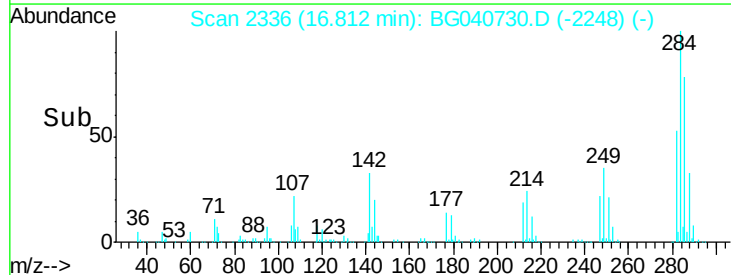
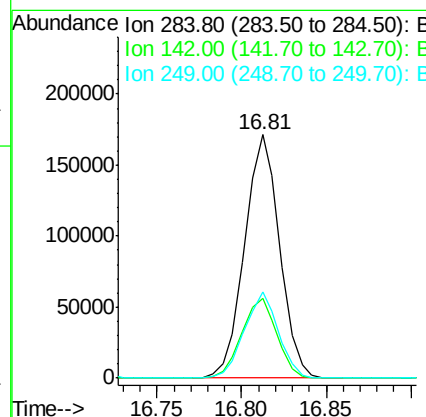
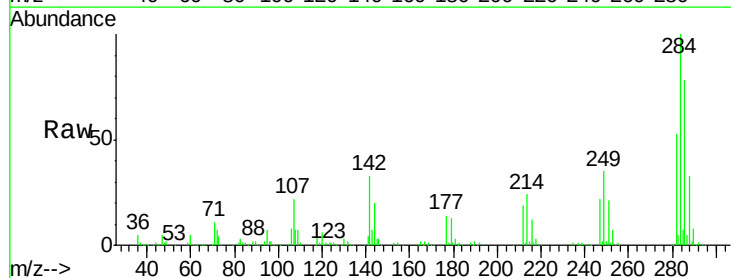
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

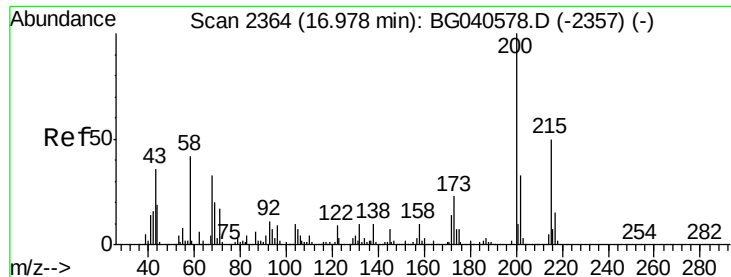
Tot Ion:248 Resp: 235669
Ion Ratio Lower Upper
248 100
250 96.4 79.8 119.6
141 67.9 60.8 91.2



#68
Hexachlorobenzene
Concen: 56.839 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion:284 Resp: 246884
Ion Ratio Lower Upper
284 100
142 32.9 26.6 40.0
249 37.5 26.0 39.0





#69

Atrazine

Concen: 62.623 ng

RT: 16.96 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

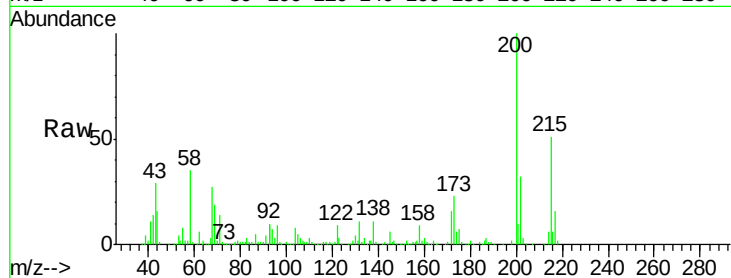
Tot Ion:200 Resp: 246124

Ion Ratio Lower Upper

200 100

173 22.6 2.8 42.8

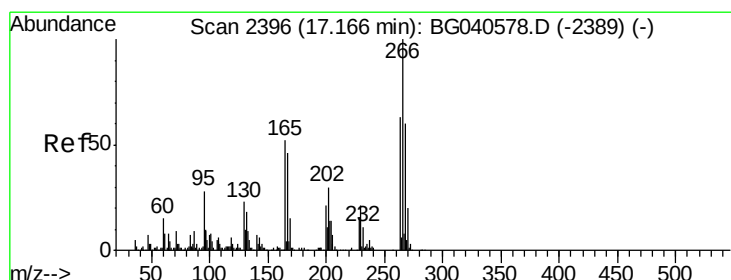
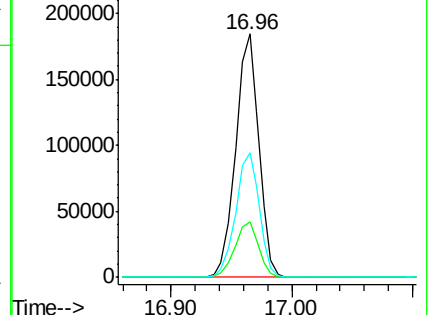
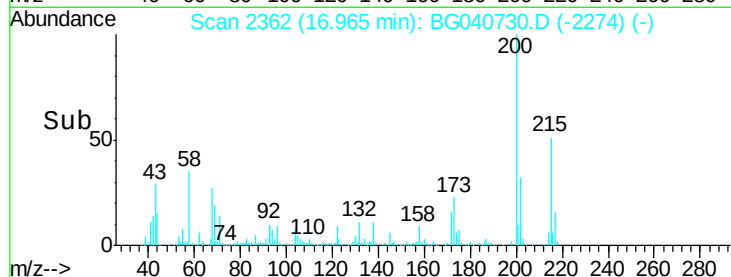
215 51.0 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 108.605 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

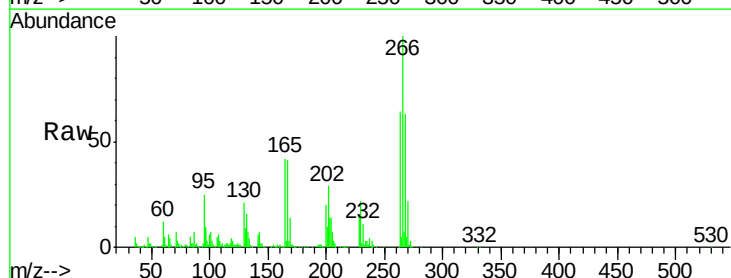
Tgt Ion:266 Resp: 276042

Ion Ratio Lower Upper

266 100

268 63.0 52.3 78.5

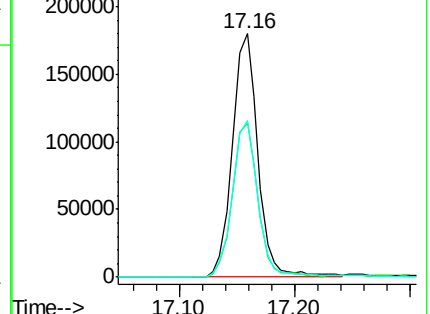
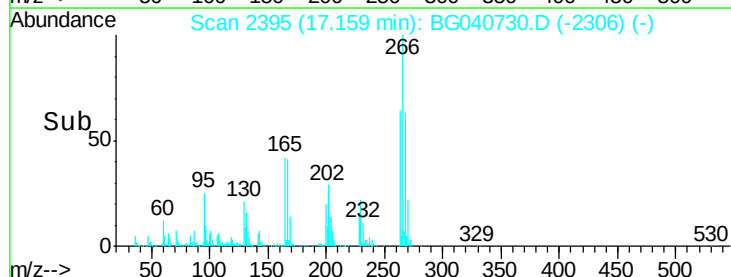
264 64.2 50.0 75.0

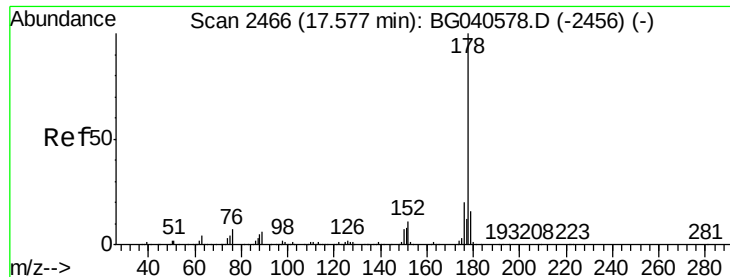


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 57.669 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

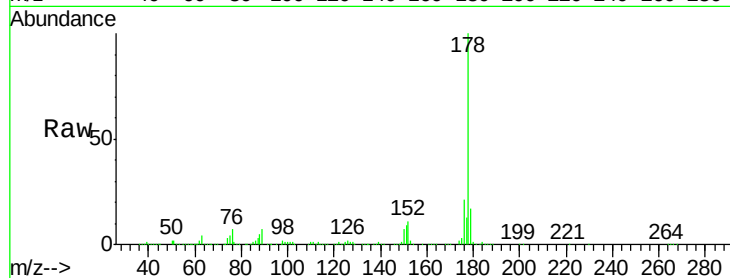
Tot Ion:178 Resp: 1047320

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.6

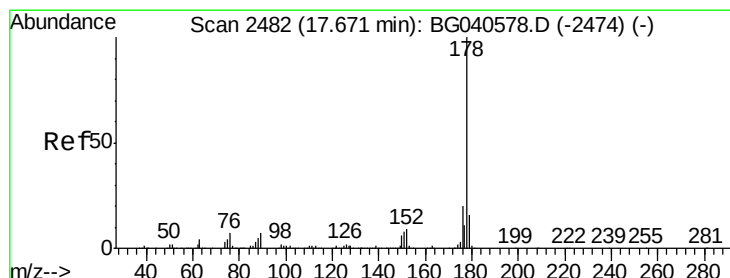
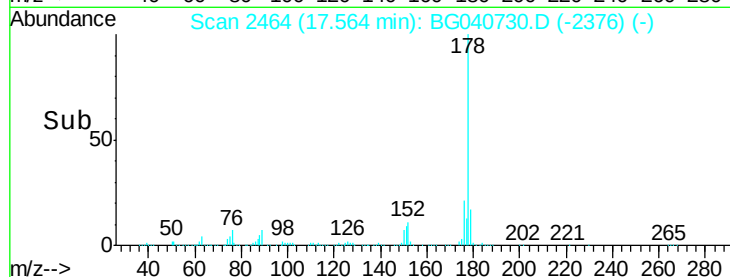
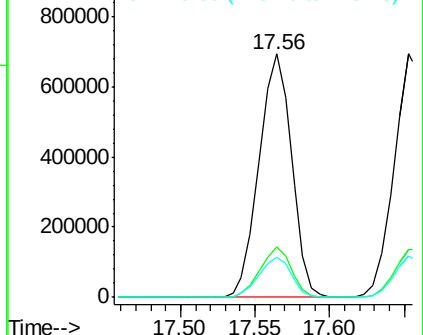
179 16.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 58.054 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

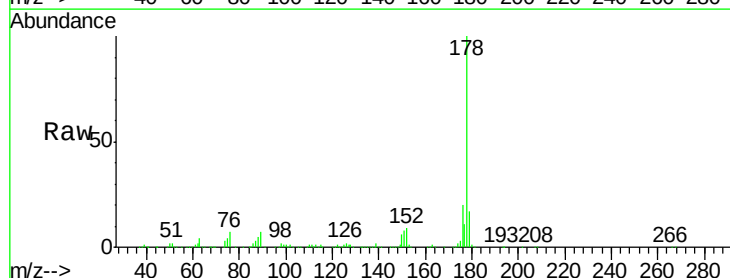
Tgt Ion:178 Resp: 1059765

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

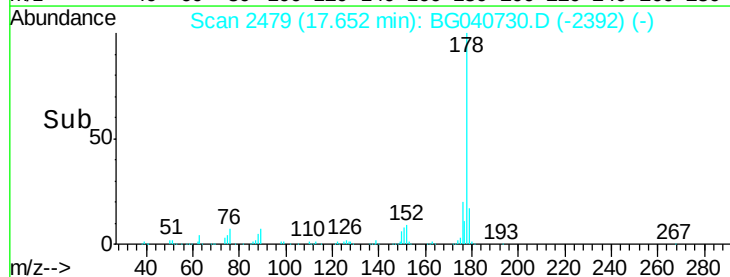
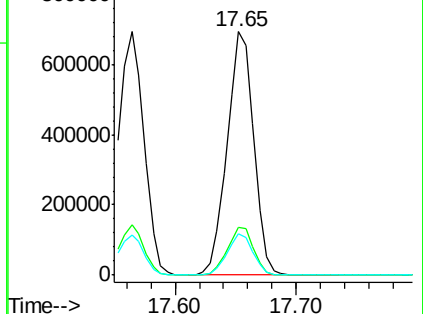
179 16.9 12.9 19.3

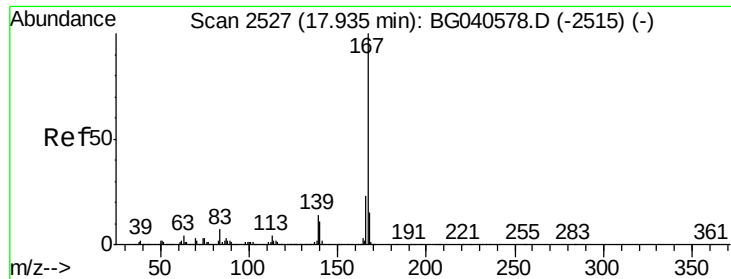


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 57.291 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

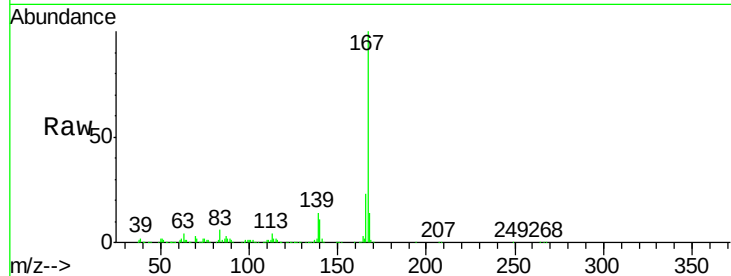
Tot Ion:167 Resp: 952844

Ion Ratio Lower Upper

167 100

166 23.5 18.2 27.4

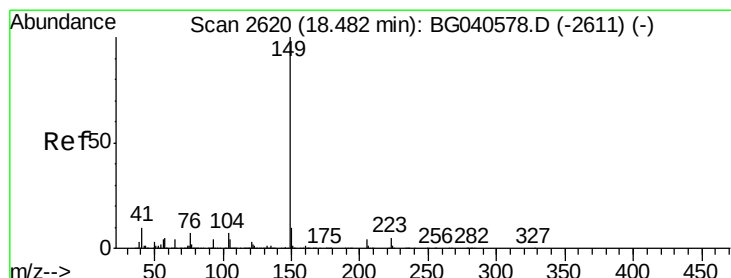
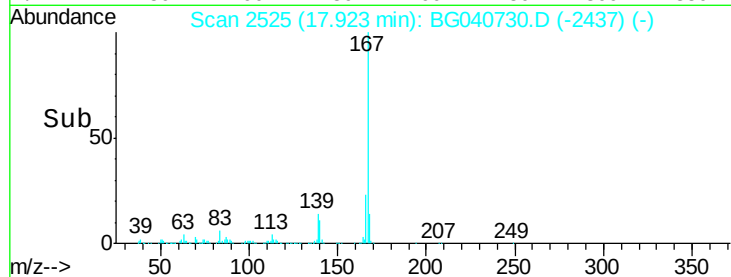
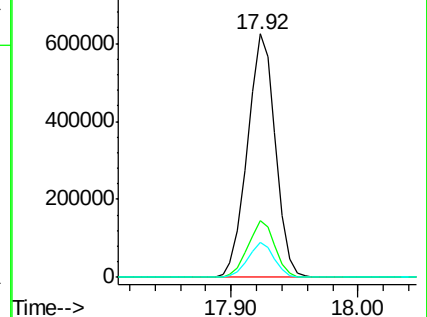
139 14.4 11.4 17.0



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: 57.387 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

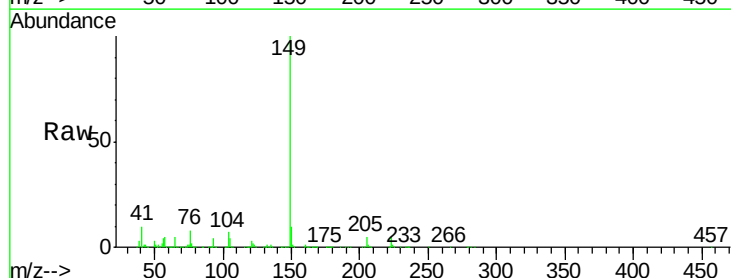
Tgt Ion:149 Resp: 1151989

Ion Ratio Lower Upper

149 100

150 10.4 8.2 12.2

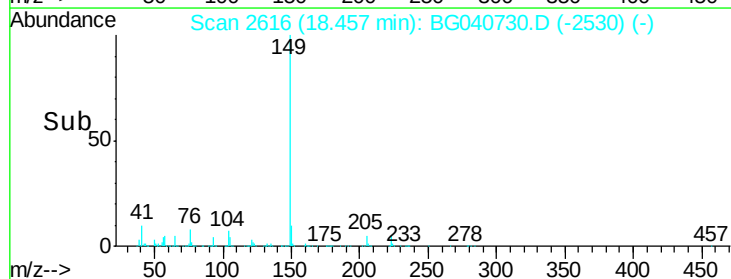
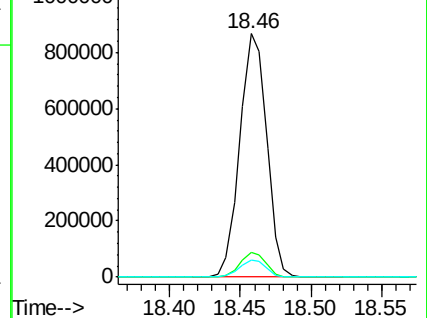
104 7.1 5.4 8.2

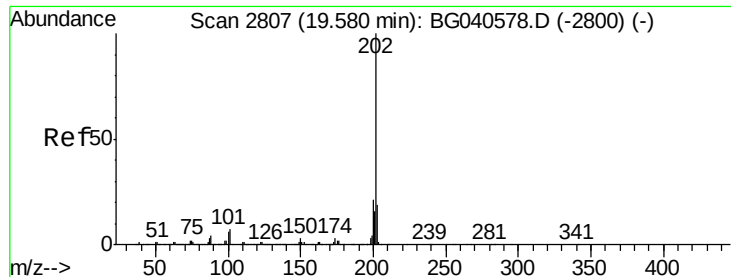


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 60.097 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

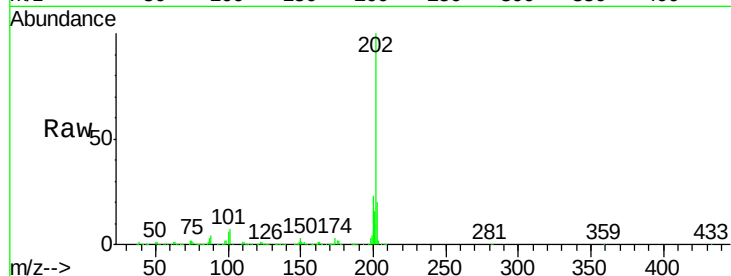
Tot Ion:202 Resp: 1360089

Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.5

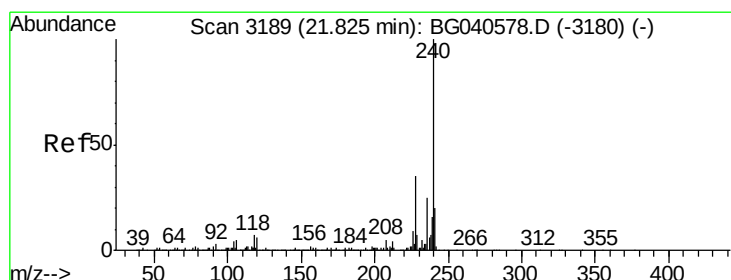
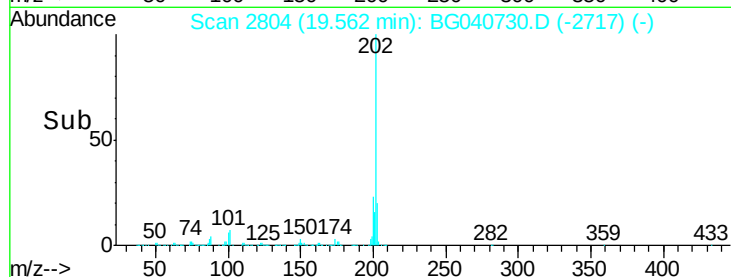
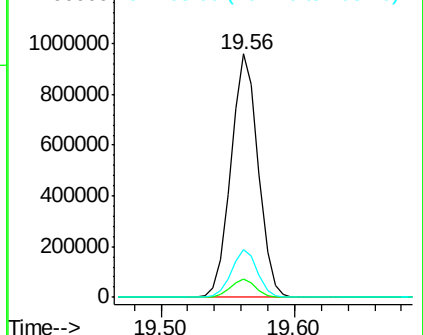
203 19.6 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

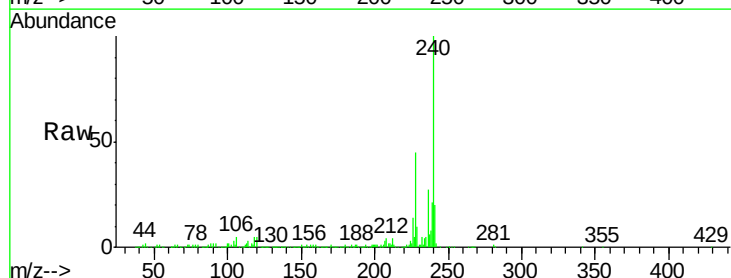
Tgt Ion:240 Resp: 345241

Ion Ratio Lower Upper

240 100

120 5.2 5.0 7.6

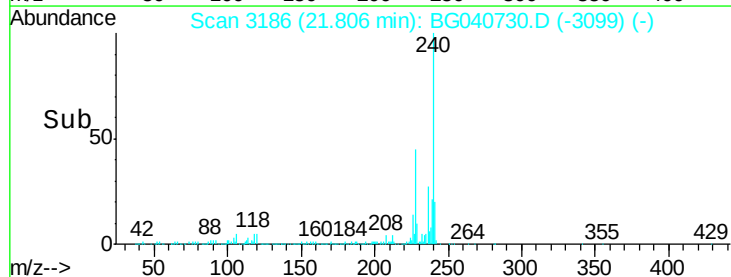
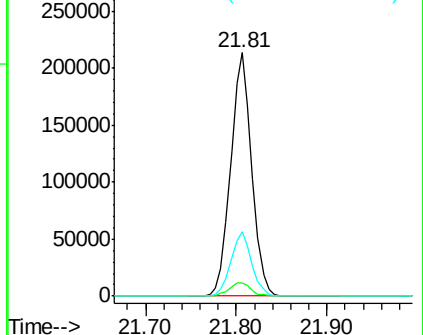
236 26.6 20.3 30.5

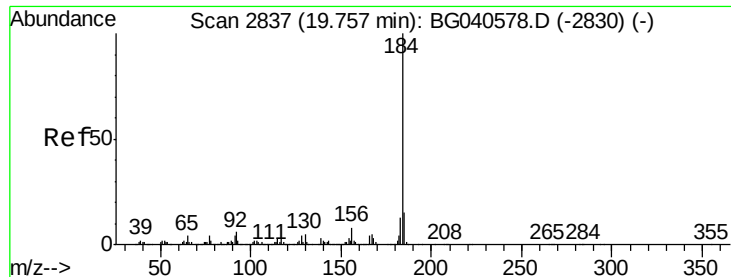


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.895 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

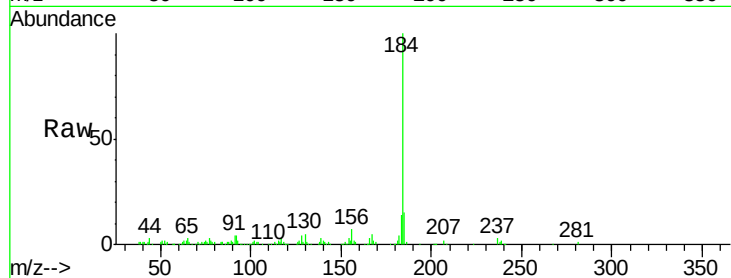
Tot Ion:184 Resp: 140800

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.8

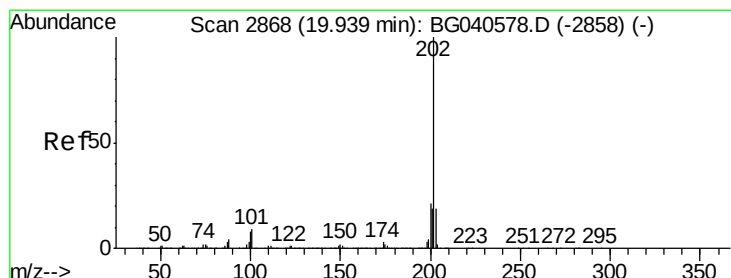
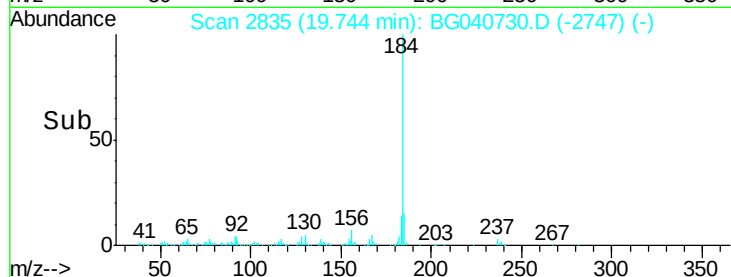
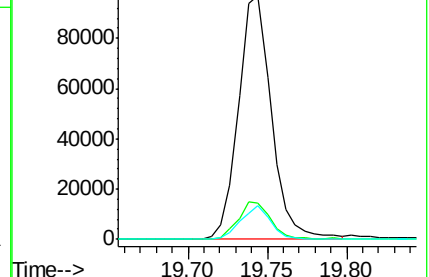
183 13.7 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 62.746 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

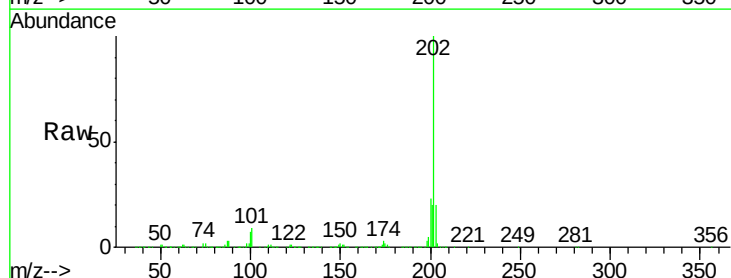
Tgt Ion:202 Resp: 1357717

Ion Ratio Lower Upper

202 100

200 23.0 17.2 25.8

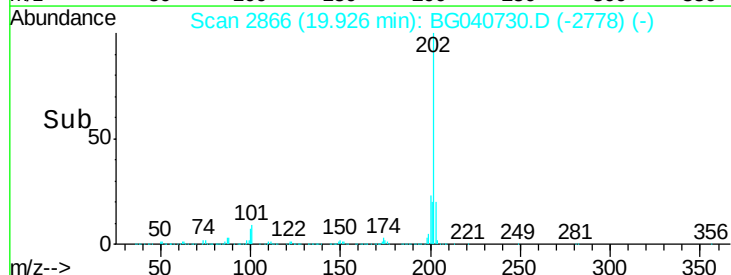
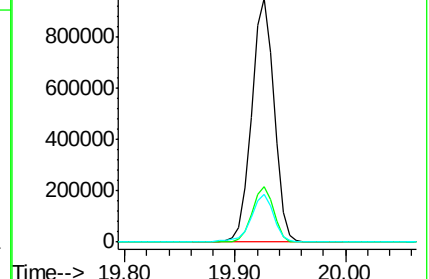
203 19.6 15.0 22.4

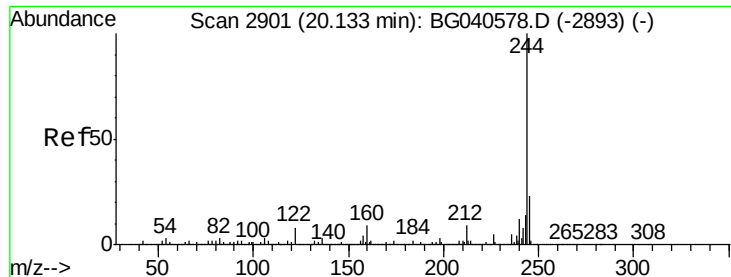


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 121.416 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

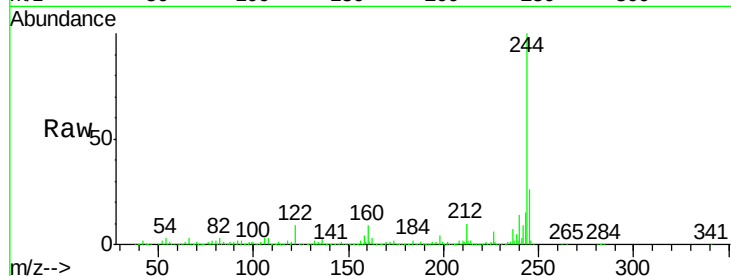
Tot Ion:244 Resp: 1892091

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.2	10.8
122	8.7	6.6	10.0

244 100

212 10.1 7.2 10.8

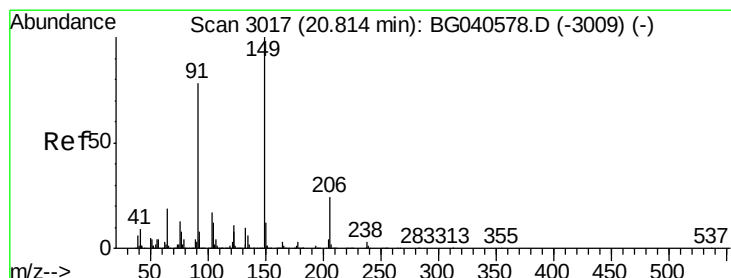
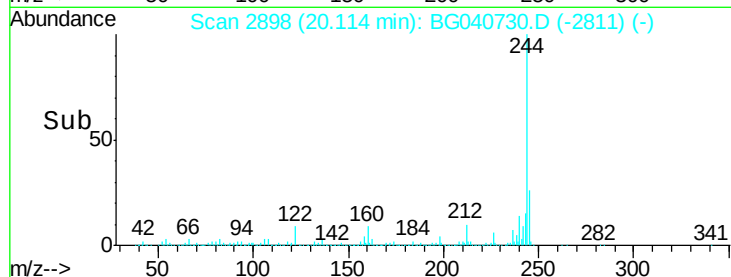
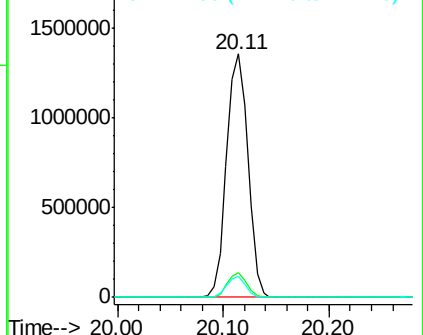
122 8.7 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 63.198 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

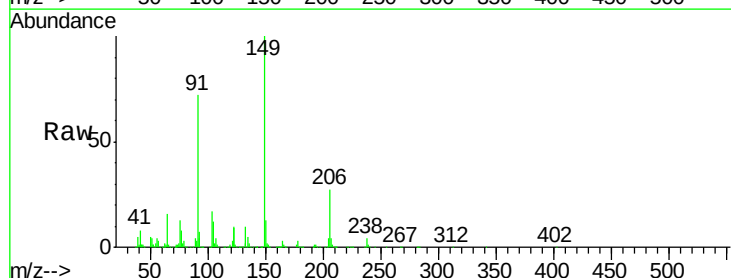
Tgt Ion:149 Resp: 532987

Ion	Ratio	Lower	Upper
149	100		
91	72.1	62.6	93.8
206	26.9	19.4	29.2

149 100

91 72.1 62.6 93.8

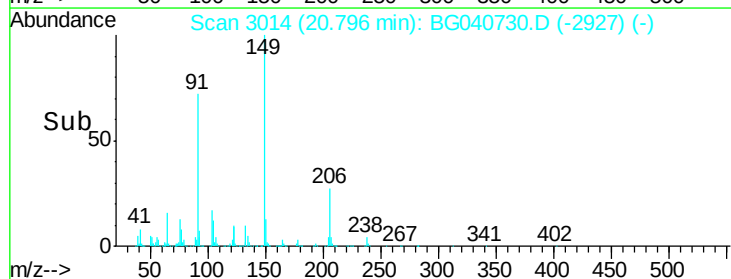
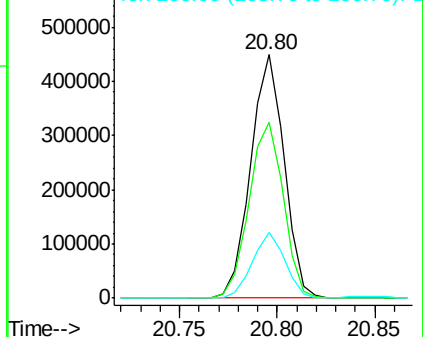
206 26.9 19.4 29.2

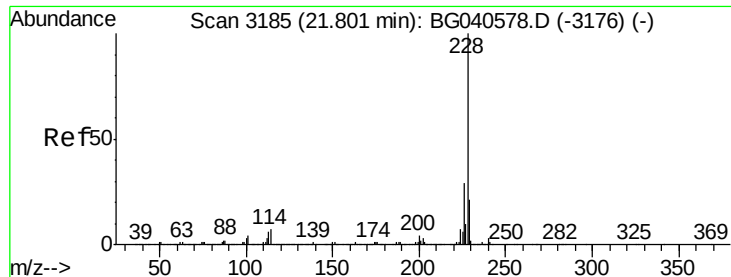


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 60.595 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

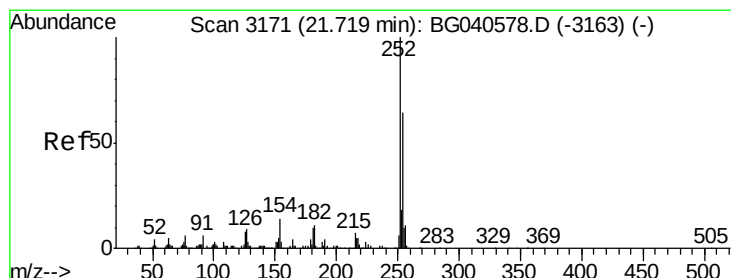
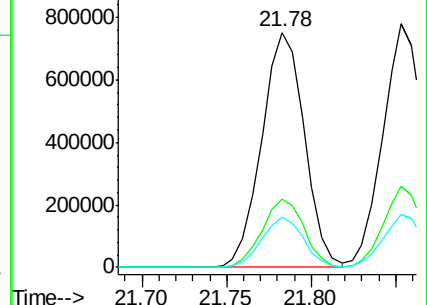
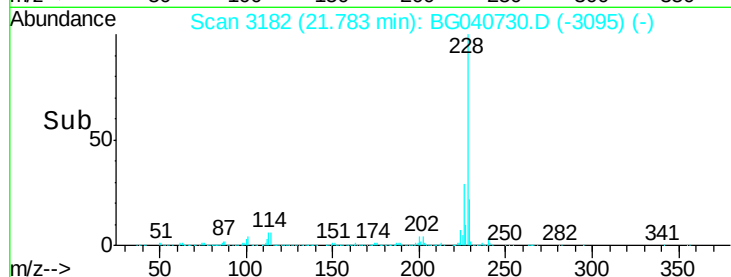
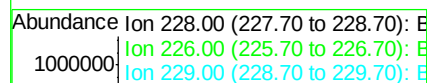
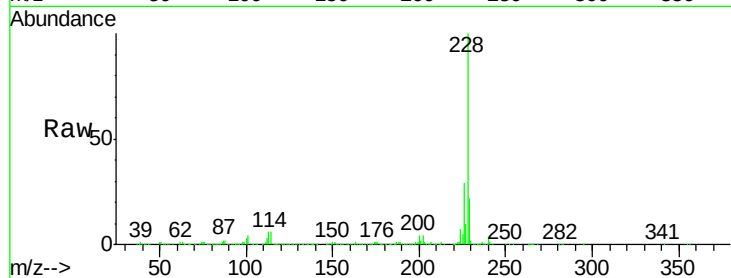
BNA_G

ClientSampleId :

AU-05-050219-AMS

Tot Ion:228 Resp: 1322158

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	21.6	17.0	25.4



#82

3,3'-Dichlorobenzidine

Concen: 24.478 ng

RT: 21.69 min Scan# 3167

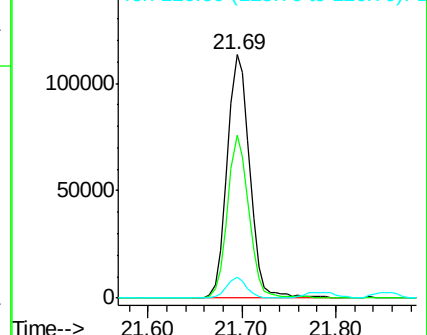
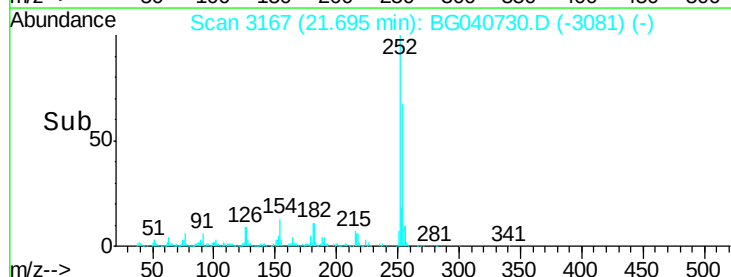
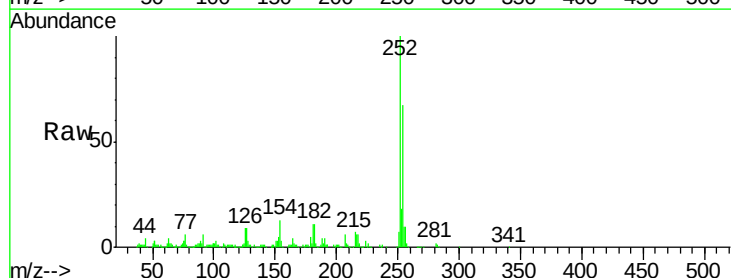
Delta R.T. -0.02 min

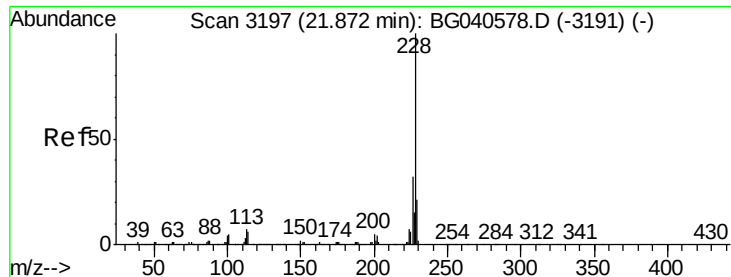
Lab File: BG040730.D

Acq: 3 May 2019 18:30

Tgt Ion:252 Resp: 190366

Ion	Ratio	Lower	Upper
252	100		
254	67.1	51.2	76.8
126	8.8	6.6	10.0





#83

Chrysene

Concen: 62.222 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

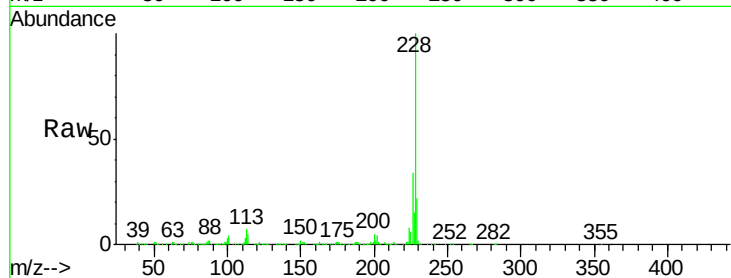
Tot Ion:228 Resp: 1291170

Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.5	38.3
229	21.8	16.8	25.2

228 100

226 33.5 25.5 38.3

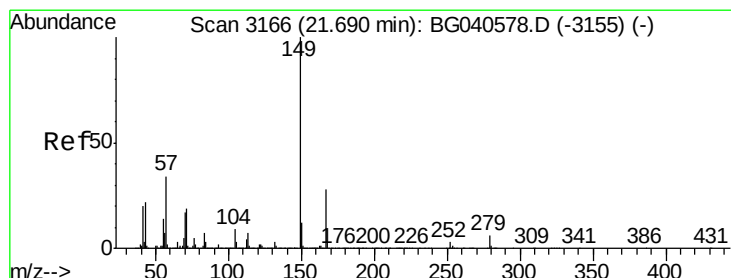
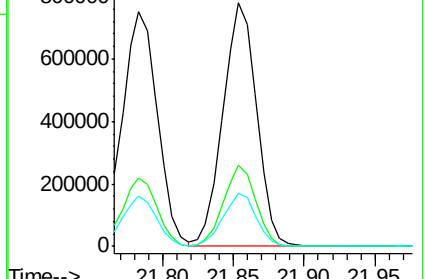
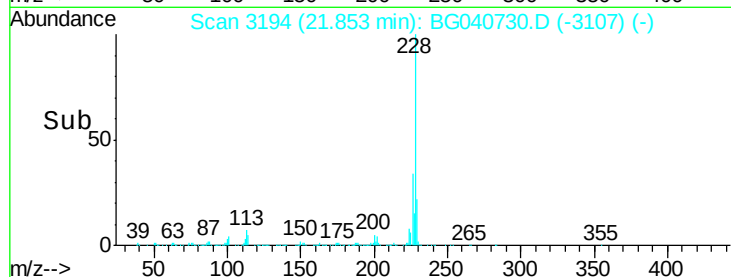
229 21.8 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.983 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.03 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

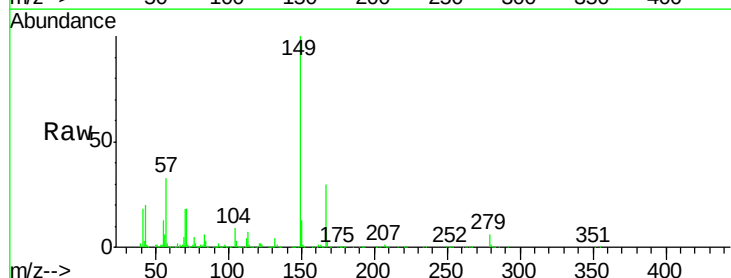
Tgt Ion:149 Resp: 730231

Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.4	33.6
279	6.1	4.6	6.8

149 100

167 30.2 22.4 33.6

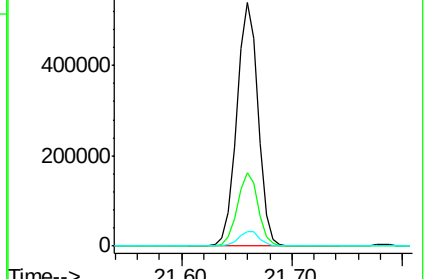
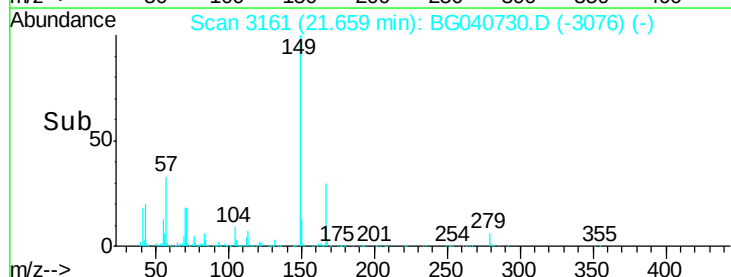
279 6.1 4.6 6.8

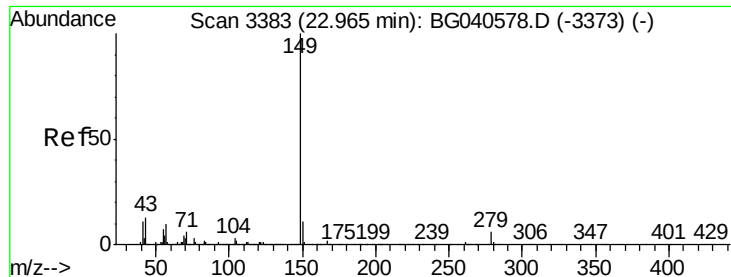


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 61.438 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.05 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

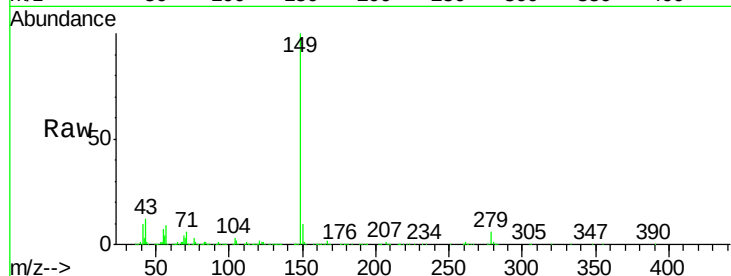
Tot Ion:149 Resp: 1259633

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

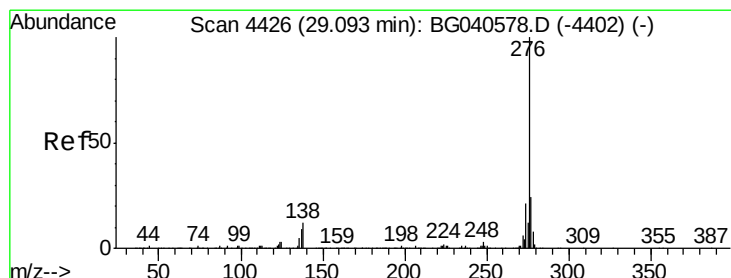
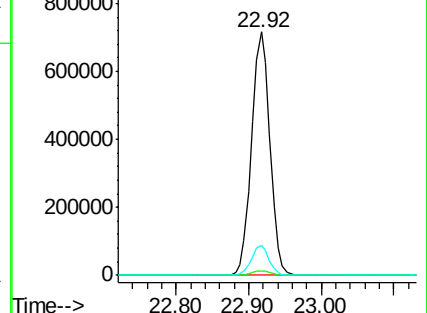
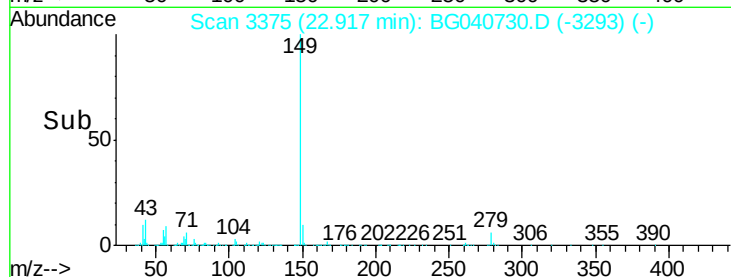
43 11.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.461 ng

RT: 29.03 min Scan# 4415

Delta R.T. -0.07 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

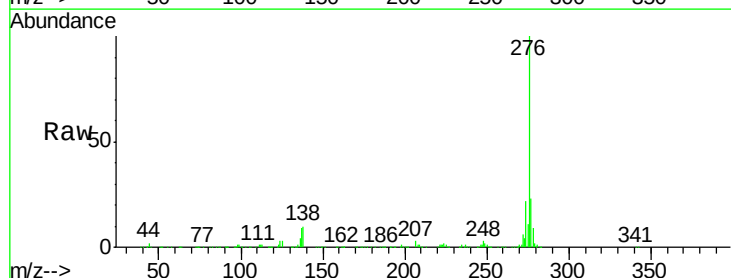
Tgt Ion:276 Resp: 1491816

Ion Ratio Lower Upper

276 100

138 7.8 9.8 14.6#

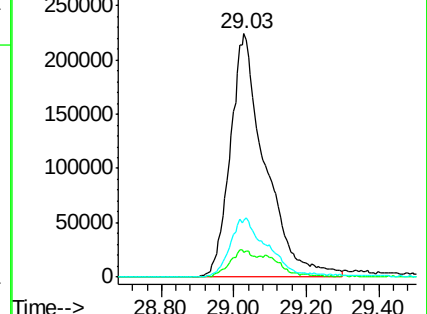
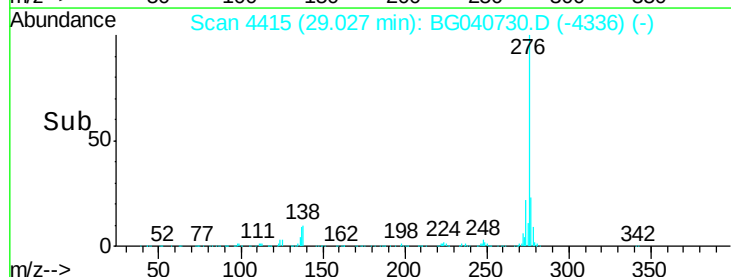
277 25.9 17.3 25.9

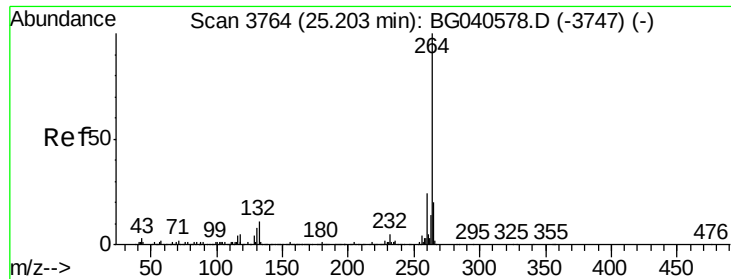


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMS

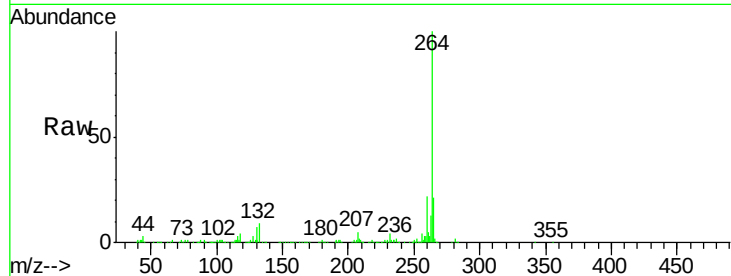
Tot Ion:264 Resp: 369904

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

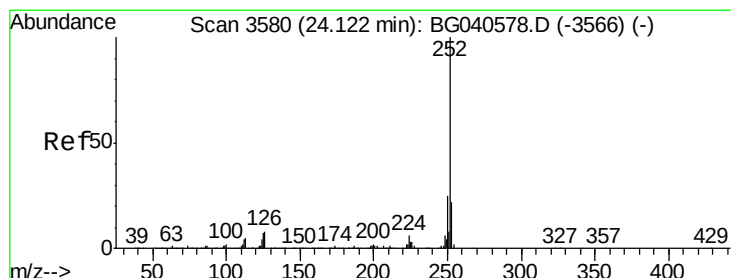
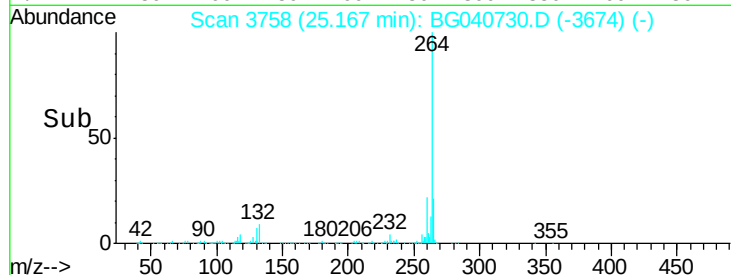
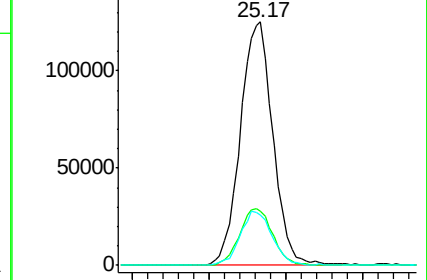
265 20.7 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 60.821 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

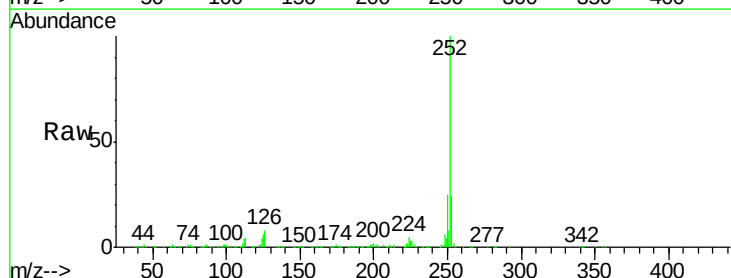
Tgt Ion:252 Resp: 1374809

Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

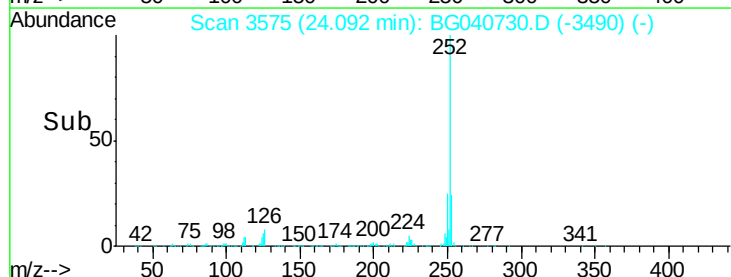
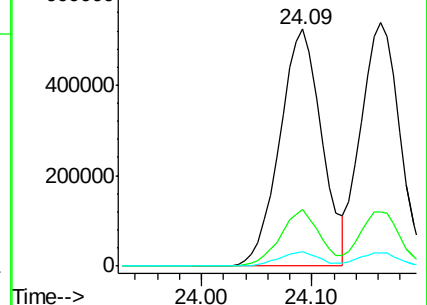
125 6.0 5.4 8.0

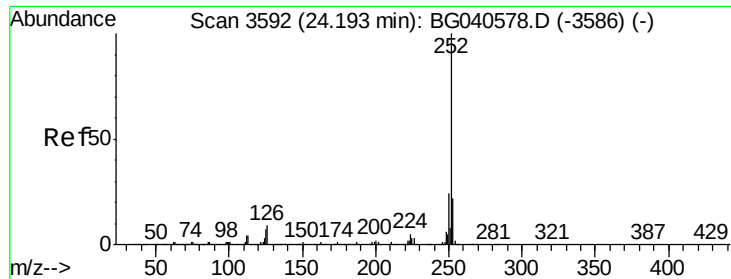


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

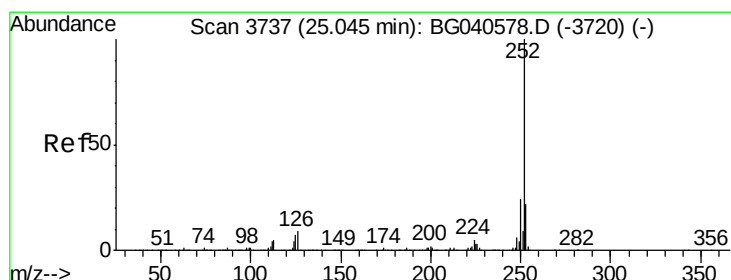
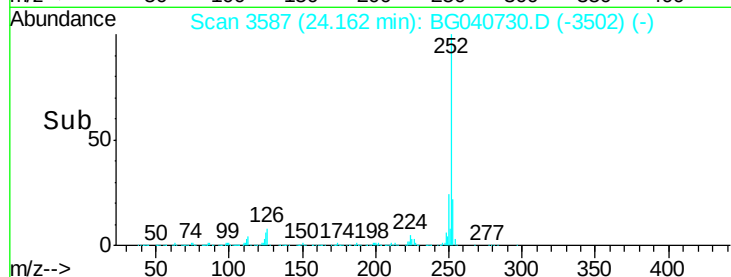
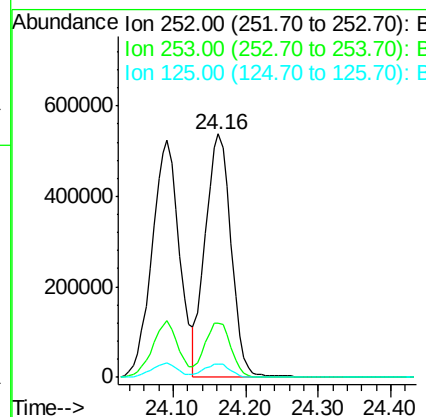
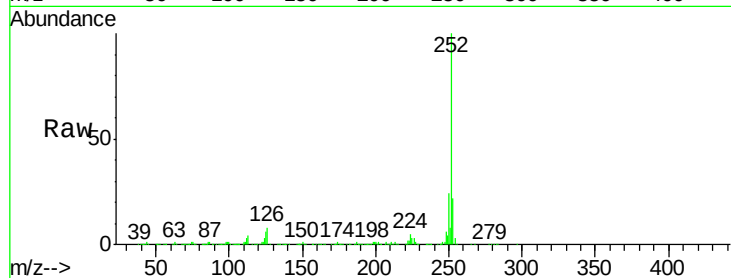




#89
Benzo(k)fluoranthene
Concen: 62.599 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

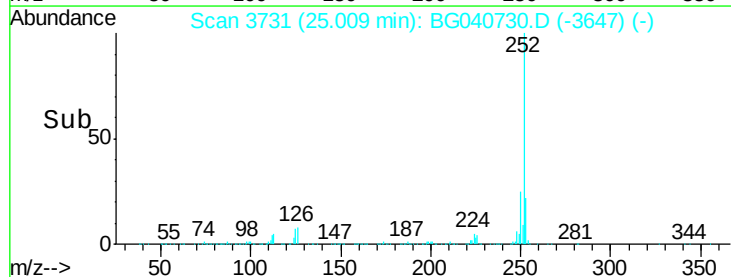
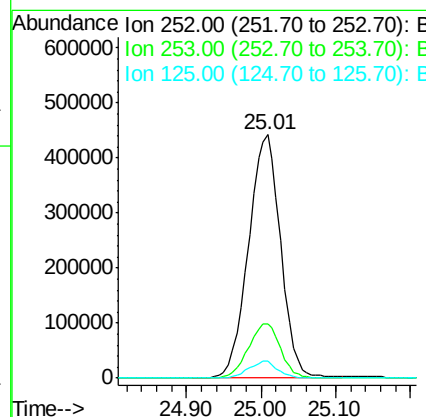
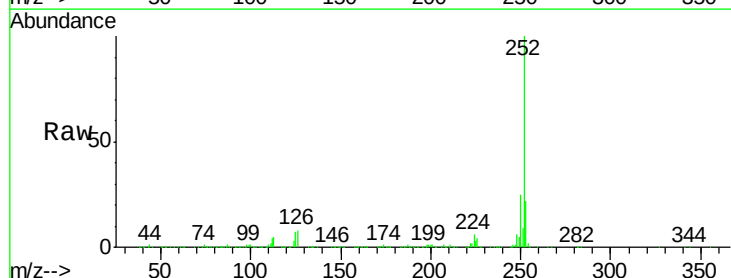
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

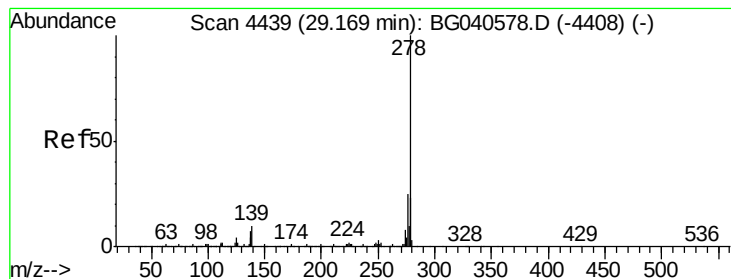
Tot Ion:252 Resp: 1321482
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 5.6 5.5 8.3



#90
Benzo(a)pyrene
Concen: 61.774 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG040730.D
Acq: 3 May 2019 18:30

Tgt Ion:252 Resp: 1321777
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 6.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 55.807 ng

RT: 29.10 min Scan# 4428

Delta R.T. -0.07 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Instrument :

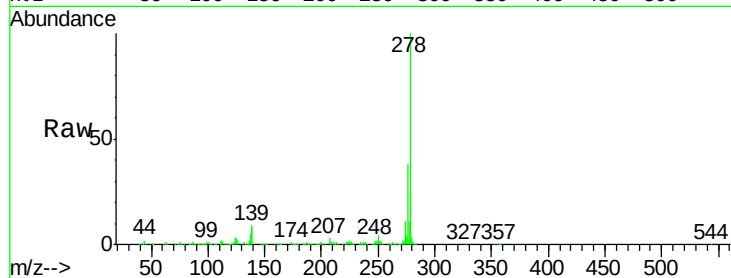
BNA_G

ClientSampleId :

AU-05-050219-AMS

Tot Ion:278 Resp: 1208392

Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.2	12.4
279	23.7	18.5	27.7

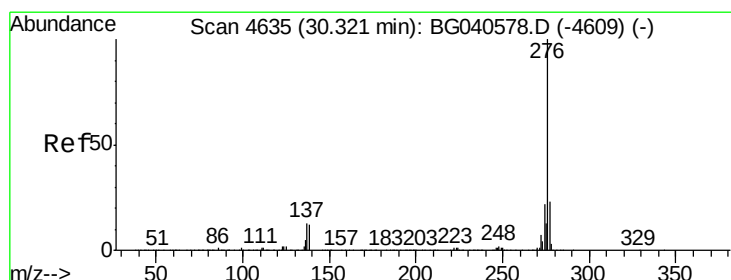
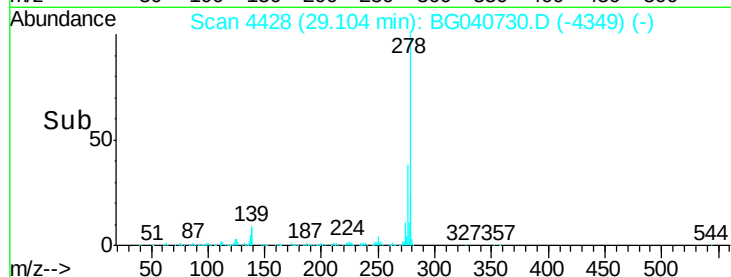
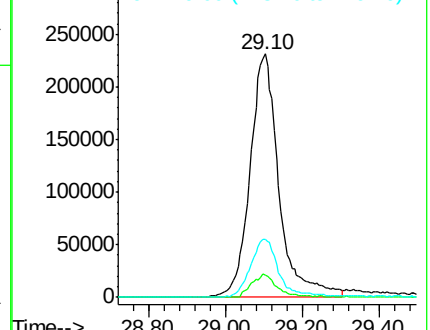


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.986 ng

RT: 30.25 min Scan# 4623

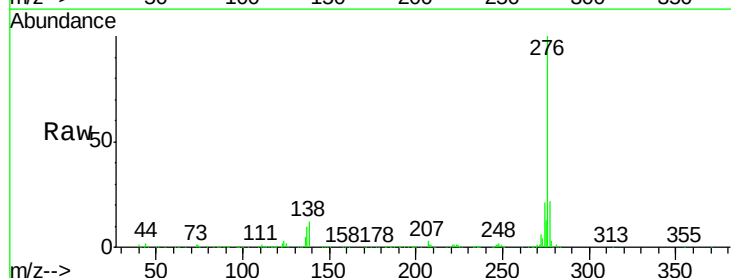
Delta R.T. -0.07 min

Lab File: BG040730.D

Acq: 3 May 2019 18:30

Tgt Ion:276 Resp: 1163375

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.4	27.6
138	11.6	9.8	14.6



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

