

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040382.D
 Acq On : 5 Apr 2019 18:25
 Operator : JU/SJ
 Sample : PB118644BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

Quant Time: Apr 05 23:37:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57138	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	235373	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	141879	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	348546	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	378607	20.00	ng	-0.03
87) Perylene-d12	24.97	264	370167	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	462933	134.69	ng	-0.02
7) Phenol-d6	7.20	99	623653	131.29	ng	-0.02
23) Nitrobenzene-d5	9.22	82	342639	77.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	216709	141.33	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	765735	79.97	ng	-0.02
79) Terphenyl-d14	20.02	244	1250024	74.28	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	86220	53.349	ng	98
3) Pyridine	3.89	79	161298	37.068	ng	97
4) n-Nitrosodimethylamine	3.82	42	76324	37.919	ng	# 88
6) Aniline	7.38	93	168052	27.231	ng	98
8) 2-Chlorophenol	7.61	128	166924	41.488	ng	97
9) Benzaldehyde	7.19	77	46207	14.181	ng	99
10) Phenol	7.23	94	219017	42.480	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	162592	39.373	ng	98
12) 1,3-Dichlorobenzene	7.93	146	170311	38.940	ng	97
13) 1,4-Dichlorobenzene	8.08	146	174526	40.065	ng	97
14) 1,2-Dichlorobenzene	8.40	146	166306	39.922	ng	100
15) Benzyl Alcohol	8.29	79	145510	38.037	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	296281	37.384	ng	99
17) 2-Methylphenol	8.48	107	147373	41.308	ng	98
18) Hexachloroethane	9.12	117	63626	38.399	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	125626	36.887	ng	99
20) 3+4-Methylphenols	8.81	107	200279	41.439	ng	99
22) Acetophenone	8.88	105	248399	42.307	ng	# 96
24) Nitrobenzene	9.26	77	186414	40.653	ng	98
25) Isophorone	9.77	82	357731	39.262	ng	97
26) 2-Nitrophenol	9.97	139	88393	40.682	ng	98
27) 2,4-Dimethylphenol	10.02	122	165112	47.840	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	222285	41.236	ng	99
29) 2,4-Dichlorophenol	10.50	162	166518	44.450	ng	100
30) 1,2,4-Trichlorobenzene	10.72	180	174521	42.427	ng	99
31) Naphthalene	10.91	128	506672	41.997	ng	99
32) Benzoic acid	10.16	122	56491	27.090	ng	95
33) 4-Chloroaniline	11.03	127	138862	26.983	ng	96
34) Hexachlorobutadiene	11.17	225	106324	40.416	ng	95
35) Caprolactam	11.81	113	39340	26.462	ng	90
36) 4-Chloro-3-methylphenol	12.14	107	181214	42.077	ng	97
37) 2-Methylnaphthalene	12.51	142	372132	41.706	ng	97
38) 1-Methylnaphthalene	12.73	142	353373	40.841	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	189522	42.028	ng	99

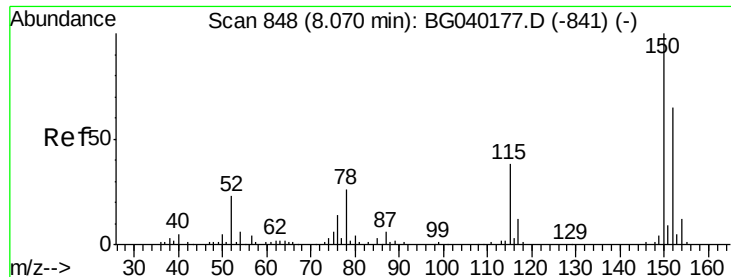
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040382.D
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Quant Time: Apr 05 23:37:31 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	217893	88.002	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	130758	44.975	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	140088	44.206	ng	96
46) 1,1'-Biphenyl	13.51	154	472236	42.125	ng	98
47) 2-Chloronaphthalene	13.56	162	367004	42.680	ng	99
48) 2-Nitroaniline	13.77	65	120695	41.612	ng	94
49) Acenaphthylene	14.40	152	601874	41.282	ng	98
50) Dimethylphthalate	14.13	163	465934	41.961	ng	99
51) 2,6-Dinitrotoluene	14.26	165	105265	42.220	ng	98
52) Acenaphthene	14.75	154	349260	41.806	ng	96
53) 3-Nitroaniline	14.59	138	81616	30.925	ng	94
54) 2,4-Dinitrophenol	14.80	184	101121	76.262	ng	90
55) Dibenzofuran	15.07	168	573610	42.730	ng	99
56) 4-Nitrophenol	14.90	139	174985	82.151	ng	97
57) 2,4-Dinitrotoluene	15.04	165	152481	44.014	ng	98
58) Fluorene	15.72	166	447255	42.377	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	132512	46.081	ng	99
60) Diethylphthalate	15.48	149	484227	42.616	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	245039	43.435	ng	99
62) 4-Nitroaniline	15.76	138	119907	42.336	ng	99
63) Azobenzene	16.00	77	448393	41.836	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	82902	42.336	ng	99
66) n-Nitrosodiphenylamine	15.93	169	425735	41.741	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	156524	39.906	ng	95
68) Hexachlorobenzene	16.72	284	163462	41.448	ng	98
69) Atrazine	16.87	200	156080	41.138	ng	97
70) Pentachlorophenol	17.07	266	170870	74.942	ng	99
71) Phenanthrene	17.47	178	774527	42.277	ng	99
72) Anthracene	17.55	178	782261	42.660	ng	100
73) Carbazole	17.83	167	755161	43.515	ng	98
74) Di-n-butylphthalate	18.36	149	880026	42.781	ng	100
75) Fluoranthene	19.47	202	979850	45.168	ng	100
77) Benzidine	19.66	184	354533	25.931	ng	98
78) Pyrene	19.83	202	973938	39.118	ng	100
80) Butylbenzylphthalate	20.70	149	435428	40.870	ng	96
81) Benzo(a)anthracene	21.67	228	938618	40.249	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	262224	29.559	ng	98
83) Chrysene	21.74	228	911075	40.651	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	620124	40.718	ng	98
85) Di-n-octyl phthalate	22.77	149	1071204	41.283	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1136211	41.450	ng	# 90
88) Benzo(b)fluoranthene	23.92	252	1001338	44.184	ng	98
89) Benzo(k)fluoranthene	23.99	252	959484	46.038	ng	98
90) Benzo(a)pyrene	24.82	252	976821	45.938	ng	98
91) Dibenzo(a,h)anthracene	28.79	278	918937	46.531	ng	97
92) Benzo(g,h,i)perylene	29.92	276	935736	46.104	ng	98

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

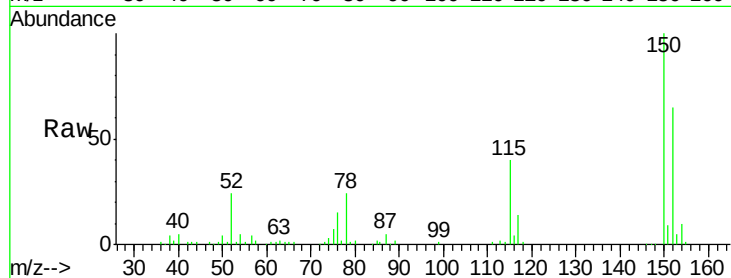


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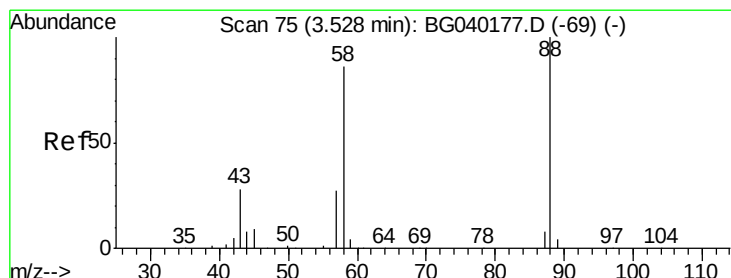
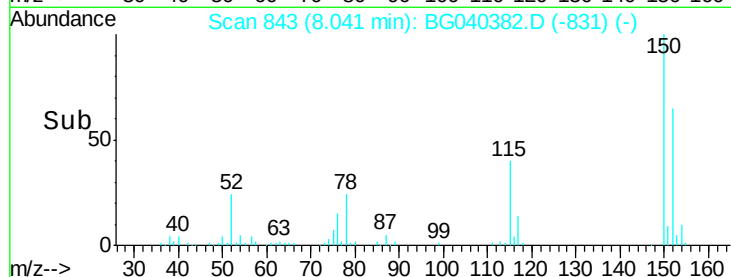
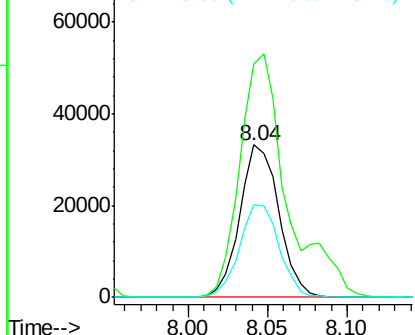
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion:152 Resp: 57138
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 60.8 46.9 70.3



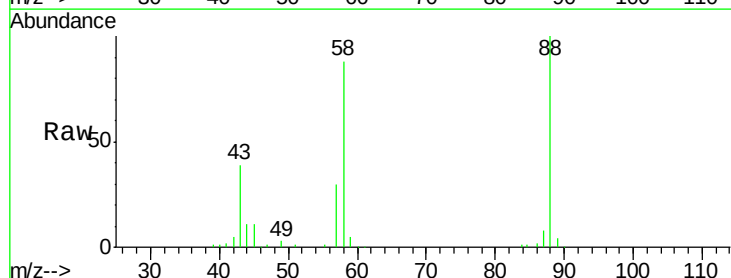
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



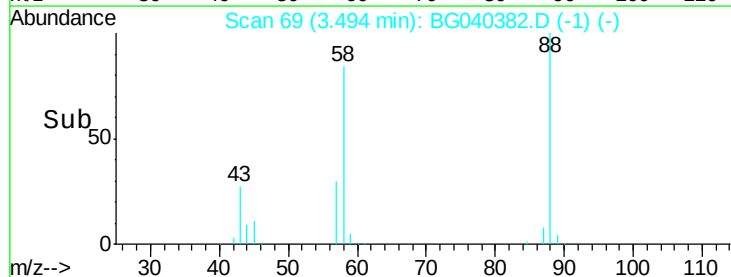
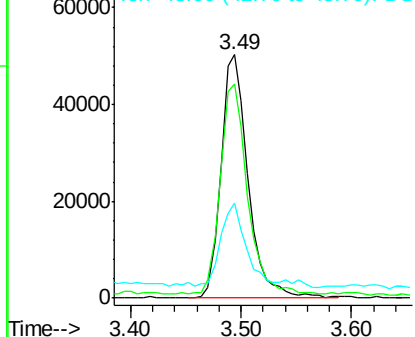
#2

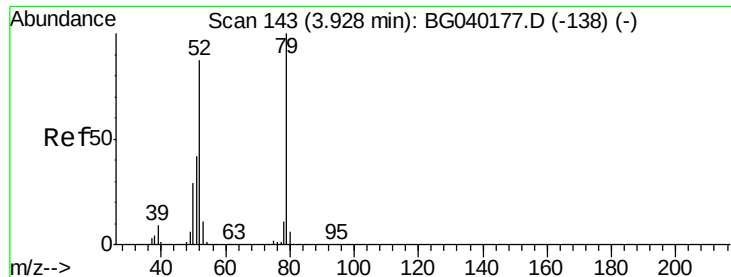
1,4-Dioxane
Concen: 53.349 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion: 88 Resp: 86220
Ion Ratio Lower Upper
88 100
58 86.6 70.6 106.0
43 31.6 24.8 37.2



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





#3

Pvridine

Concen: 37.068 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

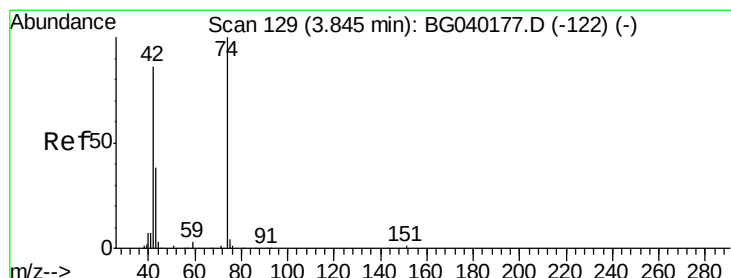
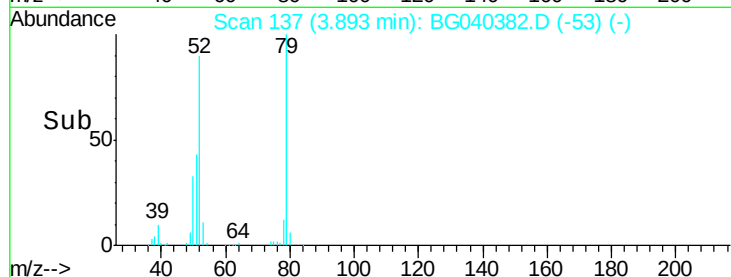
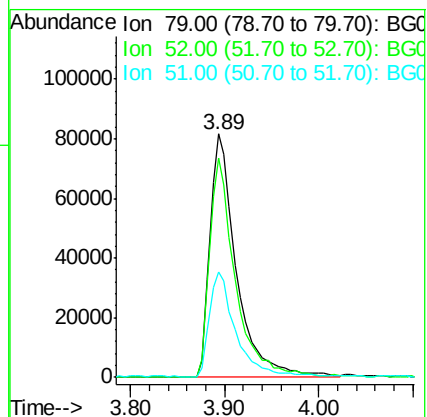
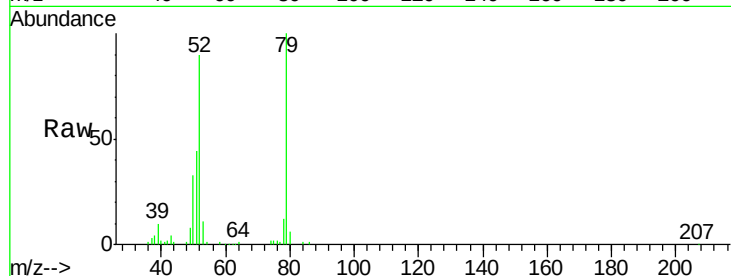
Tot Ion: 79 Resp: 161298

Ion Ratio Lower Upper

79 100

52 90.2 69.8 104.8

51 43.5 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.919 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

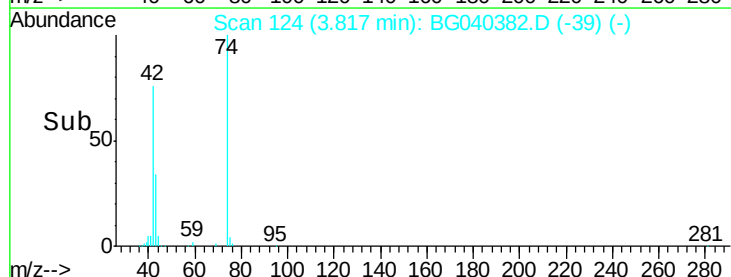
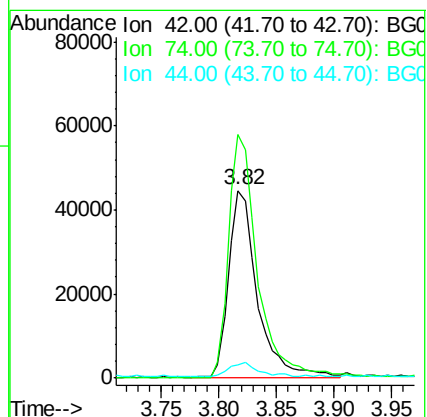
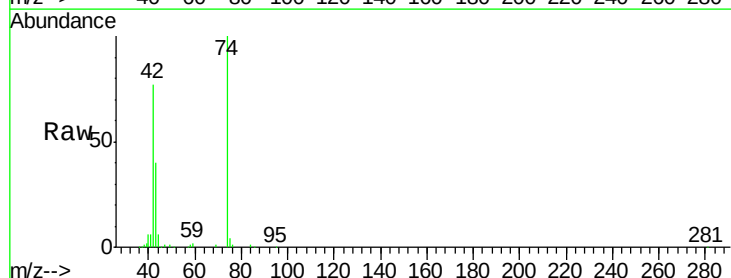
Tgt Ion: 42 Resp: 76324

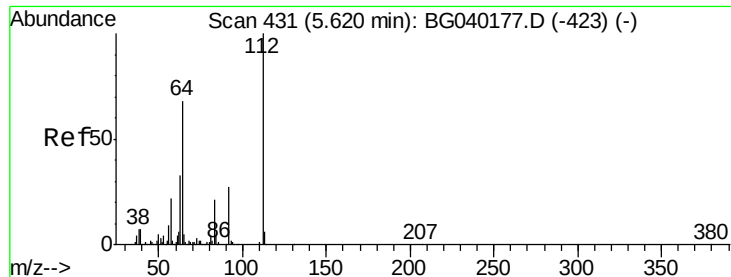
Ion Ratio Lower Upper

42 100

74 129.6 92.9 139.3

44 7.2 9.7 14.5#





#5

2-Fluorophenol

Concen: 134.689 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

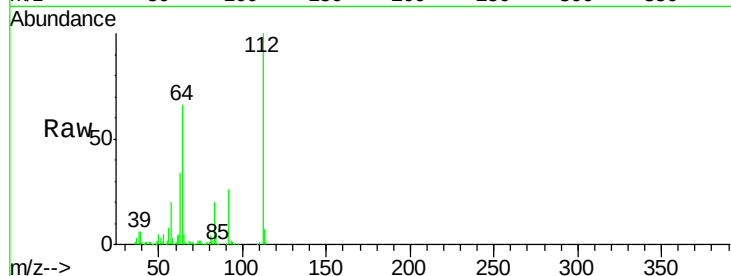
Tot Ion:112 Resp: 462933

Ion Ratio Lower Upper

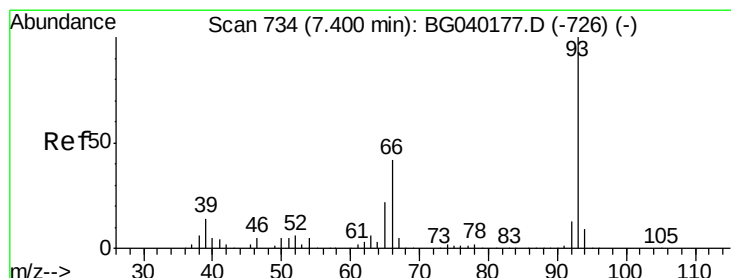
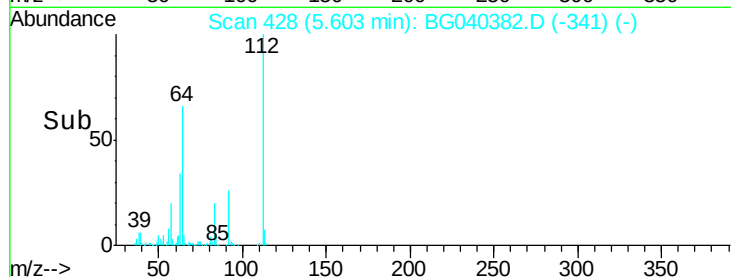
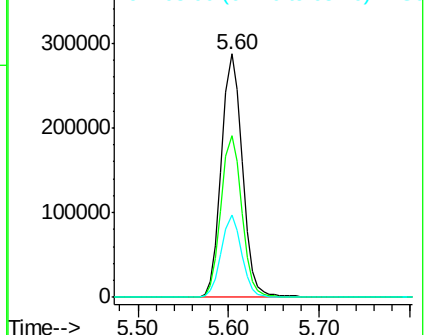
112 100

64 66.5 54.2 81.2

63 33.9 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.231 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

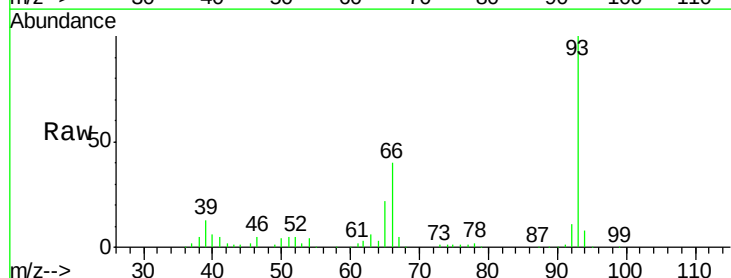
Tgt Ion: 93 Resp: 168052

Ion Ratio Lower Upper

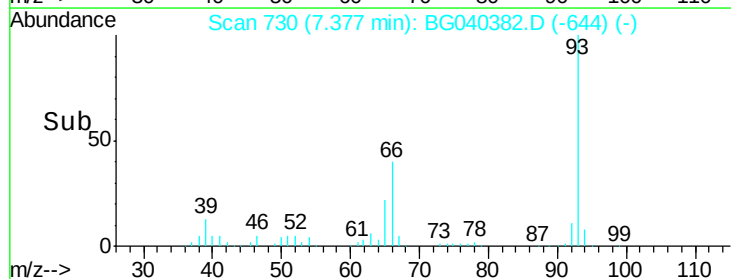
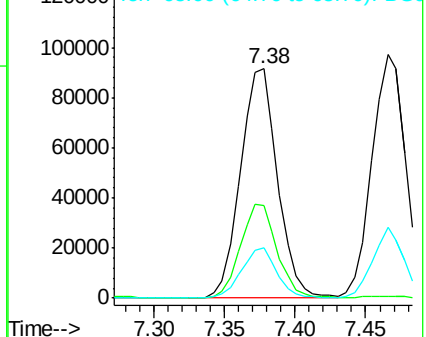
93 100

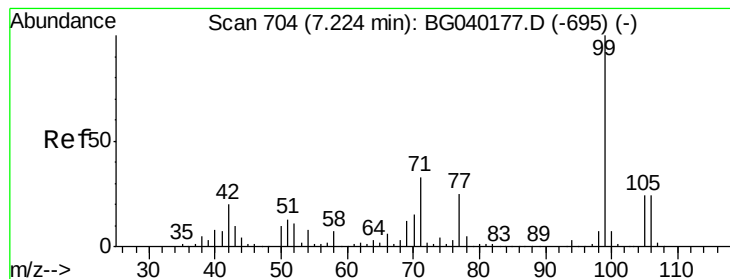
66 40.2 33.6 50.4

65 21.7 17.4 26.2



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: 131.294 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

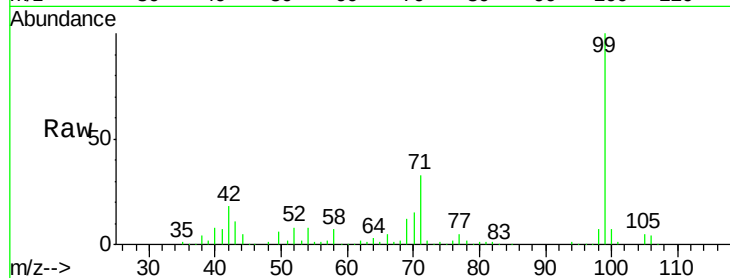
Tot Ion: 99 Resp: 623653

Ion Ratio Lower Upper

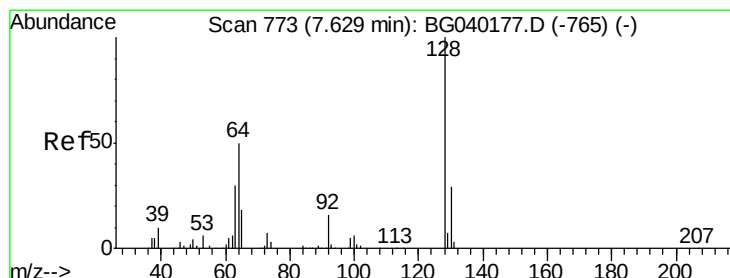
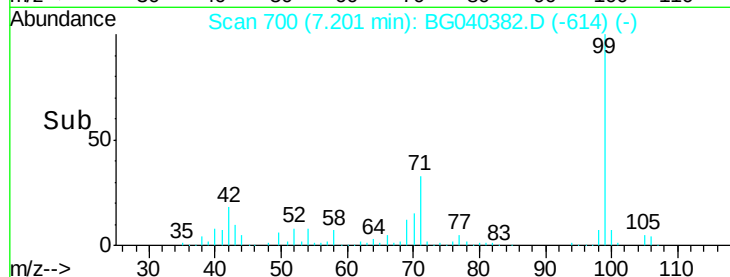
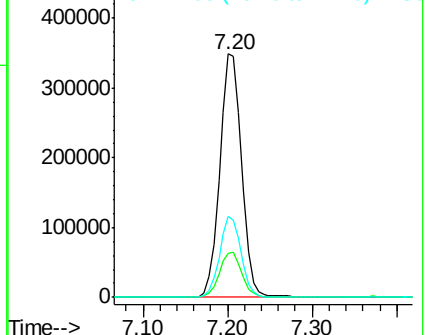
99 100

42 18.1 16.2 24.2

71 33.2 26.8 40.2



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: 41.488 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

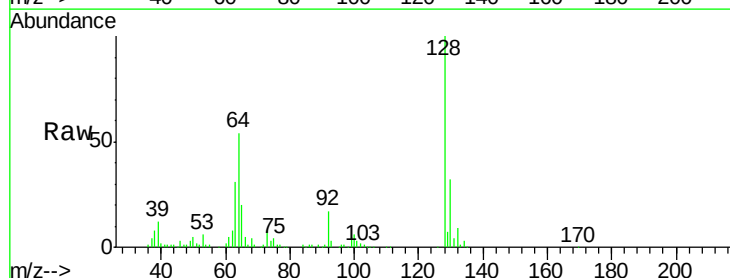
Tgt Ion: 128 Resp: 166924

Ion Ratio Lower Upper

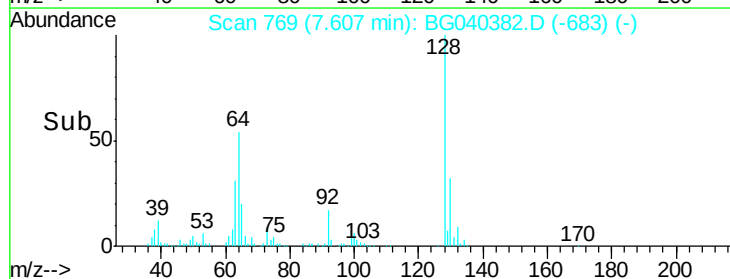
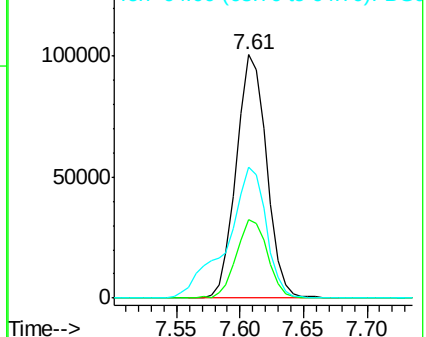
128 100

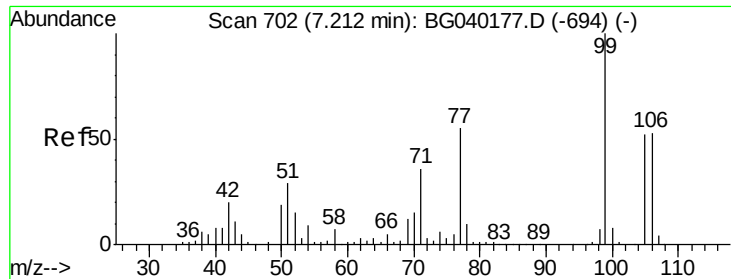
130 32.3 9.1 49.1

64 53.7 33.1 73.1



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: 14.181 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

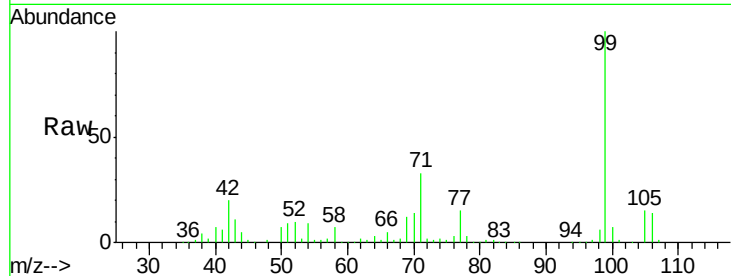
Tot Ion: 77 Resp: 46207

Ion Ratio Lower Upper

77 100

105 97.2 75.0 115.0

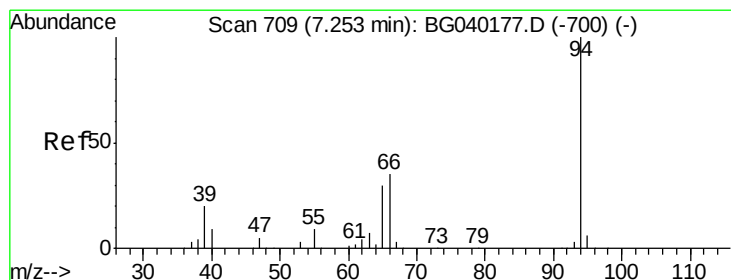
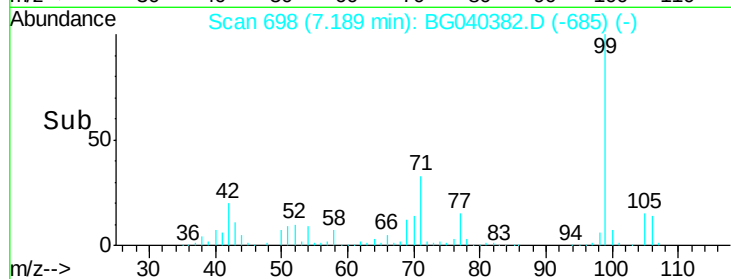
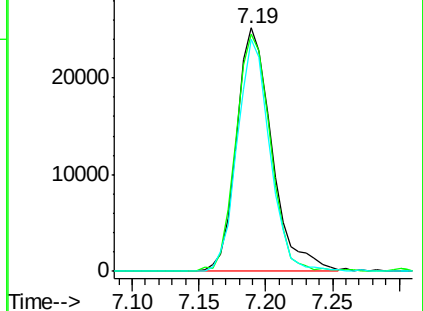
106 95.1 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.480 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

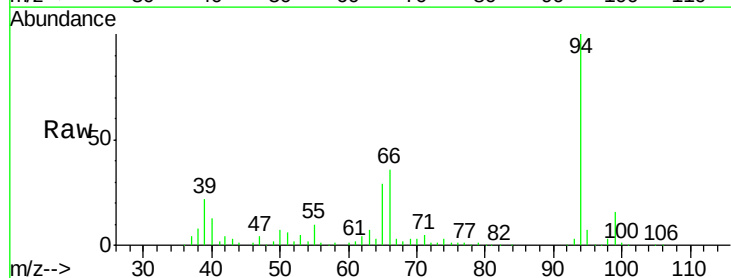
Tgt Ion: 94 Resp: 219017

Ion Ratio Lower Upper

94 100

65 28.5 10.5 50.5

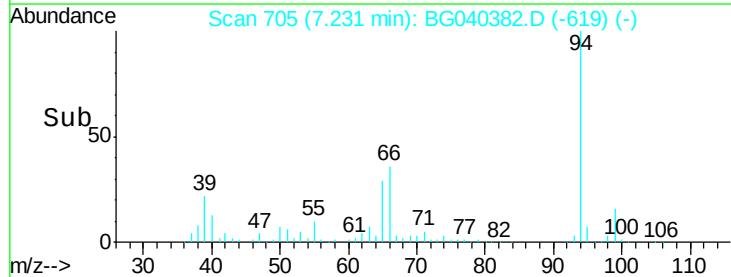
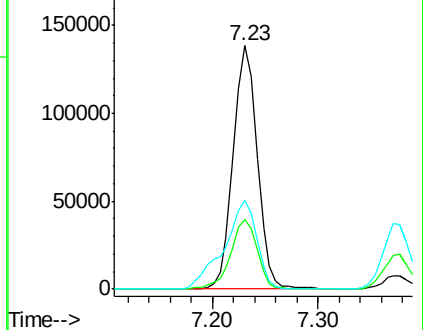
66 36.3 16.9 56.9

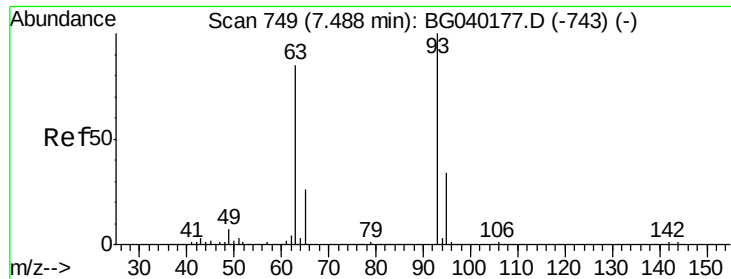


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

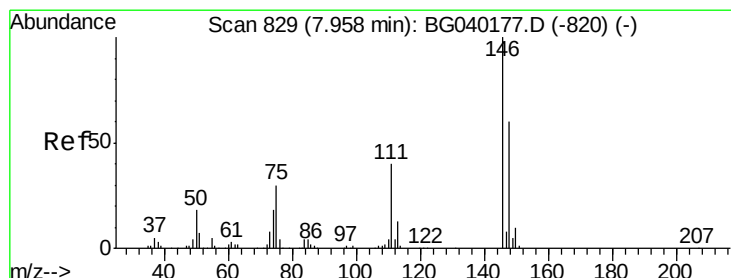
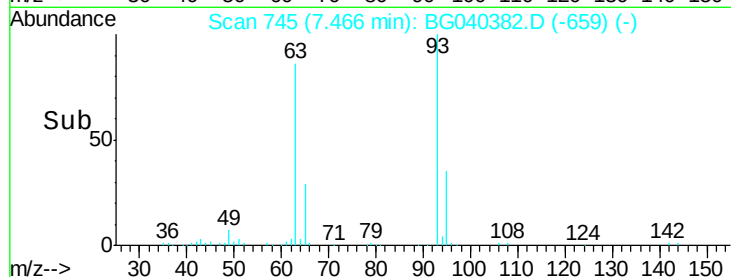
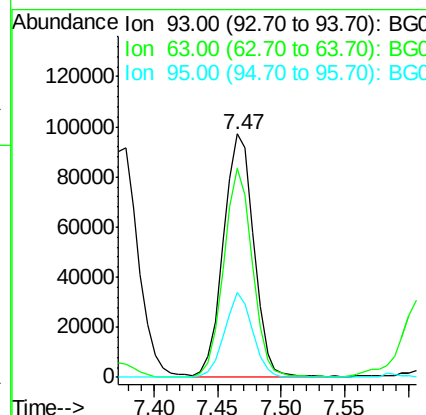
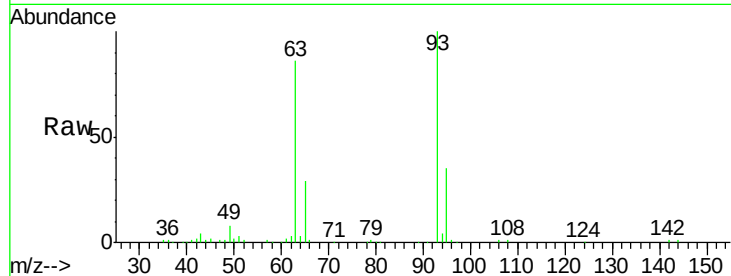




#11
 bis(2-Chloroethyl)ether
 Concen: 39.373 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

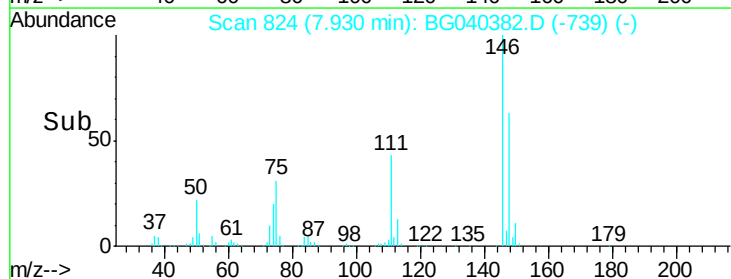
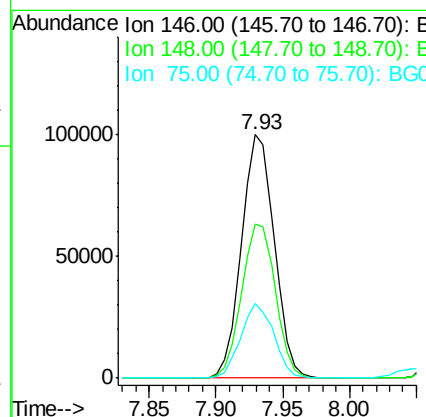
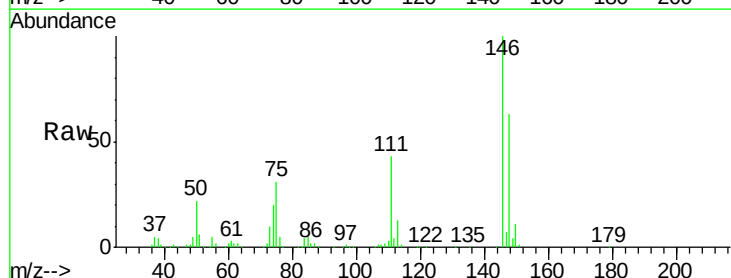
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

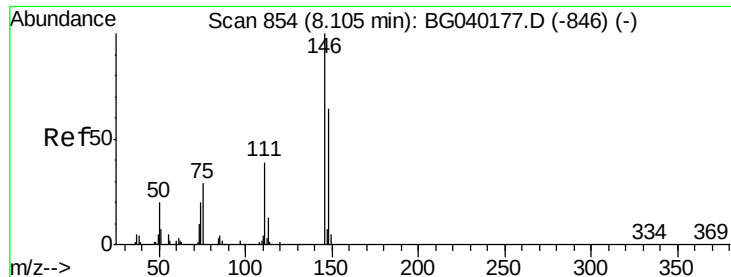
Tot Ion: 93 Resp: 162592
 Ion Ratio Lower Upper
 93 100
 63 85.8 64.2 104.2
 95 34.9 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 38.940 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion: 146 Resp: 170311
 Ion Ratio Lower Upper
 146 100
 148 63.3 48.2 72.2
 75 30.8 24.1 36.1

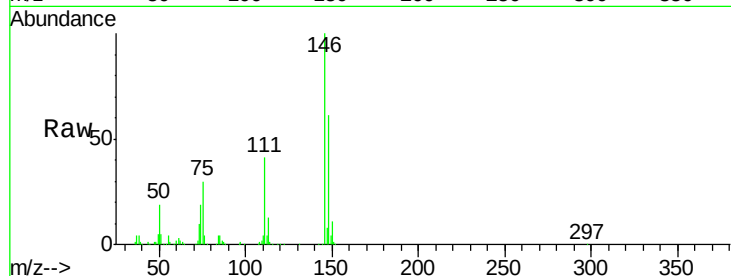




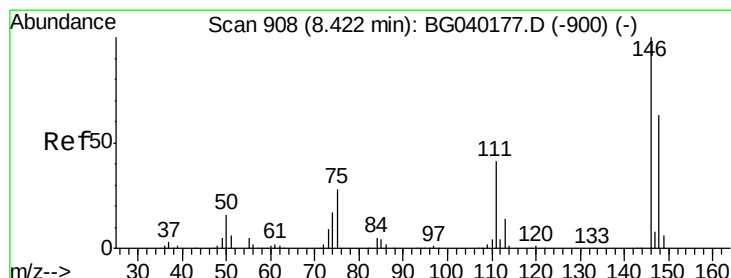
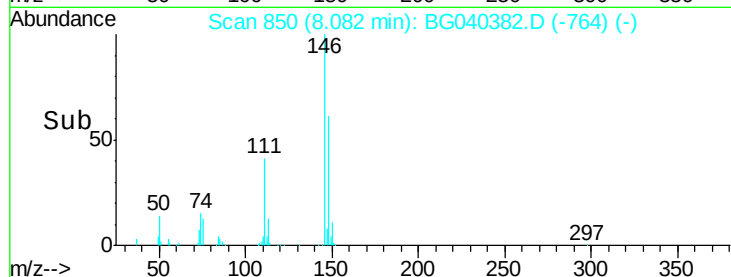
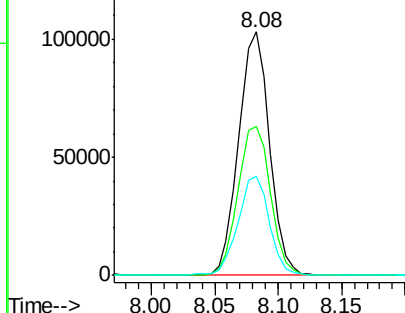
#13
 1,4-Dichlorobenzene
 Concen: 40.065 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

Tot Ion:146 Resp: 174526
 Ion Ratio Lower Upper
 146 100
 148 61.1 51.0 76.4
 111 40.9 31.8 47.6

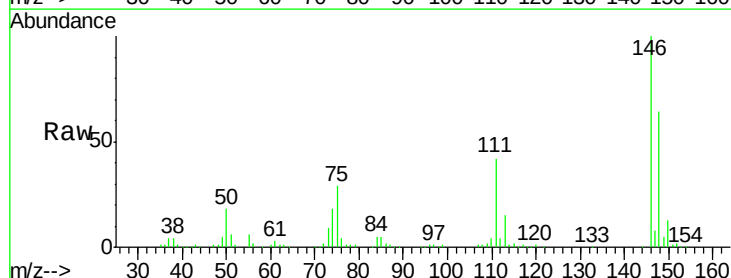


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

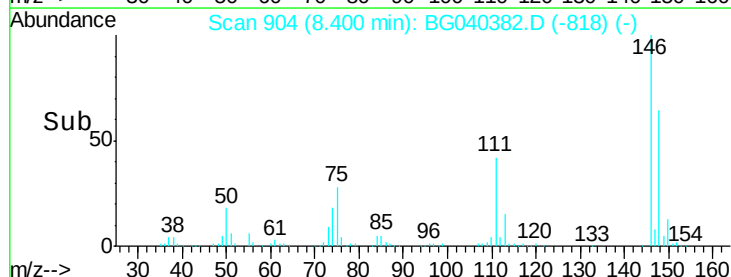
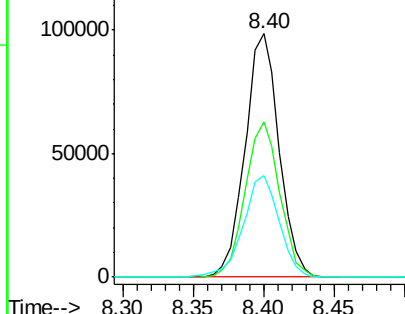


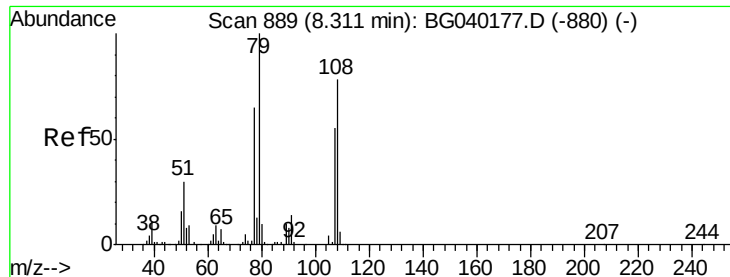
#14
 1,2-Dichlorobenzene
 Concen: 39.922 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion:146 Resp: 166306
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 41.7 33.4 50.0



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: 38.037 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleID :

PB118644BS

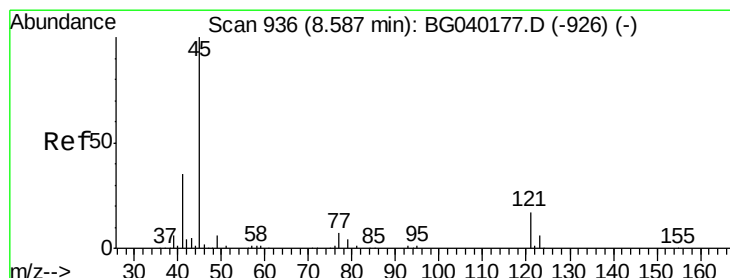
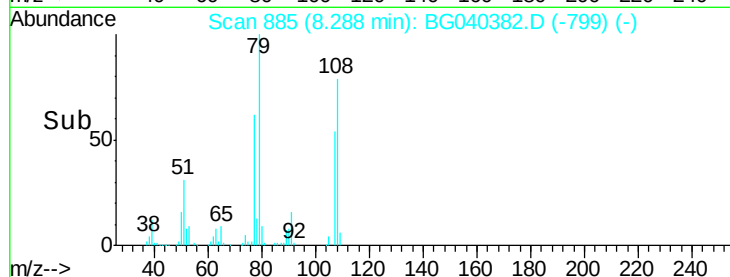
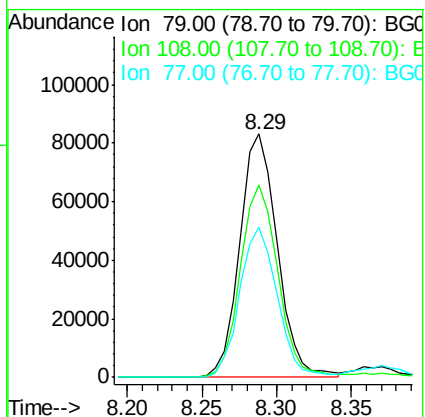
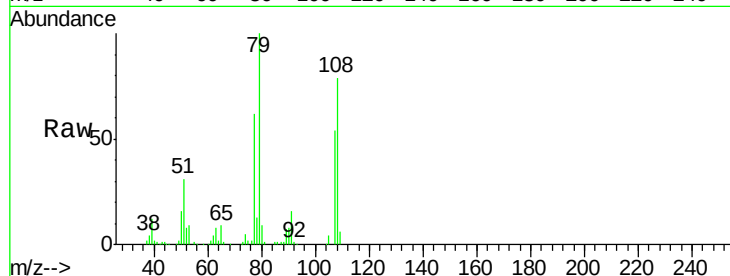
Tot Ion: 79 Resp: 145510

Ion Ratio Lower Upper

79 100

108 79.1 62.1 93.1

77 61.9 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.384 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

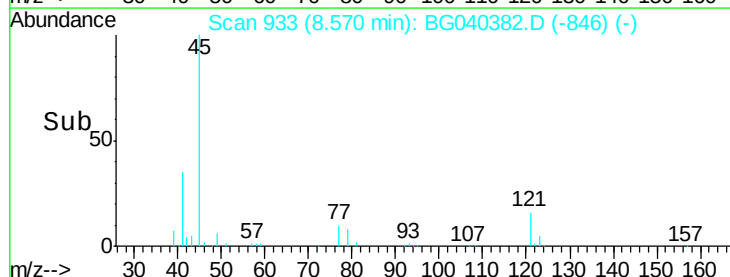
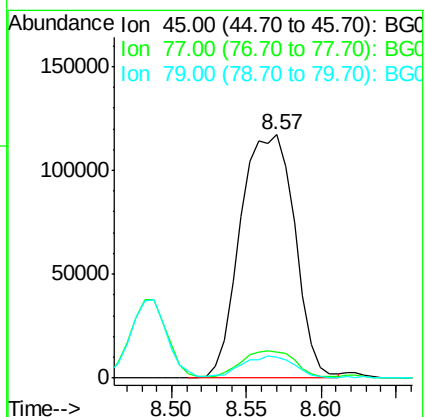
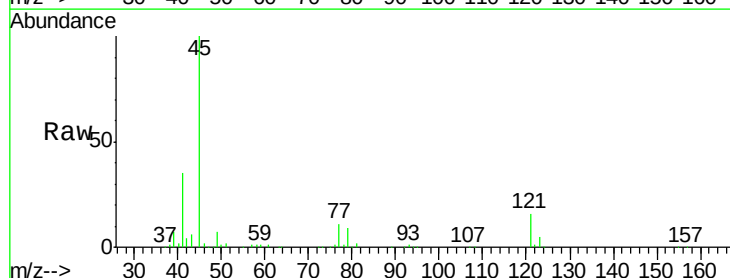
Tgt Ion: 45 Resp: 296281

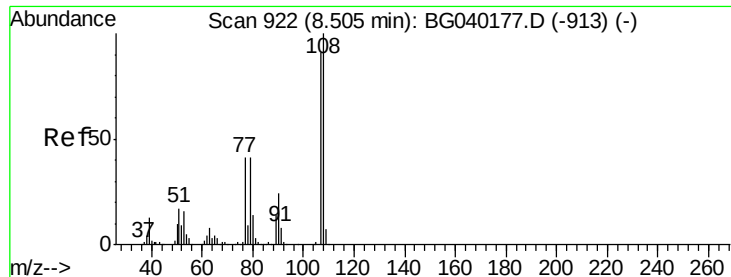
Ion Ratio Lower Upper

45 100

77 10.9 0.0 31.4

79 8.6 0.0 28.3





#17

2-Methylphenol

Concen: 41.308 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

Tot Ion:107 Resp: 147373

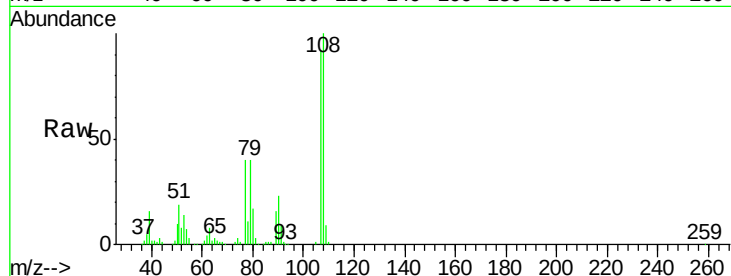
Ion Ratio Lower Upper

107 100

108 108.9 88.2 132.4

77 43.9 36.6 55.0

79 43.1 36.5 54.7

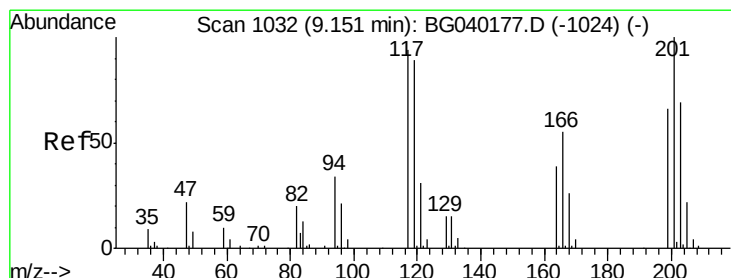
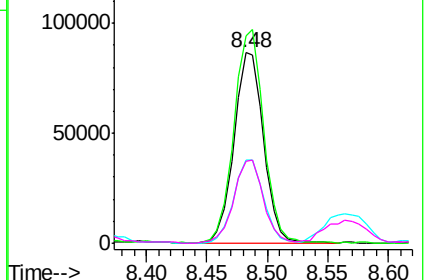
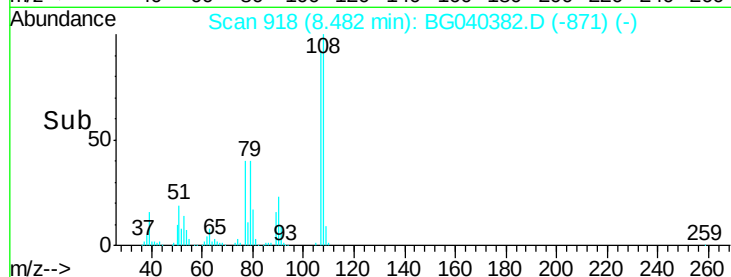


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.399 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

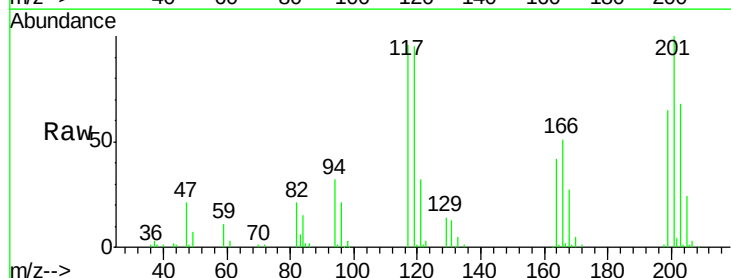
Tgt Ion:117 Resp: 63626

Ion Ratio Lower Upper

117 100

119 98.3 76.6 115.0

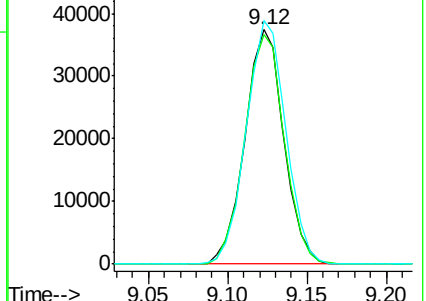
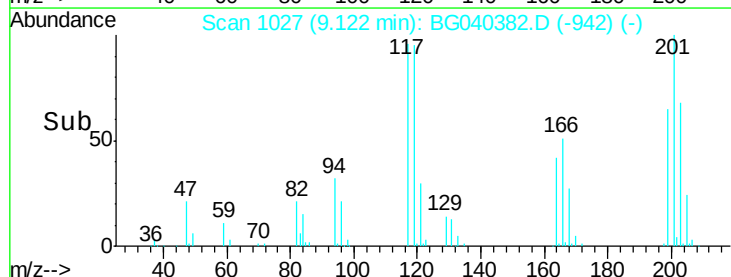
201 104.0 85.0 127.4

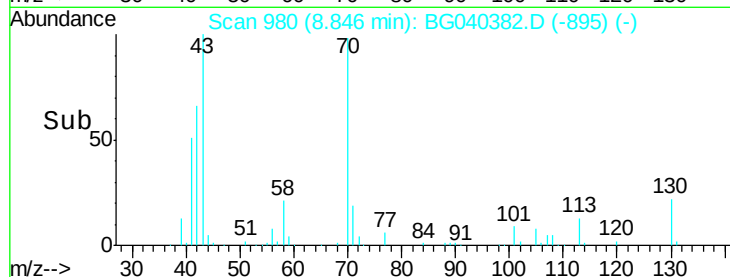
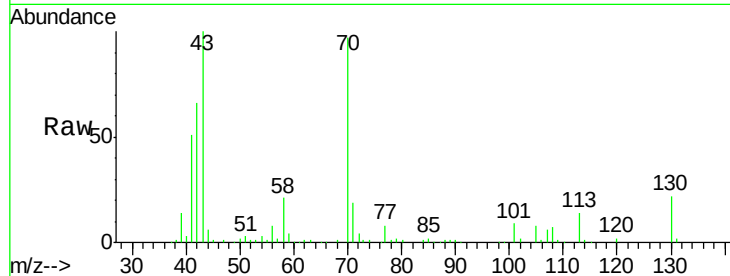
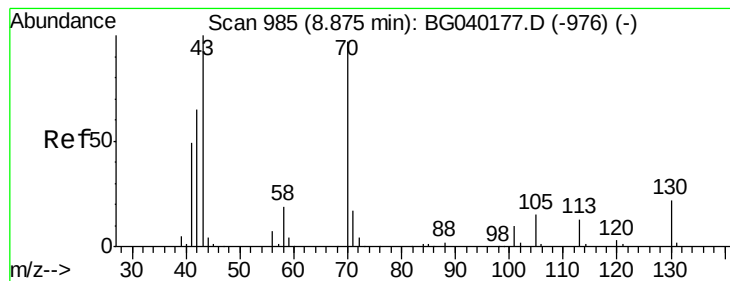


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.887 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

Tot Ion: 70 Resp: 125626

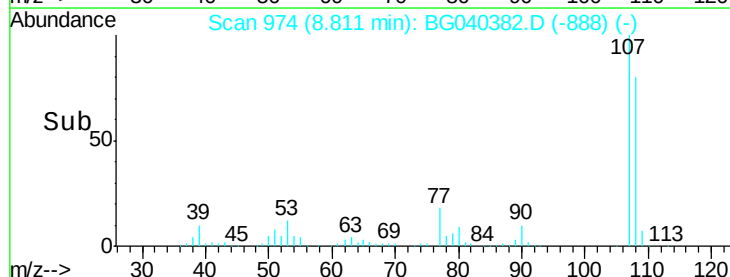
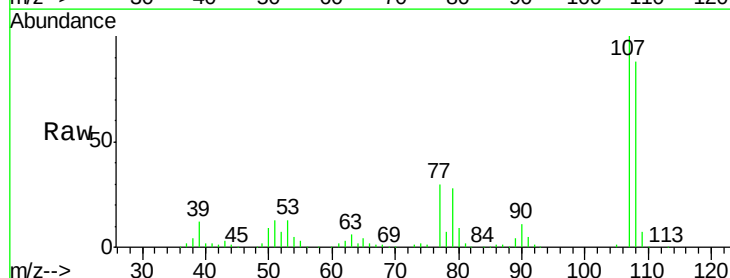
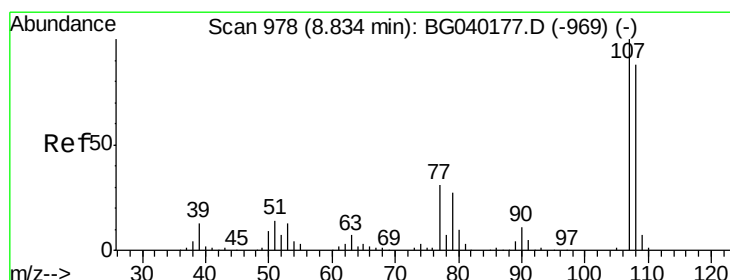
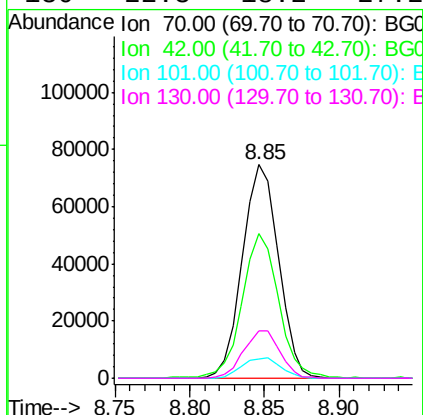
Ion Ratio Lower Upper

70 100

42 67.5 54.0 81.0

101 9.2 8.6 13.0

130 22.3 18.2 27.2



#20

3+4-Methylphenols

Concen: 41.439 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tgt Ion: 107 Resp: 200279

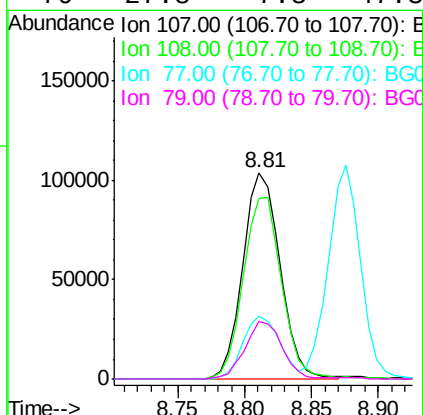
Ion Ratio Lower Upper

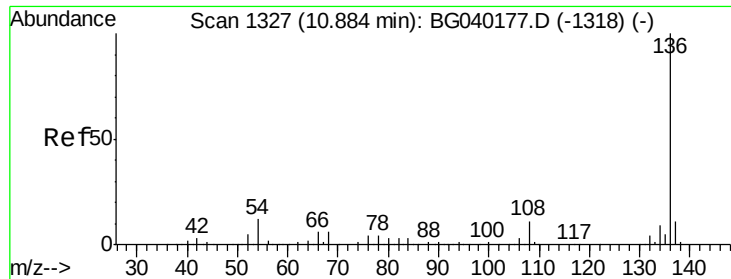
107 100

108 87.5 68.3 108.3

77 30.3 11.3 51.3

79 27.8 7.3 47.3

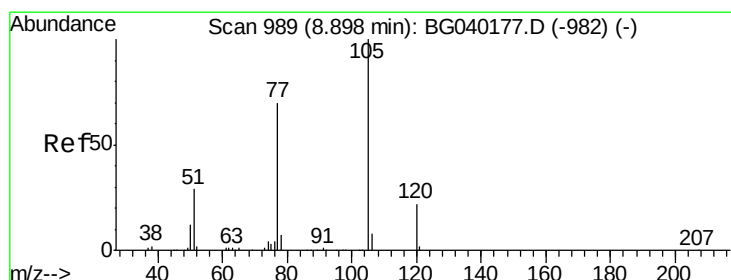
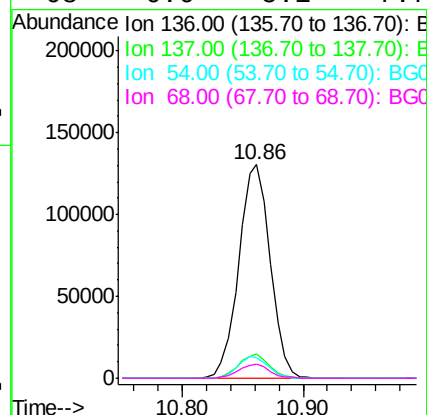
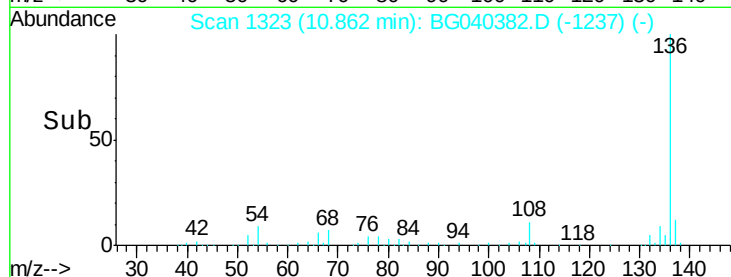
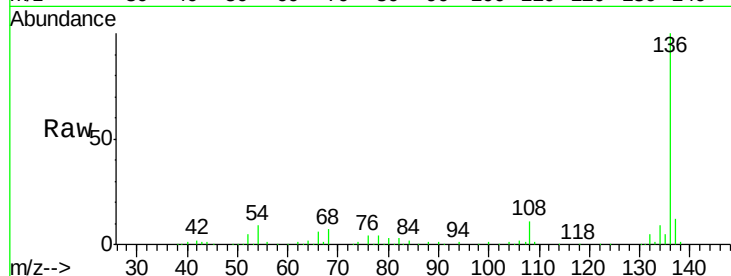




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

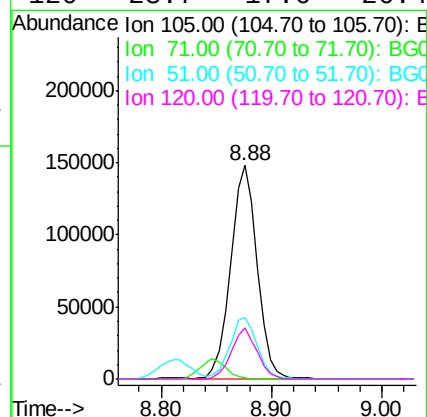
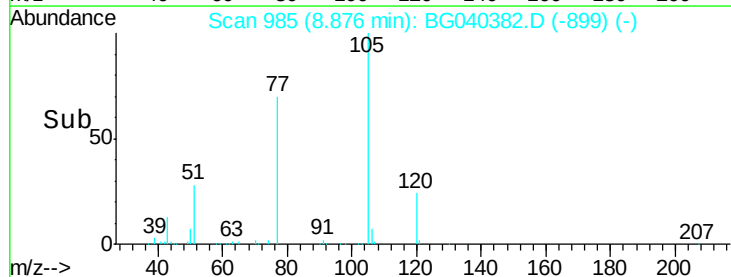
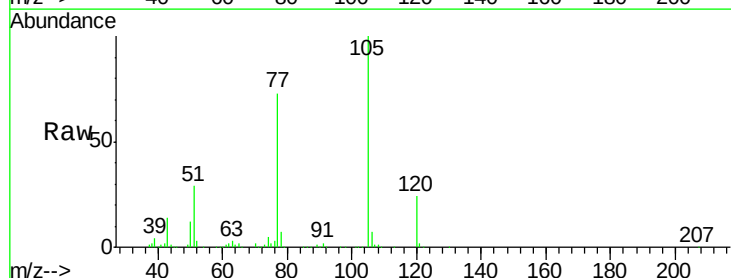
Instrument :
BNA_G
ClientSampleId :
PB118644BS

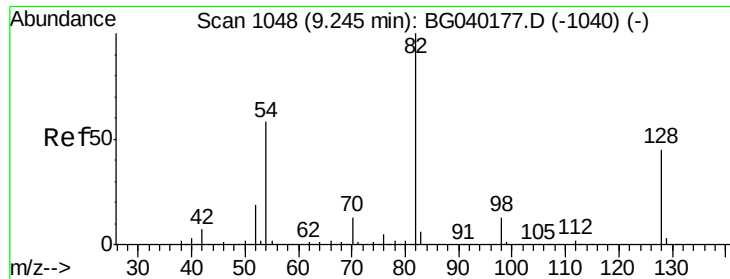
Tot Ion:136	Resp:	235373
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.9 13.3
54	9.4	9.6 14.4#
68	6.6	5.1 7.7



#22
Acetophenone
Concen: 42.307 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion:105	Resp:	248399
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	28.9	25.1 37.7
120	23.7	17.6 26.4

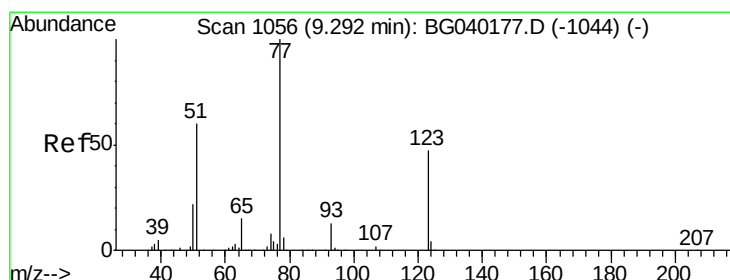
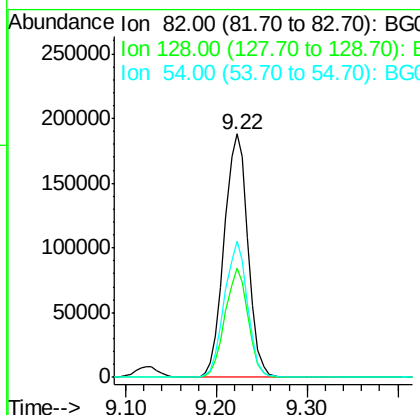
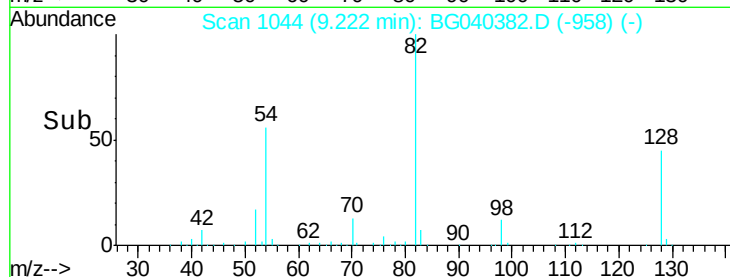
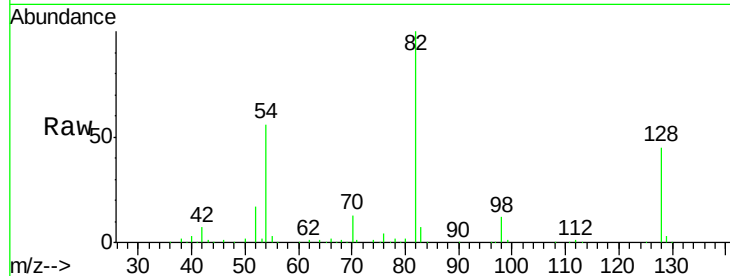




#23
 Nitrobenzene-d5
 Concen: 77.377 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

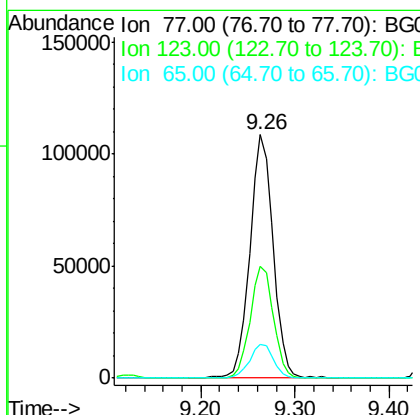
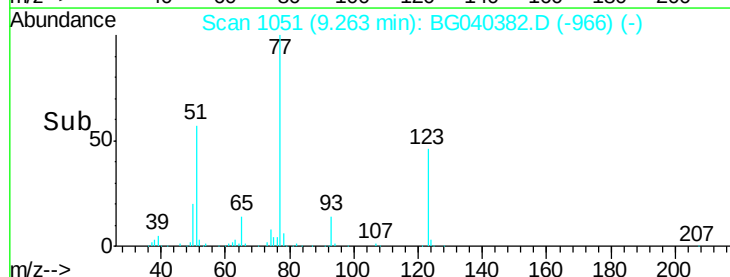
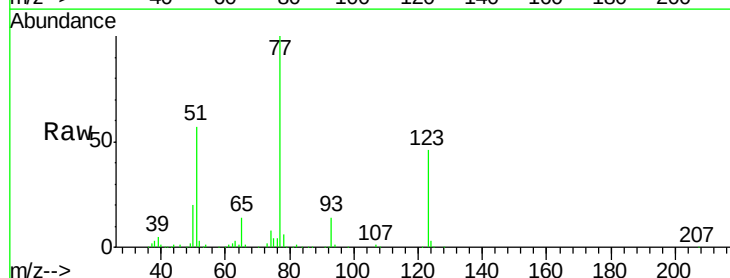
Instrument :
 BNA_G
 ClientSampleID :
 PB118644BS

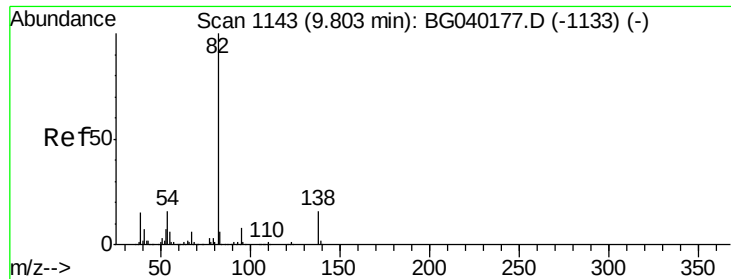
Tot Ion: 82 Resp: 342639
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.8 53.8
 54 56.0 46.2 69.2



#24
 Nitrobenzene
 Concen: 40.653 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion: 77 Resp: 186414
 Ion Ratio Lower Upper
 77 100
 123 45.8 37.8 56.6
 65 13.9 12.0 18.0





#25

Isophorone

Concen: 39.262 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

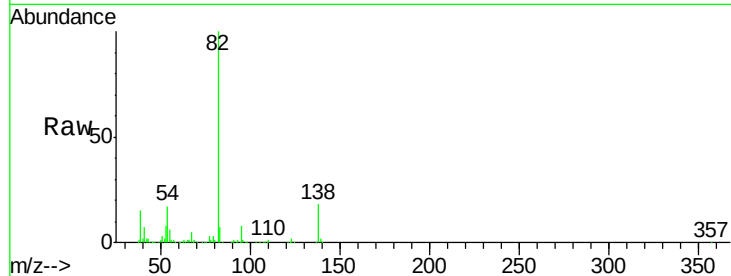
Tot Ion: 82 Resp: 357731

Ion Ratio Lower Upper

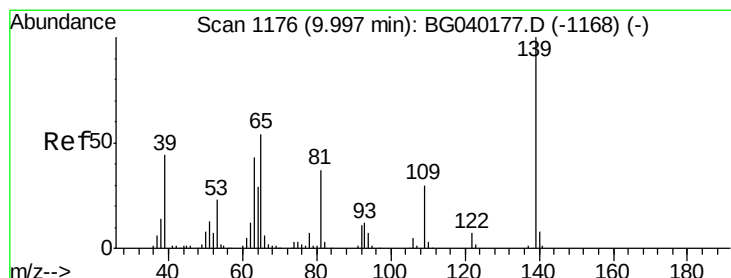
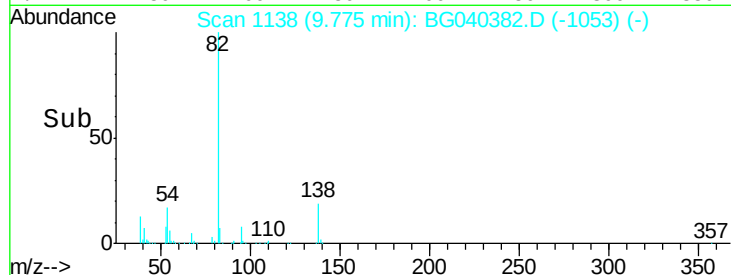
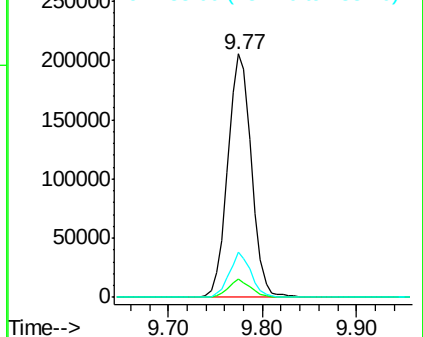
82 100

95 7.7 6.1 9.1

138 18.4 13.2 19.8



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



#26

2-Nitrophenol

Concen: 40.682 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

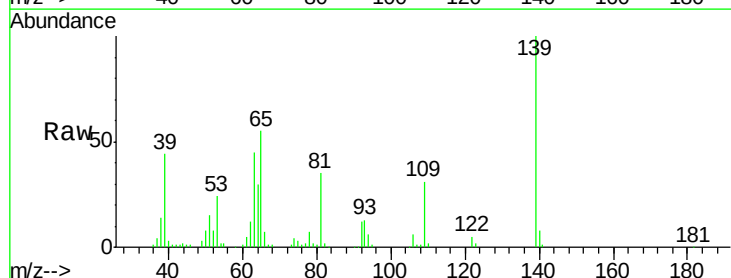
Tgt Ion: 139 Resp: 88393

Ion Ratio Lower Upper

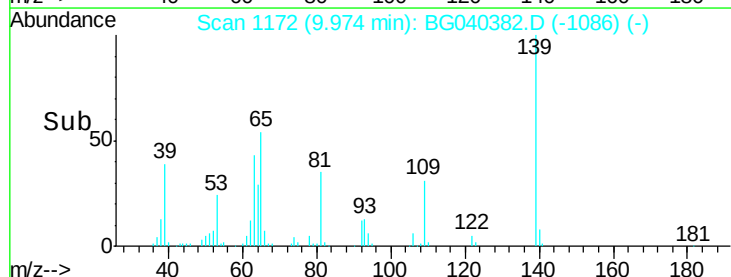
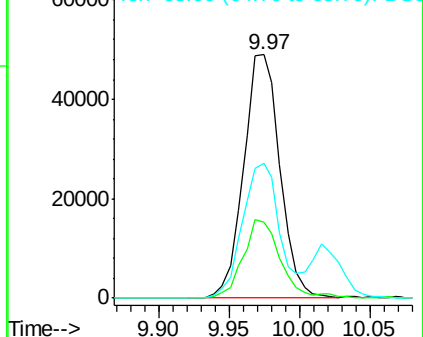
139 100

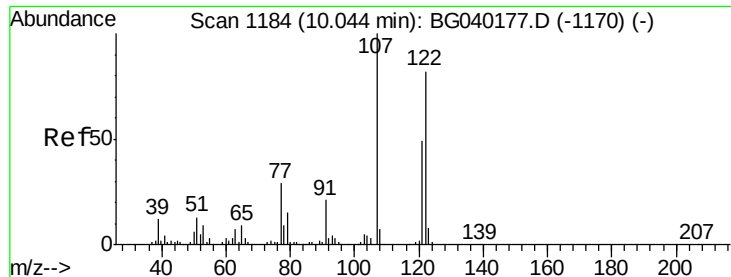
109 31.4 24.1 36.1

65 55.2 43.0 64.6



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

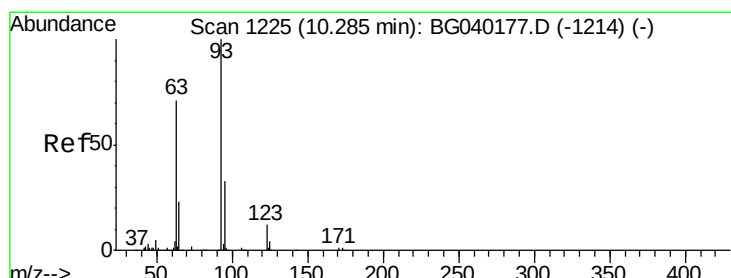
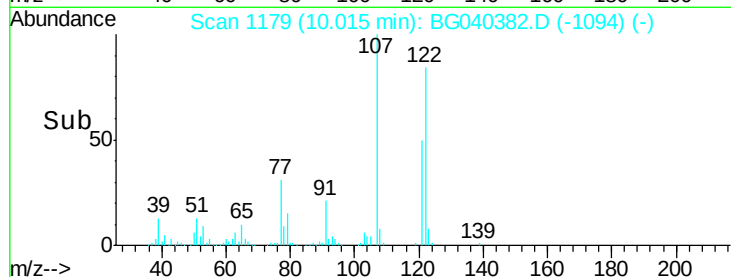
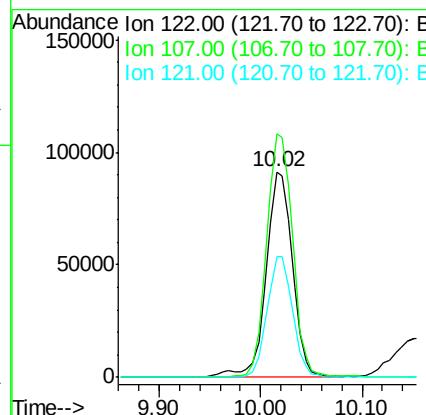
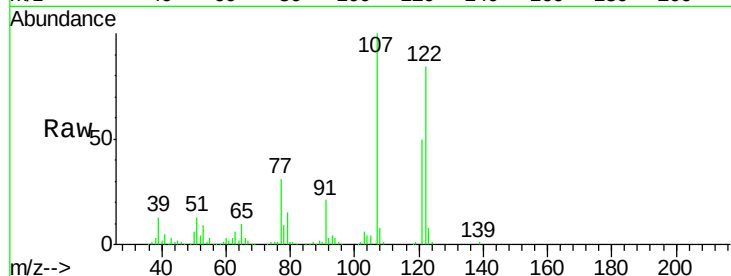




#27
 2,4-Dimethylphenol
 Concen: 47.840 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

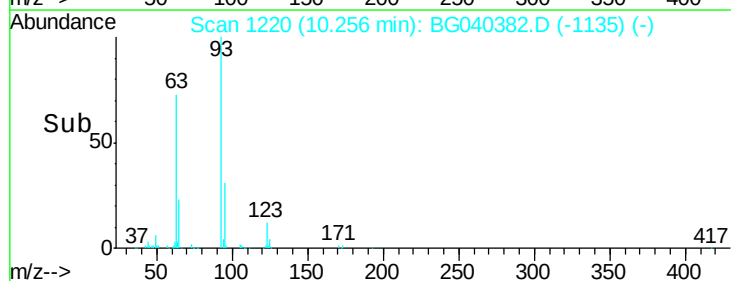
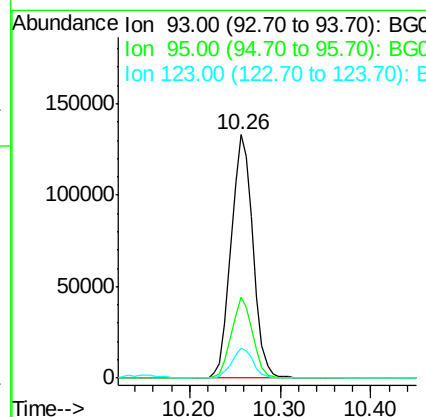
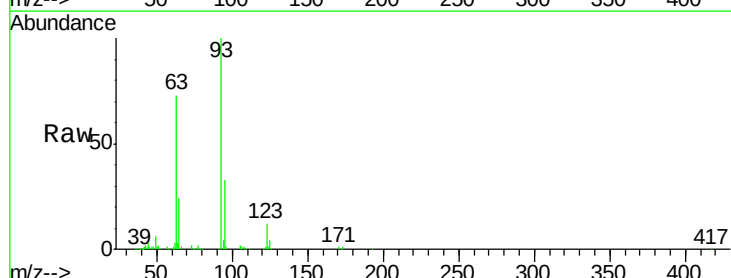
Instrument :
 BNA_G
 ClientSampled :
 PB118644BS

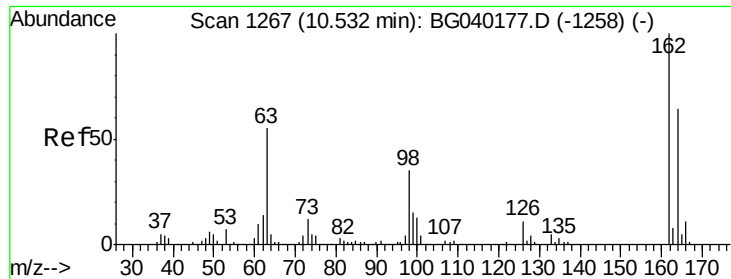
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	97.4	146.2
121	58.8	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.236 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.4
123	12.5	9.4	14.0

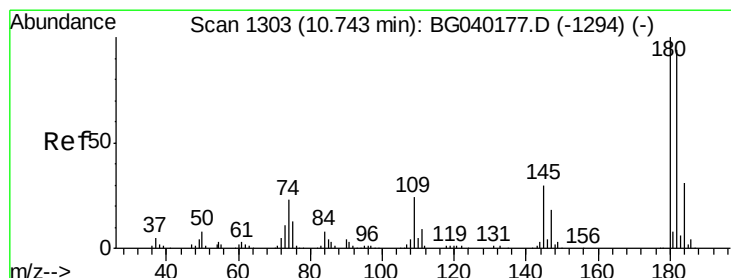
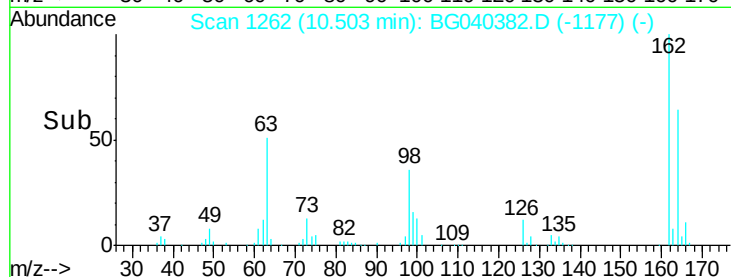
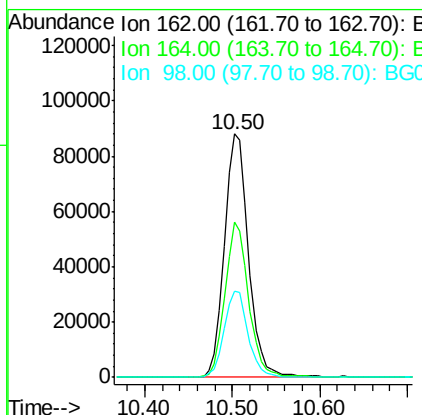
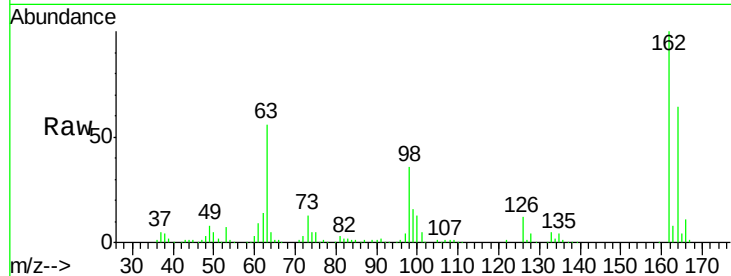




#29
 2,4-Dichlorophenol
 Concen: 44.450 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

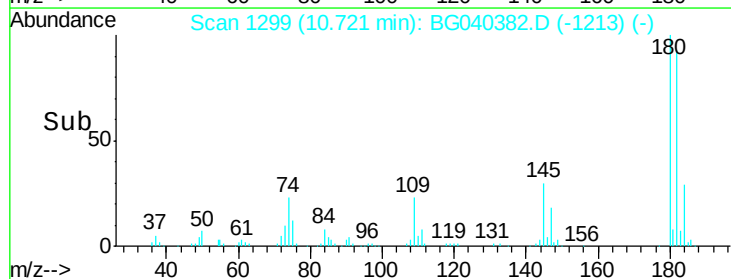
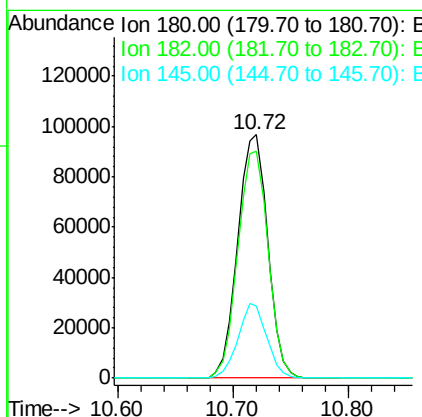
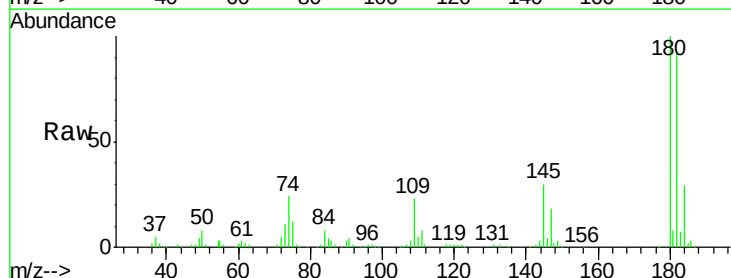
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

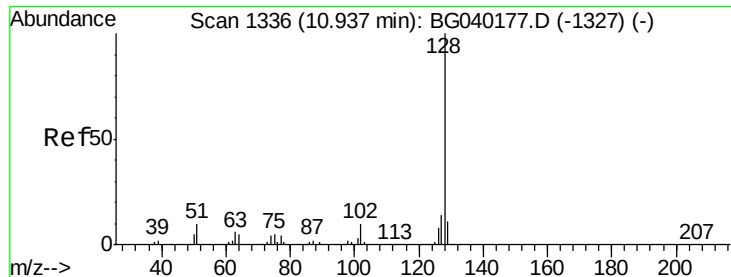
Tot Ion:162 Resp: 166518
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.9 83.9
 98 35.6 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.427 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion:180 Resp: 174521
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.1 112.7
 145 29.7 24.1 36.1

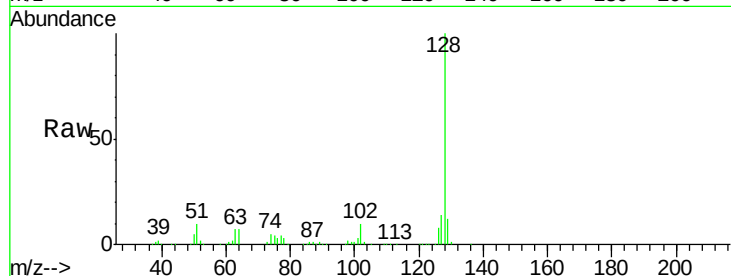




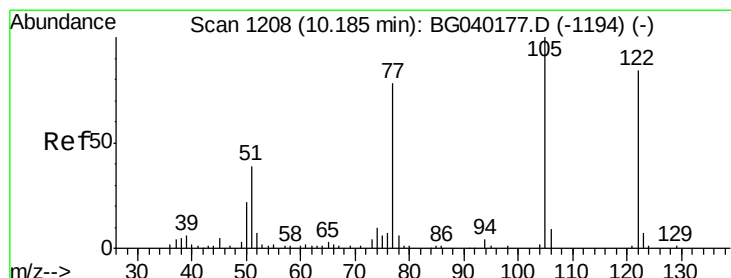
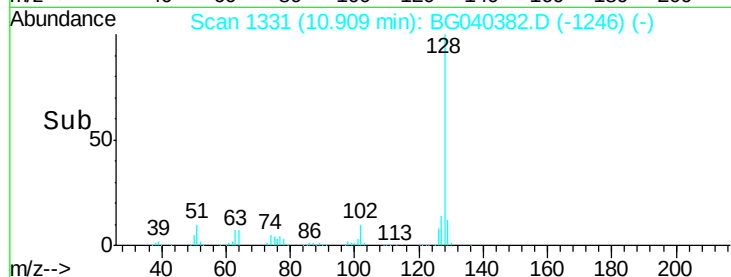
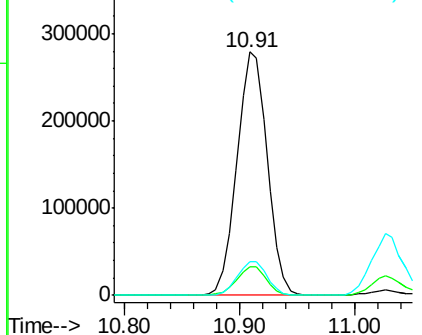
#31
Naphthalene
Concen: 41.997 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion:128 Resp: 506672
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.6 11.4 17.0

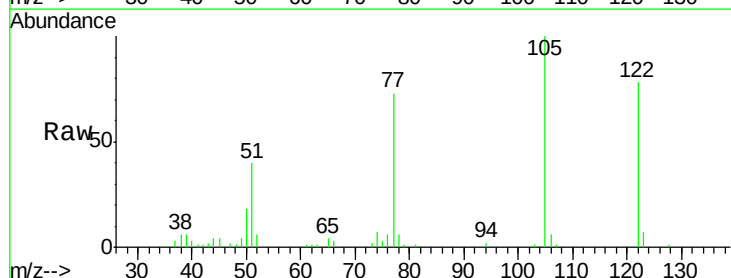


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

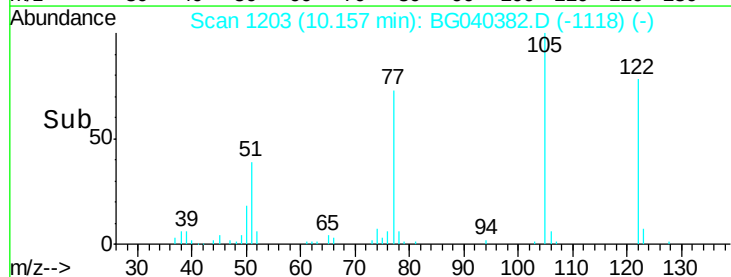
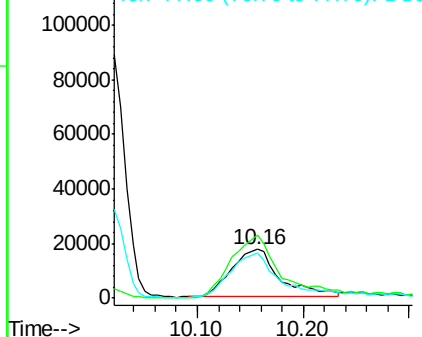


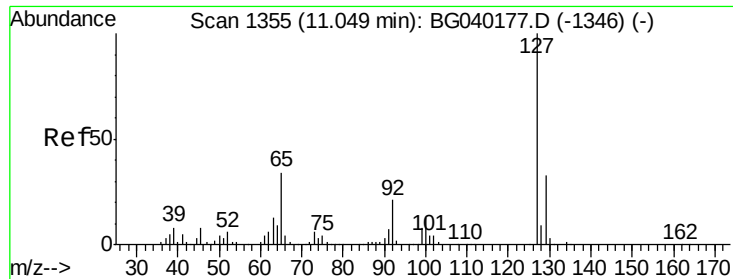
#32
Benzoic acid
Concen: 27.090 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion:122 Resp: 56491
Ion Ratio Lower Upper
122 100
105 128.1 98.2 138.2
77 93.2 73.6 113.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

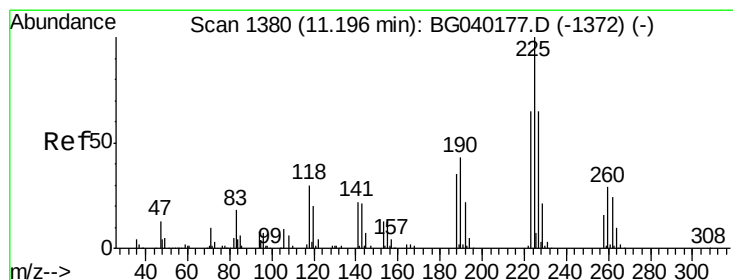
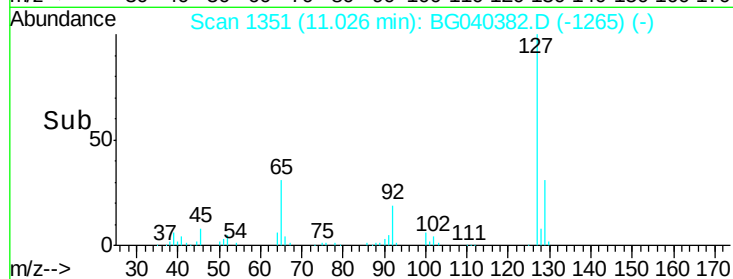
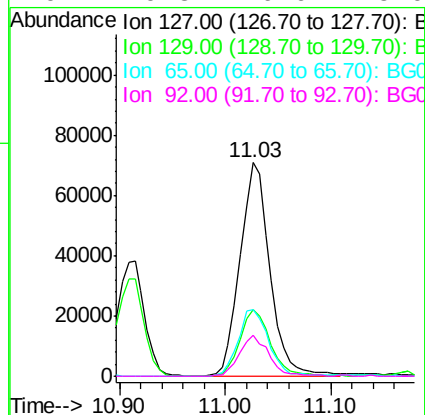
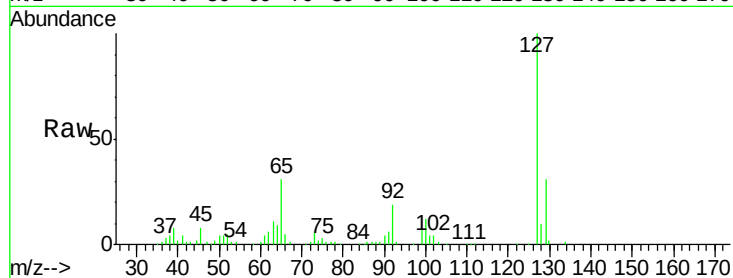




#33
4-Chloroaniline
Concen: 26.983 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

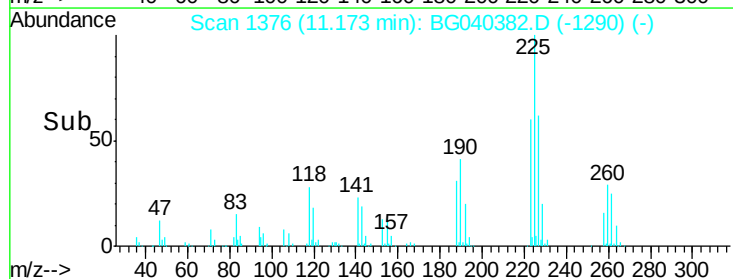
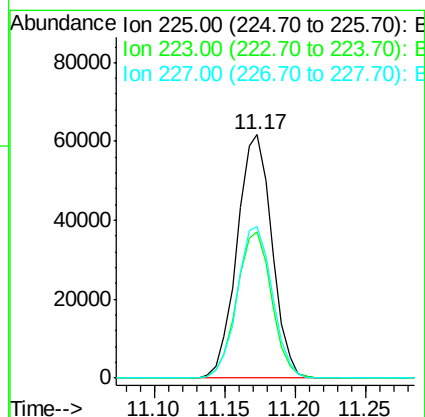
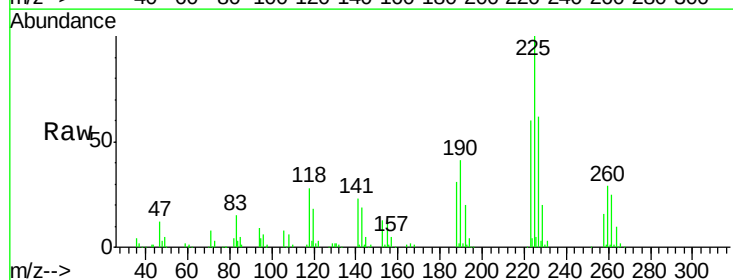
Instrument :
BNA_G
ClientSampleId :
PB118644BS

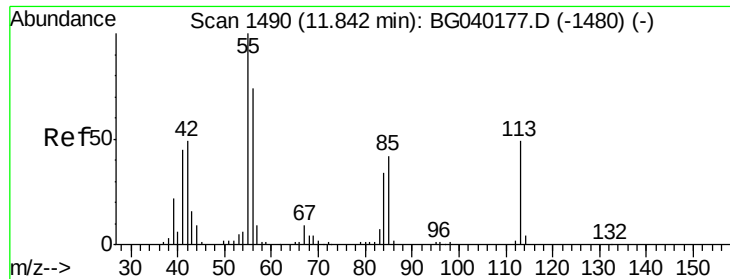
Tot Ion:	127	Resp:	138862
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.6	40.0
65	30.9	27.0	40.4
92	19.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.416 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion:	225	Resp:	106324
Ion	Ratio	Lower	Upper
225	100		
223	60.2	51.8	77.8
227	64.7	54.9	82.3





#35

Caprolactam

Concen: 26.462 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

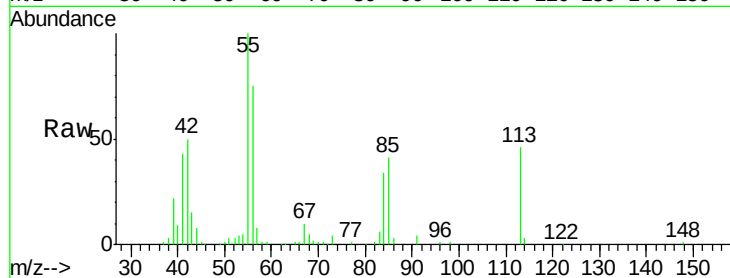
Tot Ion:113 Resp: 39340

Ion Ratio Lower Upper

113 100

55 218.4 184.2 224.2

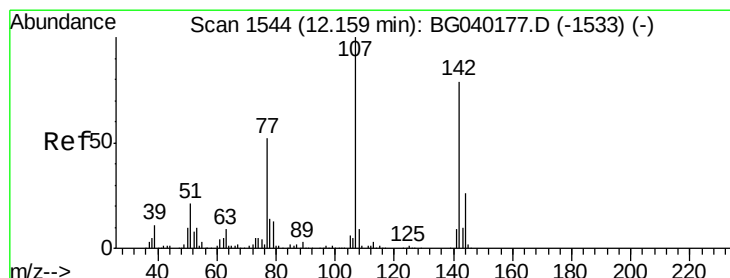
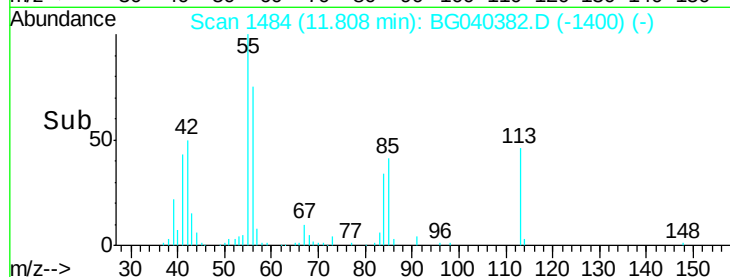
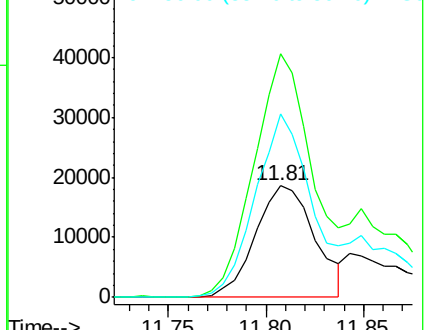
56 164.0 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.077 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

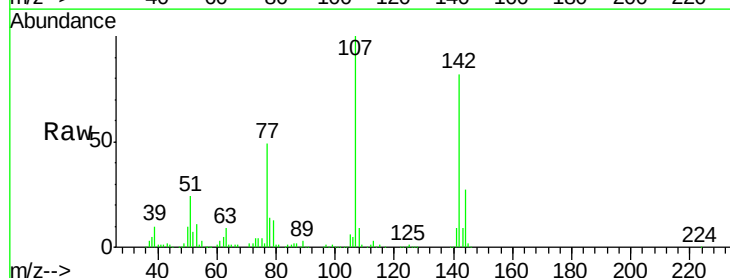
Tgt Ion:107 Resp: 181214

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

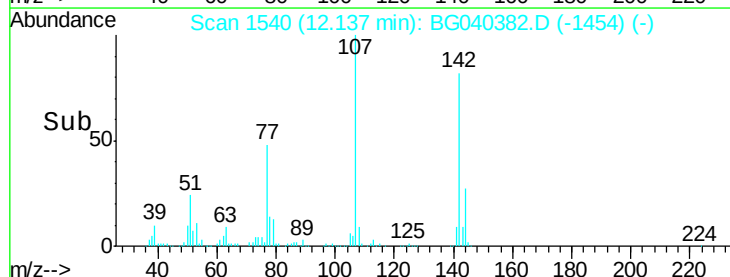
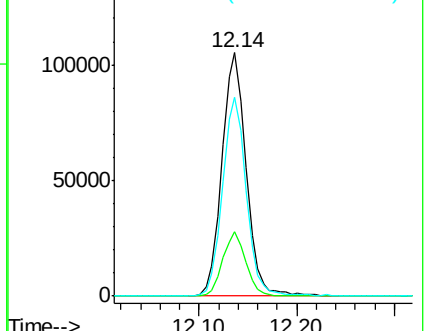
142 81.7 63.1 94.7

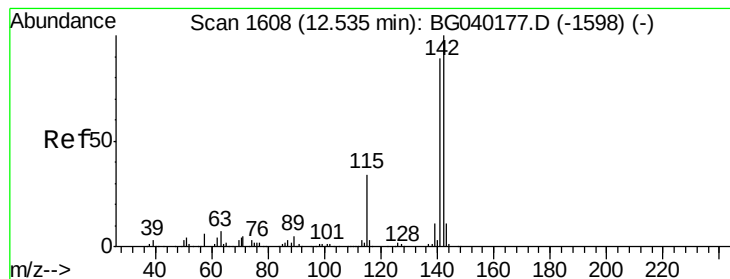


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.706 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

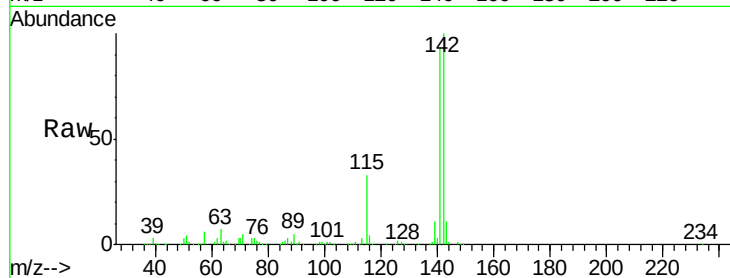
Tot Ion:142 Resp: 372132

Ion Ratio Lower Upper

142 100

141 92.8 71.0 106.6

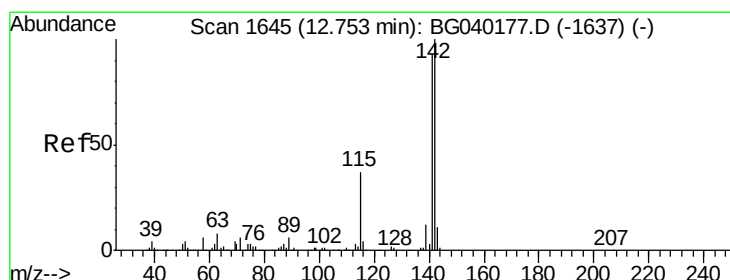
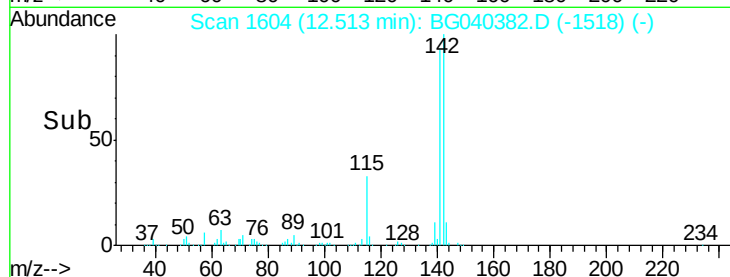
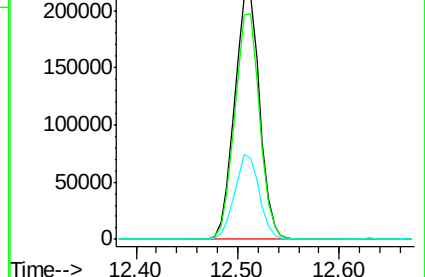
115 33.2 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.841 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

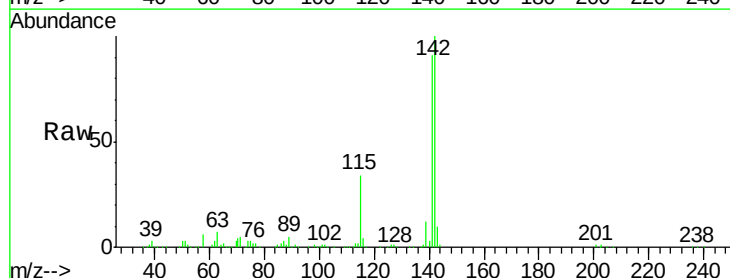
Tgt Ion:142 Resp: 353373

Ion Ratio Lower Upper

142 100

141 91.0 74.2 111.4

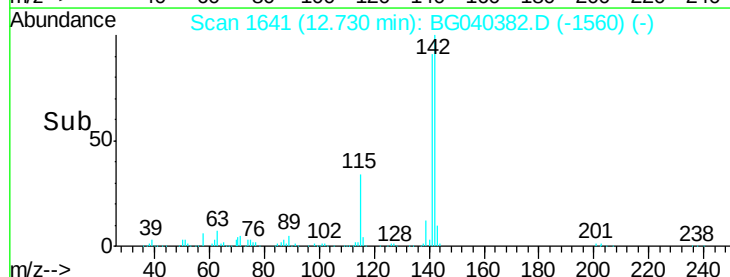
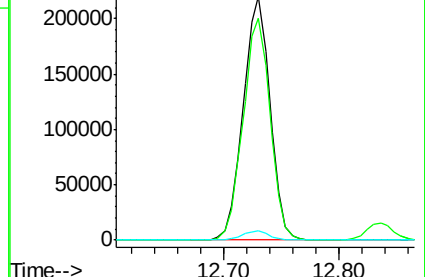
116 3.6 3.0 4.4

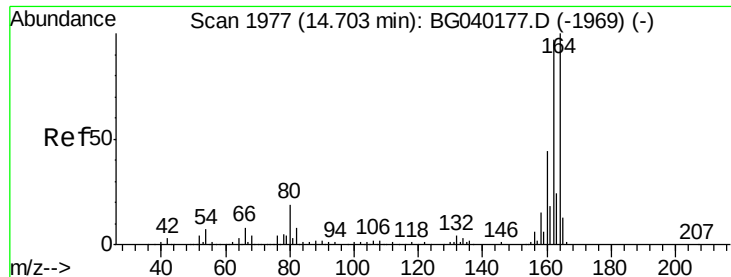


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

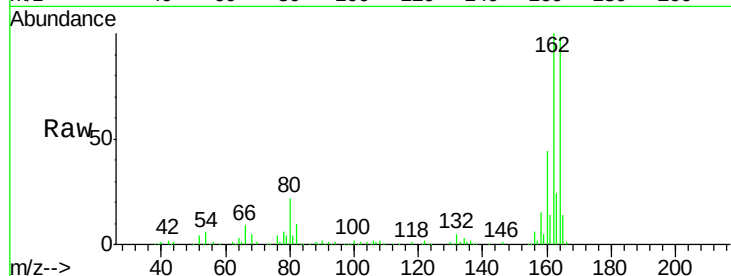
Tot Ion:164 Resp: 141879

Ion Ratio Lower Upper

164 100

162 102.0 77.4 116.2

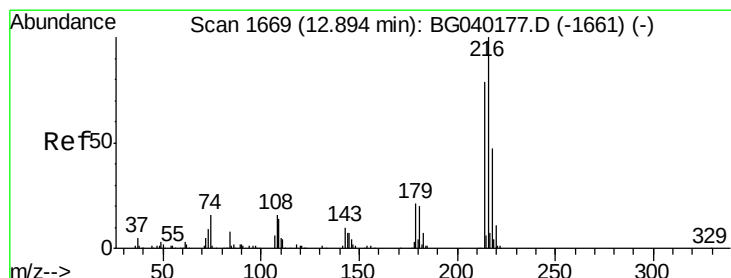
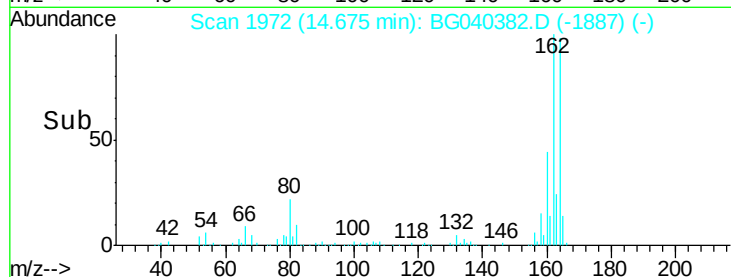
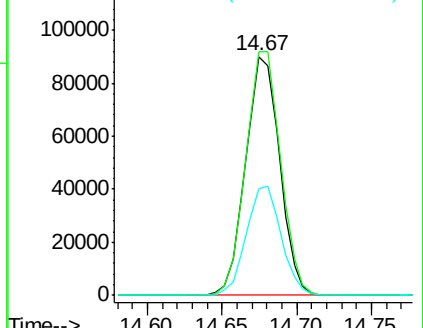
160 44.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.028 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tgt Ion:216 Resp: 189522

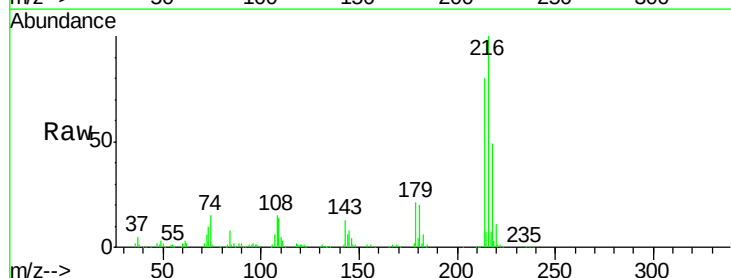
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 20.9 16.6 25.0

108 19.5 13.8 20.8

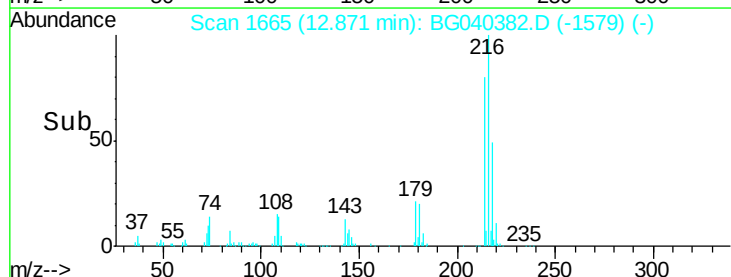
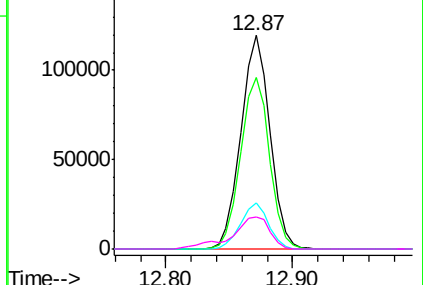


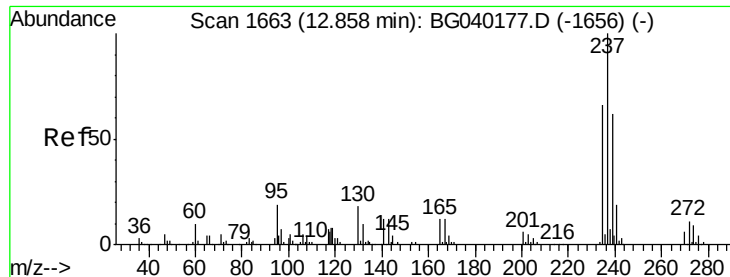
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.002 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

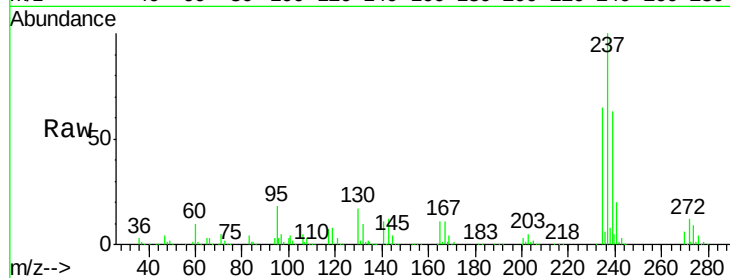
Tot Ion:237 Resp: 217893

Ion Ratio Lower Upper

237 100

235 65.0 46.2 86.2

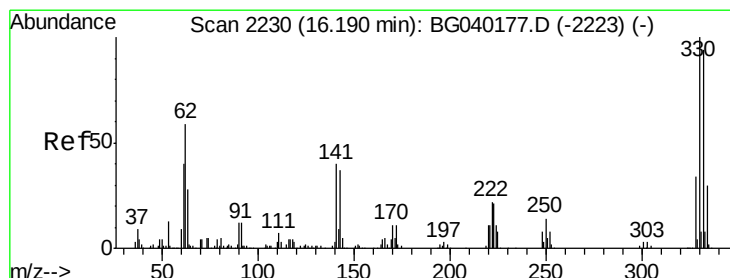
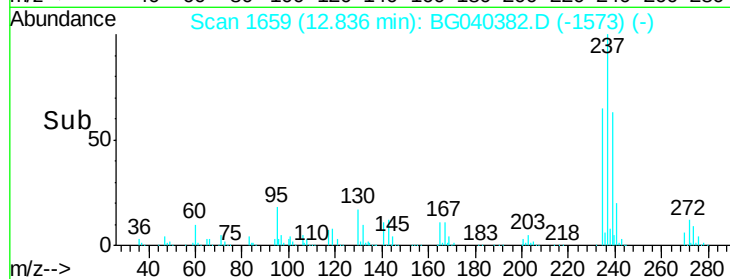
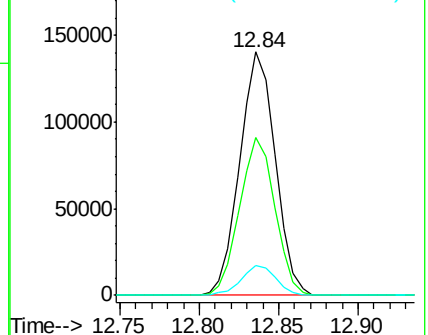
272 12.2 0.0 30.5



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: 141.331 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

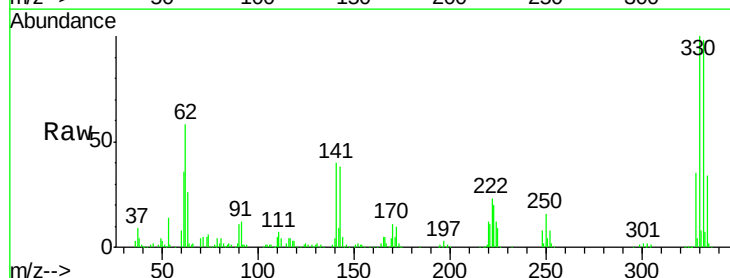
Tgt Ion:330 Resp: 216709

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

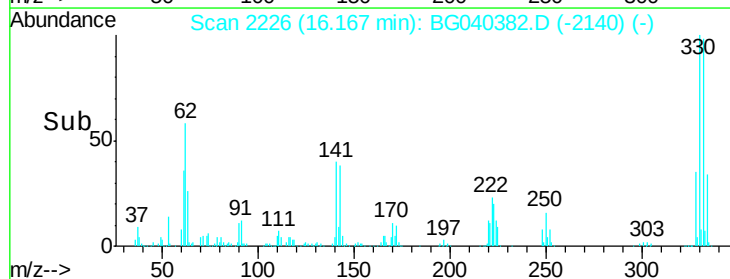
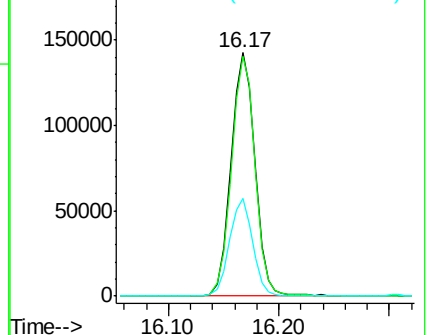
141 39.0 32.6 48.8

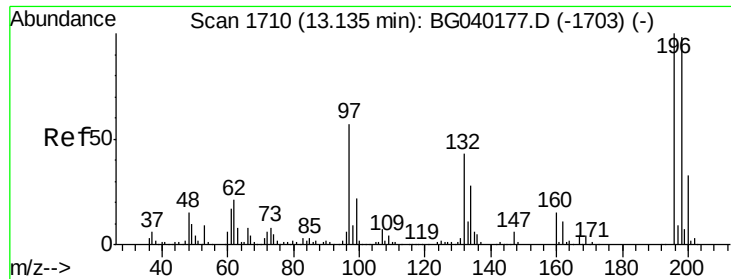


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

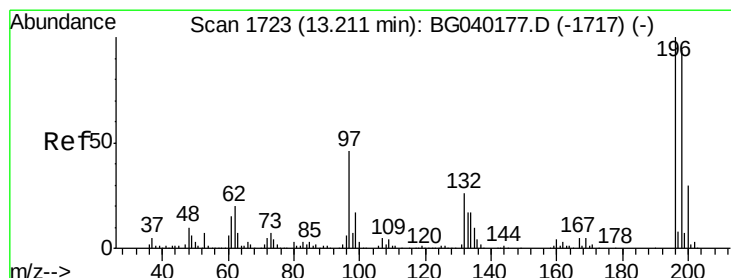
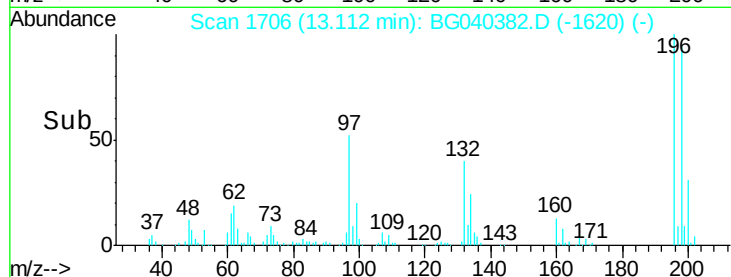
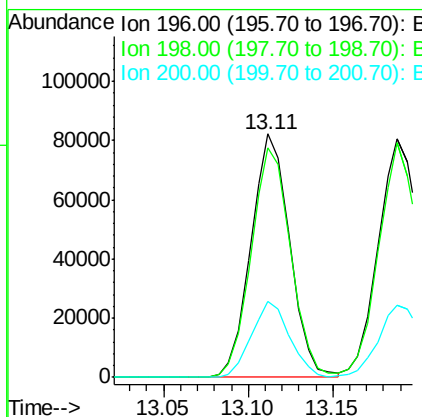
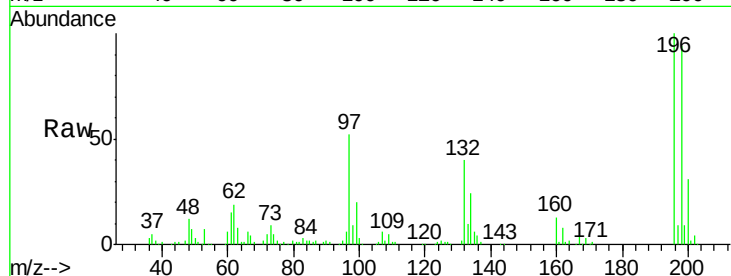




#43
 2,4,6-Trichlorophenol
 Concen: 44.975 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

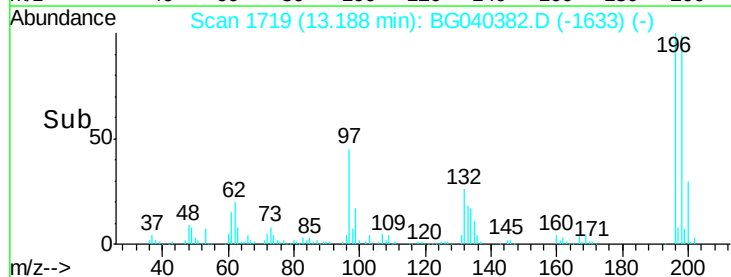
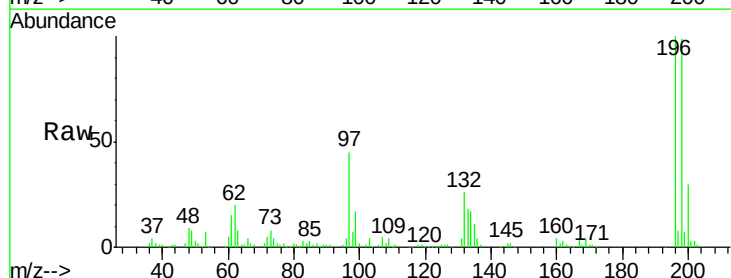
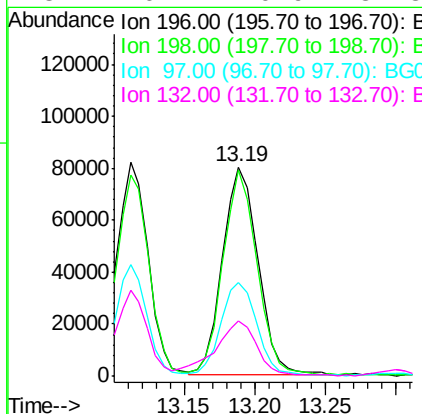
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

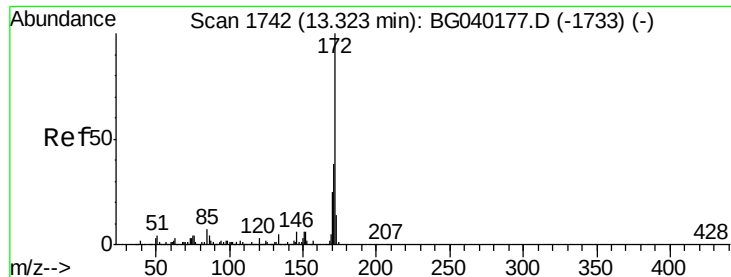
Tot Ion:196 Resp: 130758
 Ion Ratio Lower Upper
 196 100
 198 94.1 78.3 117.5
 200 31.3 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.206 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion:196 Resp: 140088
 Ion Ratio Lower Upper
 196 100
 198 98.6 75.0 112.6
 97 44.7 37.3 55.9
 132 26.4 20.9 31.3

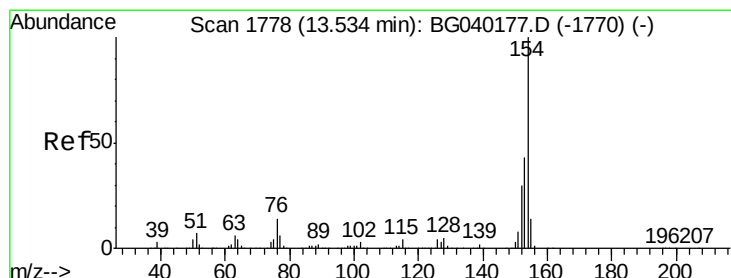
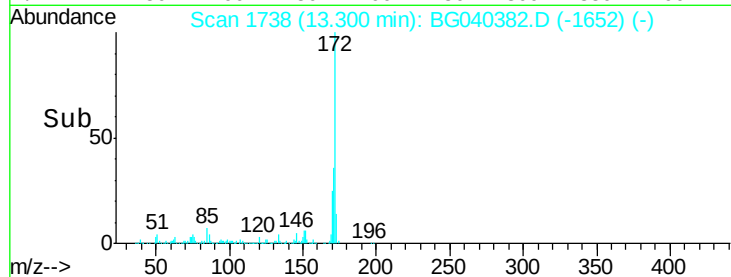
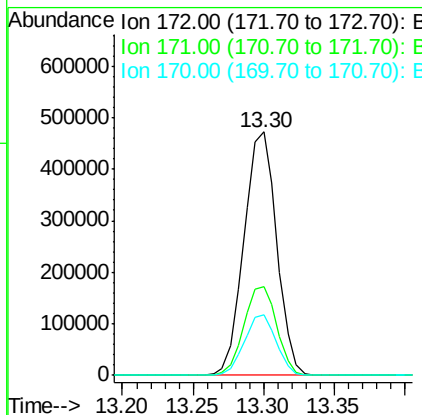
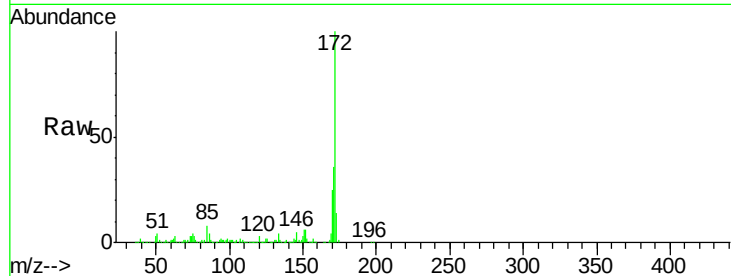




#45
2-Fluorobiphenyl
Concen: 79.972 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

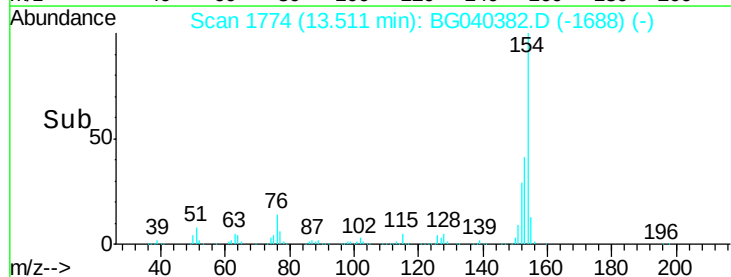
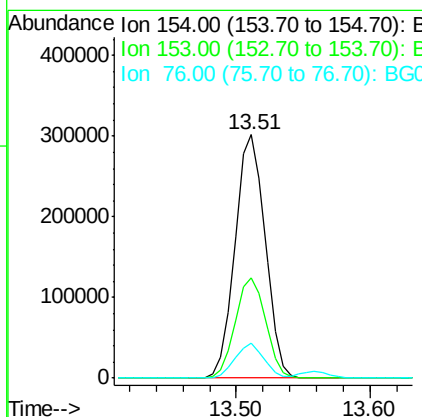
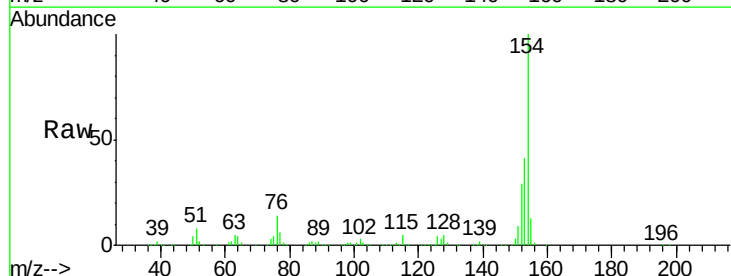
Instrument :
BNA_G
ClientSampleId :
PB118644BS

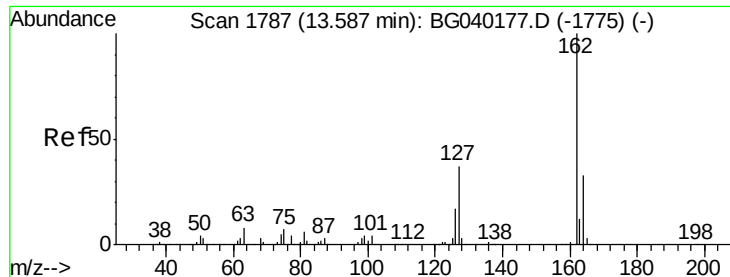
Tot Ion:172 Resp: 765735
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 25.0 20.1 30.1



#46
1,1'-Biphenyl
Concen: 42.125 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion:154 Resp: 472236
Ion Ratio Lower Upper
154 100
153 41.3 22.5 62.5
76 14.4 0.0 33.7

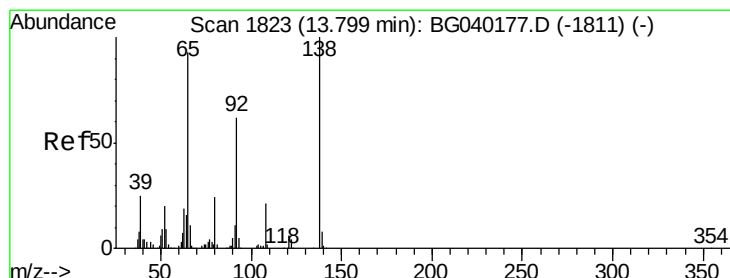
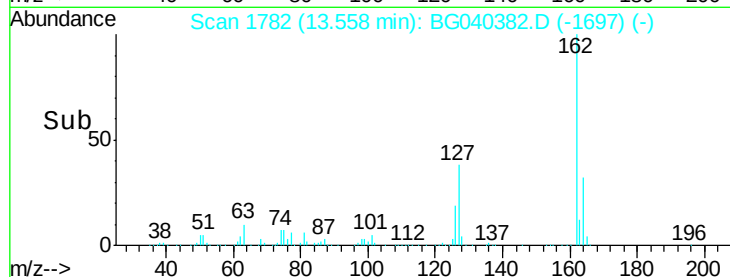
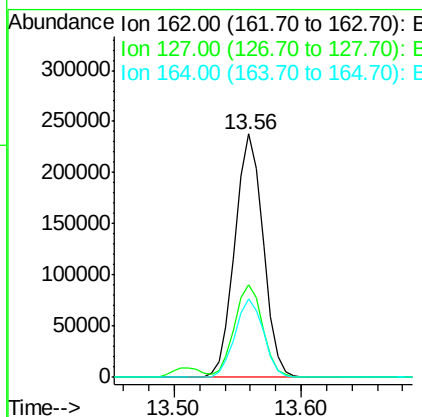
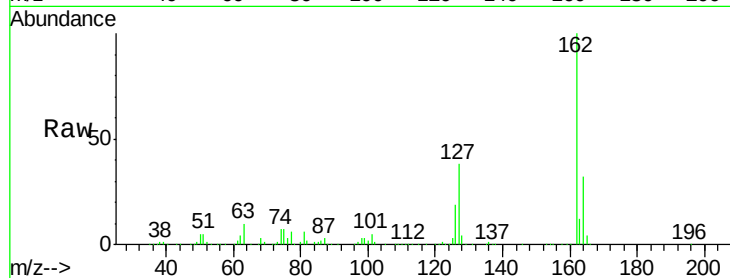




#47
 2-Chloronaphthalene
 Concen: 42.680 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

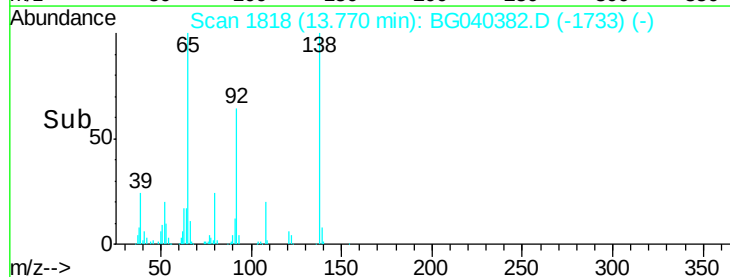
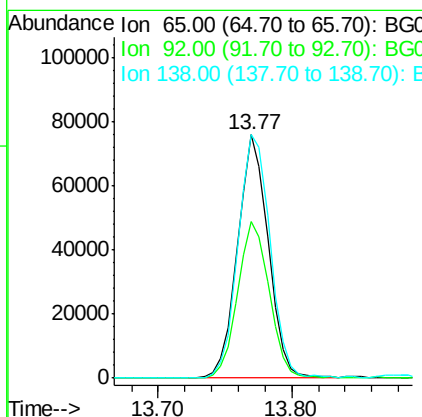
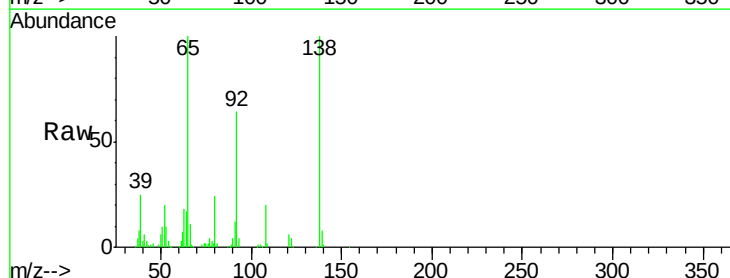
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

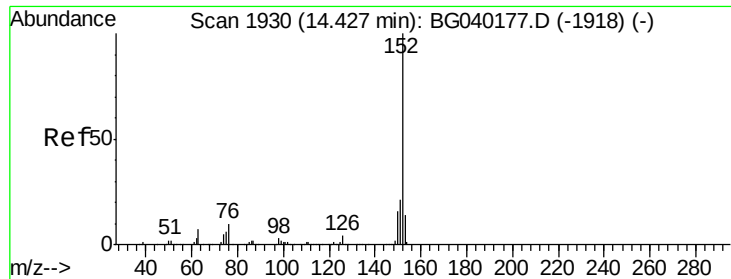
Tot Ion:162 Resp: 367004
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.6 45.8
 164 32.3 26.2 39.4



#48
 2-Nitroaniline
 Concen: 41.612 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion: 65 Resp: 120695
 Ion Ratio Lower Upper
 65 100
 92 64.6 53.8 80.6
 138 100.2 86.3 129.5





#49

Acenaphthylene

Concen: 41.282 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

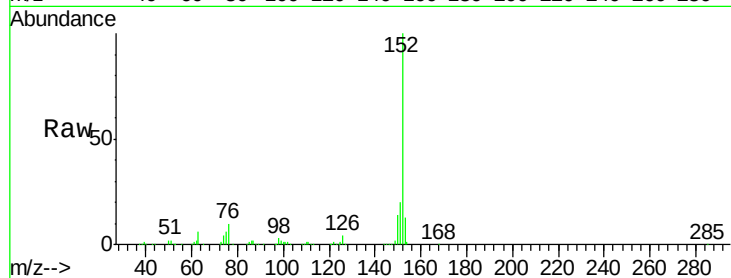
Tot Ion:152 Resp: 601874

Ion Ratio Lower Upper

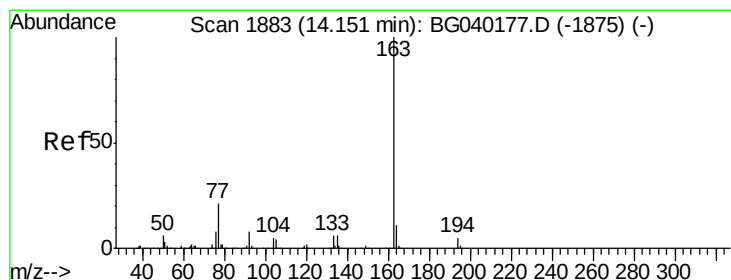
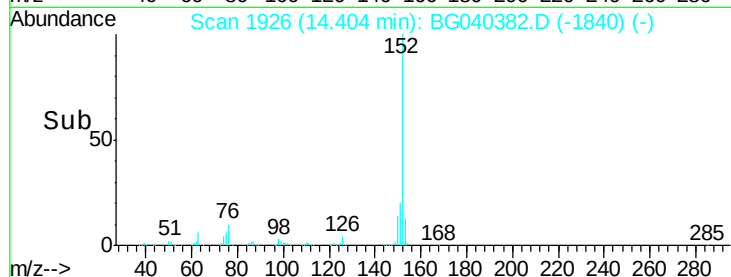
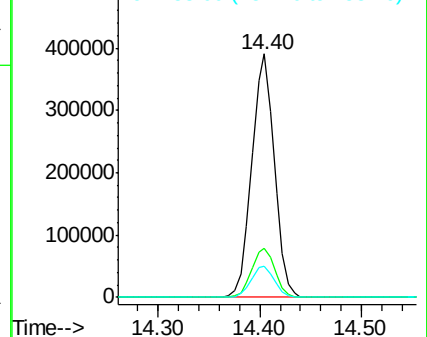
152 100

151 20.1 17.0 25.6

153 12.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.961 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

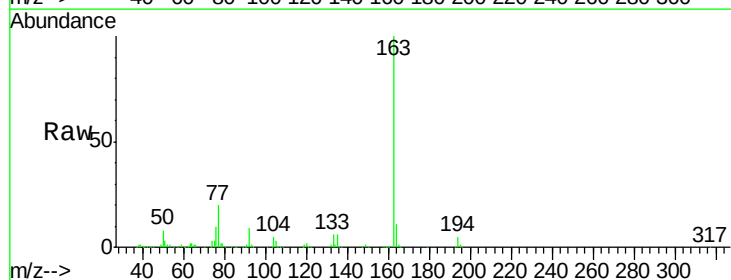
Tgt Ion:163 Resp: 465934

Ion Ratio Lower Upper

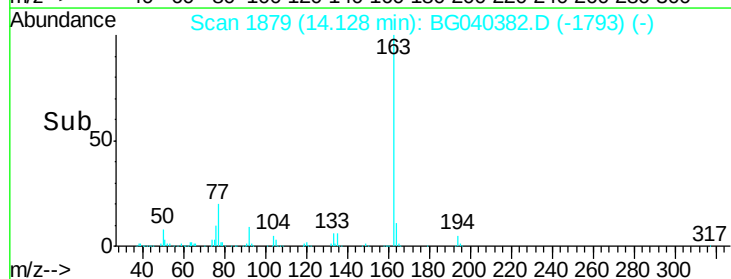
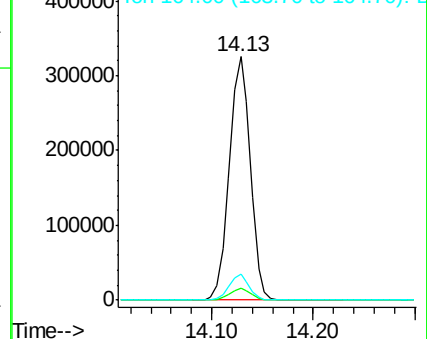
163 100

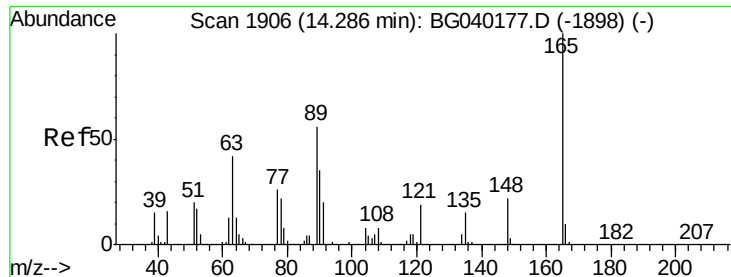
194 4.7 4.1 6.1

164 10.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.220 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

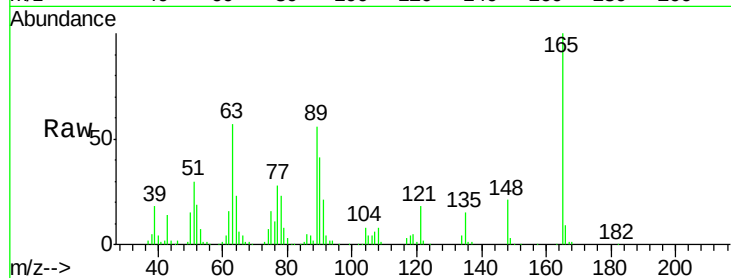
Tot Ion:165 Resp: 105265

Ion Ratio Lower Upper

165 100

63 57.3 44.1 66.1

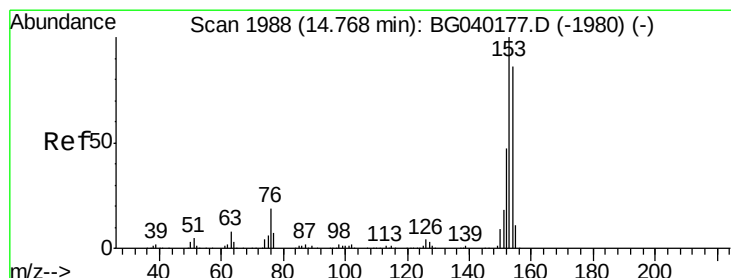
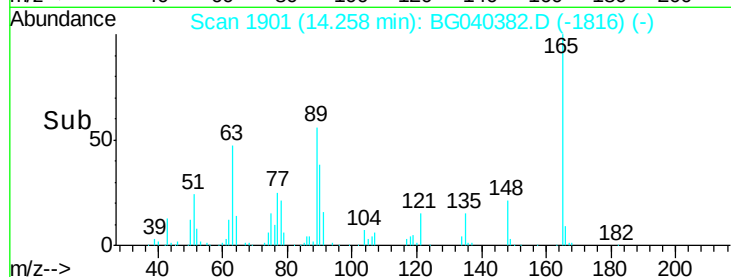
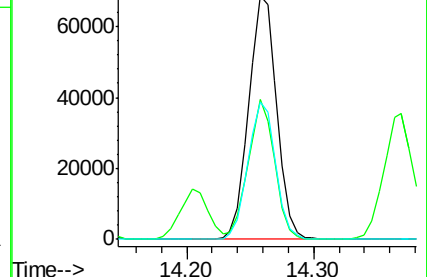
89 56.4 44.9 67.3



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: 41.806 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

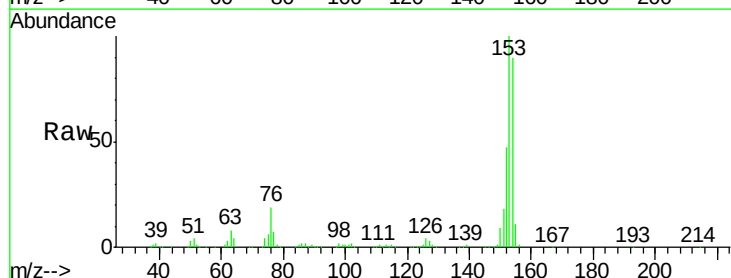
Tgt Ion:154 Resp: 349260

Ion Ratio Lower Upper

154 100

153 111.2 92.8 139.2

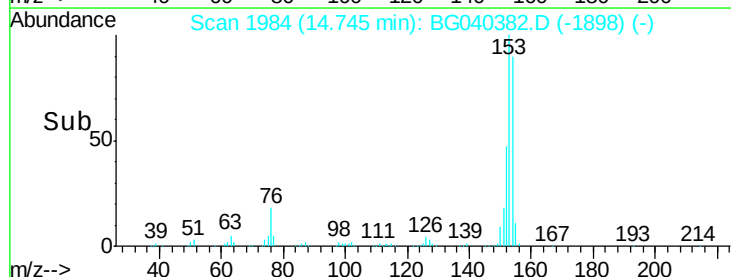
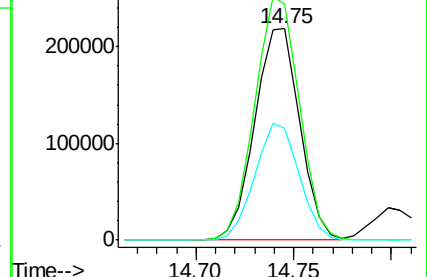
152 52.7 43.4 65.2

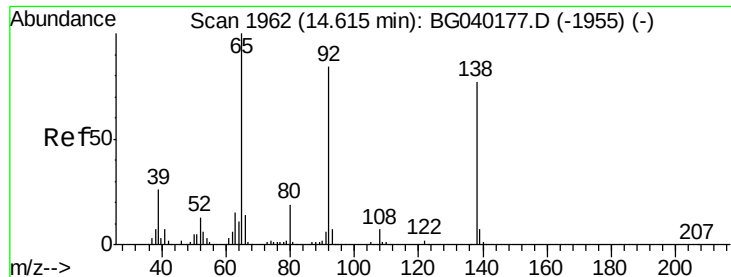


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.925 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

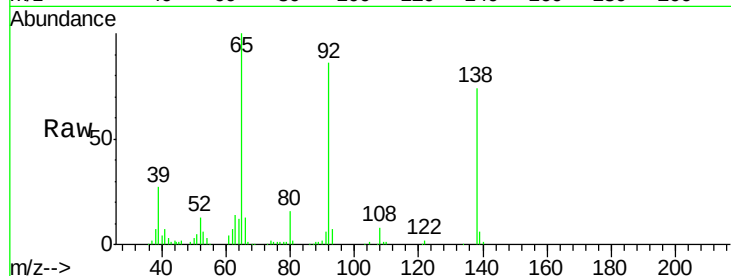
Tot Ion:138 Resp: 81616

Ion Ratio Lower Upper

138 100

108 11.1 7.8 11.8

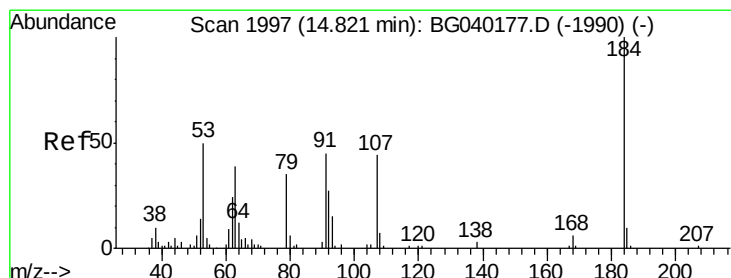
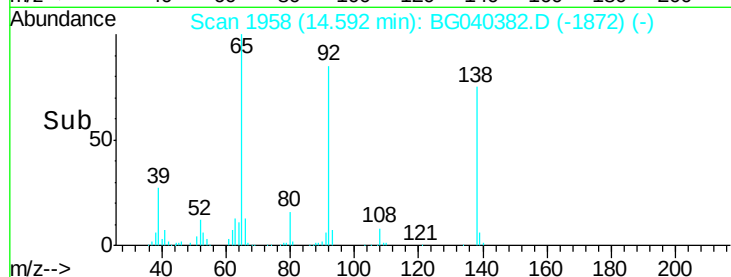
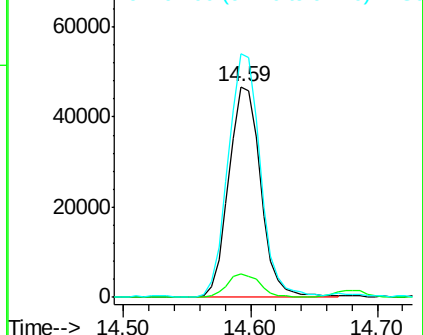
92 115.5 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 76.262 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

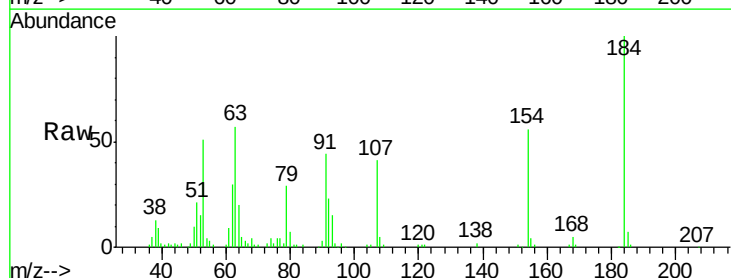
Tgt Ion:184 Resp: 101121

Ion Ratio Lower Upper

184 100

63 57.1 51.8 77.8

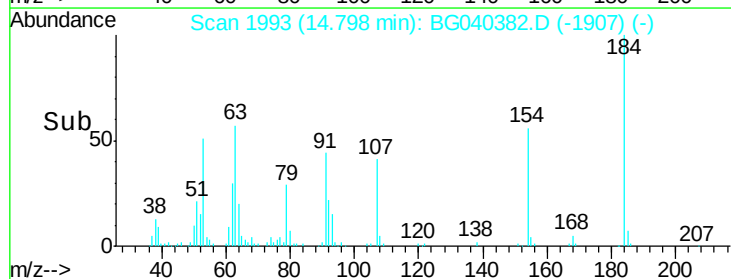
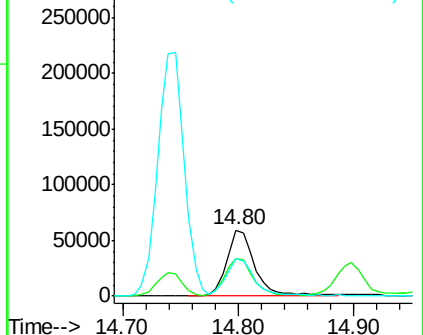
154 56.2 50.9 76.3

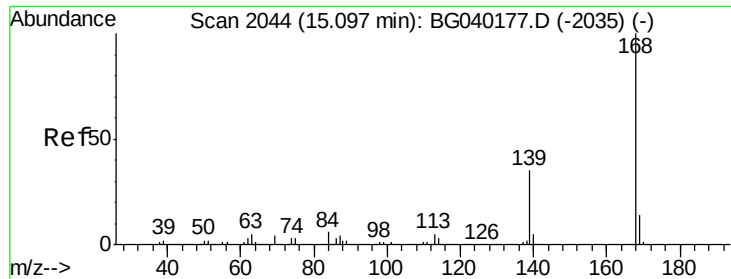


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

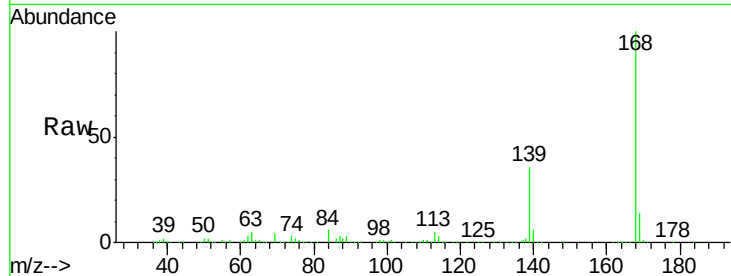




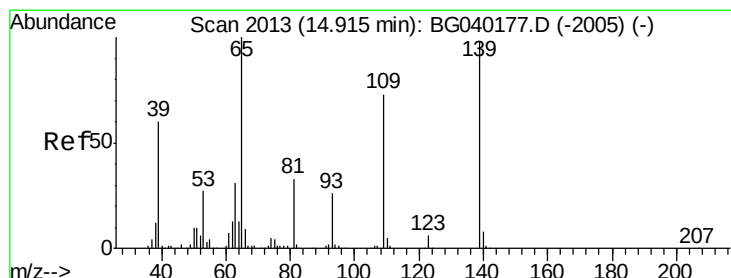
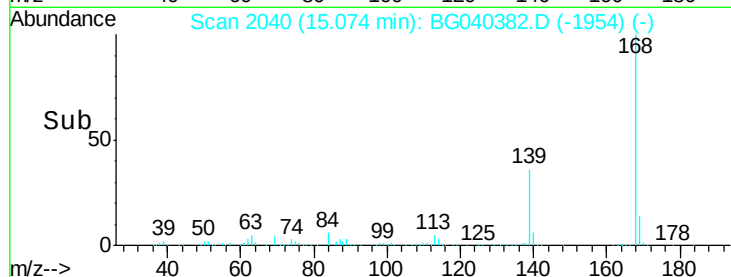
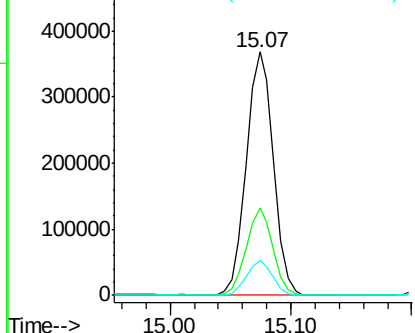
#55
Dibenzenofuran
Concen: 42.730 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion:168 Resp: 573610
Ion Ratio Lower Upper
168 100
139 35.8 27.9 41.9
169 14.2 11.3 16.9

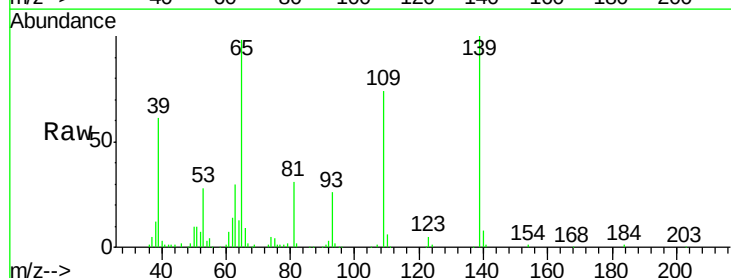


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

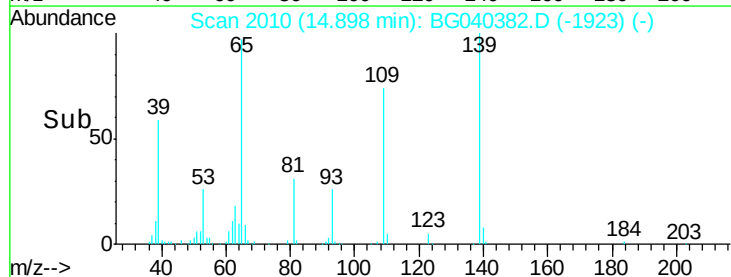
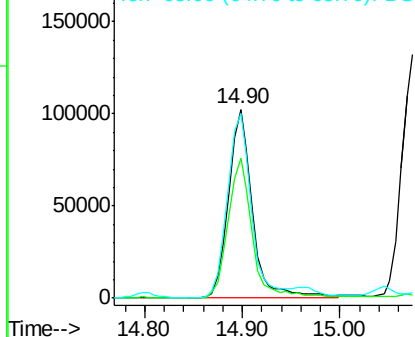


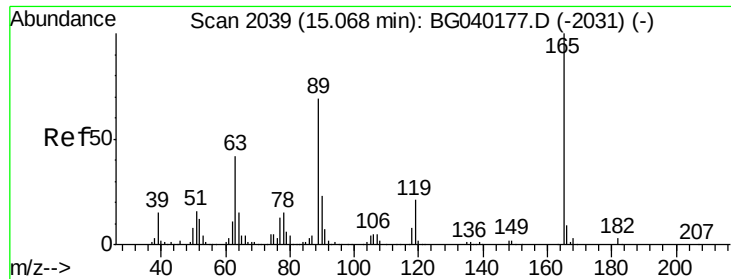
#56
4-Nitrophenol
Concen: 82.151 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion:139 Resp: 174985
Ion Ratio Lower Upper
139 100
109 74.0 54.3 94.3
65 97.6 82.5 122.5



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

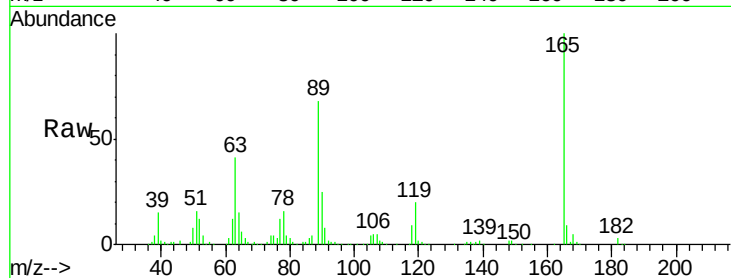




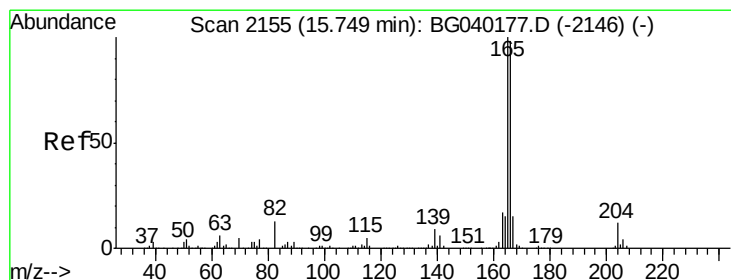
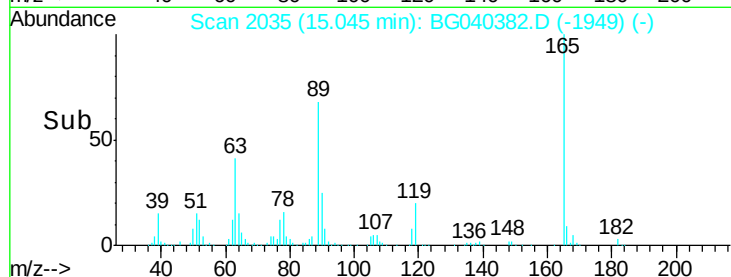
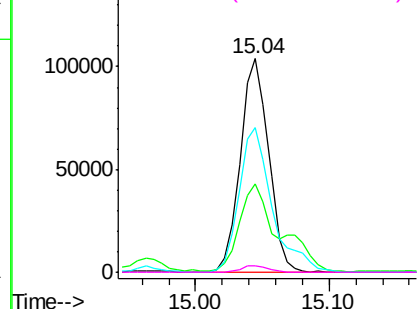
#57
2,4-Dinitrotoluene
Concen: 44.014 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion:165 Resp: 152481
Ion Ratio Lower Upper
165 100
63 41.1 33.8 50.6
89 67.9 55.4 83.2
182 3.0 2.2 3.4

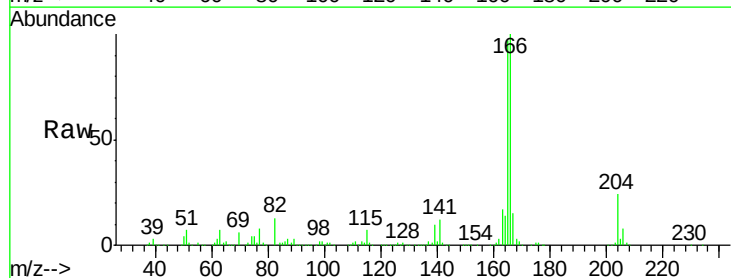


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

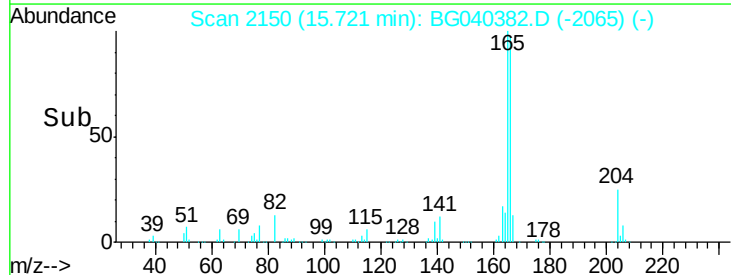
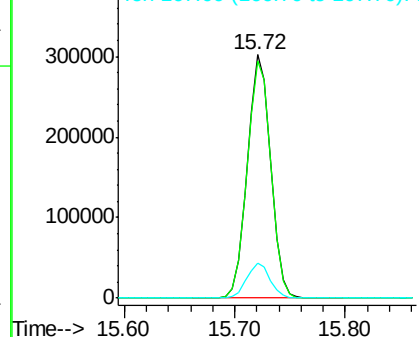


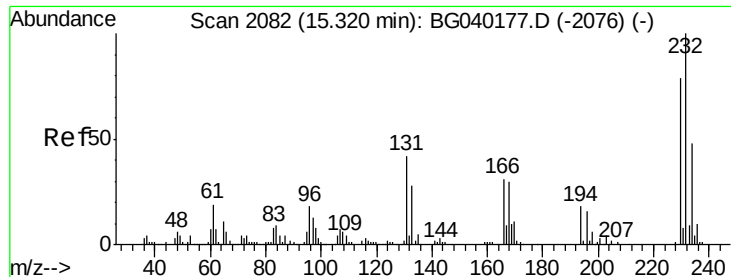
#58
Fluorene
Concen: 42.377 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion:166 Resp: 447255
Ion Ratio Lower Upper
166 100
165 97.5 81.7 122.5
167 14.6 11.9 17.9



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

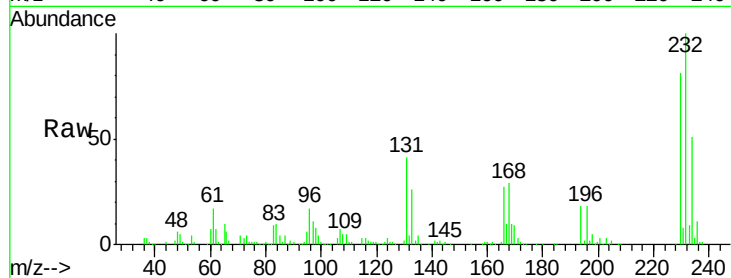




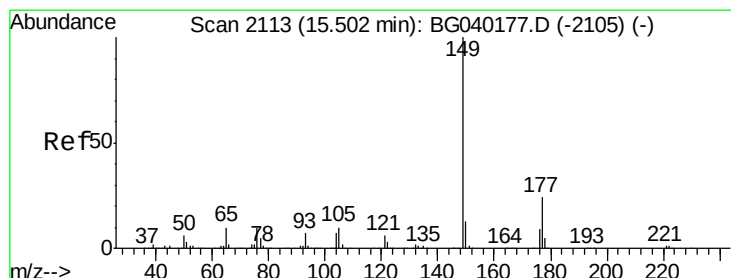
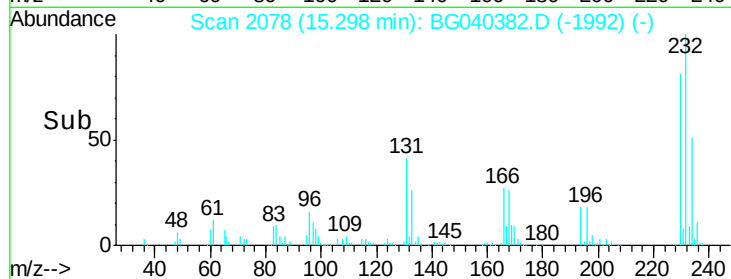
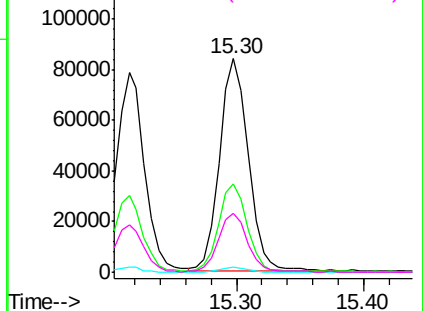
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.081 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

Tot Ion:	232	Resp:	132512
Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.9	49.3
130	2.3	1.8	2.8
166	27.8	23.5	35.3

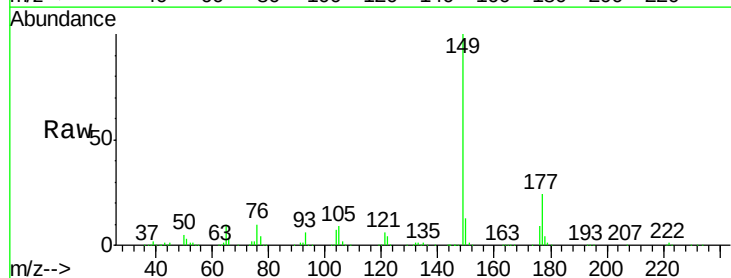


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

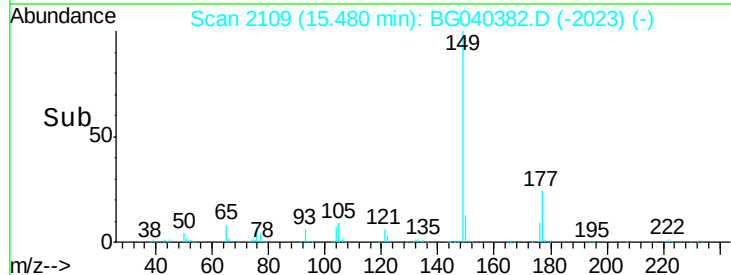
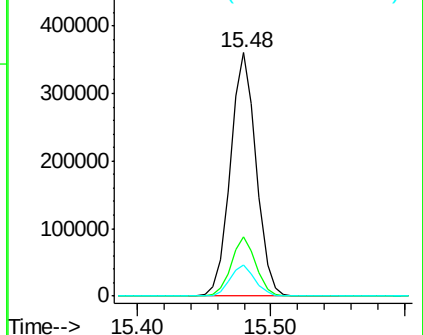


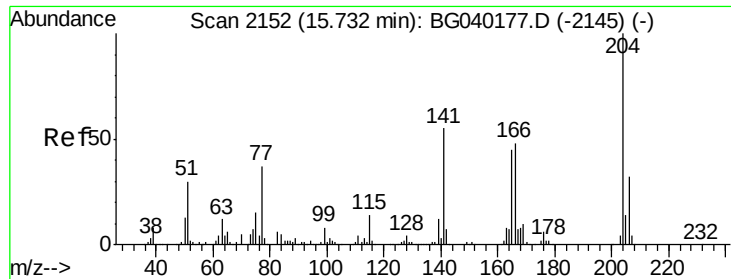
#60
 Diethylphthalate
 Concen: 42.616 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion:	149	Resp:	484227
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.1	28.7
150	13.0	10.6	15.8



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

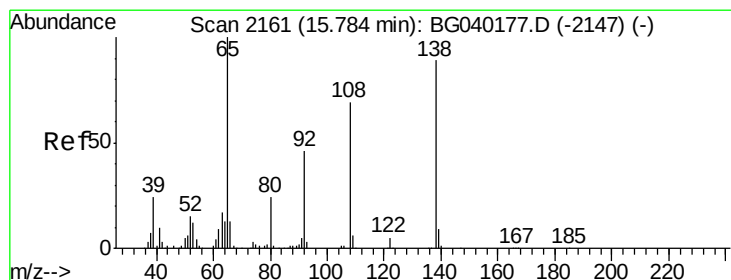
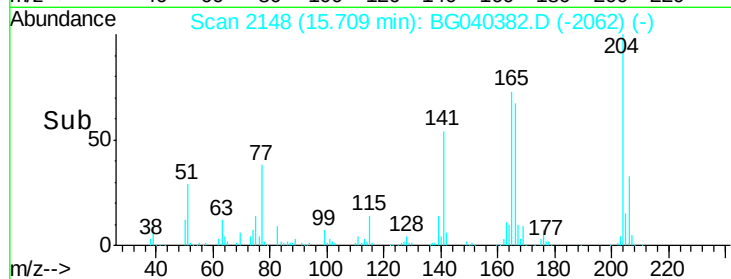
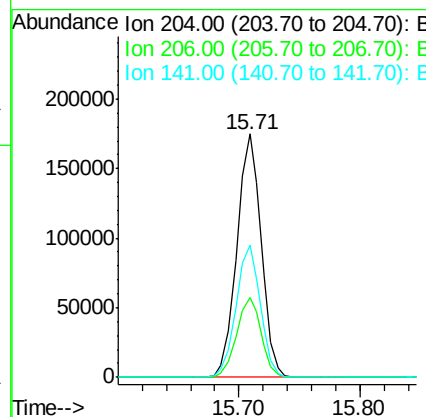
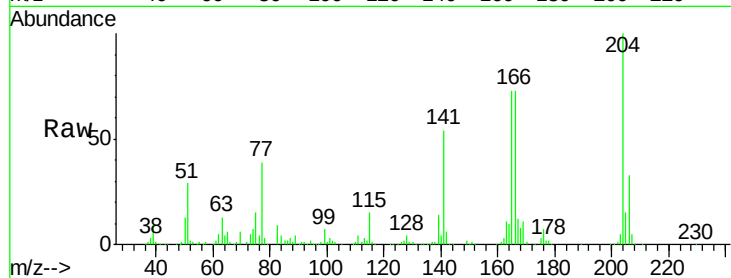




#61
 4-Chlorophenyl-phenylether
 Concen: 43.435 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

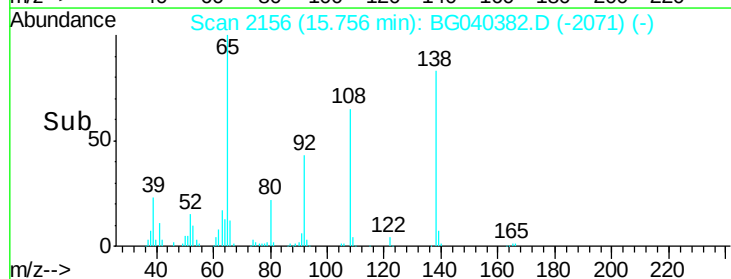
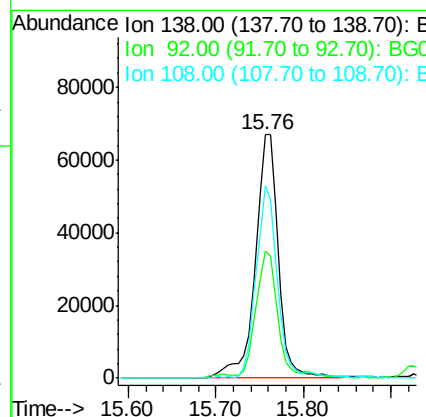
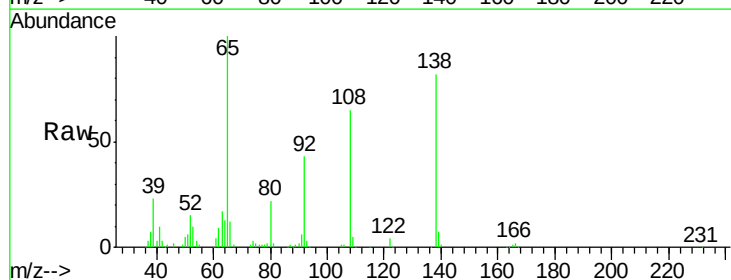
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

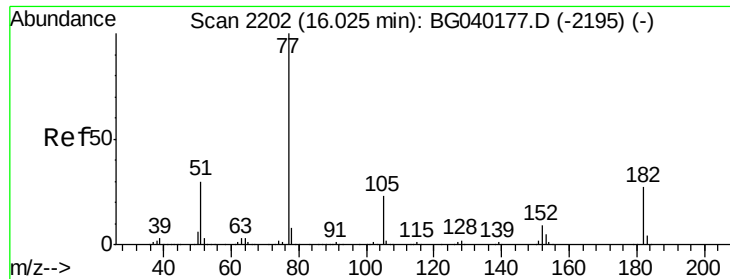
Tot Ion:	204	Resp:	245039
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.7	38.5
141	54.2	44.0	66.0



#62
 4-Nitroaniline
 Concen: 42.336 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion:	138	Resp:	119907
Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.8	71.8
108	78.8	57.2	97.2





#63

Azobenzene

Concen: 41.836 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

Tot Ion: 77 Resp: 448393

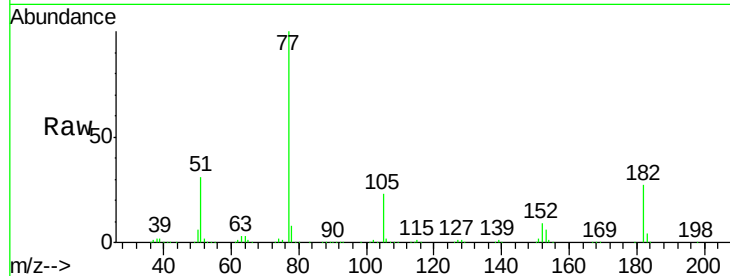
Ion Ratio Lower Upper

77 100

182 26.9 7.2 47.2

105 22.6 2.8 42.8

51 30.9 10.4 50.4

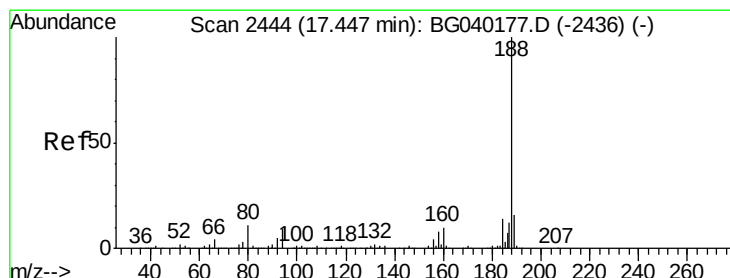
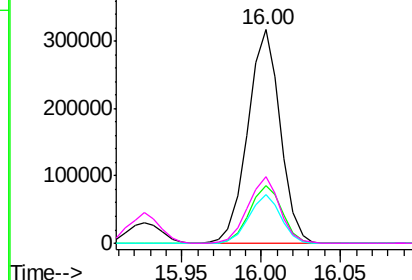
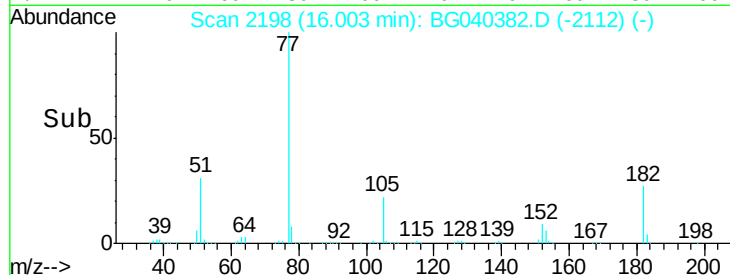


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

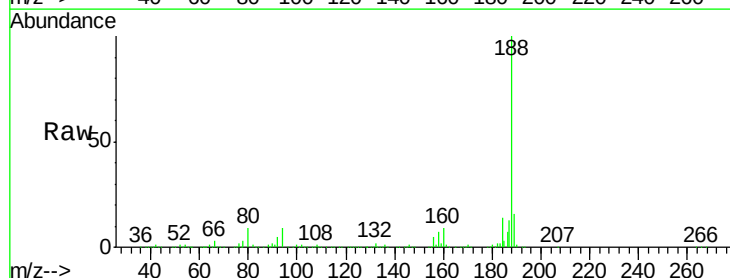
Tgt Ion: 188 Resp: 348546

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

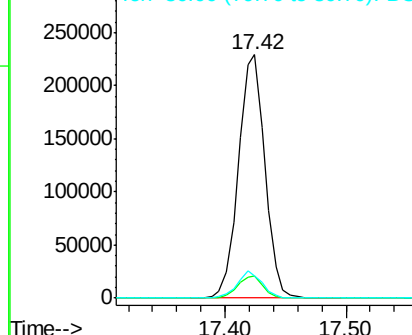
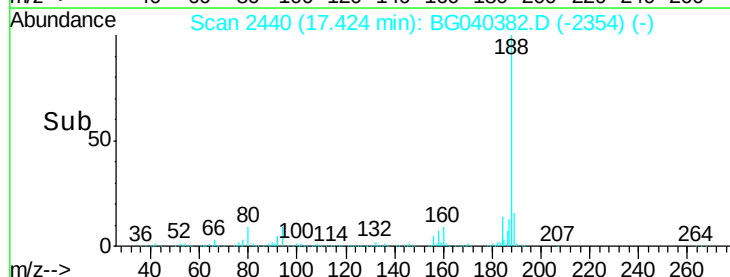
80 9.1 8.6 13.0

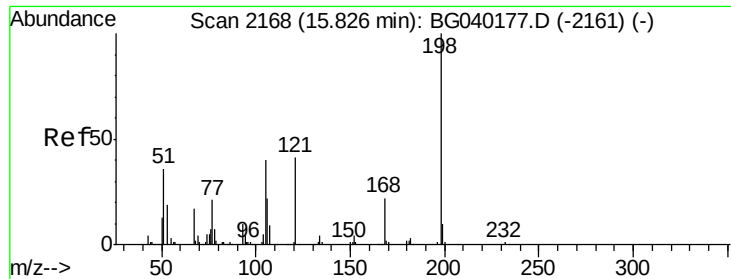


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 42.336 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

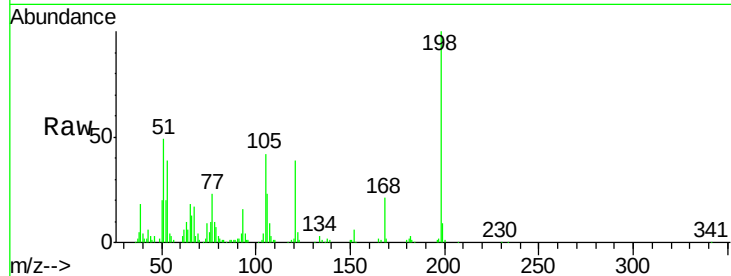
Tot Ion:198 Resp: 82902

Ion Ratio Lower Upper

198 100

51 48.8 27.3 67.3

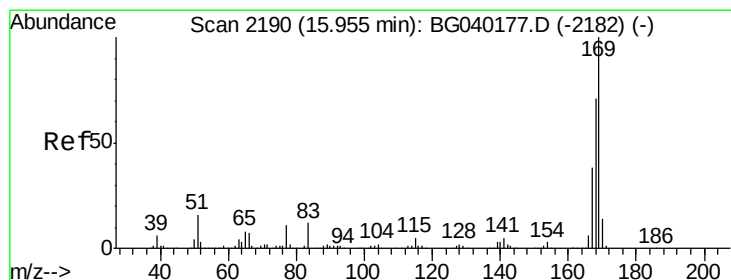
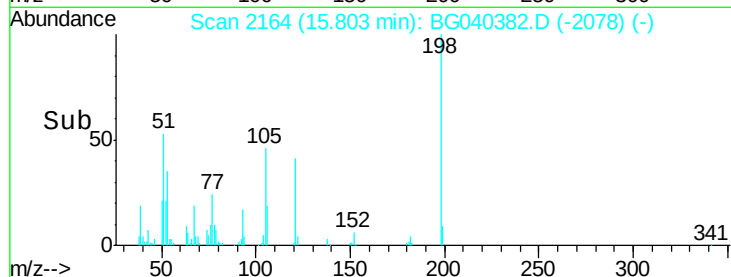
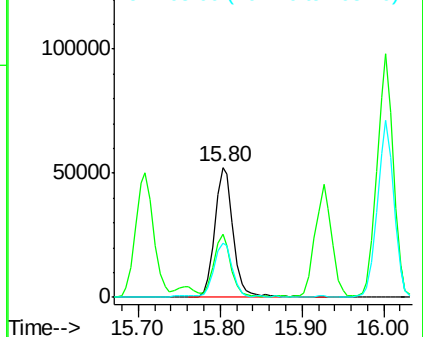
105 41.9 21.7 61.7



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: 41.741 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

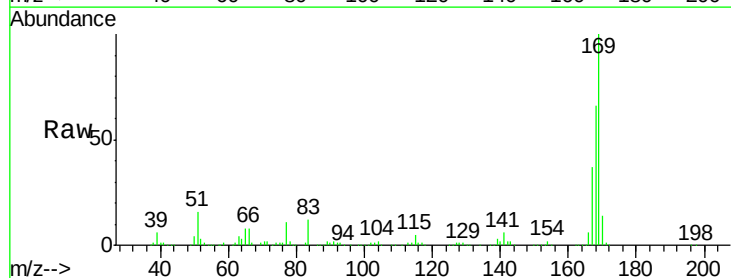
Tgt Ion:169 Resp: 425735

Ion Ratio Lower Upper

169 100

168 66.4 56.8 85.2

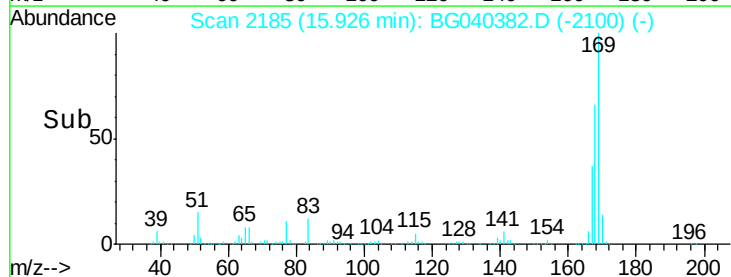
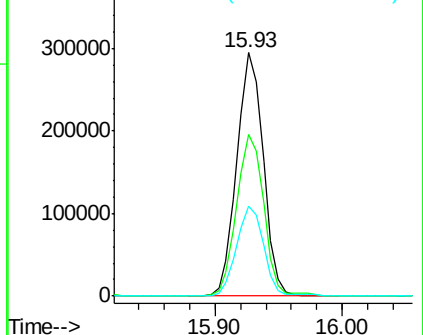
167 36.8 30.2 45.4

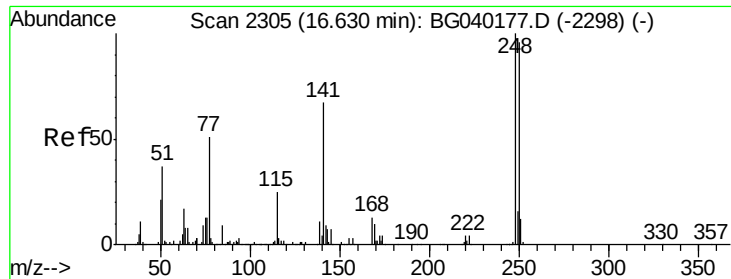


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

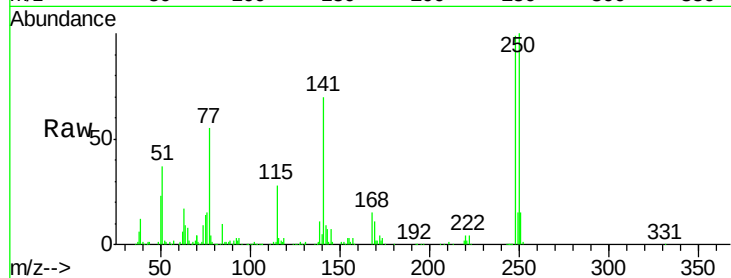




#67
4-Bromophenyl-phenylether
Concen: 39.906 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.9	76.4	114.6
141	70.9	53.8	80.8

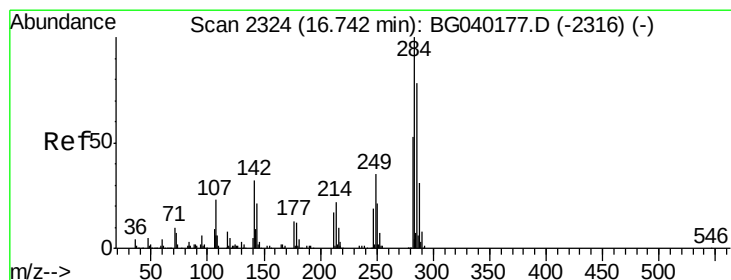
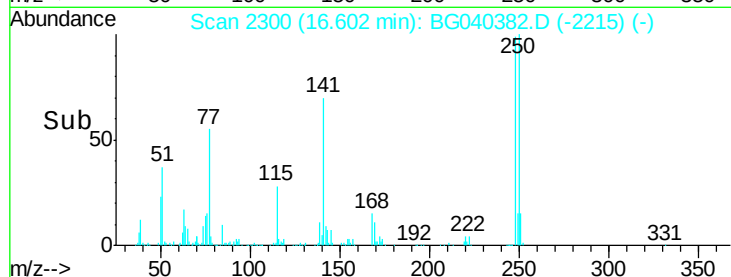
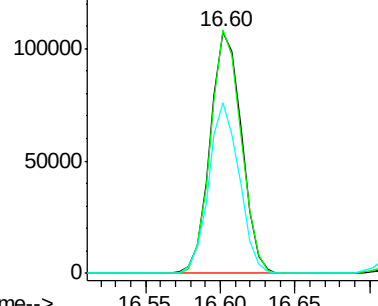


Abundance

Ion 248.00 (247.70 to 248.70): E

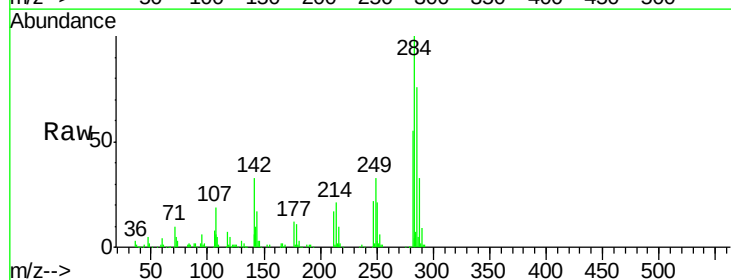
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.448 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.3	37.9
249	33.4	28.2	42.2

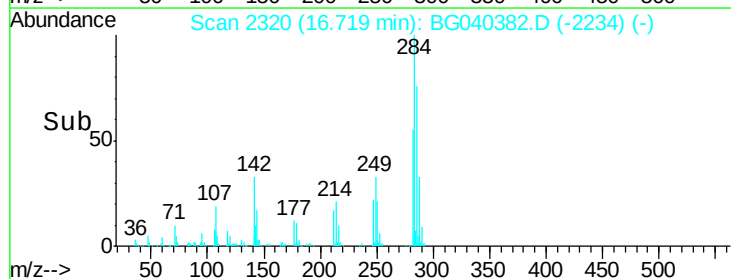
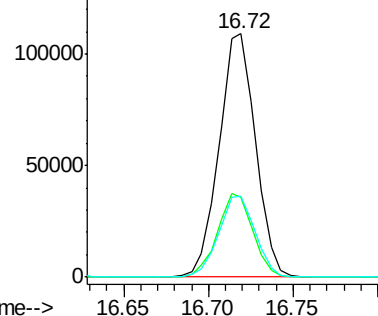


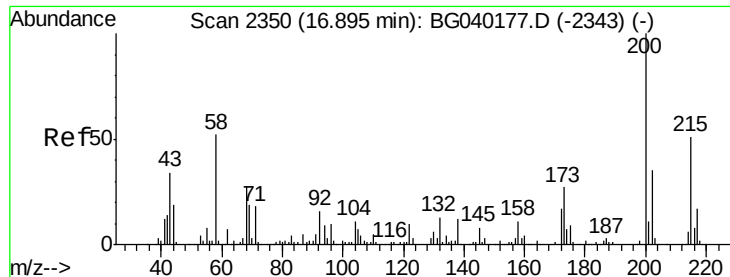
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.138 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

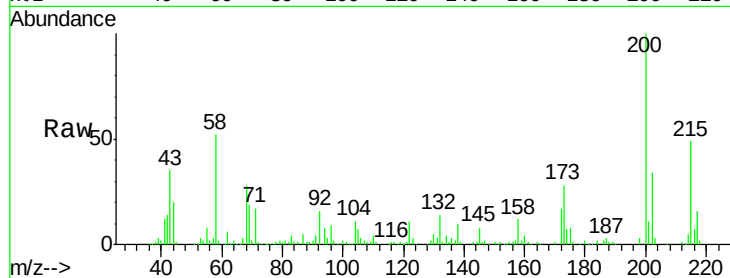
Tot Ion:200 Resp: 156080

Ion Ratio Lower Upper

200 100

173 28.2 7.1 47.1

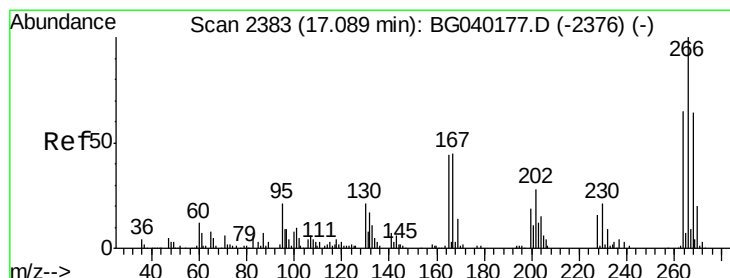
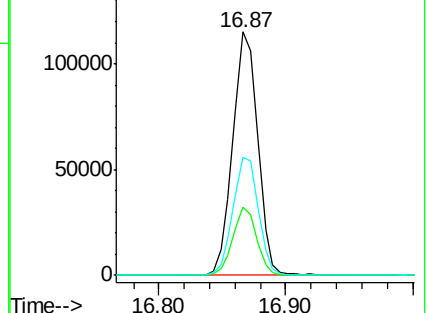
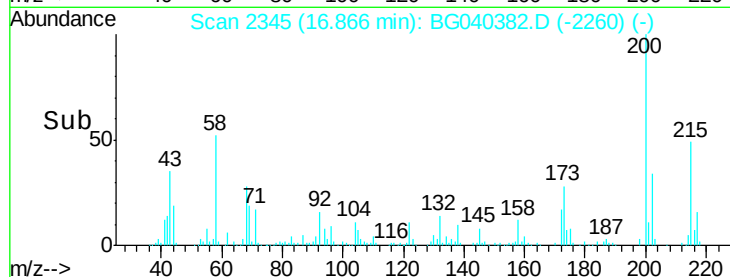
215 48.7 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.942 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

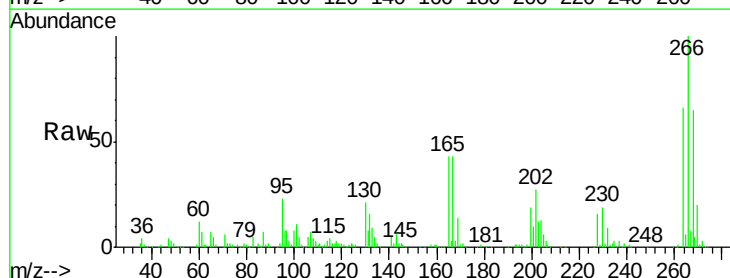
Tgt Ion:266 Resp: 170870

Ion Ratio Lower Upper

266 100

268 69.8 55.0 82.4

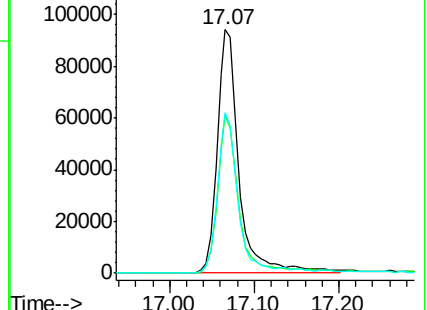
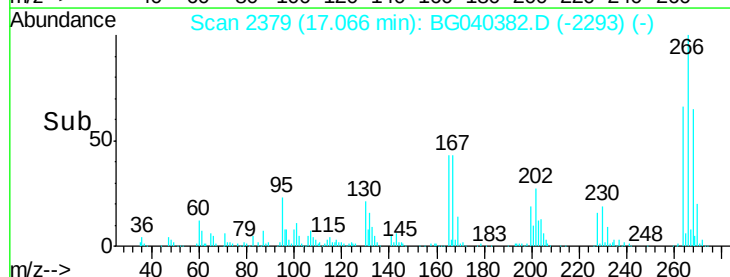
264 66.0 51.8 77.8

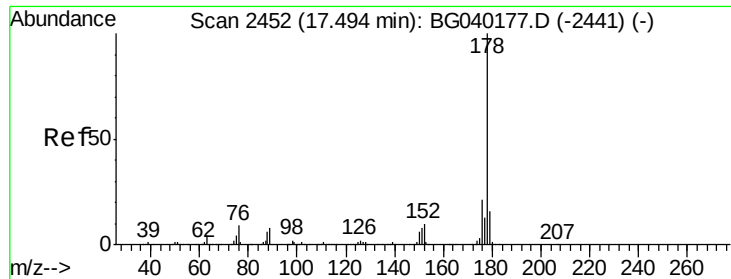


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.277 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

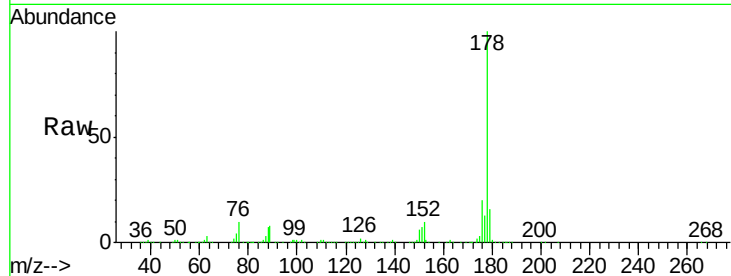
Tot Ion:178 Resp: 774527

Ion Ratio Lower Upper

178 100

176 20.5 16.7 25.1

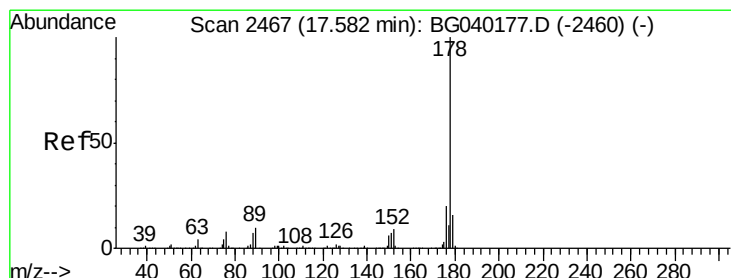
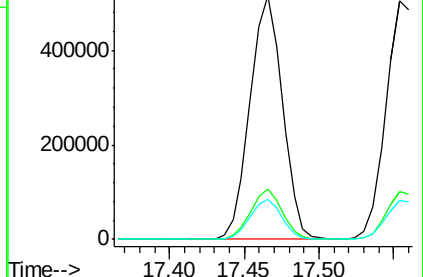
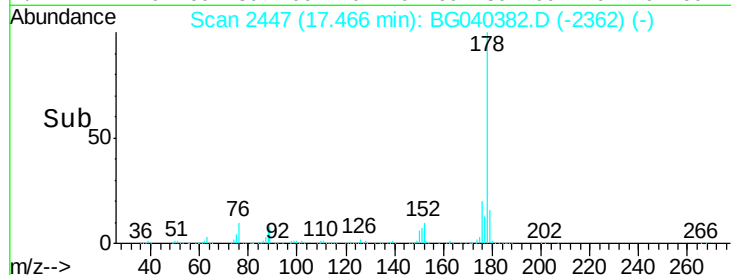
179 16.4 12.8 19.2



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: 42.660 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

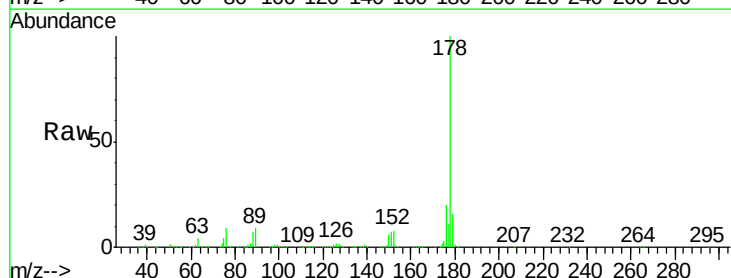
Tgt Ion:178 Resp: 782261

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

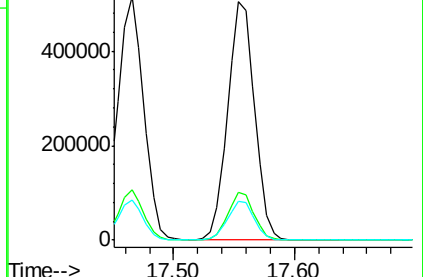
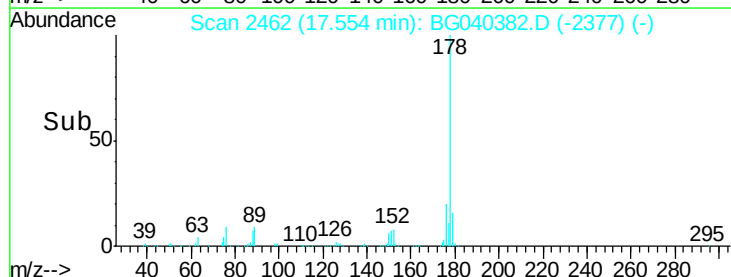
179 16.4 12.9 19.3

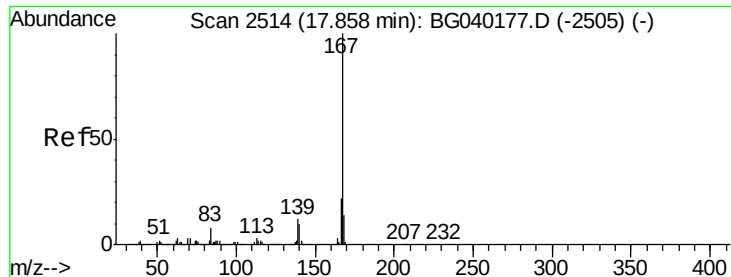


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

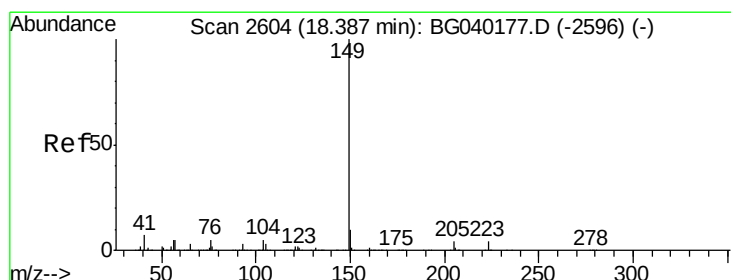
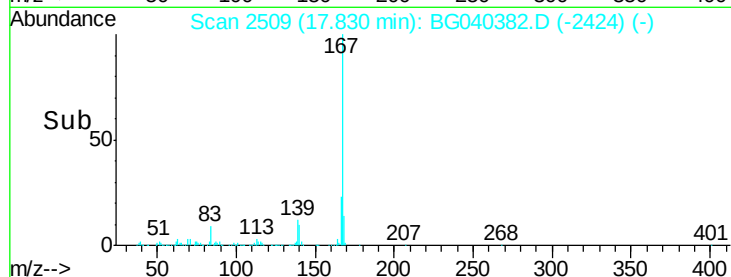
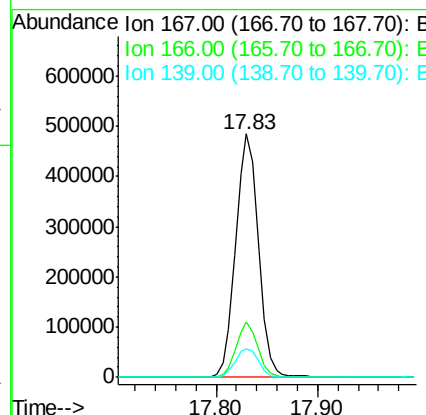
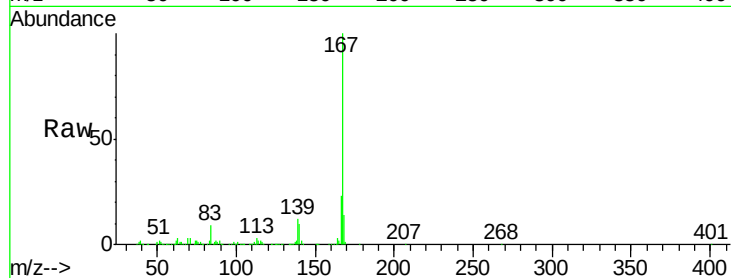




#73
 Carbazole
 Concen: 43.515 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

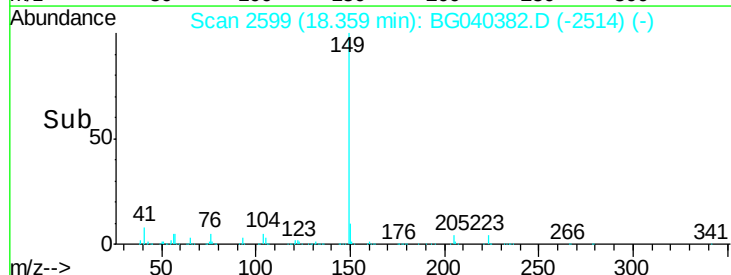
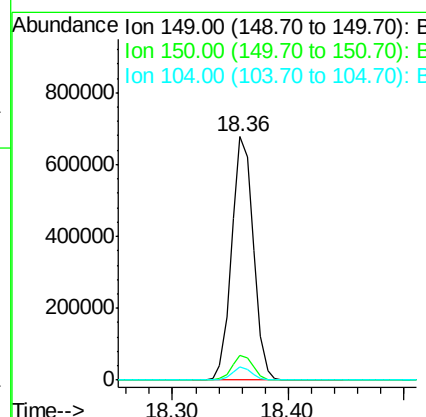
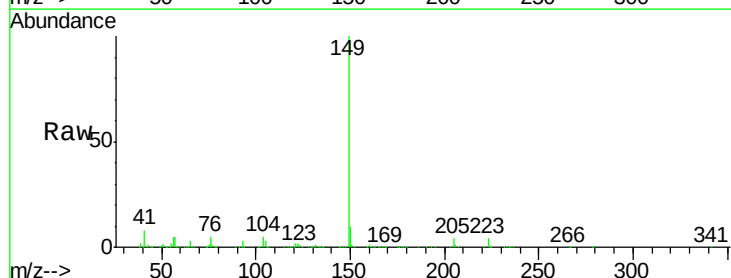
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

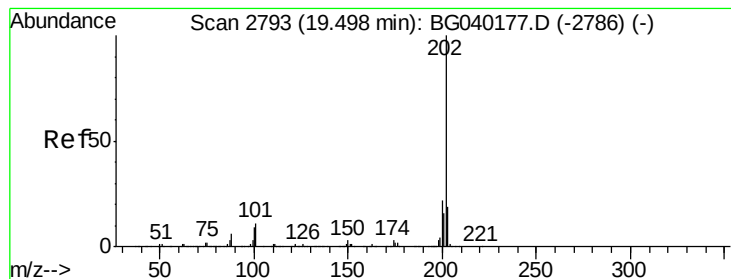
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.5	26.3
139	11.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 42.781 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.9	11.9
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 45.168 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

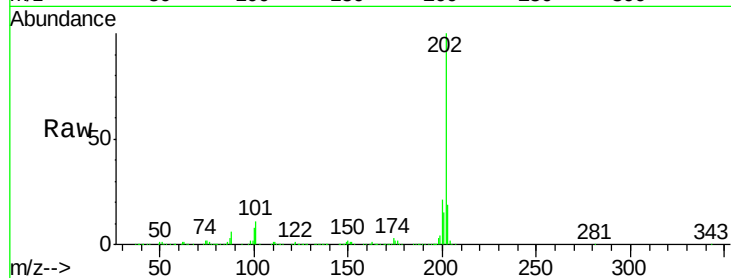
Tot Ion:202 Resp: 979850

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

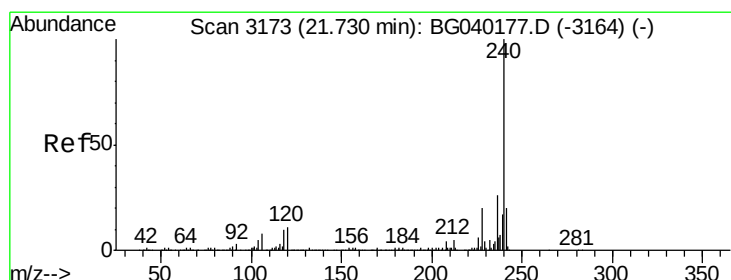
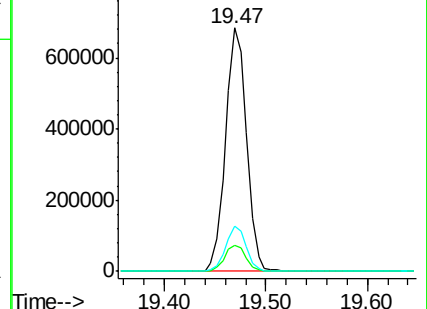
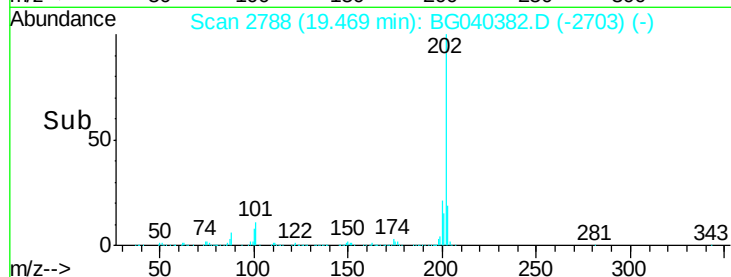
203 18.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

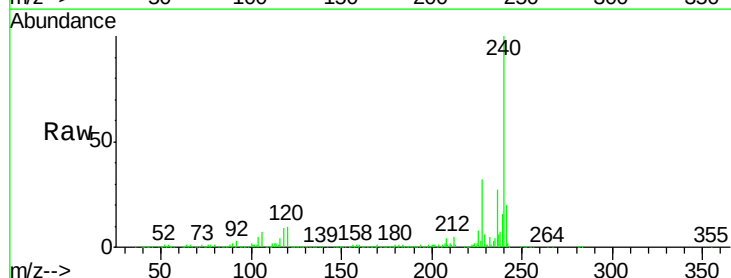
Tgt Ion:240 Resp: 378607

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

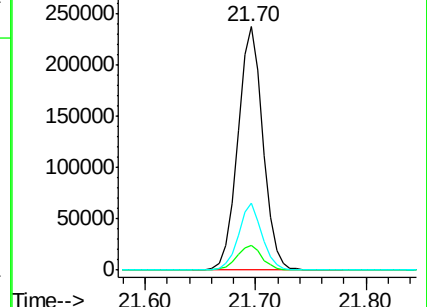
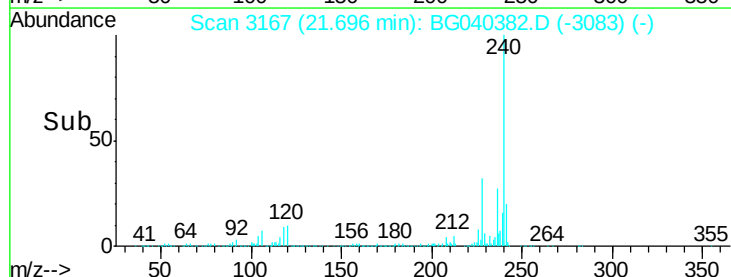
236 27.3 20.8 31.2

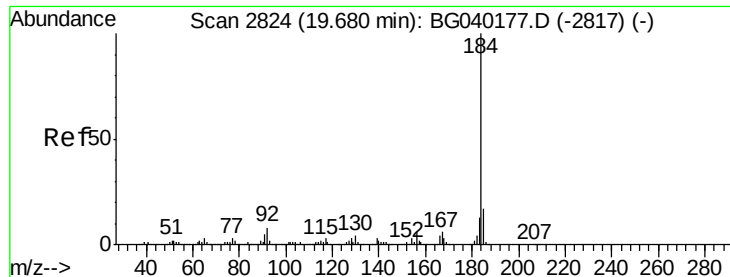


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.931 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

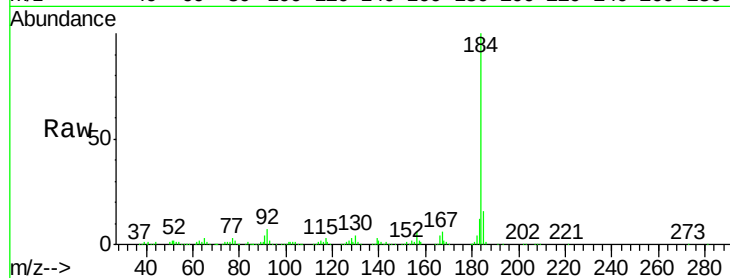
Tot Ion:184 Resp: 354533

Ion Ratio Lower Upper

184 100

185 15.7 13.3 19.9

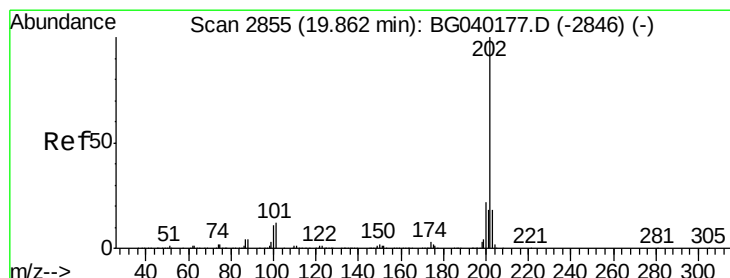
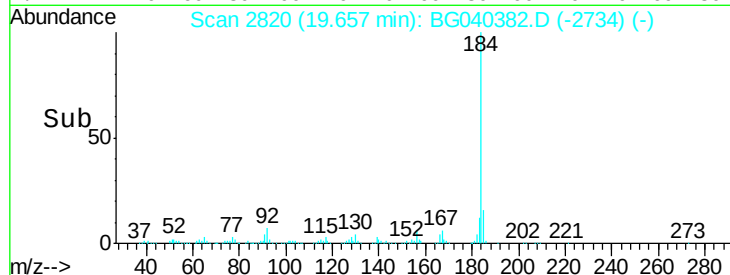
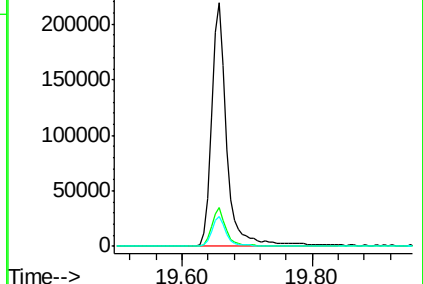
183 12.4 10.3 15.5



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: 39.118 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

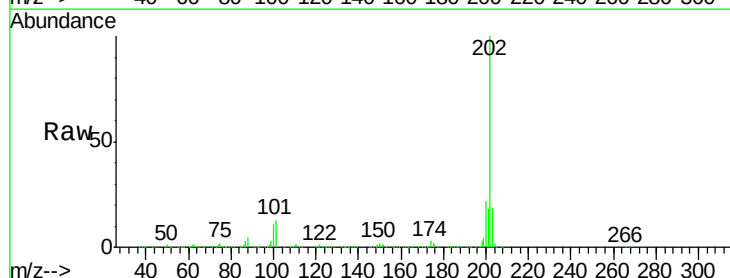
Tgt Ion:202 Resp: 973938

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

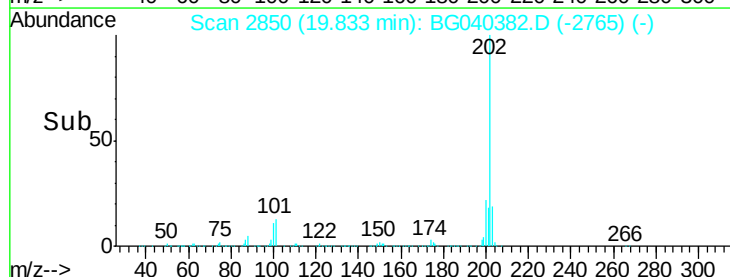
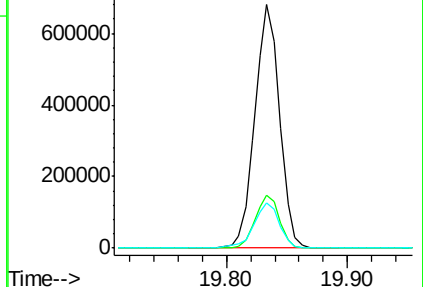
203 18.7 14.6 22.0

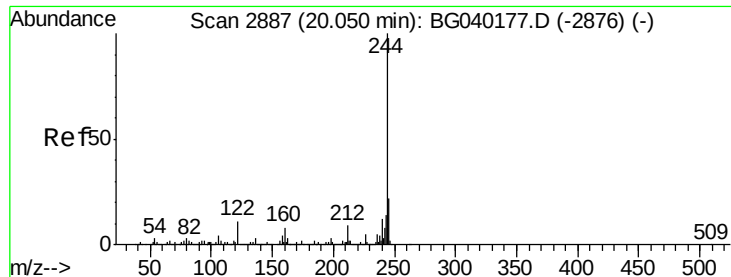


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.275 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

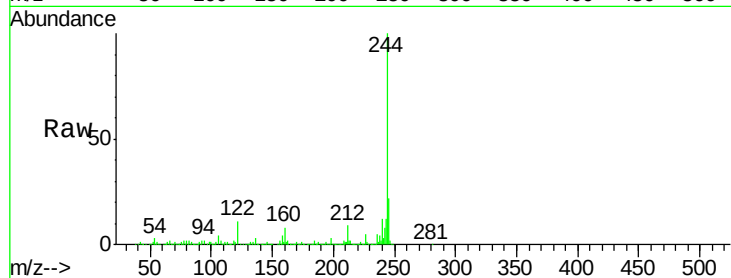
Tot Ion:244 Resp: 1250024

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

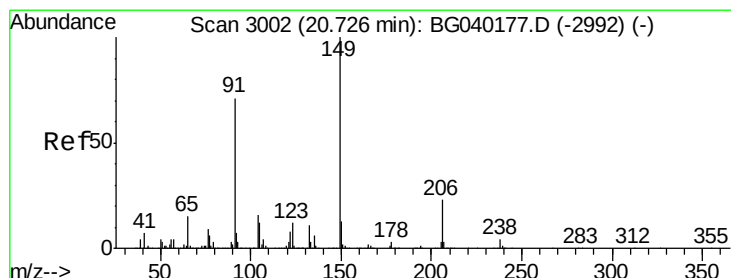
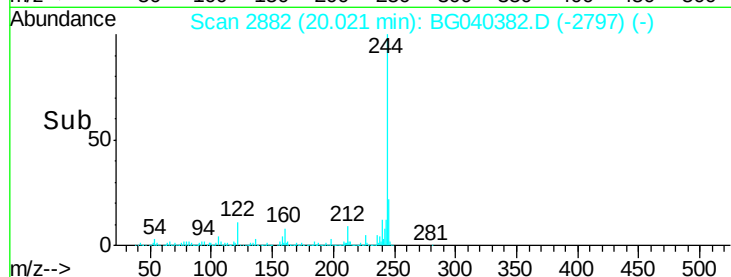
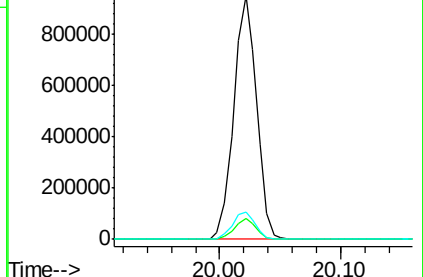
122 11.4 8.5 12.7



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: 40.870 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

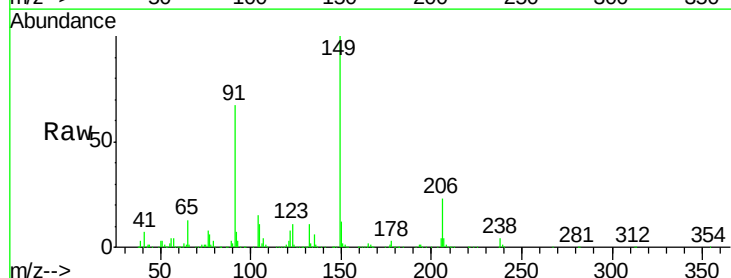
Tgt Ion:149 Resp: 435428

Ion Ratio Lower Upper

149 100

91 67.2 57.0 85.4

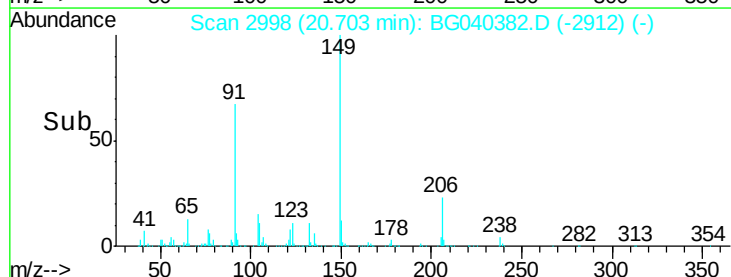
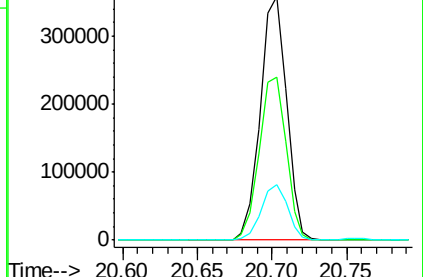
206 22.8 18.2 27.4

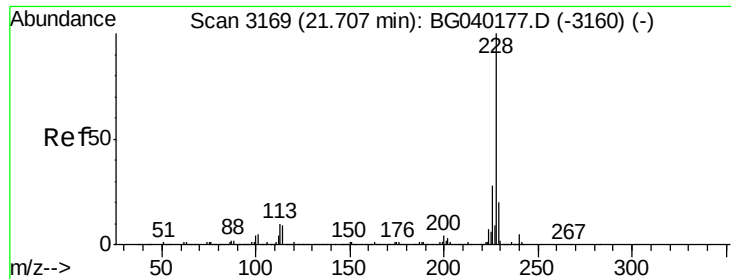


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.249 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

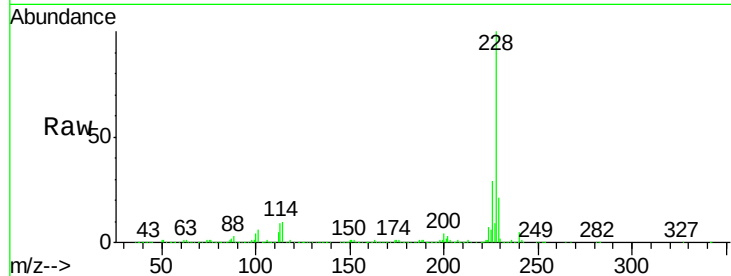
Tot Ion:228 Resp: 938618

Ion Ratio Lower Upper

228 100

226 29.2 22.6 34.0

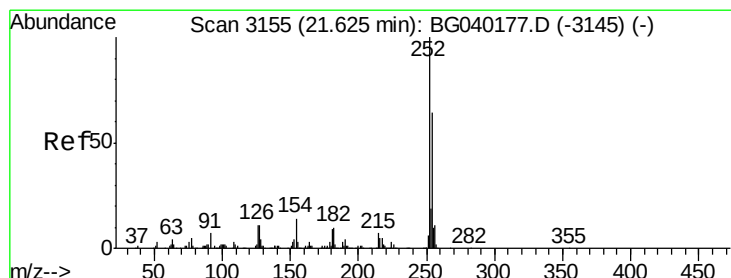
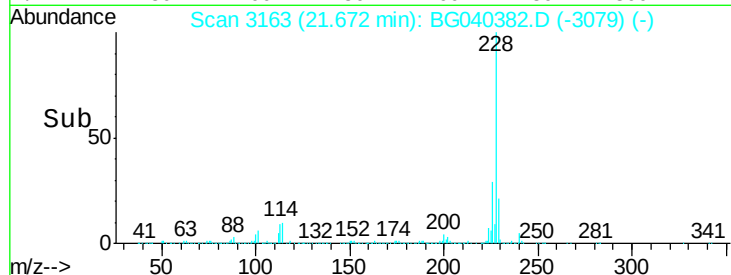
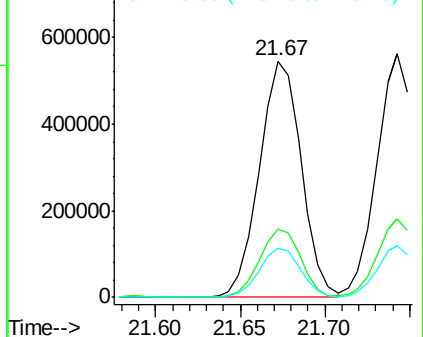
229 20.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.559 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

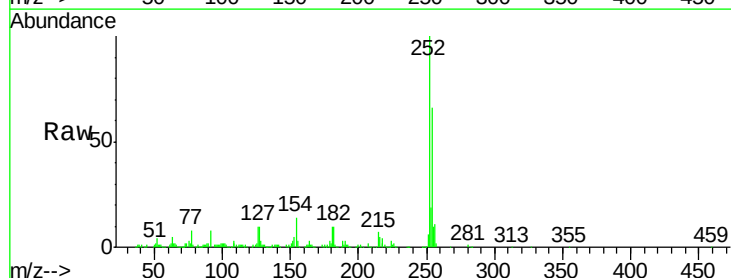
Tgt Ion:252 Resp: 262224

Ion Ratio Lower Upper

252 100

254 65.8 51.4 77.2

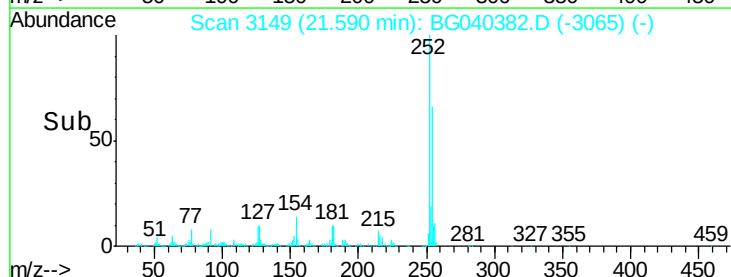
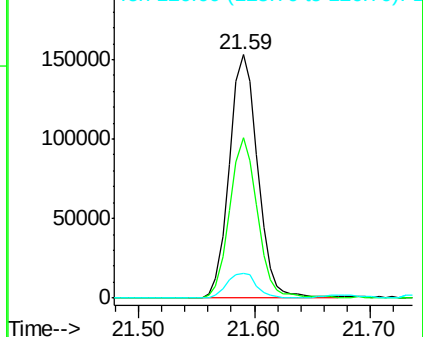
126 10.2 8.5 12.7

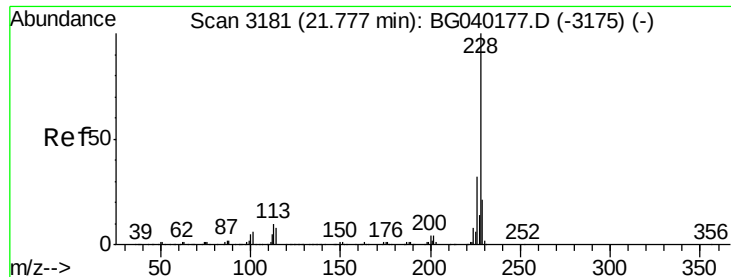


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.651 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

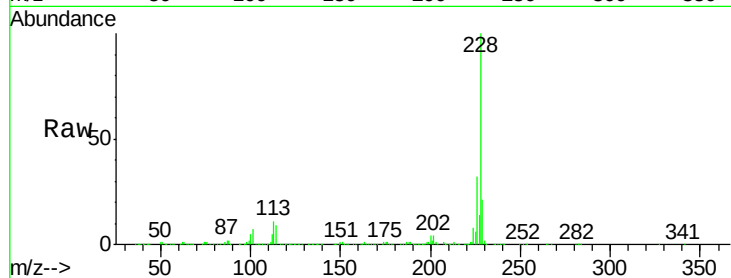
Tot Ion:228 Resp: 911075

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.0

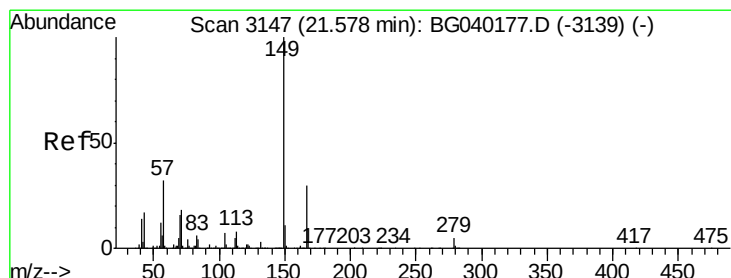
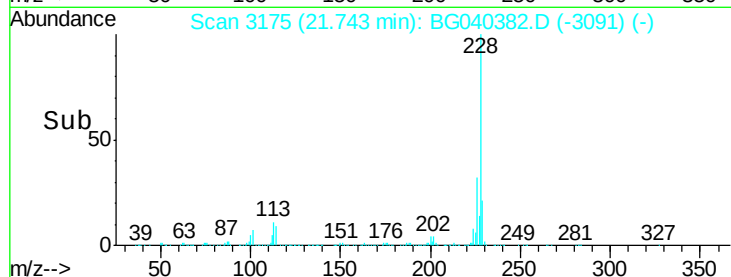
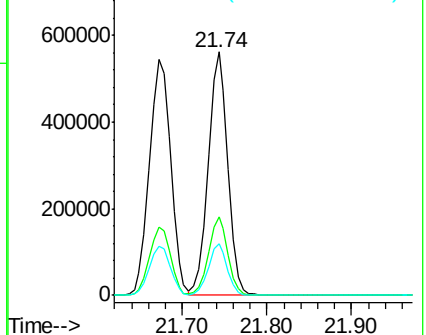
229 21.0 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.718 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

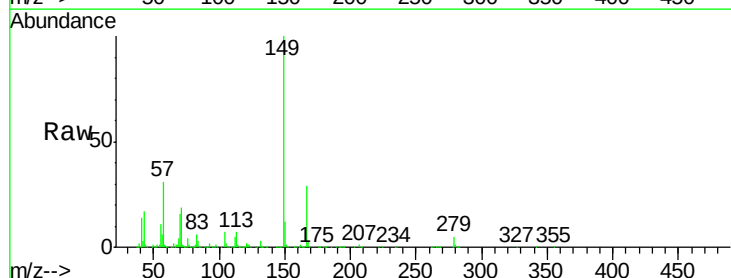
Tgt Ion:149 Resp: 620124

Ion Ratio Lower Upper

149 100

167 28.7 24.1 36.1

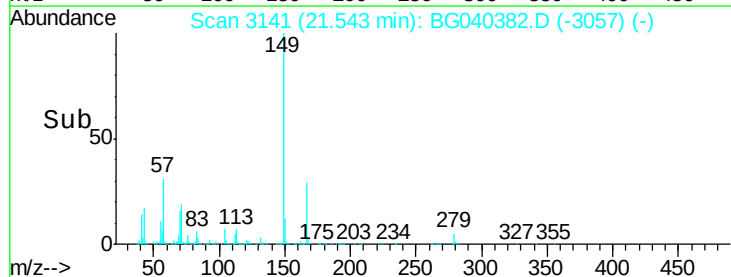
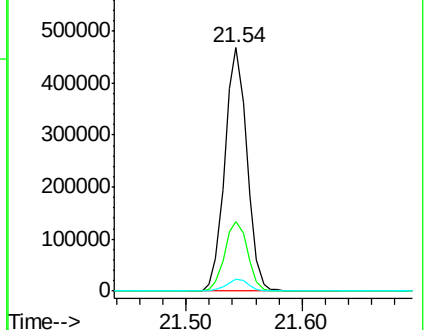
279 4.7 4.1 6.1

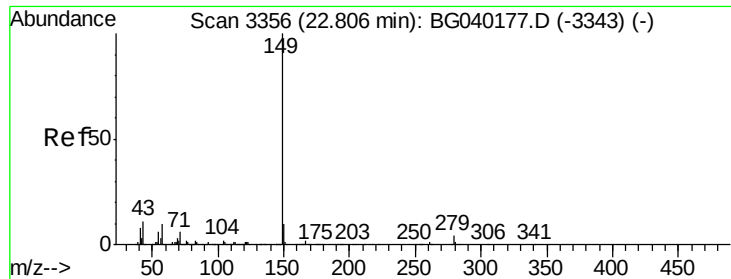


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.283 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

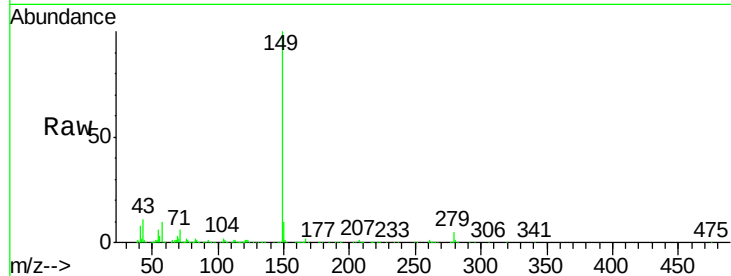
Tot Ion:149 Resp: 1071204

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

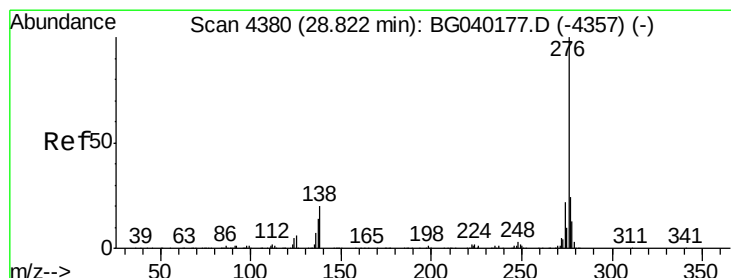
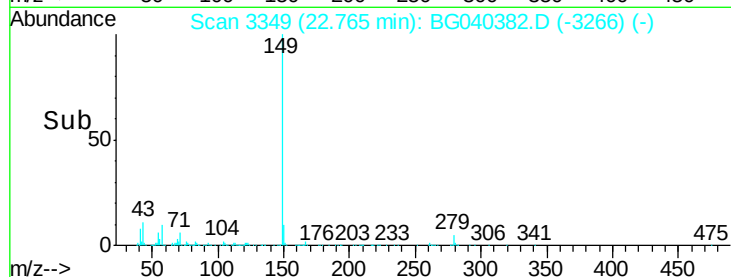
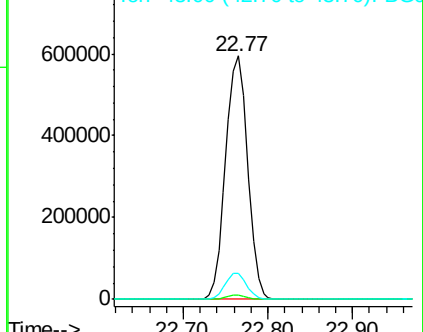
43 10.5 8.7 13.1



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: 41.450 ng

RT: 28.73 min Scan# 4364

Delta R.T. -0.09 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

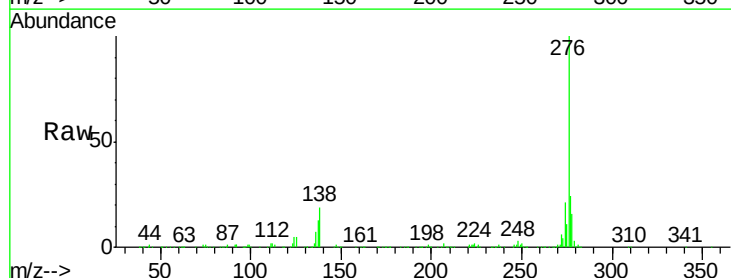
Tgt Ion:276 Resp: 1136211

Ion Ratio Lower Upper

276 100

138 13.7 18.8 28.2#

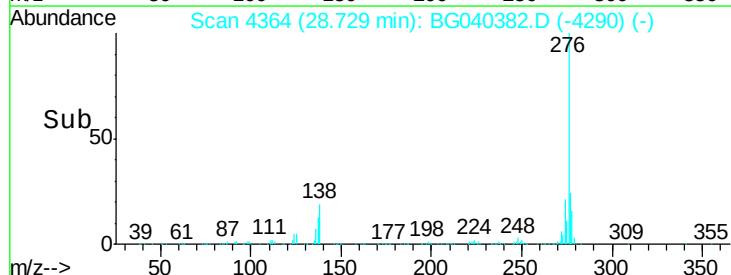
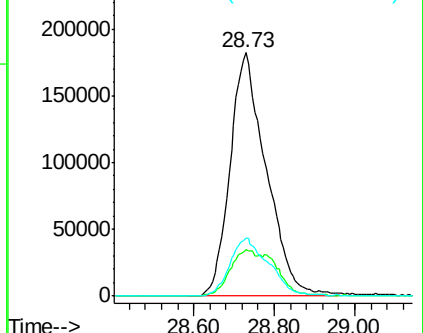
277 25.4 21.0 31.4

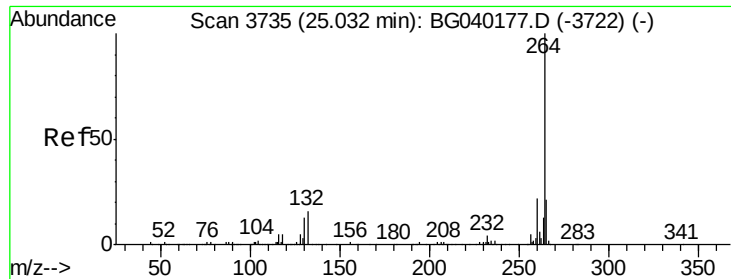


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



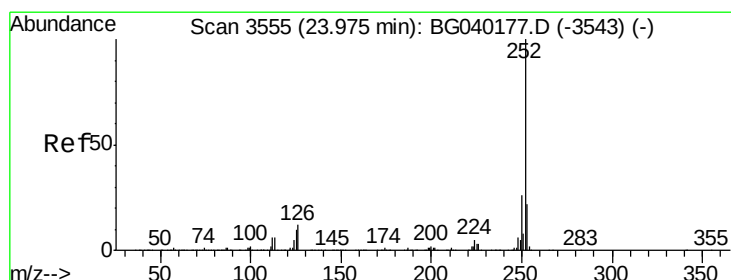
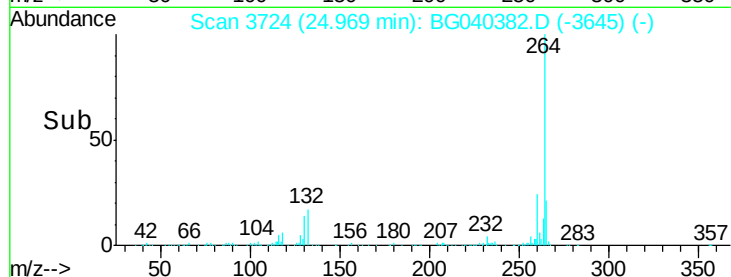
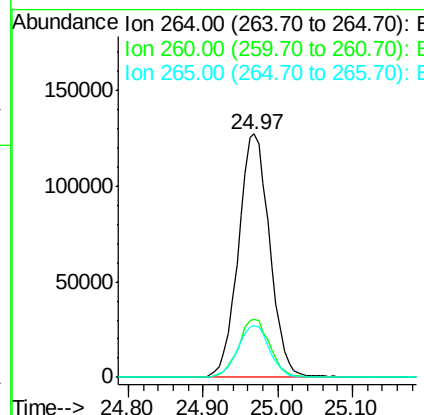
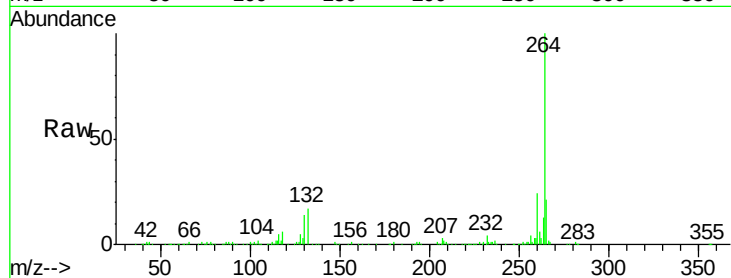


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion:264 Resp: 370167

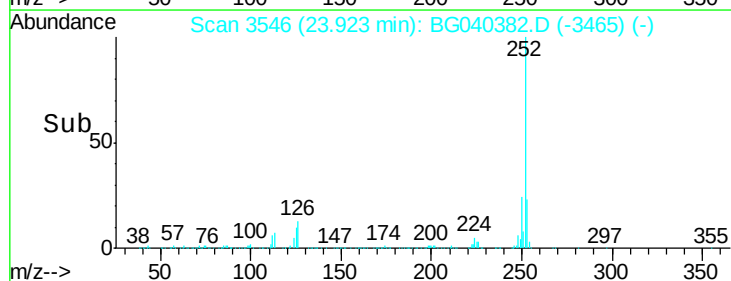
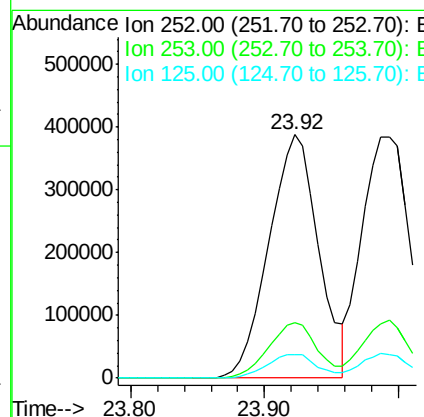
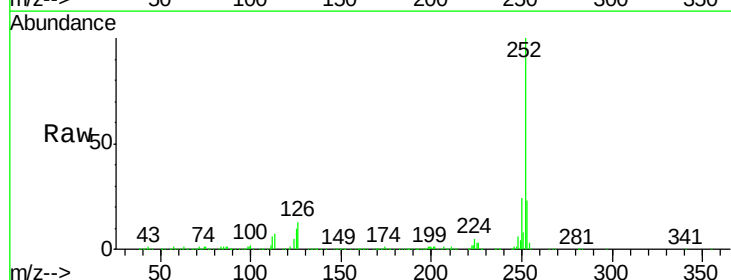
Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	21.1	16.8	25.2

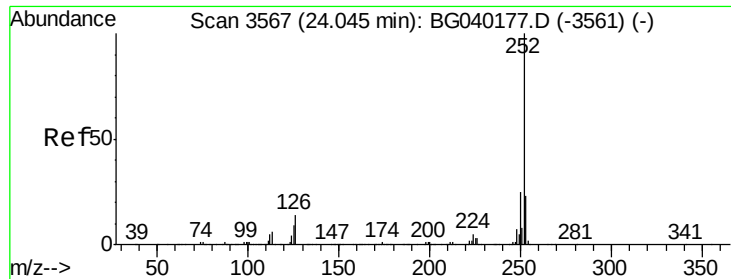


#88
Benzo(b)fluoranthene
Concen: 44.184 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion:252 Resp: 1001338

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.9	8.2	12.4

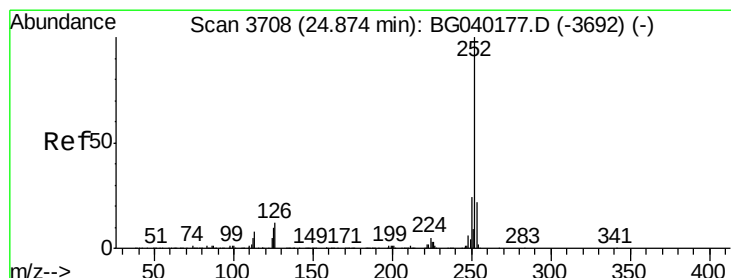
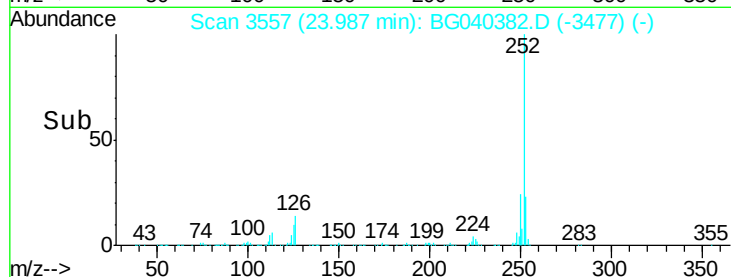
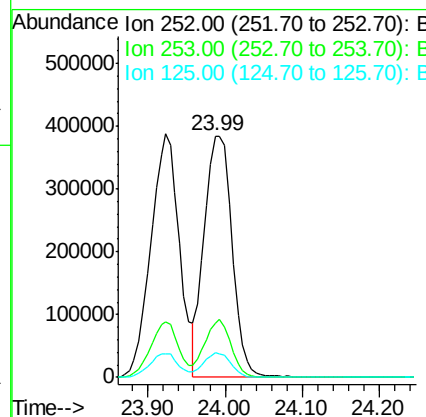
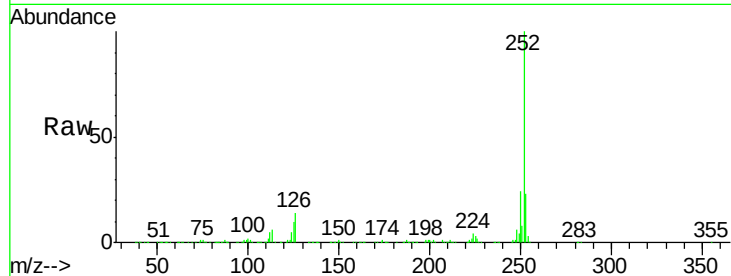




#89
Benzo(k)fluoranthene
Concen: 46.038 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.06 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

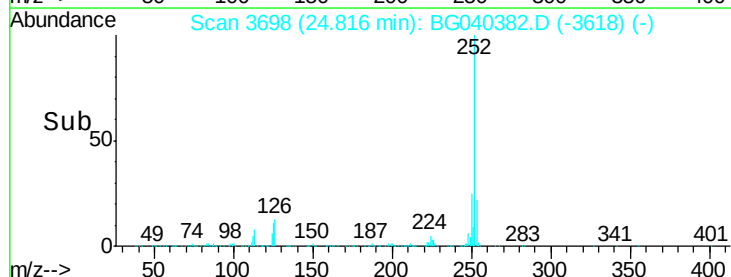
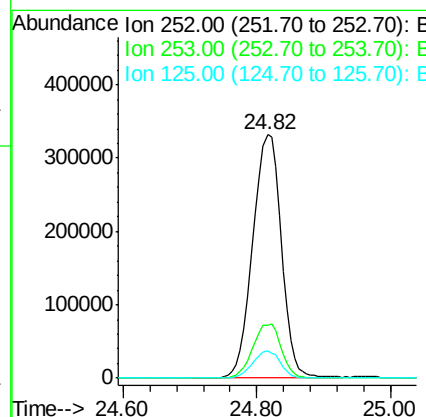
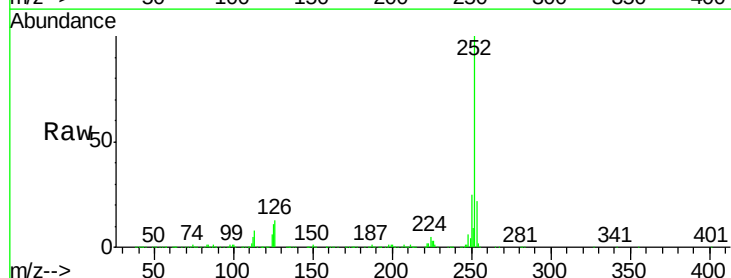
Instrument :
BNA_G
ClientSampleId :
PB118644BS

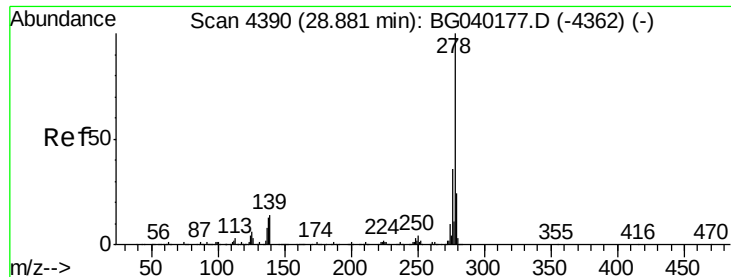
Tot Ion:252 Resp: 959484
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 10.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 45.938 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion:252 Resp: 976821
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 11.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 46.531 ng

RT: 28.79 min Scan# 4375

Delta R.T. -0.09 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

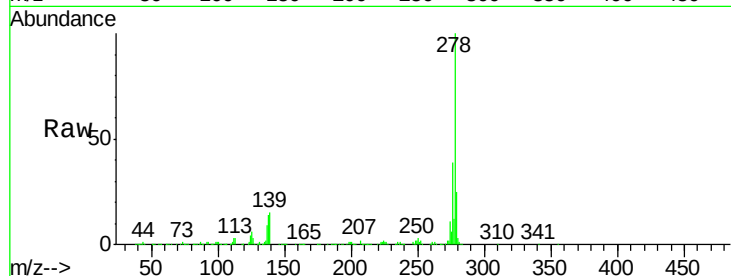
Tot Ion:278 Resp: 918937

Ion Ratio Lower Upper

278 100

139 15.4 11.2 16.8

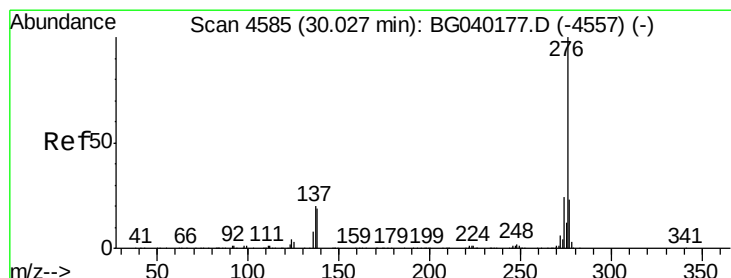
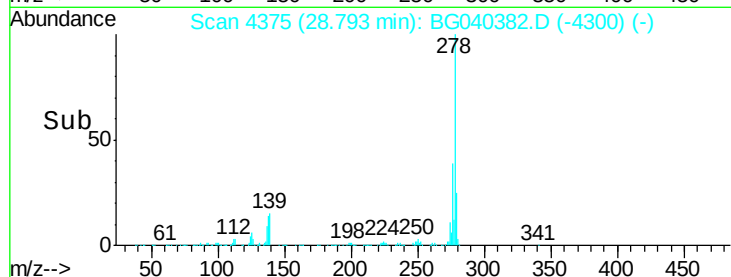
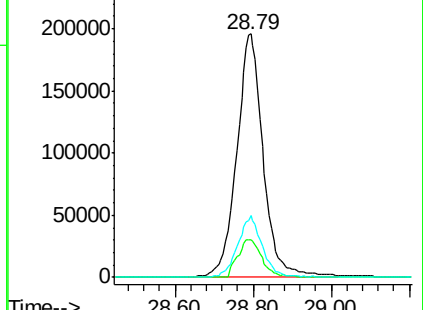
279 25.2 18.9 28.3



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: 46.104 ng

RT: 29.92 min Scan# 4566

Delta R.T. -0.11 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

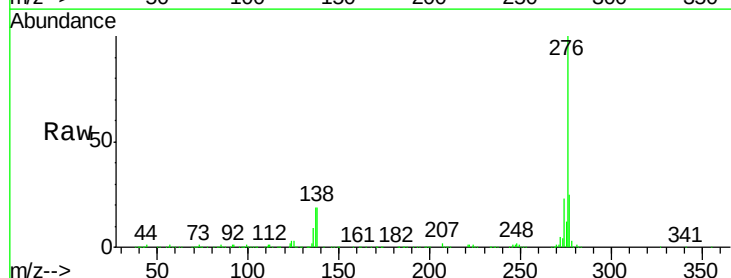
Tgt Ion:276 Resp: 935736

Ion Ratio Lower Upper

276 100

277 25.0 18.6 28.0

138 19.2 15.2 22.8



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

