

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041034.D
 Acq On : 3 Jun 2019 14:59
 Operator : HP/JU
 Sample : PB120101BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Quant Time: Jun 03 17:46:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	62904	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	239942	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	165996	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	431508	20.00	ng	0.00
76) Chrysene-d12	21.78	240	435848	20.00	ng	0.00
87) Perylene-d12	25.12	264	453738	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	514935	147.61	ng	0.00
7) Phenol-d6	7.27	99	712185	132.19	ng	0.00
23) Nitrobenzene-d5	9.30	82	407772	75.45	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	362300	147.02	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	906935	78.68	ng	-0.01
79) Terphenyl-d14	20.09	244	1430308	69.65	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	46646	29.467	ng	94
3) Pyridine	3.92	79	125809	26.859	ng	98
4) n-Nitrosodimethylamine	3.85	42	71030	32.674	ng	# 85
6) Aniline	7.44	93	127403	17.716	ng	98
8) 2-Chlorophenol	7.68	128	128026	30.784	ng	99
9) Benzaldehyde	7.25	77	50627	15.753	ng	# 78
10) Phenol	7.30	94	173631	30.058	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	122757	29.294	ng	93
12) 1,3-Dichlorobenzene	8.01	146	145892	29.371	ng	96
13) 1,4-Dichlorobenzene	8.15	146	142930	28.427	ng	98
14) 1,2-Dichlorobenzene	8.47	146	141481	28.981	ng	97
15) Benzyl Alcohol	8.36	79	144555	29.006	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	192271	28.078	ng	98
17) 2-Methylphenol	8.55	107	121074	28.948	ng	97
18) Hexachloroethane	9.21	117	57054	29.442	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	113375	27.346	ng	98
20) 3+4-Methylphenols	8.88	107	161120	27.810	ng	98
22) Acetophenone	8.95	105	214470	31.864	ng	98
24) Nitrobenzene	9.34	77	177437	32.214	ng	98
25) Isophorone	9.85	82	317831	30.900	ng	98
26) 2-Nitrophenol	10.05	139	75958	33.451	ng	92
27) 2,4-Dimethylphenol	10.09	122	133197	35.517	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	168788	30.404	ng	98
29) 2,4-Dichlorophenol	10.58	162	146805	30.827	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	167053	30.836	ng	96
31) Naphthalene	10.99	128	408061	31.675	ng	98
32) Benzoic acid	10.22	122	81198	31.259	ng	100
33) 4-Chloroaniline	11.10	127	90301	15.107	ng	96
34) Hexachlorobutadiene	11.26	225	123386	29.766	ng	96
35) Caprolactam	11.88	113	47511	30.211	ng	93
36) 4-Chloro-3-methylphenol	12.20	107	171119	31.463	ng	96
37) 2-Methylnaphthalene	12.59	142	304251	30.664	ng	97
38) 1-Methylnaphthalene	12.81	142	289759	30.991	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	225571	33.715	ng	98

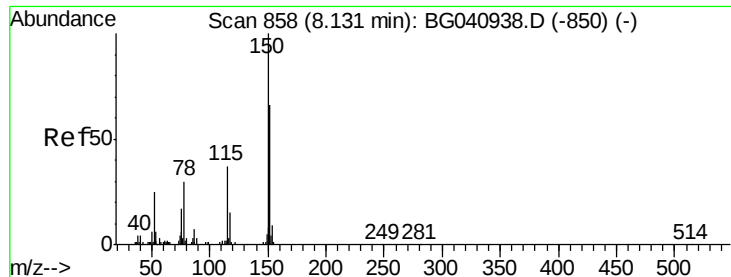
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	250417	70.696	ng	97
43) 2,4,6-Trichlorophenol	13.18	196	145186	33.544	ng	95
44) 2,4,5-Trichlorophenol	13.26	196	151818	33.259	ng	99
46) 1,1'-Biphenyl	13.59	154	413663	33.666	ng	99
47) 2-Chloronaphthalene	13.64	162	345883	32.790	ng	98
48) 2-Nitroaniline	13.84	65	125253	33.098	ng	99
49) Acenaphthylene	14.48	152	537401	33.850	ng	99
50) Dimethylphthalate	14.19	163	452024	32.169	ng	99
51) 2,6-Dinitrotoluene	14.33	165	97847	32.296	ng	94
52) Acenaphthene	14.82	154	314190	32.668	ng	96
53) 3-Nitroaniline	14.66	138	71021	23.443	ng	100
54) 2,4-Dinitrophenol	14.86	184	100958	68.456	ng	94
55) Dibenzofuran	15.15	168	539115	33.313	ng	99
56) 4-Nitrophenol	14.95	139	156117	75.129	ng	94
57) 2,4-Dinitrotoluene	15.11	165	142541	33.307	ng	98
58) Fluorene	15.80	166	425035	32.979	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	160285	35.731	ng	97
60) Diethylphthalate	15.55	149	461540	32.185	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	269201	32.136	ng	98
62) 4-Nitroaniline	15.82	138	102096	31.832	ng	96
63) Azobenzene	16.07	77	436057	33.456	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	78408	36.431	ng	96
66) n-Nitrosodiphenylamine	16.00	169	394628	32.533	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	178534	30.658	ng	96
68) Hexachlorobenzene	16.79	284	184569	29.765	ng	99
69) Atrazine	16.94	200	169536	36.222	ng	94
70) Pentachlorophenol	17.14	266	213854	65.209	ng	97
71) Phenanthrene	17.54	178	749431	33.343	ng	99
72) Anthracene	17.63	178	771282	34.793	ng	99
73) Carbazole	17.90	167	669515	35.199	ng	100
74) Di-n-butylphthalate	18.43	149	785531	33.228	ng	98
75) Fluoranthene	19.54	202	975289	35.130	ng	98
77) Benzidine	19.72	184	304028	29.241	ng	97
78) Pyrene	19.90	202	985815	34.794	ng	98
80) Butylbenzylphthalate	20.77	149	369921	33.550	ng	98
81) Benzo(a)anthracene	21.75	228	962796	33.185	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	238437	23.366	ng	96
83) Chrysene	21.83	228	938868	33.816	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	505626	32.576	ng	98
85) Di-n-octyl phthalate	22.87	149	864348	33.437	ng	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1099026	32.314	ng	# 98
88) Benzo(b)fluoranthene	24.04	252	960111	34.887	ng	100
89) Benzo(k)fluoranthene	24.12	252	957818	35.170	ng	100
90) Benzo(a)pyrene	24.96	252	949051	36.145	ng	97
91) Dibenzo(a,h)anthracene	29.01	278	887789	33.838	ng	98
92) Benzo(g,h,i)perylene	30.16	276	895684	35.140	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

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PB120101BS

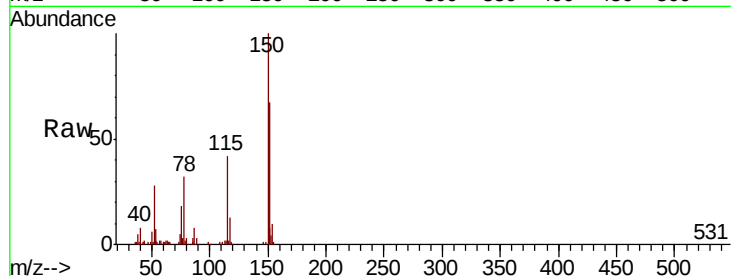
Tot Ion:152 Resp: 62904

Ion Ratio Lower Upper

152 100

150 149.9 120.6 180.8

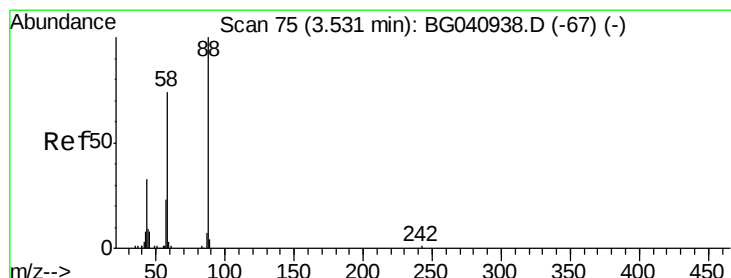
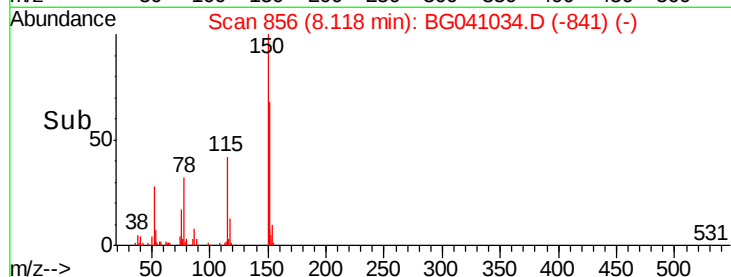
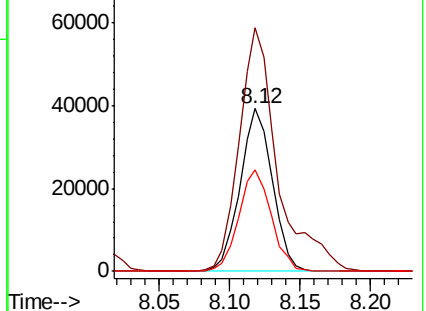
115 62.5 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.467 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.02 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

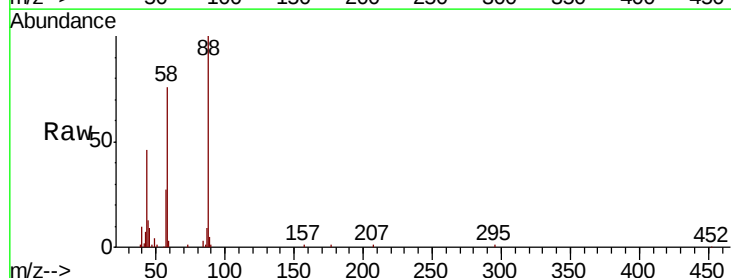
Tgt Ion: 88 Resp: 46646

Ion Ratio Lower Upper

88 100

58 78.3 59.0 88.6

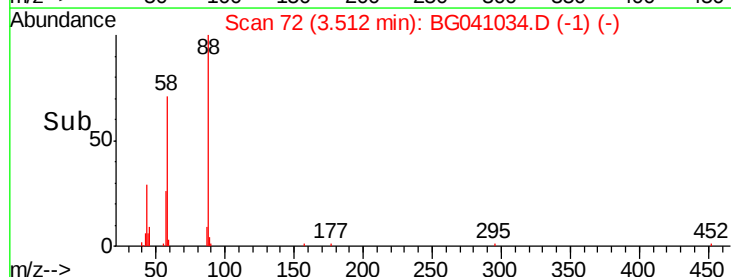
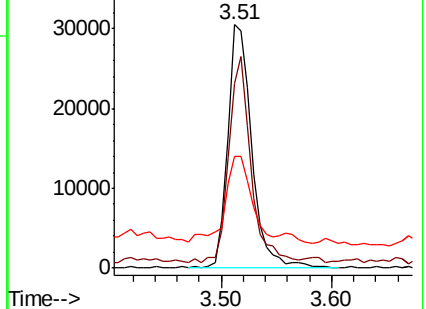
43 37.5 27.2 40.8

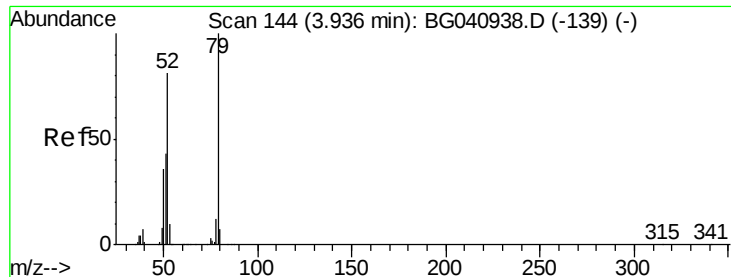


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.859 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

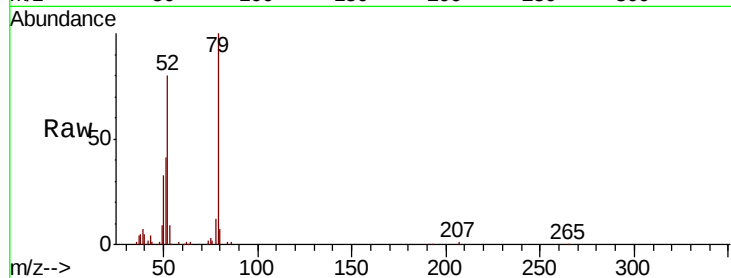
Tot Ion: 79 Resp: 125809

Ion Ratio Lower Upper

79 100

52 80.5 64.8 97.2

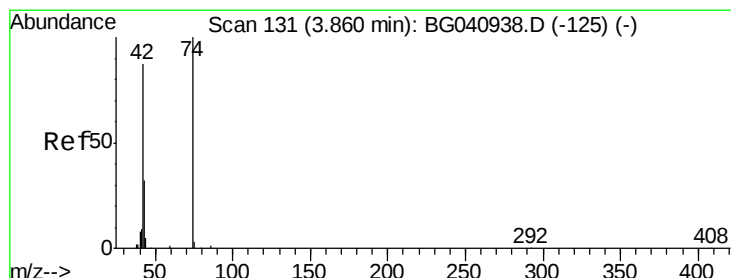
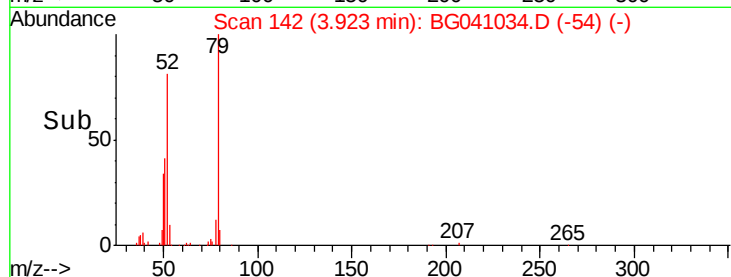
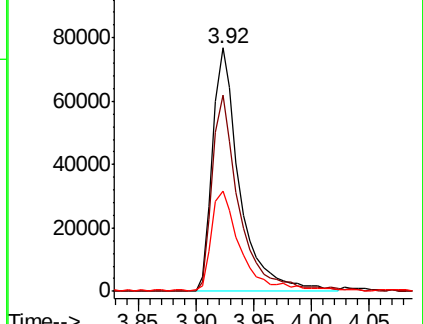
51 41.0 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 32.674 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

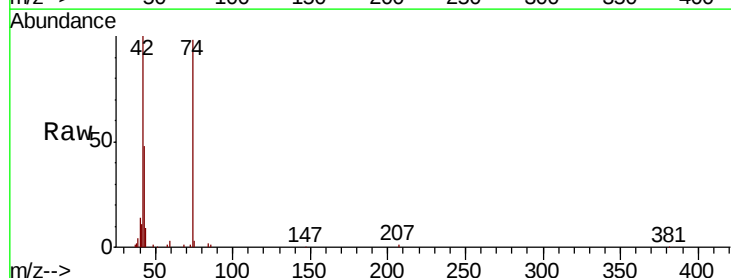
Tgt Ion: 42 Resp: 71030

Ion Ratio Lower Upper

42 100

74 98.3 91.8 137.6

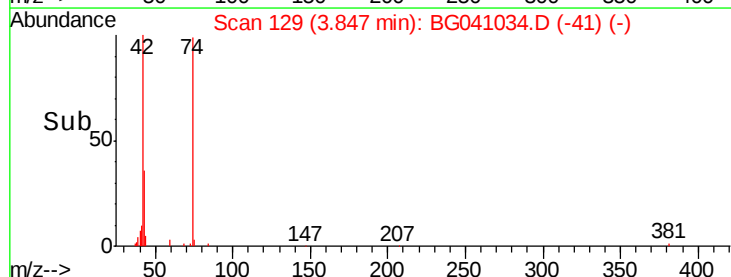
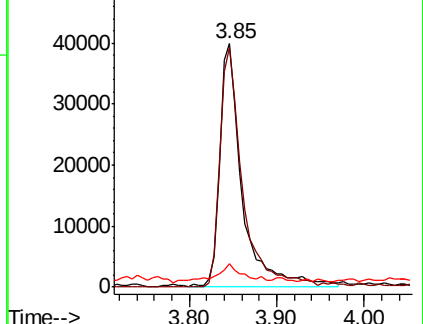
44 9.4 6.0 9.0#

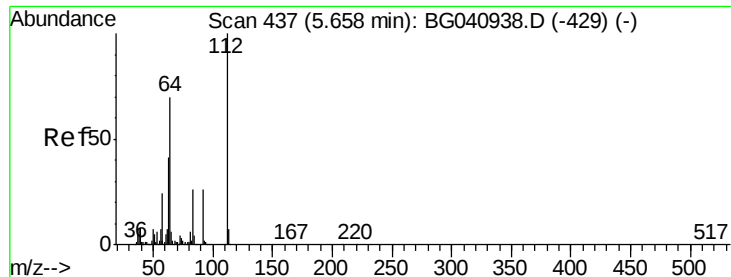


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 147.612 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

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PB120101BS

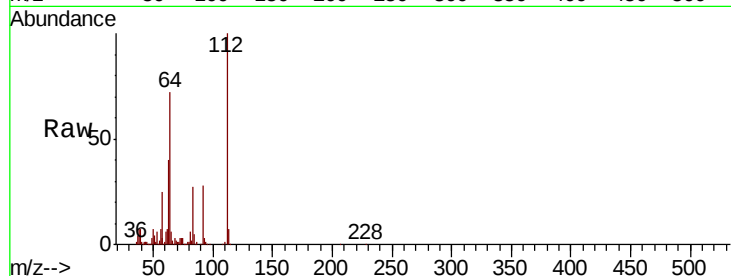
Tot Ion:112 Resp: 514935

Ion Ratio Lower Upper

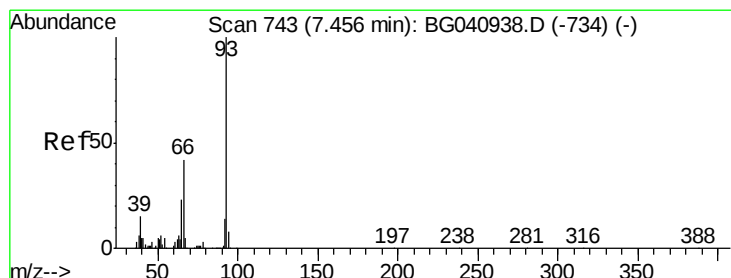
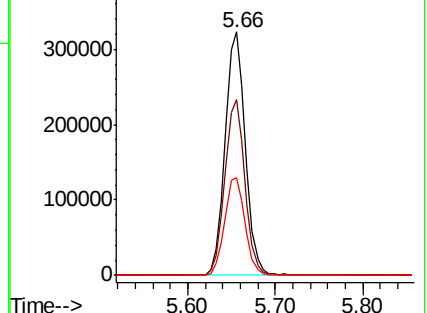
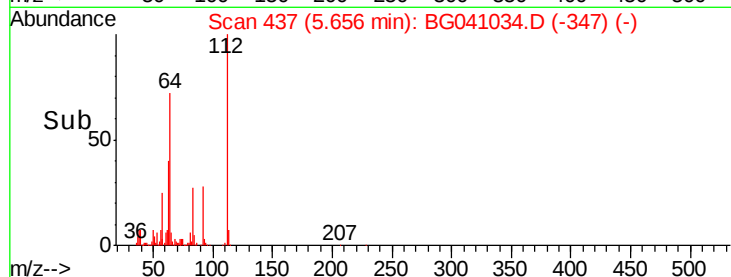
112 100

64 72.2 56.2 84.2

63 39.9 32.8 49.2



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



#6

Aniline

Concen: 17.716 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

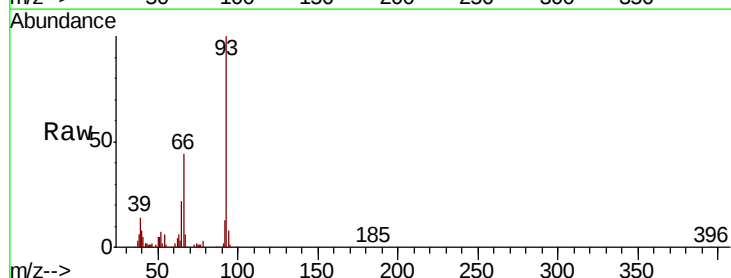
Tgt Ion: 93 Resp: 127403

Ion Ratio Lower Upper

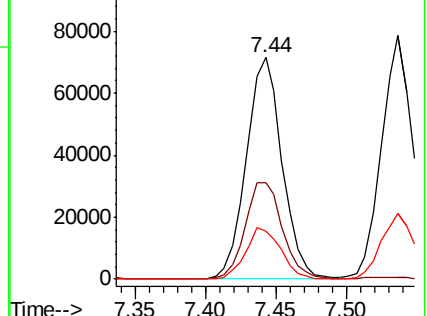
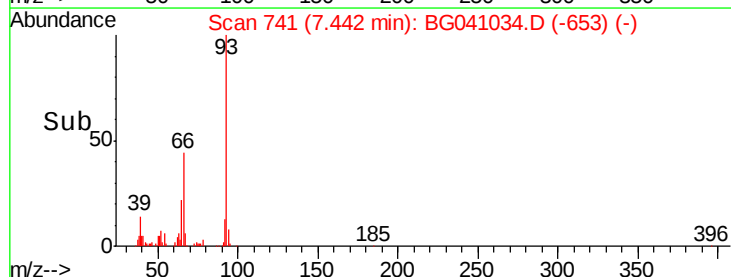
93 100

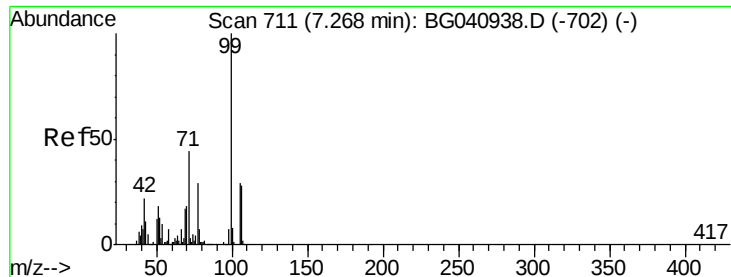
66 43.6 33.8 50.8

65 21.6 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.191 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

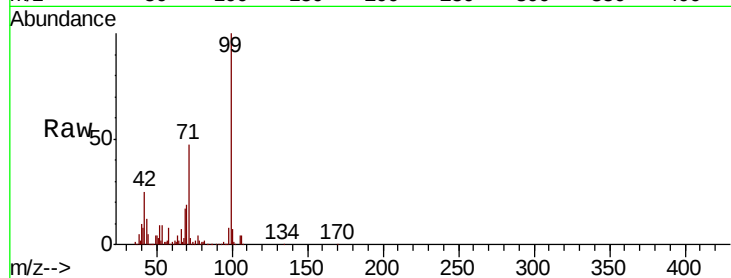
BNA_G

ClientSampleId :

PB120101BS

Tot Ion: 99 Resp: 712185

Ion	Ratio	Lower	Upper
99	100		
42	24.9	17.9	26.9
71	46.9	35.4	53.0

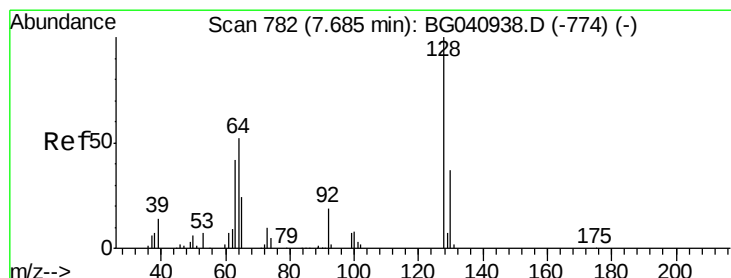
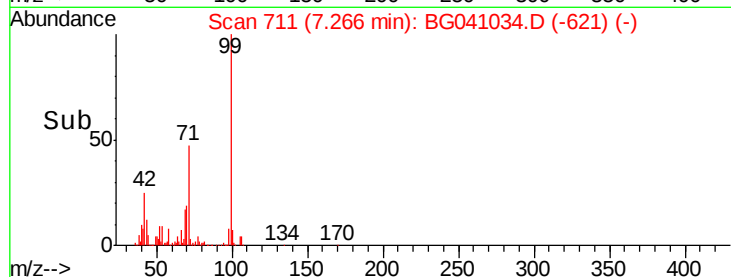
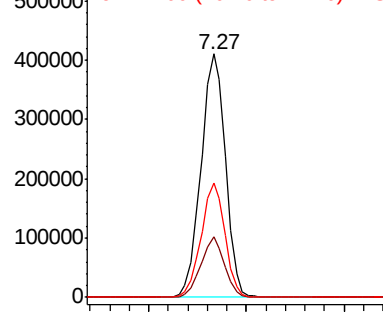


Abundance

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: 30.784 ng

RT: 7.68 min Scan# 781

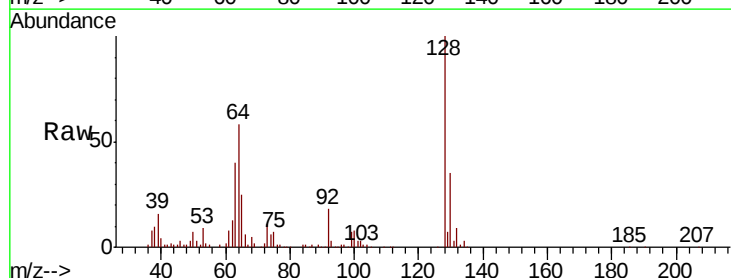
Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion: 128 Resp: 128026

Ion	Ratio	Lower	Upper
128	100		
130	35.1	16.6	56.6
64	57.5	37.8	77.8

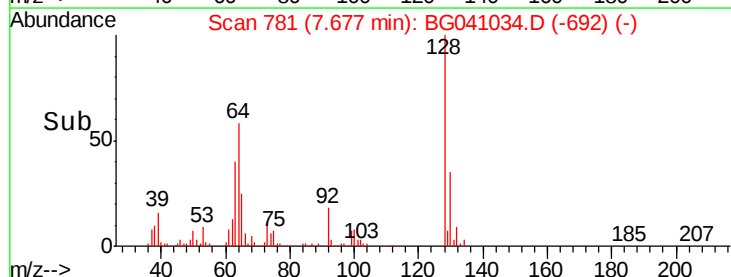
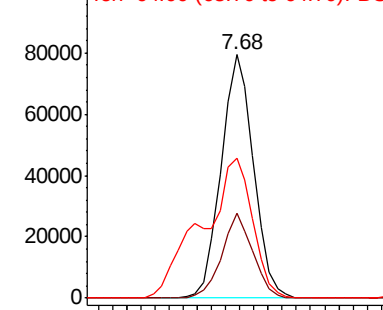


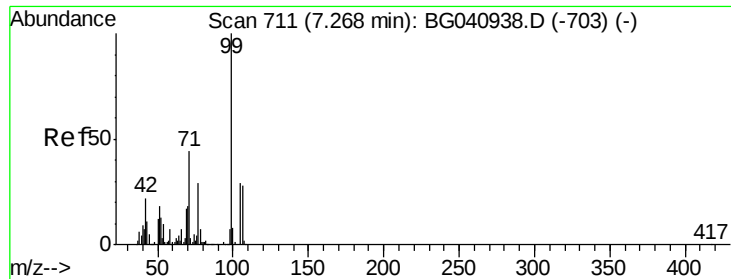
Abundance

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: 15.753 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

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PB120101BS

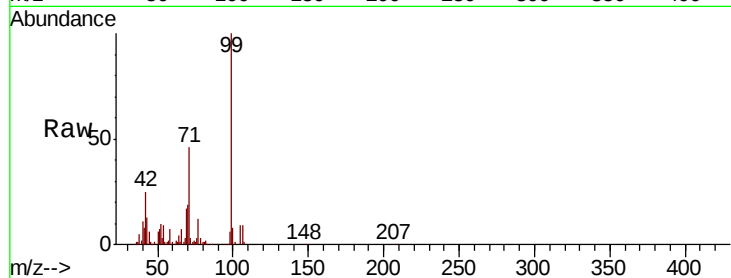
Tot Ion: 77 Resp: 50627

Ion Ratio Lower Upper

77 100

105 76.3 78.9 118.9#

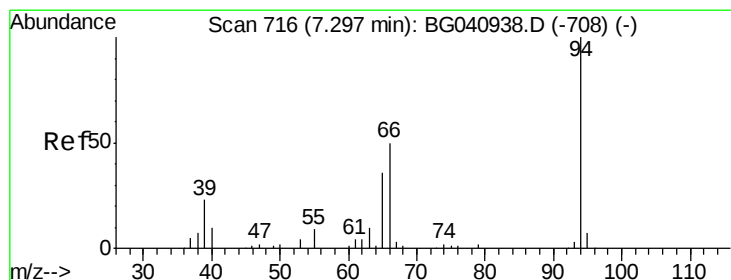
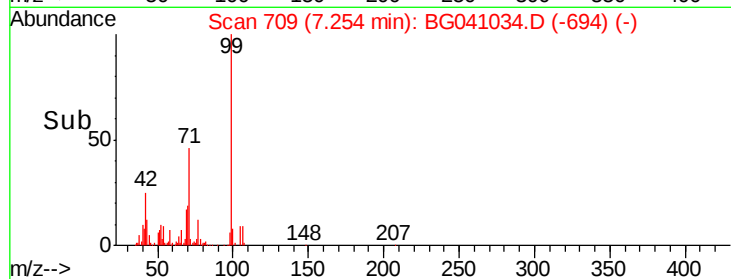
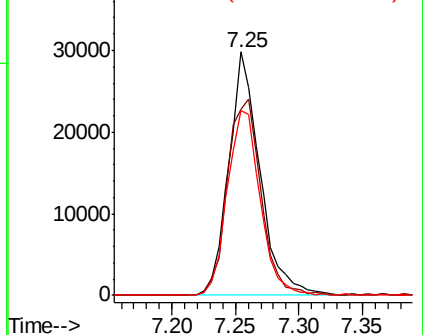
106 75.9 76.7 116.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 30.058 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

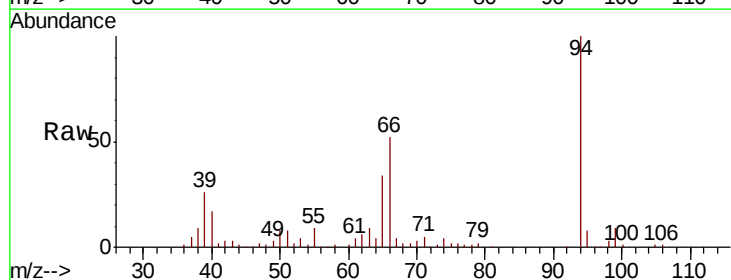
Tgt Ion: 94 Resp: 173631

Ion Ratio Lower Upper

94 100

65 33.5 17.0 57.0

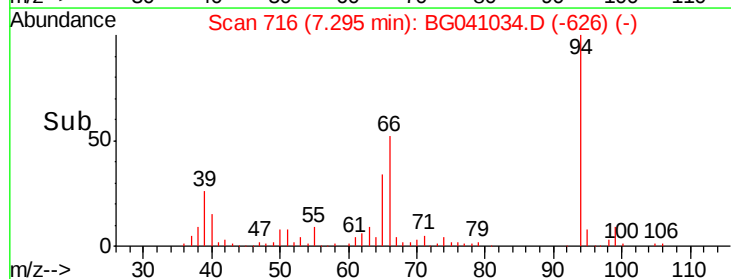
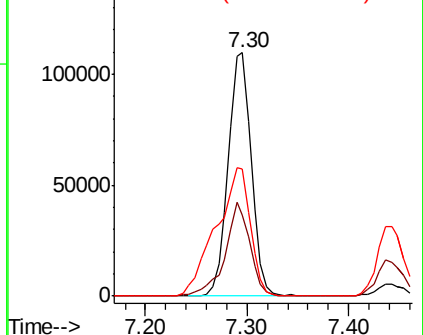
66 52.2 32.4 72.4

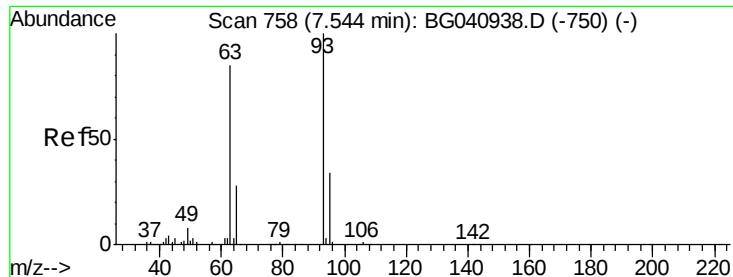


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 29.294 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

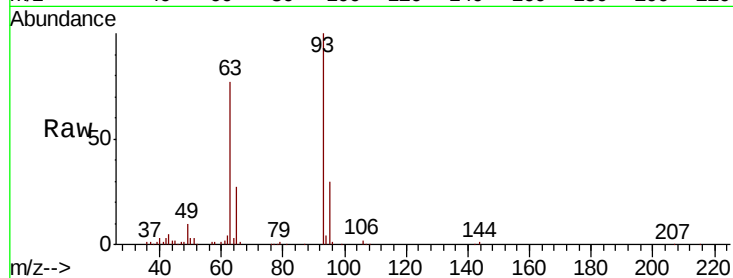
Tot Ion: 93 Resp: 122757

Ion Ratio Lower Upper

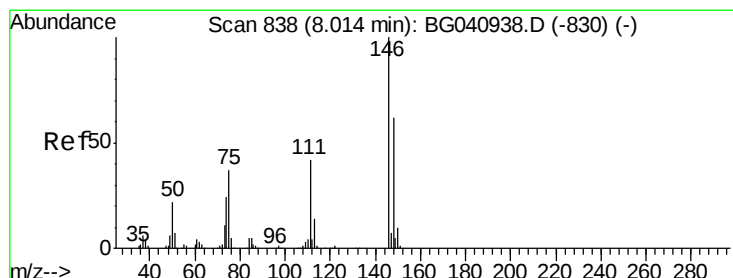
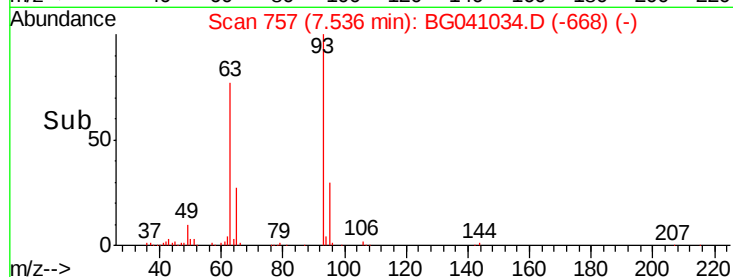
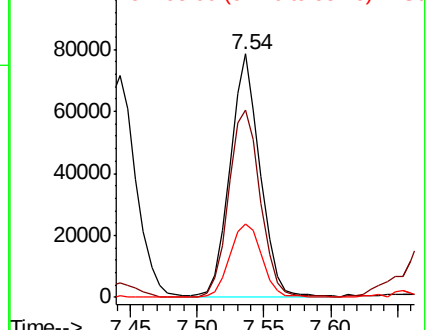
93 100

63 77.0 64.5 104.5

95 30.4 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 29.371 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

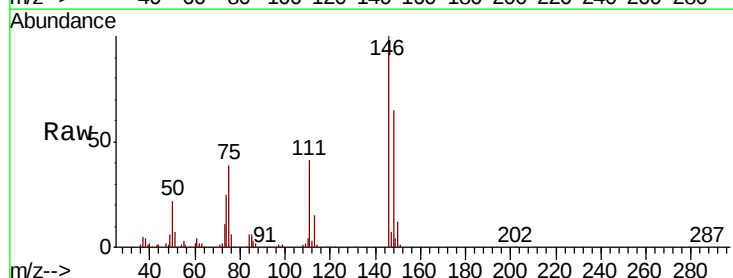
Tgt Ion: 146 Resp: 145892

Ion Ratio Lower Upper

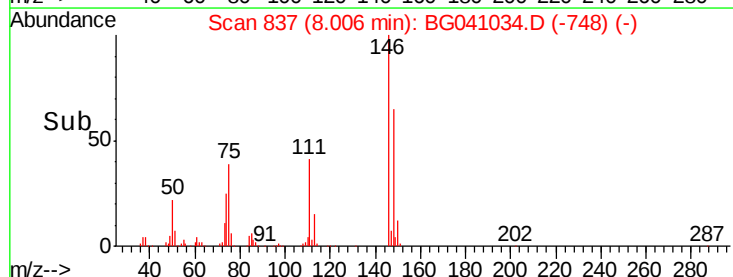
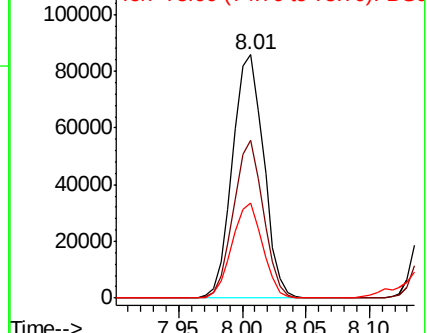
146 100

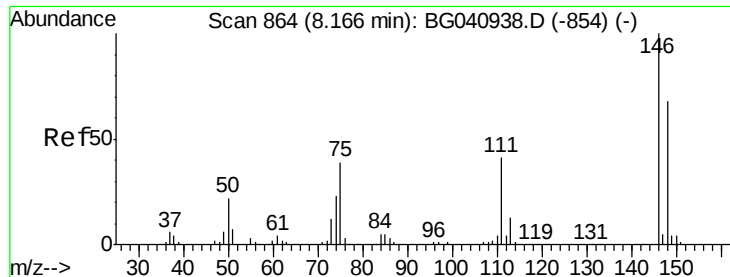
148 64.8 49.2 73.8

75 39.1 29.4 44.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

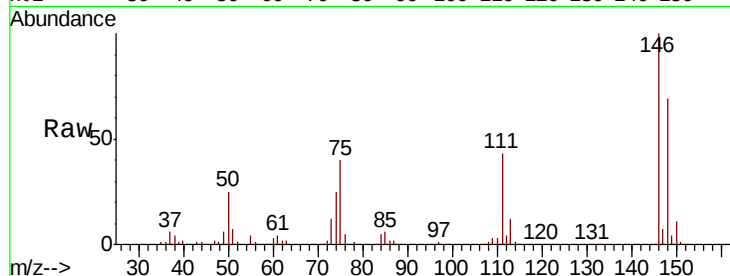




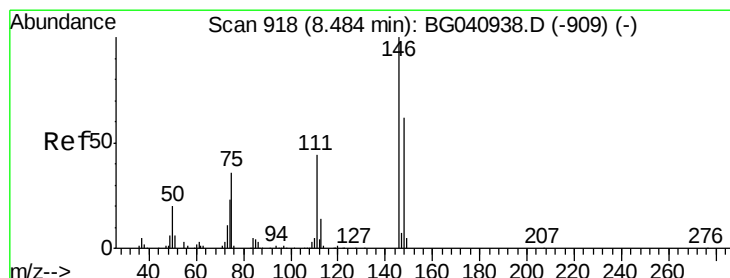
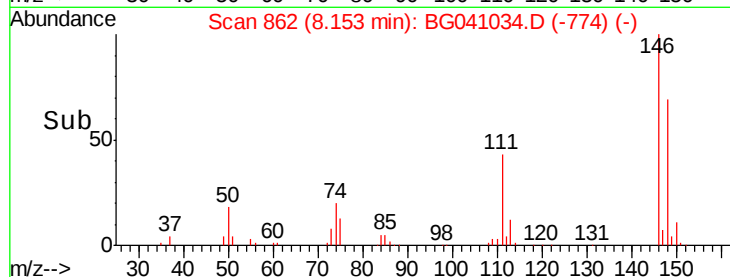
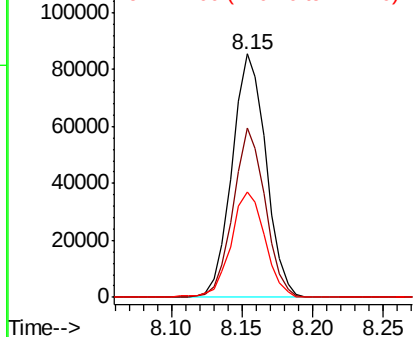
#13
 1,4-Dichlorobenzene
 Concen: 28.427 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion:146 Resp: 142930
 Ion Ratio Lower Upper
 146 100
 148 69.3 54.2 81.4
 111 43.2 32.9 49.3

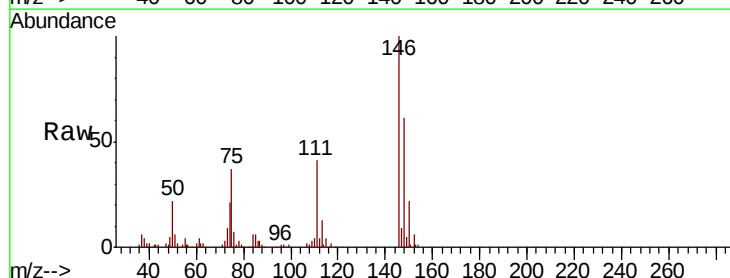


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

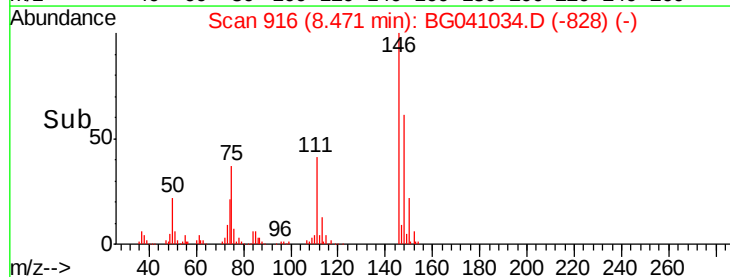
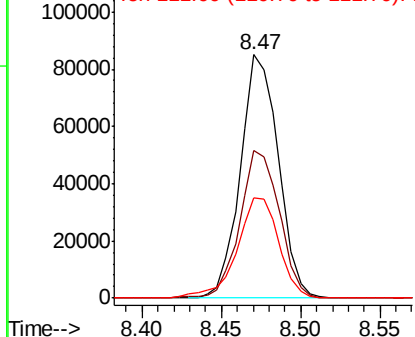


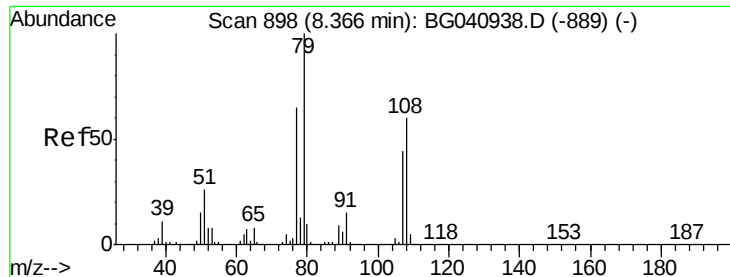
#14
 1,2-Dichlorobenzene
 Concen: 28.981 ng
 RT: 8.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion:146 Resp: 141481
 Ion Ratio Lower Upper
 146 100
 148 60.7 49.8 74.6
 111 41.1 35.0 52.4



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





#15

Benzyl Alcohol

Concen: 29.006 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleID :

PB120101BS

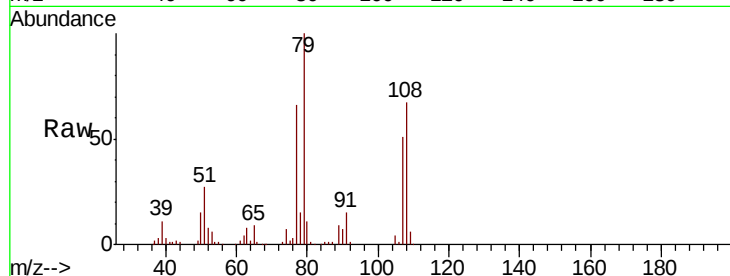
Tot Ion: 79 Resp: 144555

Ion Ratio Lower Upper

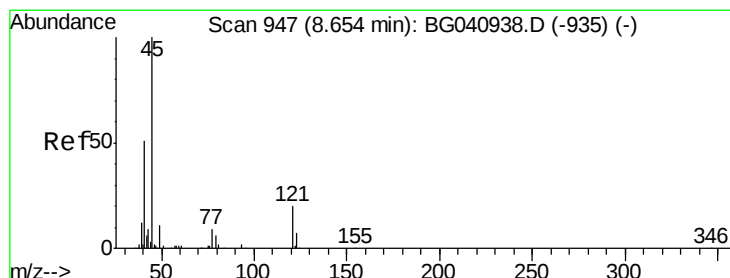
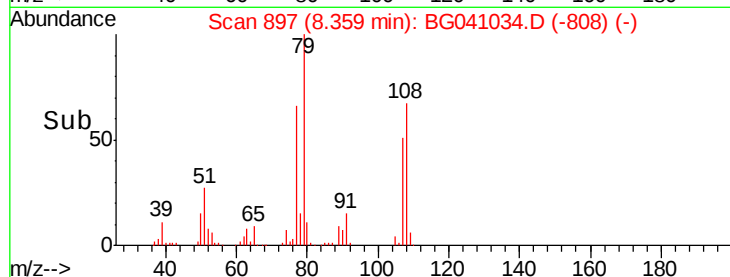
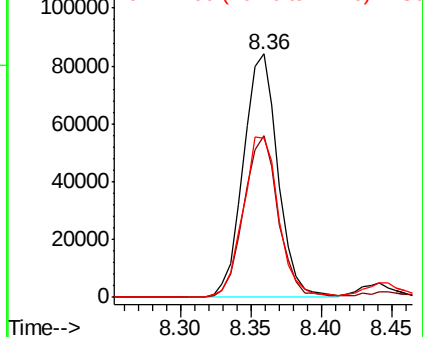
79 100

108 66.5 48.3 72.5

77 65.6 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.078 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

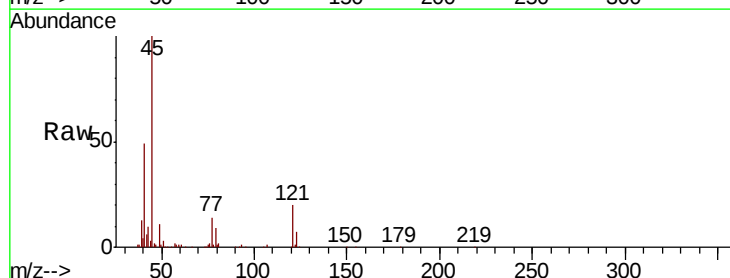
Tgt Ion: 45 Resp: 192271

Ion Ratio Lower Upper

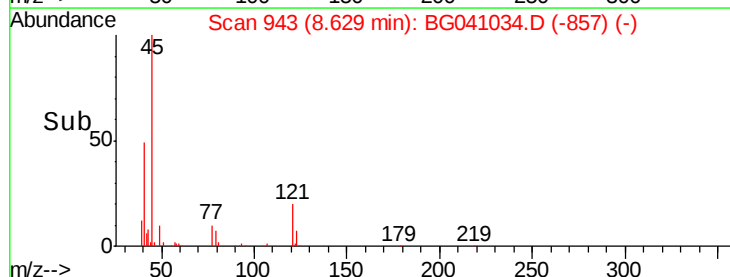
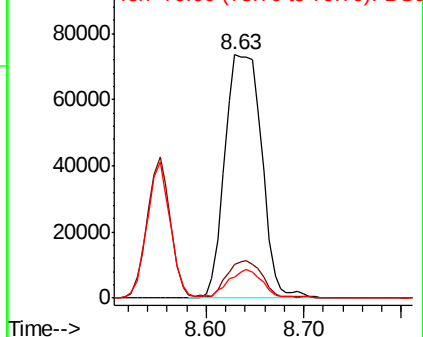
45 100

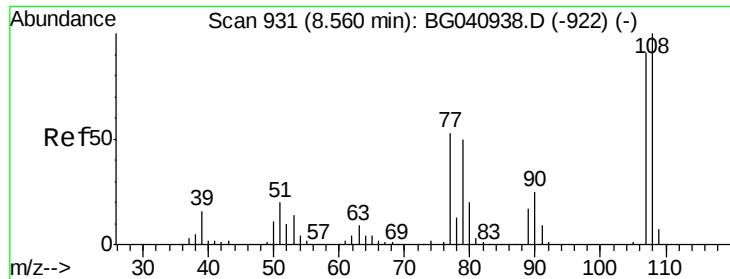
77 13.9 0.0 33.7

79 8.7 0.0 30.2



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

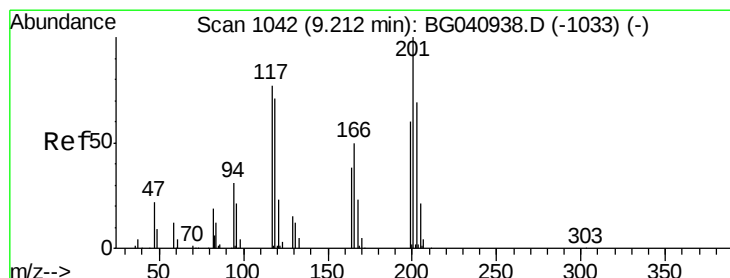
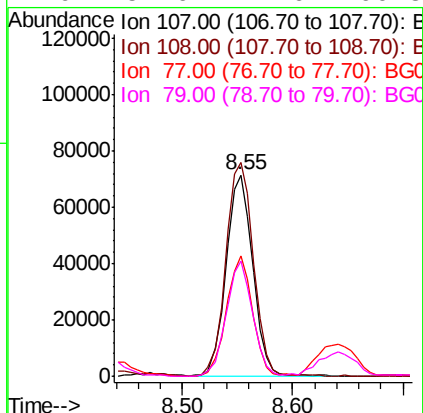
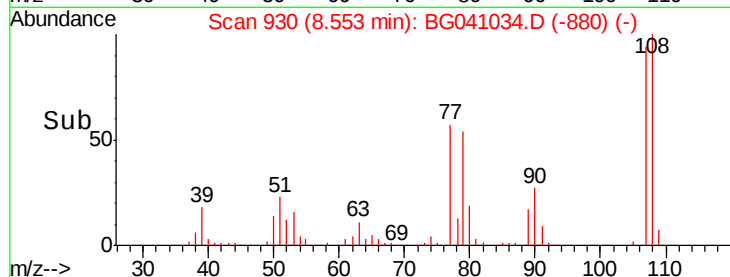
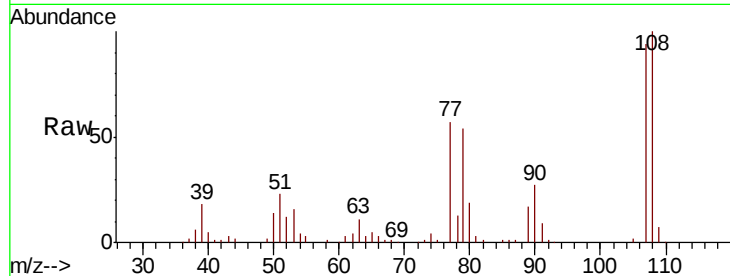




#17
2-Methylphenol
Concen: 28.948 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

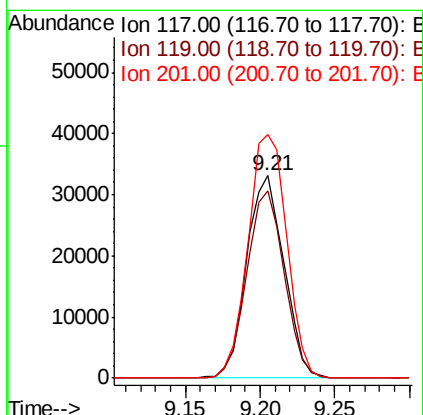
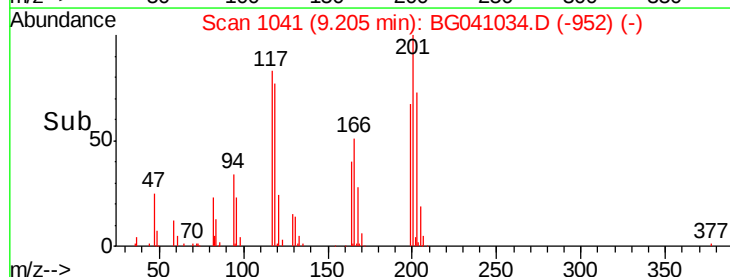
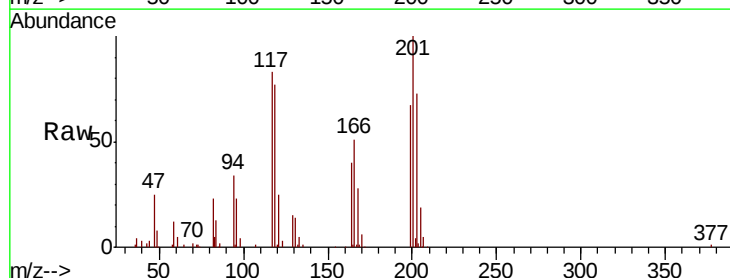
Instrument :
BNA_G
ClientSampleId :
PB120101BS

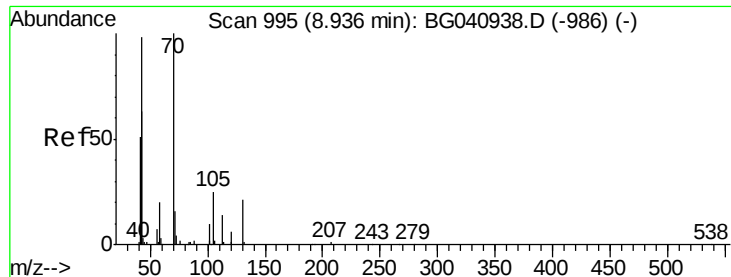
Tot Ion:	107	Resp:	121074
Ion	Ratio	Lower	Upper
107	100		
108	106.2	87.7	131.5
77	60.1	46.6	70.0
79	57.6	44.6	66.8



#18
Hexachloroethane
Concen: 29.442 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:	117	Resp:	57054
Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.0	112.6
201	120.4	103.5	155.3





#19

n-Nitroso-di-n-propylamine

Concen: 27.346 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion: 70 Resp: 113375

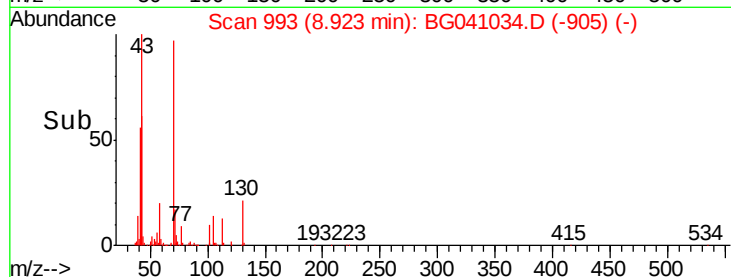
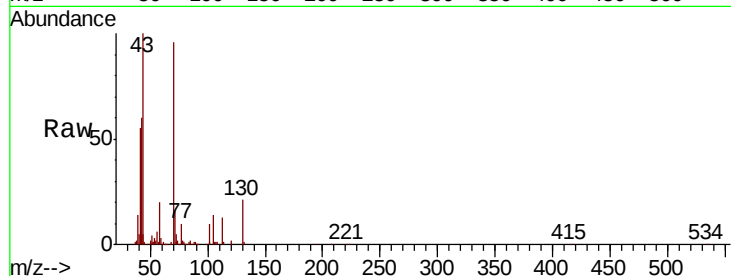
Ion Ratio Lower Upper

70 100

42 62.4 51.5 77.3

101 10.1 8.1 12.1

130 21.6 16.6 24.8



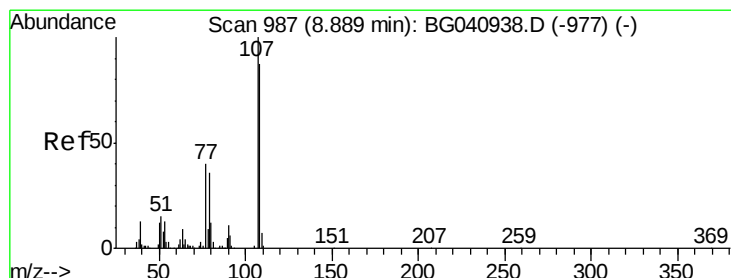
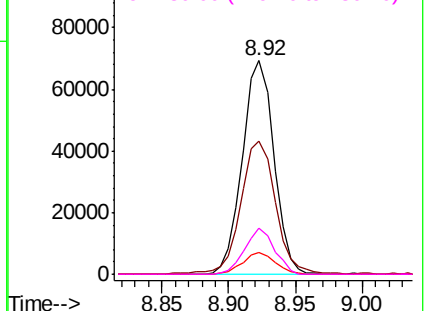
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 27.810 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion: 107 Resp: 161120

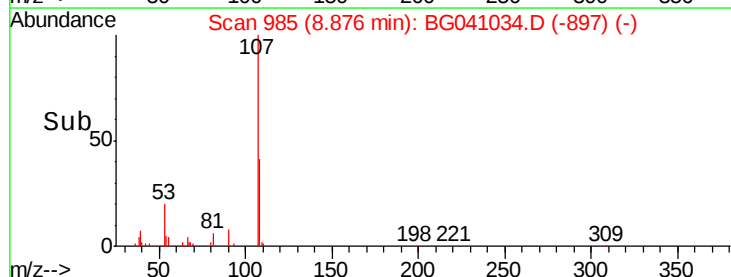
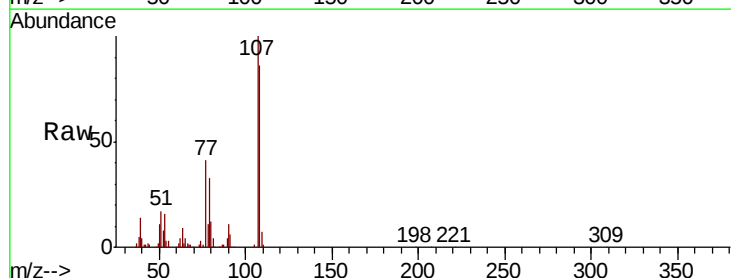
Ion Ratio Lower Upper

107 100

108 86.1 66.8 106.8

77 41.3 20.5 60.5

79 32.8 15.8 55.8



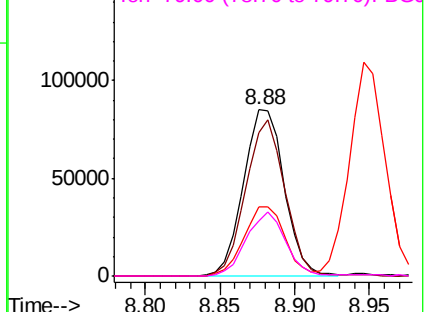
Abundance

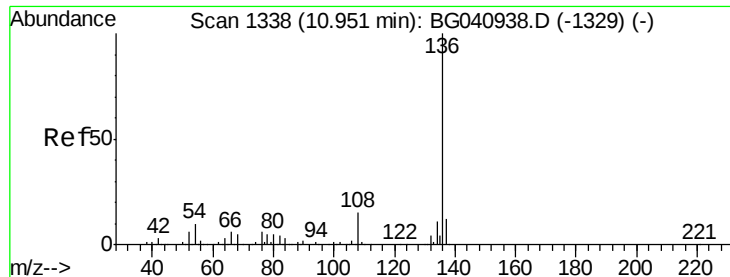
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

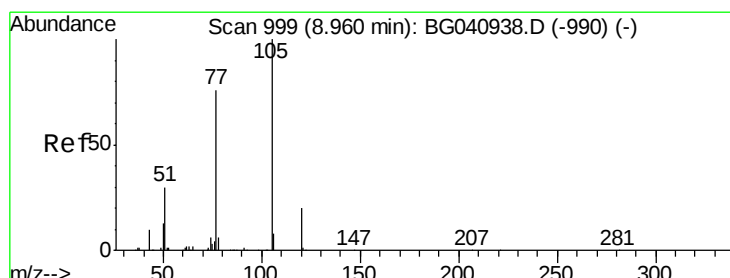
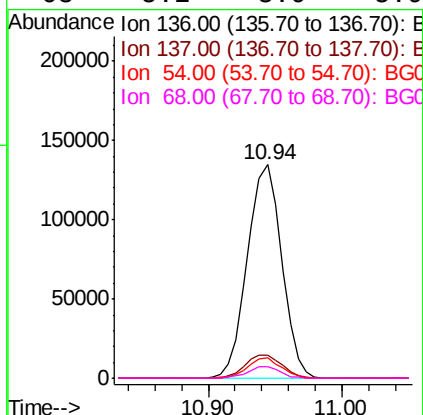
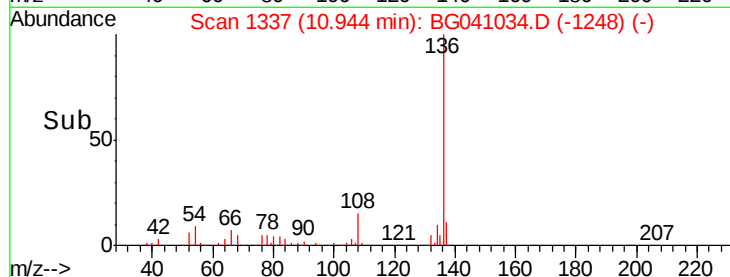
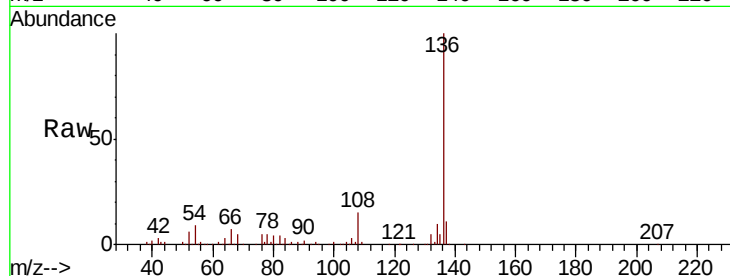




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

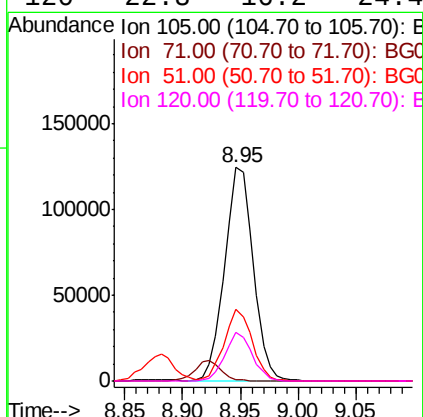
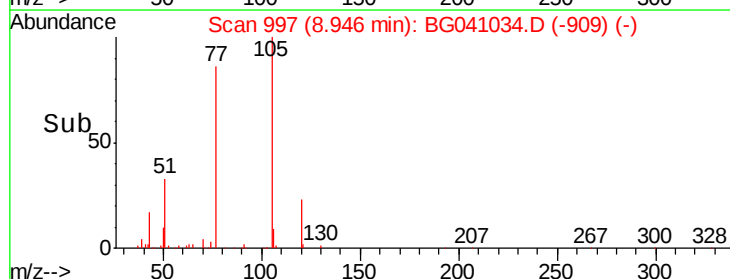
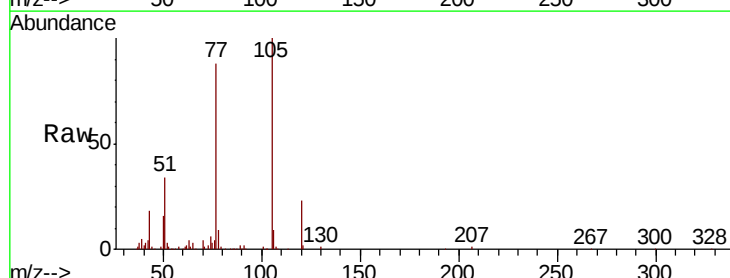
Instrument :
BNA_G
ClientSampleId :
PB120101BS

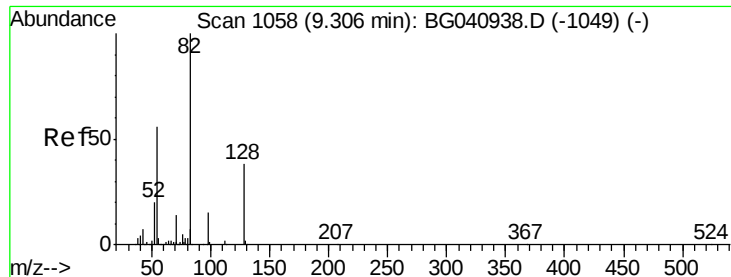
Tot Ion:136	Resp:	239942	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.5	14.3	
54 9.5	7.6	11.4	
68 5.2	3.9	5.9	



#22
Acetophenone
Concen: 31.864 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ion:105	Resp:	214470
	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6
51	33.8	27.0	40.6
120	22.8	16.2	24.4





#23

Nitrobenzene-d5

Concen: 75.445 ng

RT: 9.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

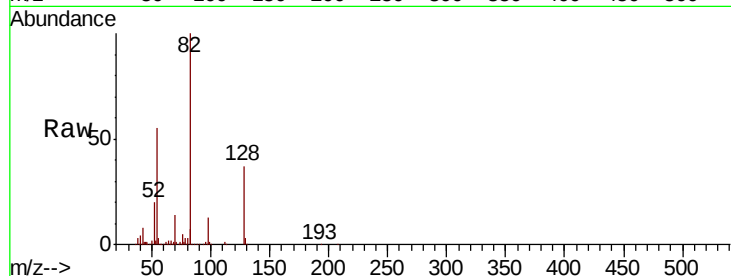
Tot Ion: 82 Resp: 407772

Ion Ratio Lower Upper

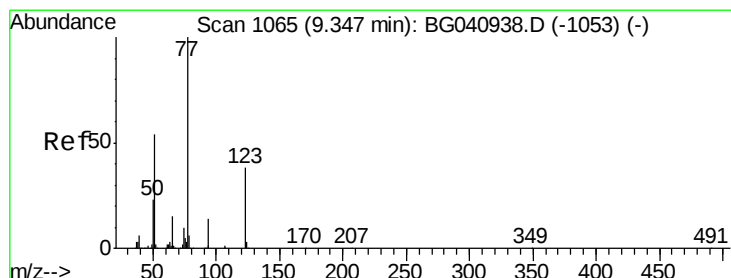
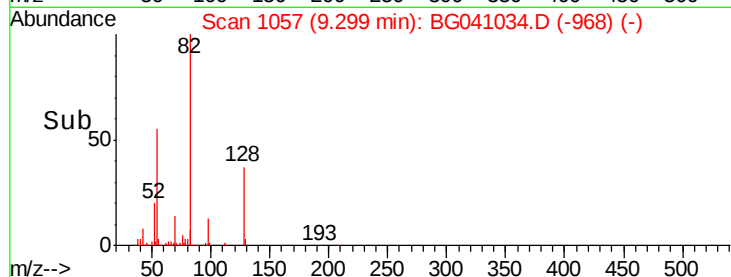
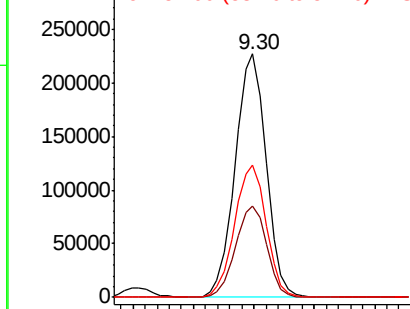
82 100

128 37.4 30.5 45.7

54 54.6 44.6 66.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 32.214 ng

RT: 9.34 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

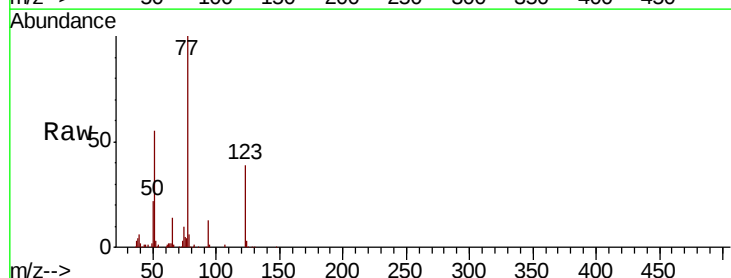
Tgt Ion: 77 Resp: 177437

Ion Ratio Lower Upper

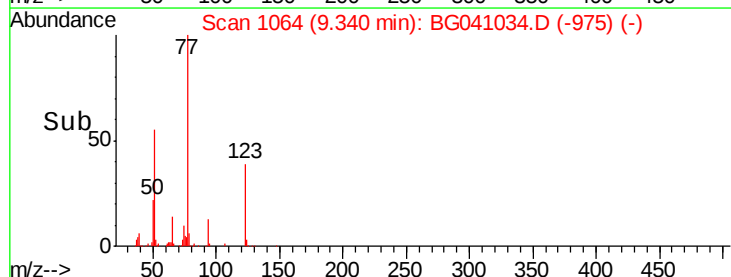
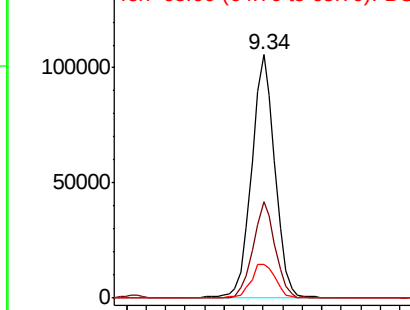
77 100

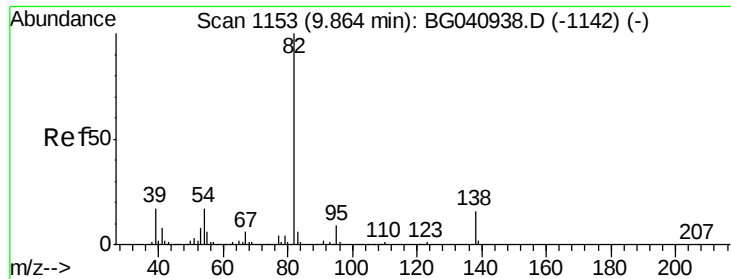
123 39.4 30.6 46.0

65 13.7 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

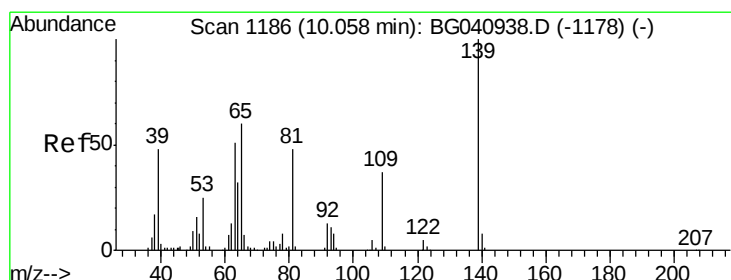
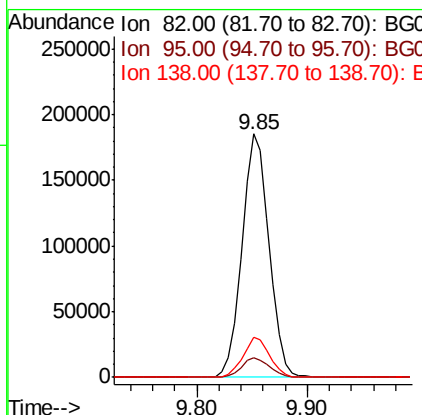
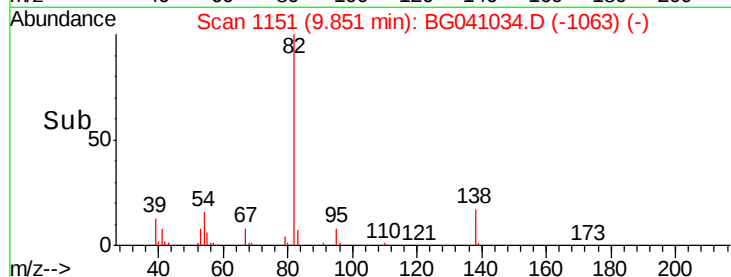
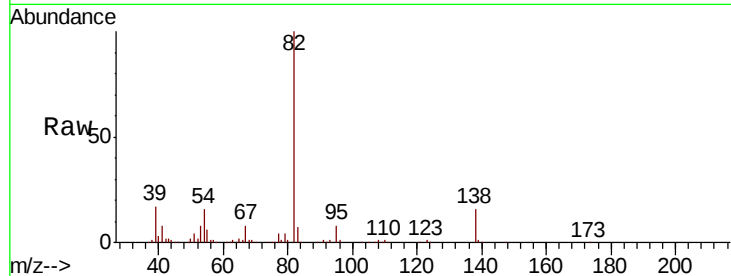




#25
Isophorone
Concen: 30.900 ng
RT: 9.85 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

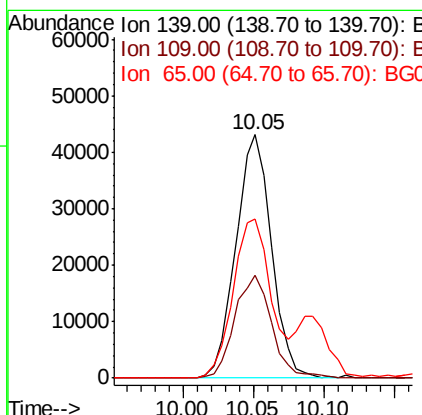
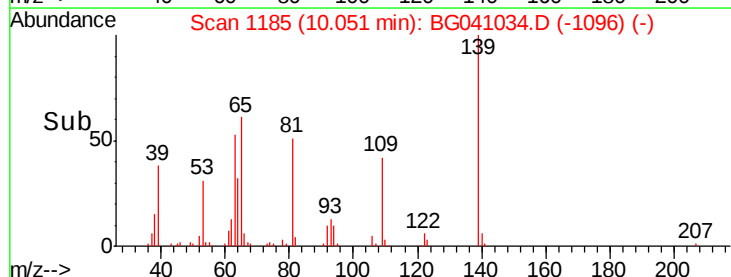
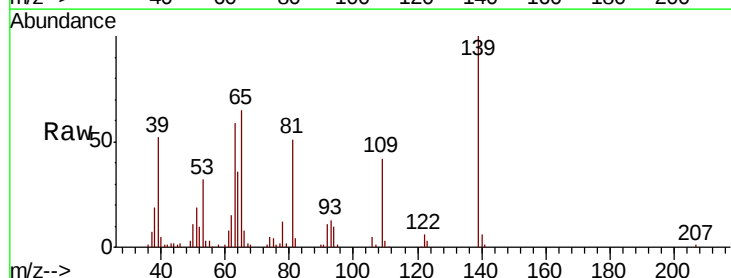
Instrument :
BNA_G
ClientSampleId :
PB120101BS

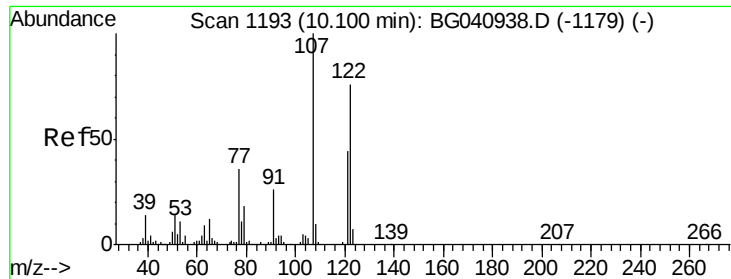
Tot Ion: 82 Resp: 317831
Ion Ratio Lower Upper
82 100
95 7.8 7.0 10.4
138 16.4 12.6 19.0



#26
2-Nitrophenol
Concen: 33.451 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion: 139 Resp: 75958
Ion Ratio Lower Upper
139 100
109 42.4 29.8 44.6
65 65.4 47.8 71.6

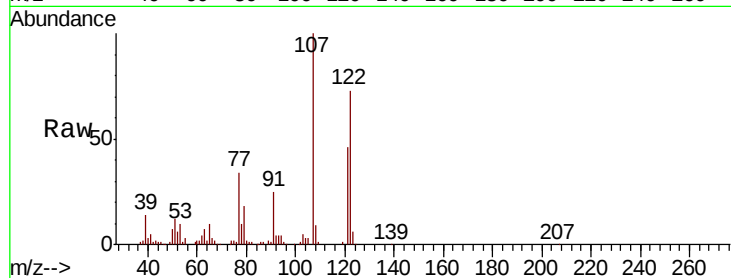




#27
 2,4-Dimethylphenol
 Concen: 35.517 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.2	105.9	158.9
121	62.3	46.2	69.4

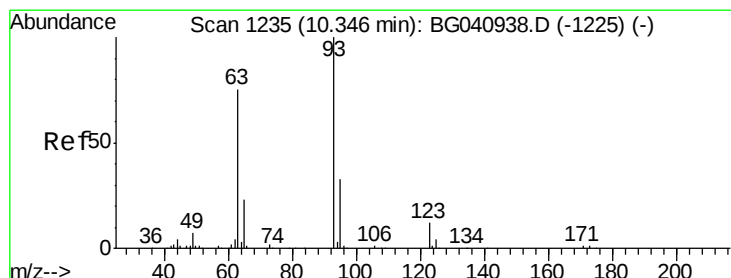
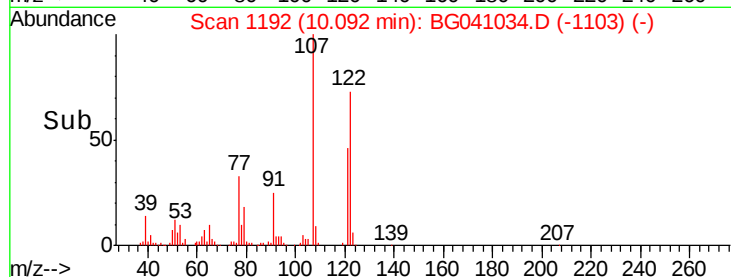
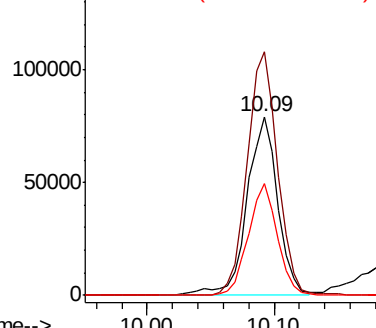


Abundance

Ion 122.00 (121.70 to 122.70): E

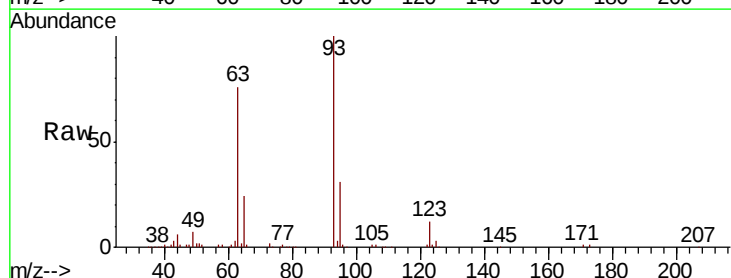
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.404 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.2	39.2
123	12.3	9.5	14.3

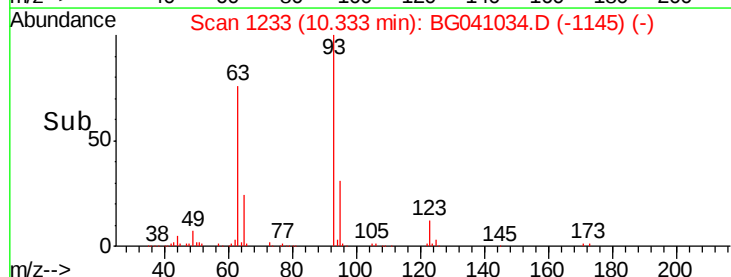
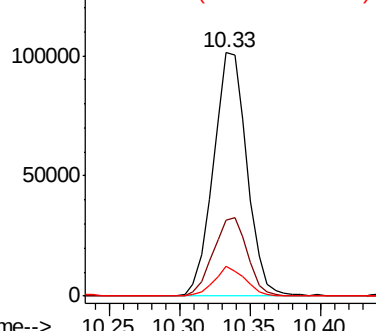


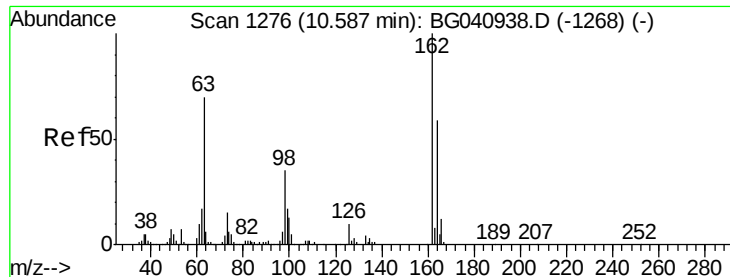
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

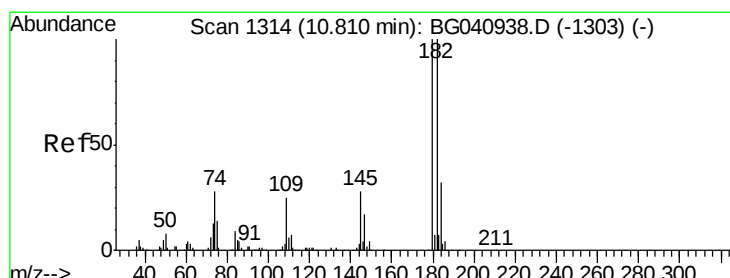
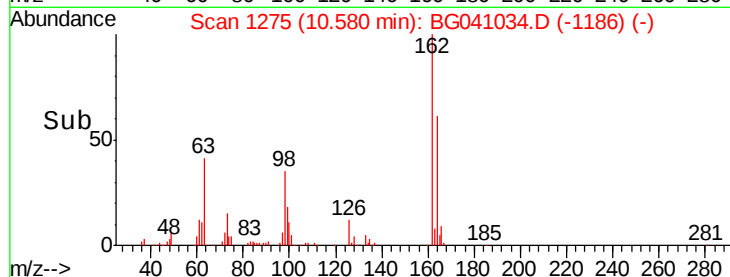
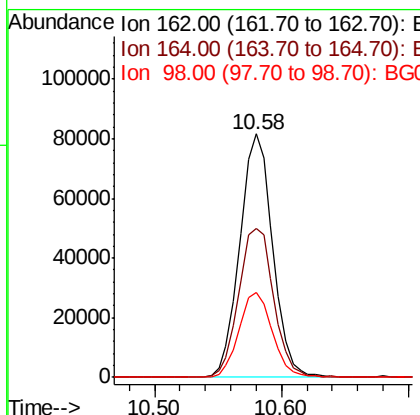
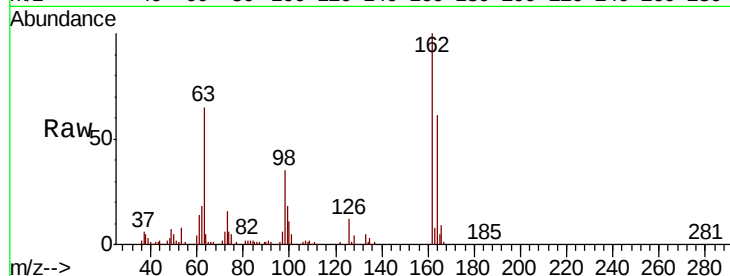




#29
 2,4-Dichlorophenol
 Concen: 30.827 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

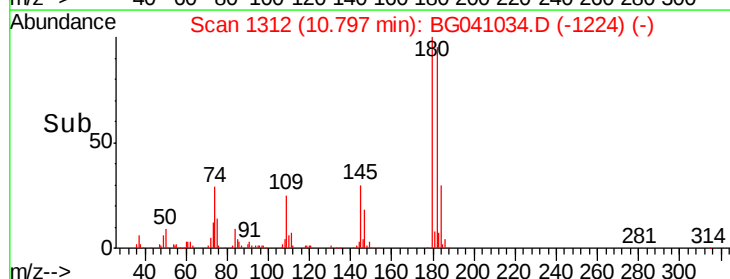
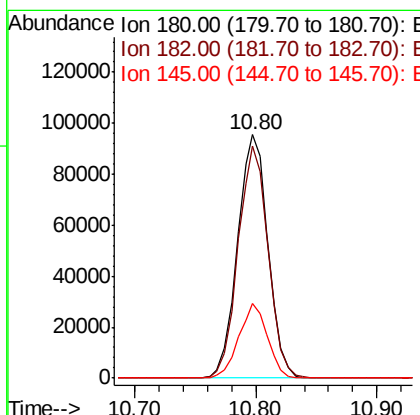
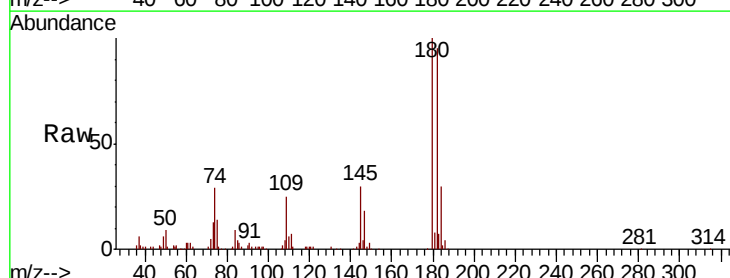
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

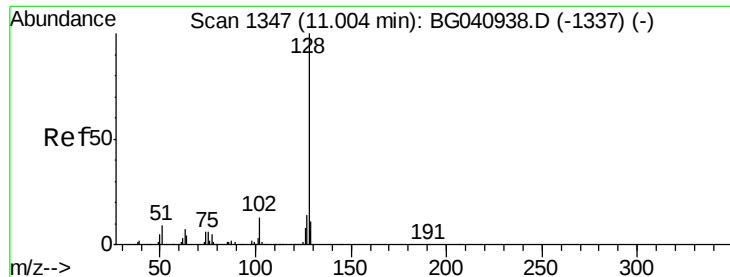
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	39.4	79.4
98	35.0	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 30.836 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	79.7	119.5
145	30.5	22.6	34.0

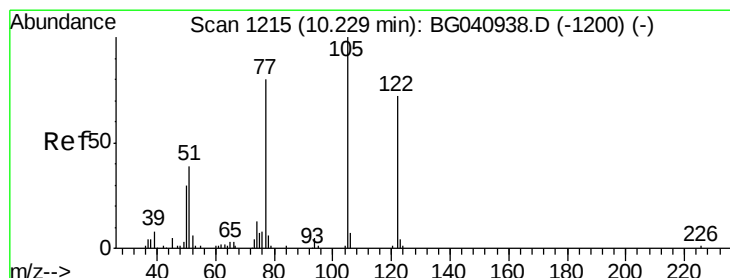
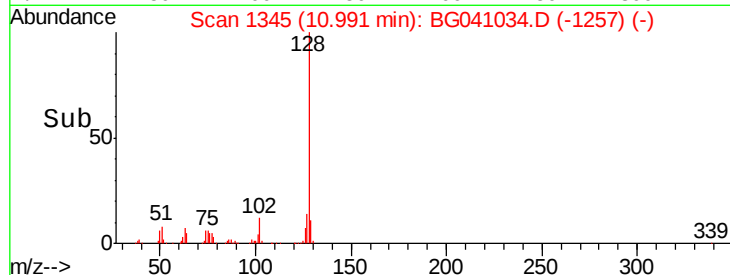
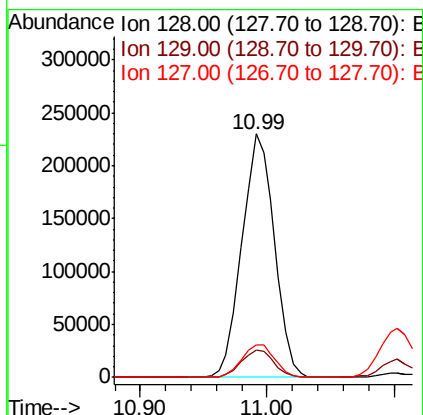
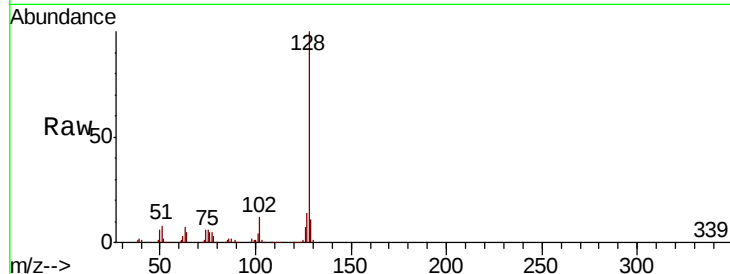




#31
Naphthalene
Concen: 31.675 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

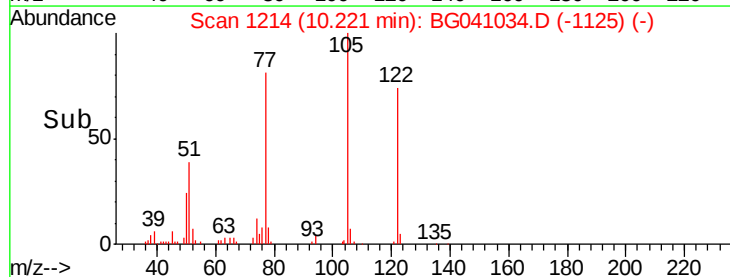
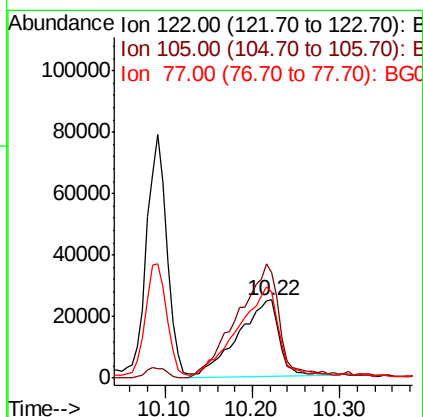
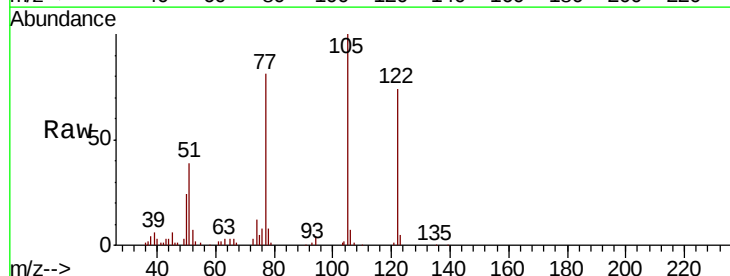
Instrument :
BNA_G
ClientSampleId :
PB120101BS

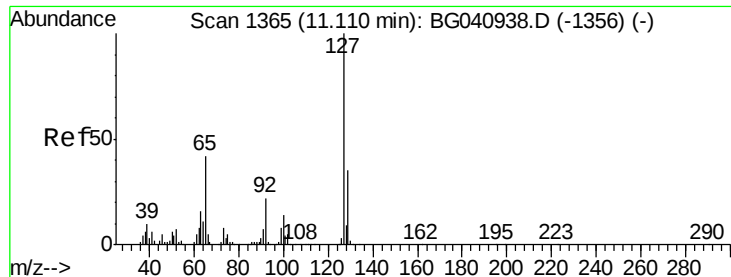
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.5	11.4	17.2



#32
Benzoic acid
Concen: 31.259 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	114.8	154.8
77	109.7	89.9	129.9

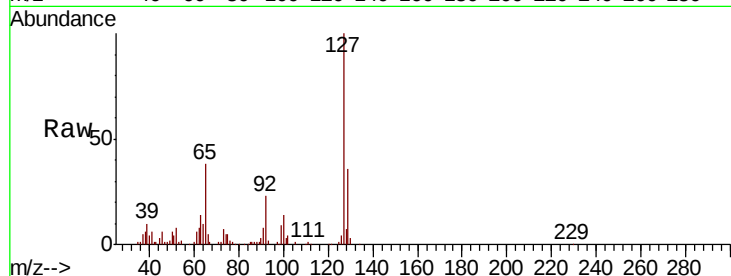




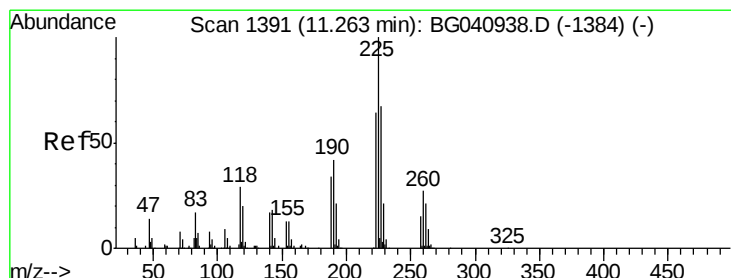
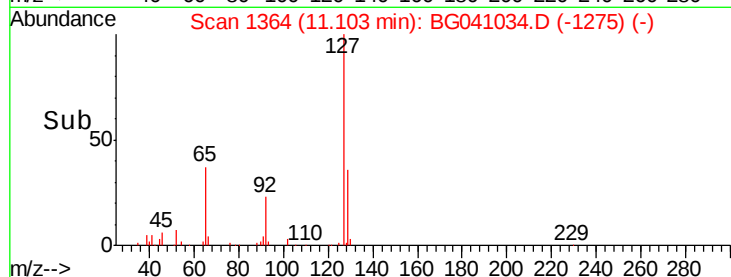
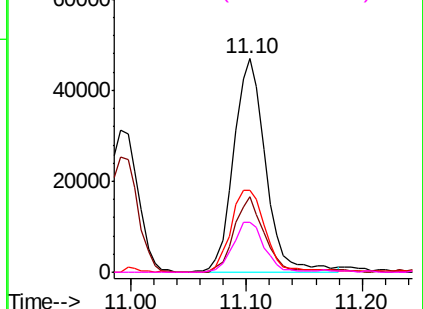
#33
 4-Chloroaniline
 Concen: 15.107 ng
 RT: 11.10 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion:127	Resp:	90301	
Ion Ratio	Lower	Upper	
127 100			
129 35.6	27.7	41.5	
65 38.1	33.2	49.8	
92 23.3	17.2	25.8	

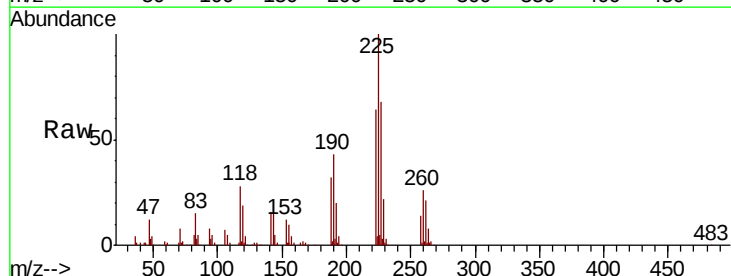


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

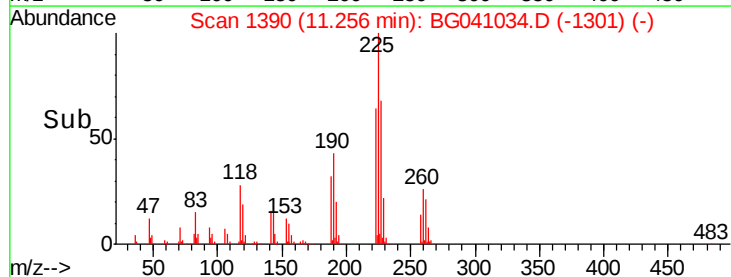
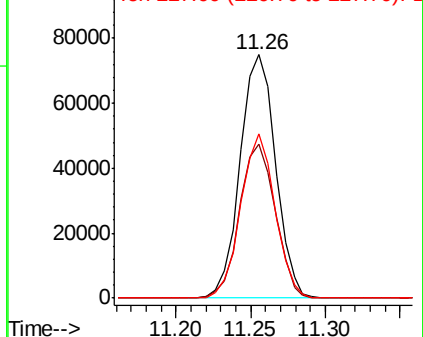


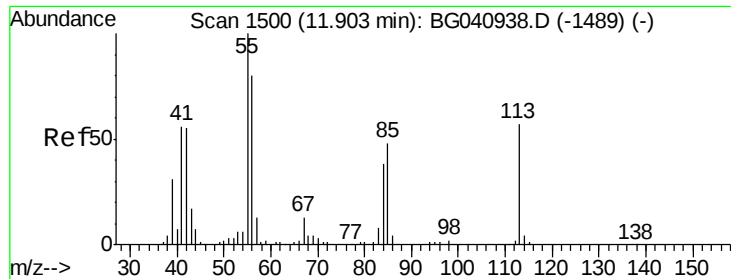
#34
 Hexachlorobutadiene
 Concen: 29.766 ng
 RT: 11.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	225	Resp: Lower	123386 Upper
	Ratio		
225	100		
223	63.5	48.8	73.2
227	67.6	51.4	77.0



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





#35

Caprolactam

Concen: 30.211 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.02 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

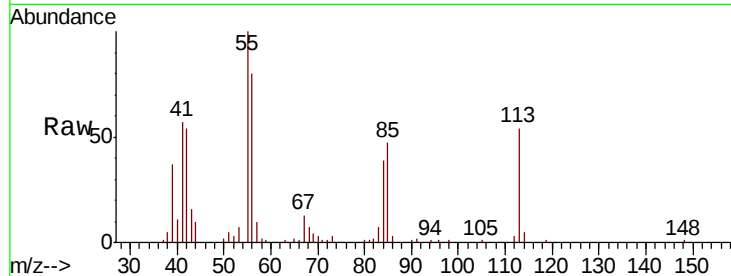
Tot Ion:113 Resp: 47511

Ion Ratio Lower Upper

113 100

55 185.6 155.9 195.9

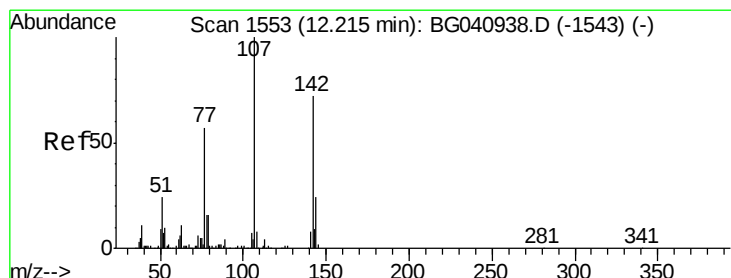
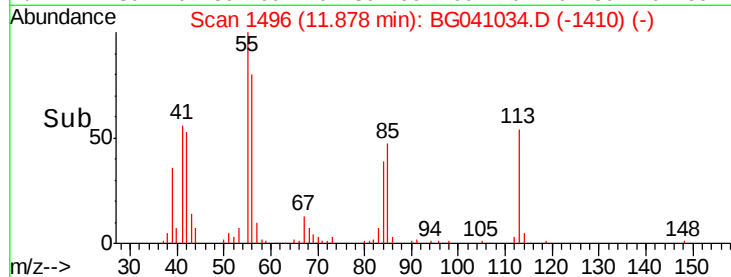
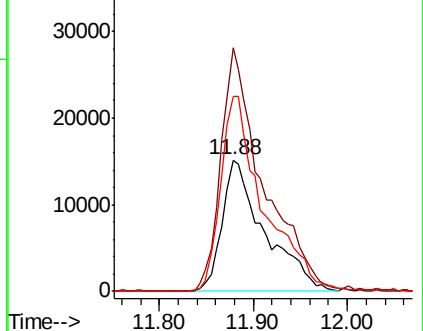
56 148.5 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 31.463 ng

RT: 12.20 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

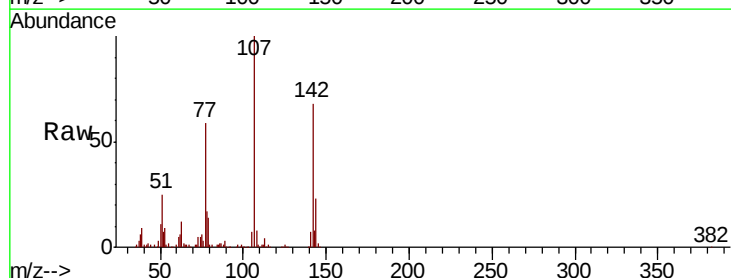
Tgt Ion:107 Resp: 171119

Ion Ratio Lower Upper

107 100

144 23.3 19.4 29.0

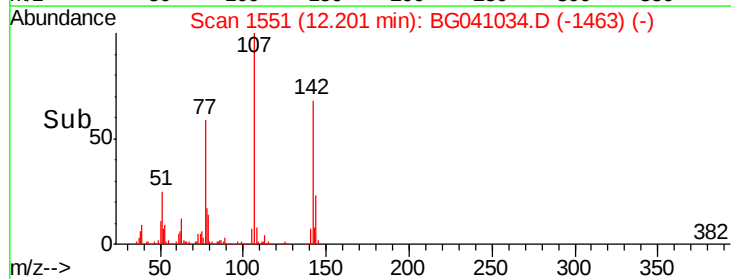
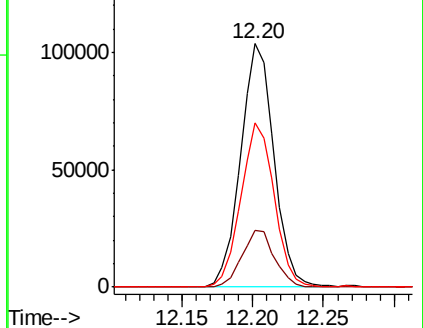
142 67.6 57.3 85.9

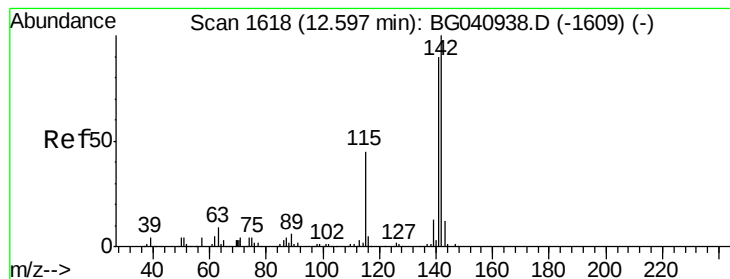


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 30.664 ng

RT: 12.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

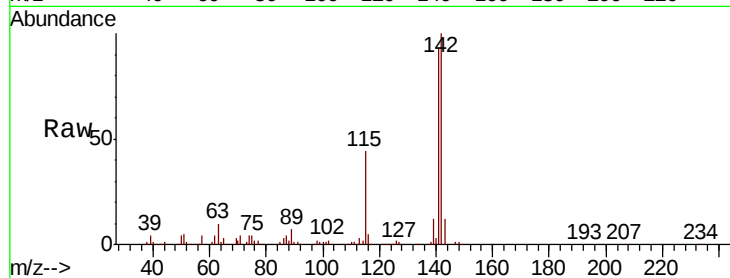
Tot Ion:142 Resp: 304251

Ion Ratio Lower Upper

142 100

141 92.9 72.2 108.4

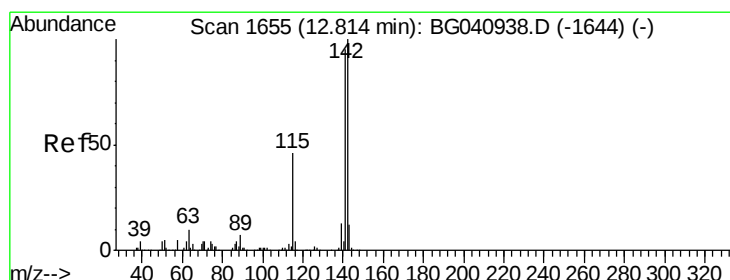
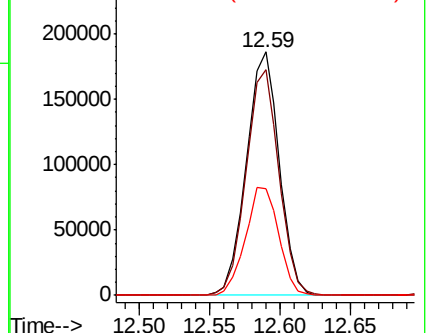
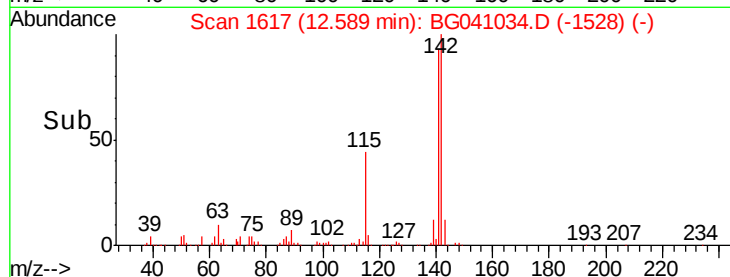
115 44.0 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 30.991 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

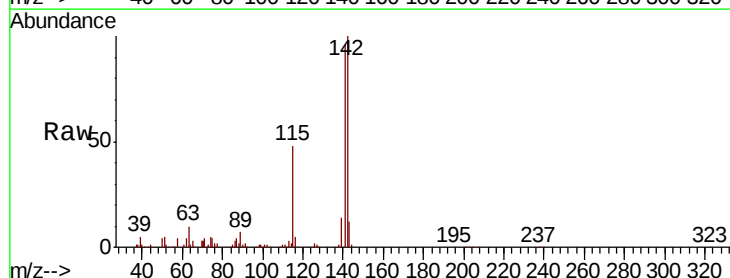
Tgt Ion:142 Resp: 289759

Ion Ratio Lower Upper

142 100

141 95.7 75.7 113.5

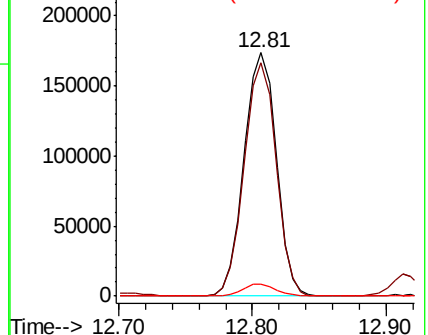
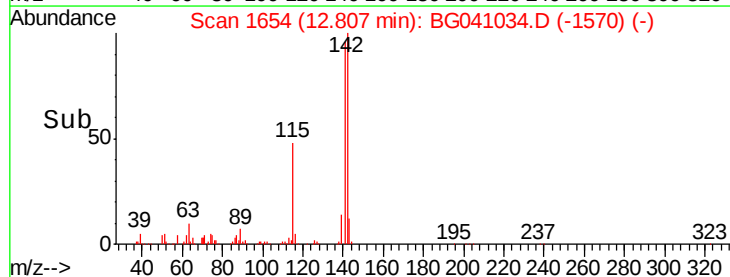
116 4.9 3.4 5.2

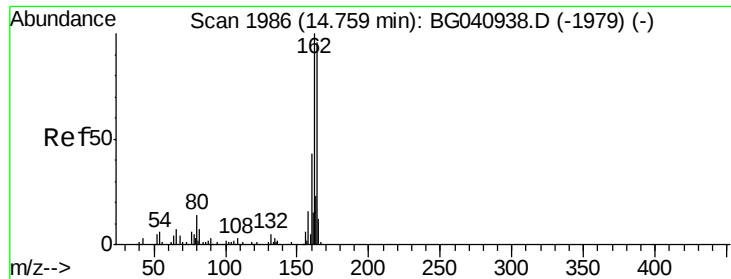


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

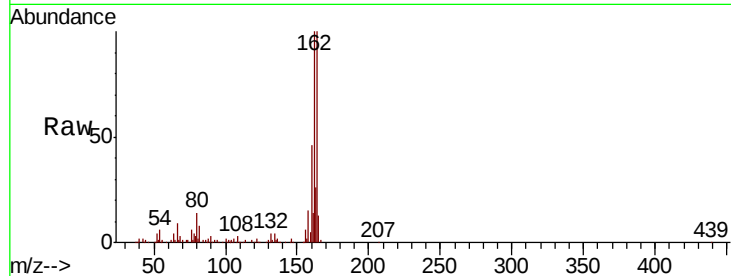
Tot Ion:164 Resp: 165996

Ion Ratio Lower Upper

164 100

162 100.5 83.0 124.4

160 45.7 35.6 53.4

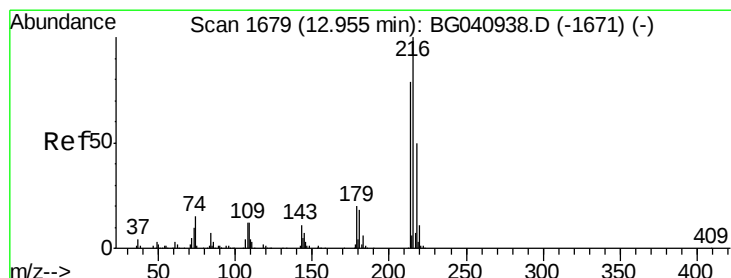
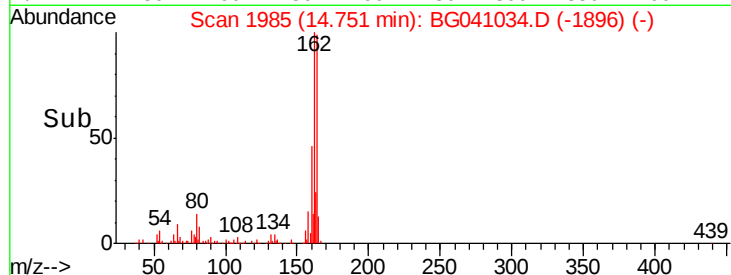
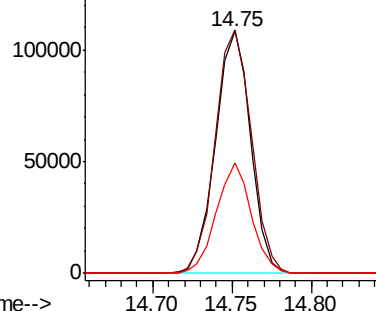


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.715 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion:216 Resp: 225571

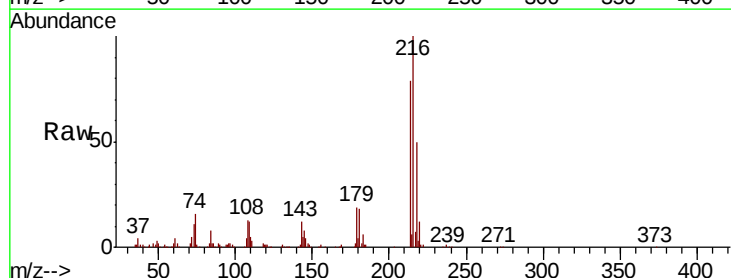
Ion Ratio Lower Upper

216 100

214 77.4 63.4 95.2

179 19.3 15.2 22.8

108 16.8 11.4 17.2



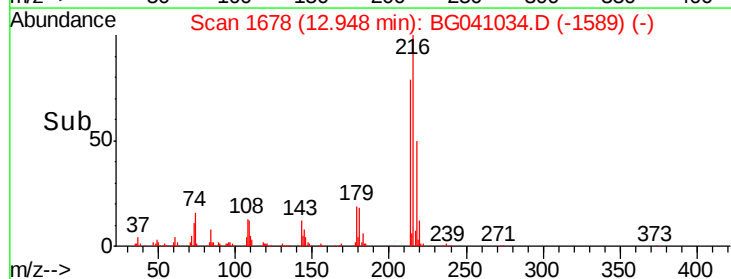
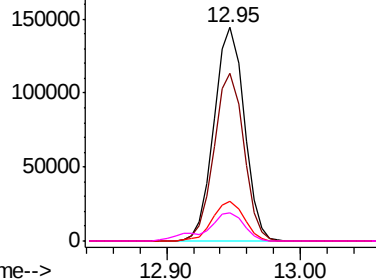
Abundance

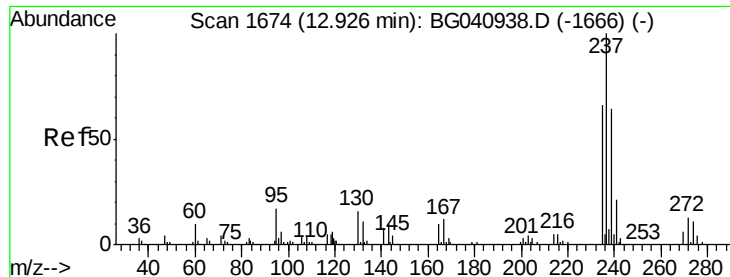
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.696 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

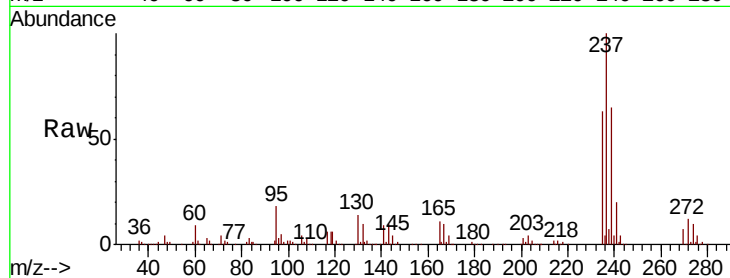
Tot Ion:237 Resp: 250417

Ion	Ratio	Lower	Upper
237	100		
235	63.4	45.5	85.5
272	11.9	0.0	32.9

237 100

235 63.4 45.5 85.5

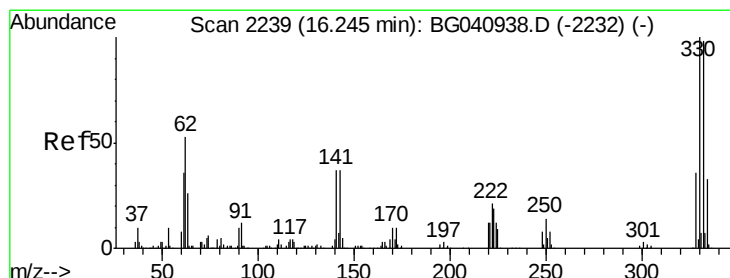
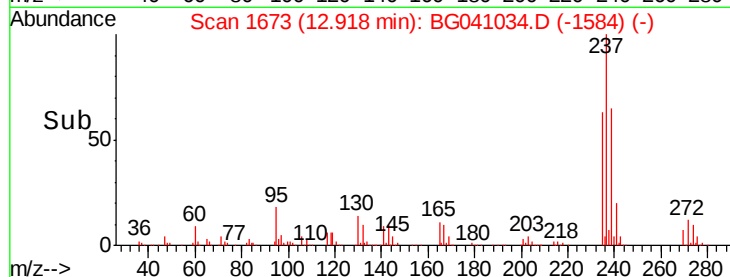
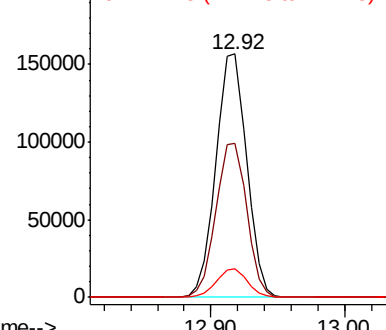
272 11.9 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 147.018 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

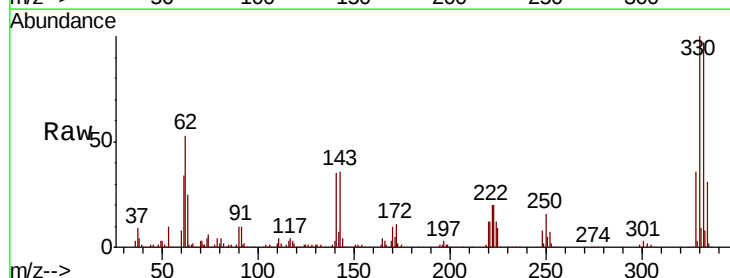
Tgt Ion:330 Resp: 362300

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	35.6	28.7	43.1

330 100

332 96.3 78.5 117.7

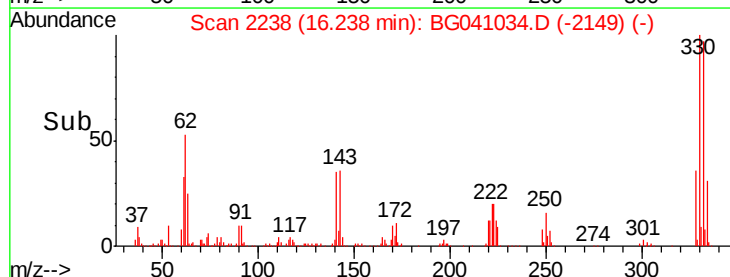
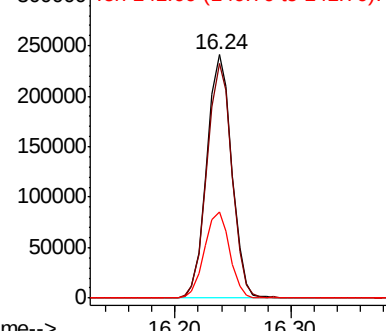
141 35.6 28.7 43.1

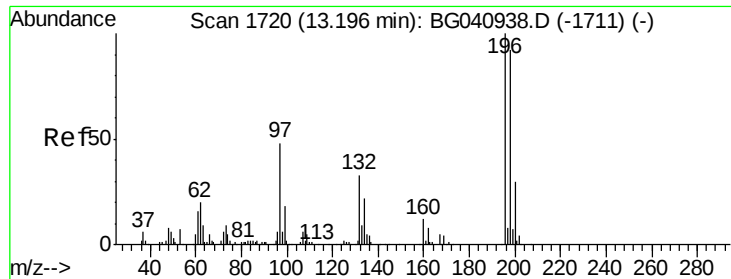


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

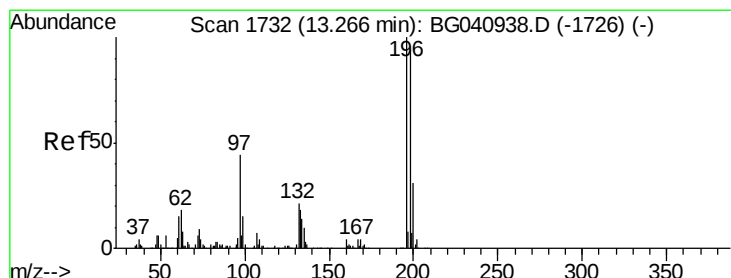
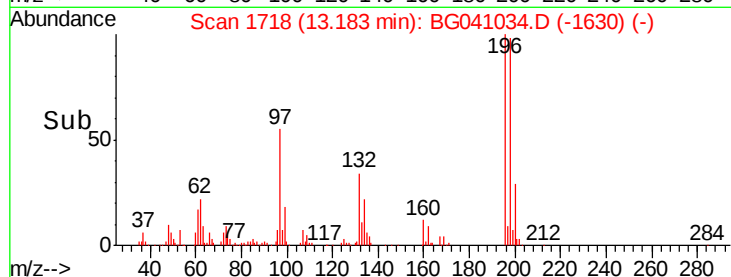
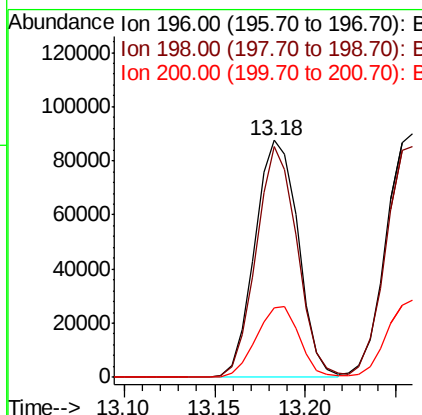
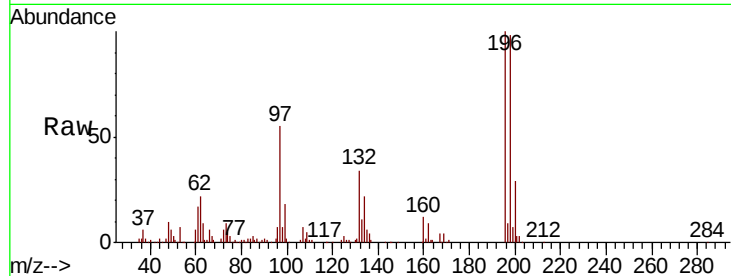




#43
 2,4,6-Trichlorophenol
 Concen: 33.544 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

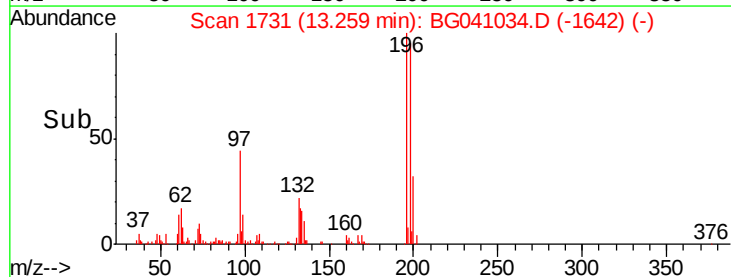
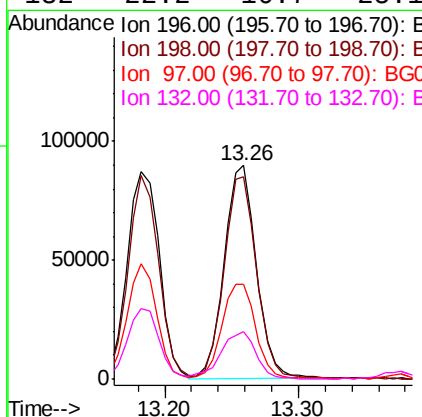
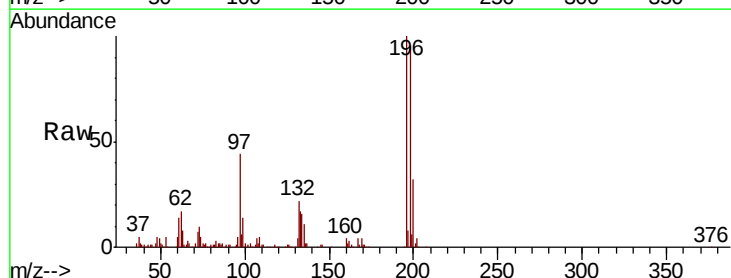
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

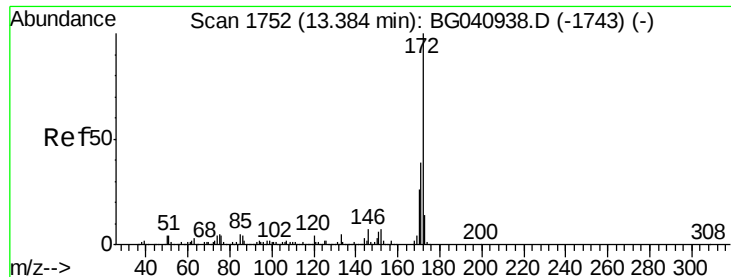
Tot Ion:196 Resp: 145186
 Ion Ratio Lower Upper
 196 100
 198 97.5 73.8 110.6
 200 29.4 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 33.259 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion:196 Resp: 151818
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.1 112.7
 97 44.5 35.6 53.4
 132 22.2 16.7 25.1

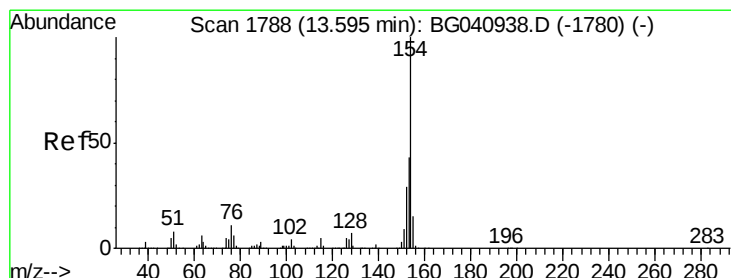
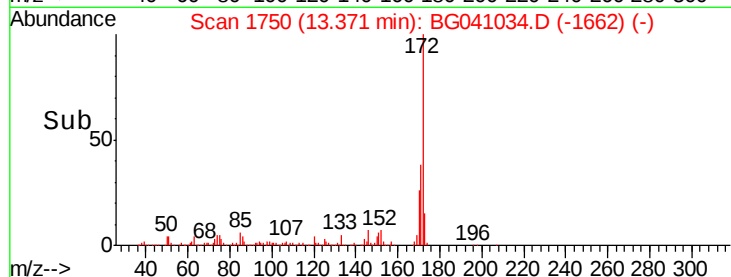
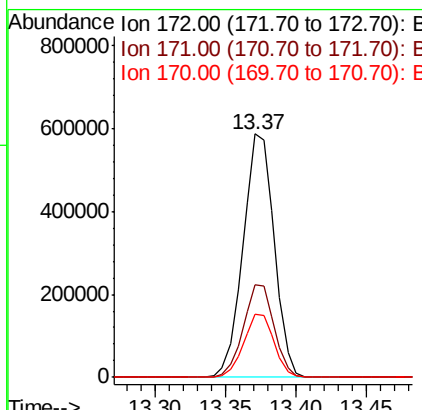
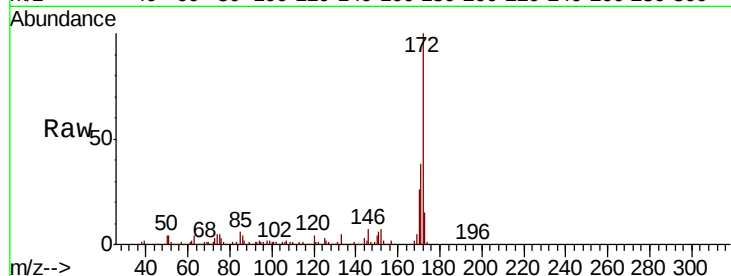




#45
2-Fluorobiphenyl
Concen: 78.682 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

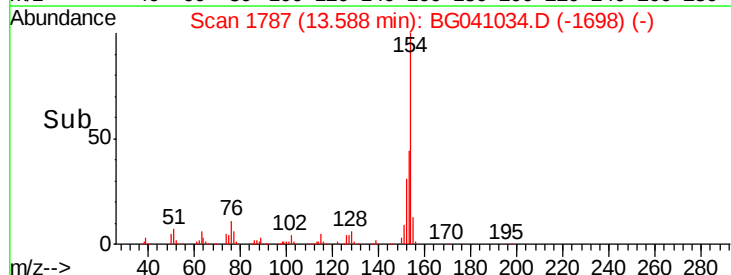
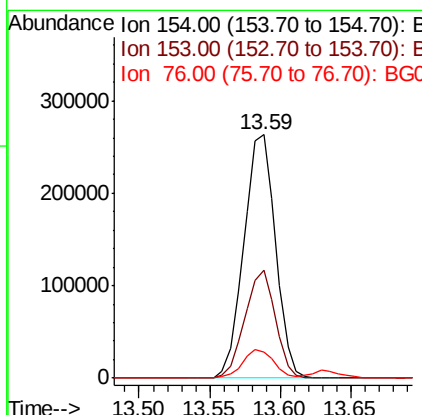
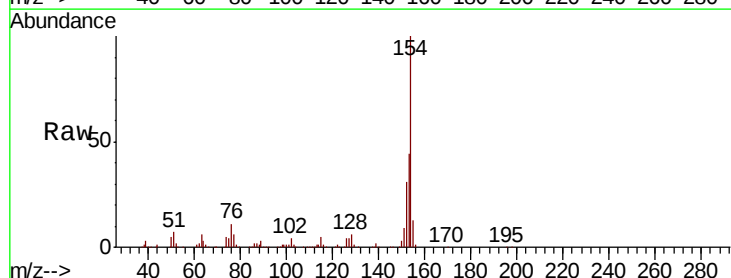
Instrument :
BNA_G
ClientSampleId :
PB120101BS

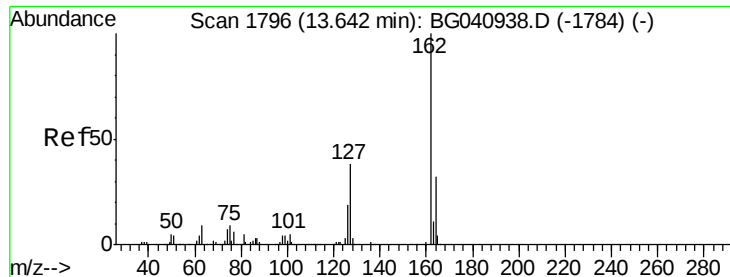
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.9	20.5	30.7



#46
1,1'-Biphenyl
Concen: 33.666 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	23.3	63.3
76	10.8	0.0	31.1

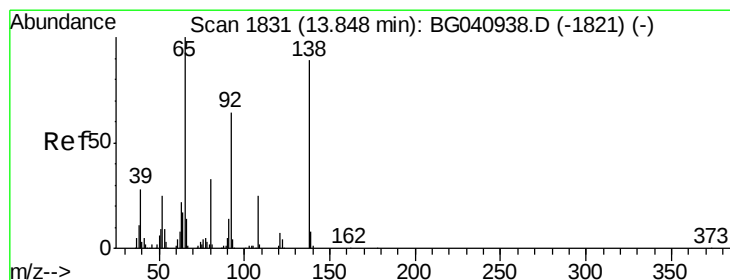
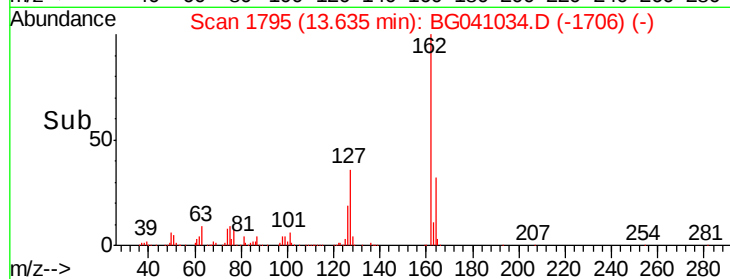
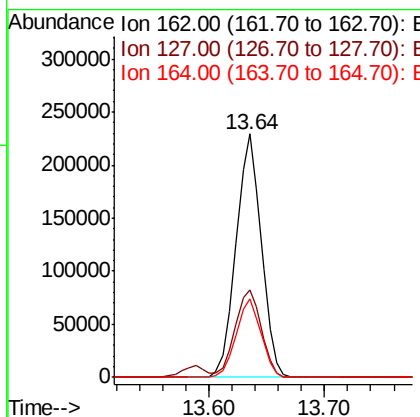
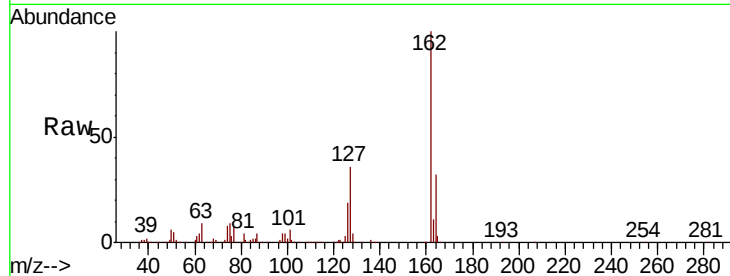




#47
 2-Chloronaphthalene
 Concen: 32.790 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

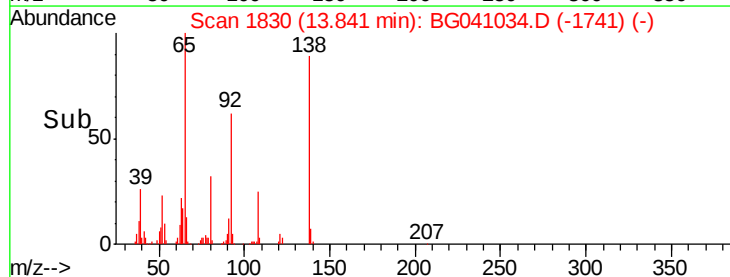
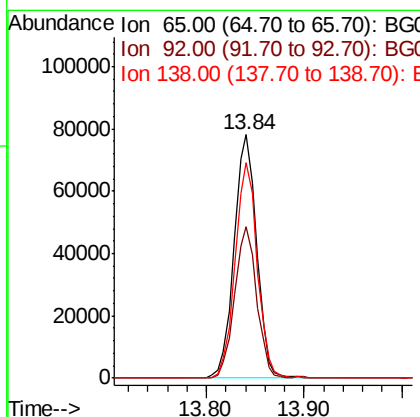
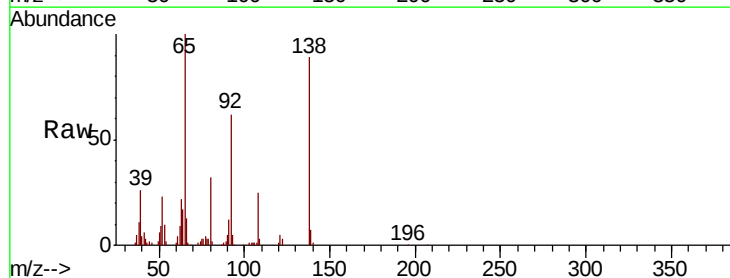
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

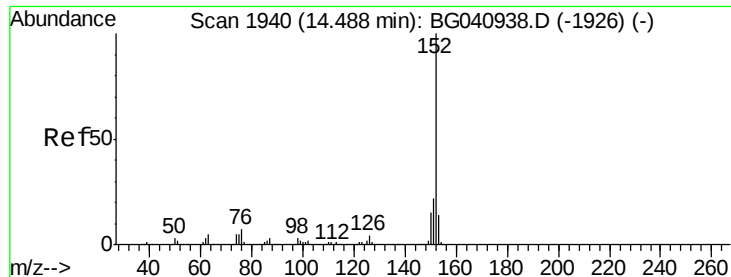
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.5	45.7
164	32.3	25.8	38.6



#48
 2-Nitroaniline
 Concen: 33.098 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	51.0	76.6
138	88.7	71.2	106.8





#49

Acenaphthylene

Concen: 33.850 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

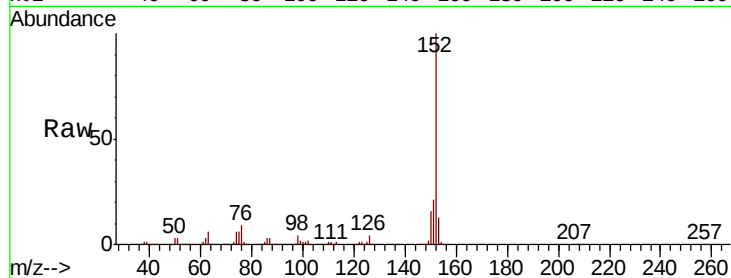
Tot Ion:152 Resp: 537401

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

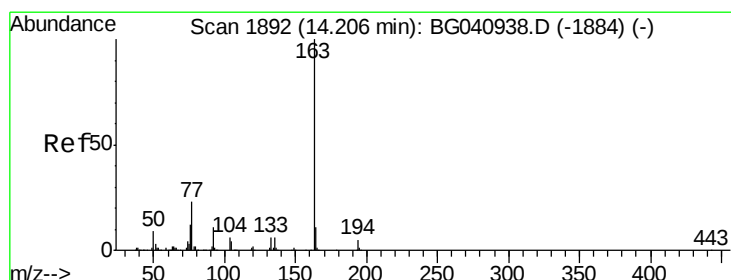
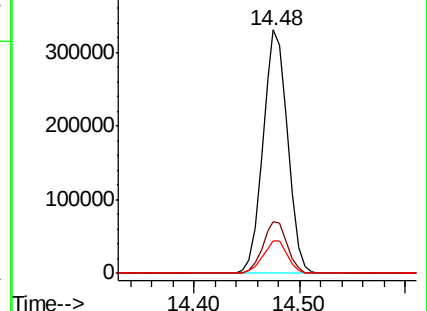
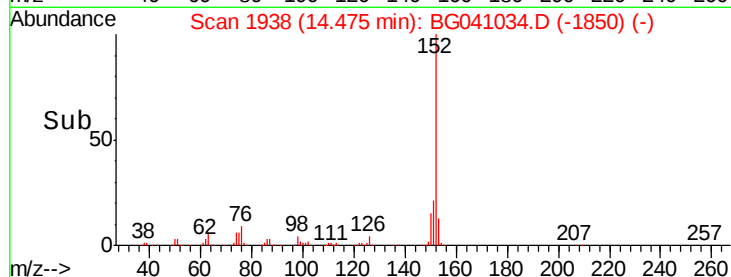
153 13.4 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 32.169 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

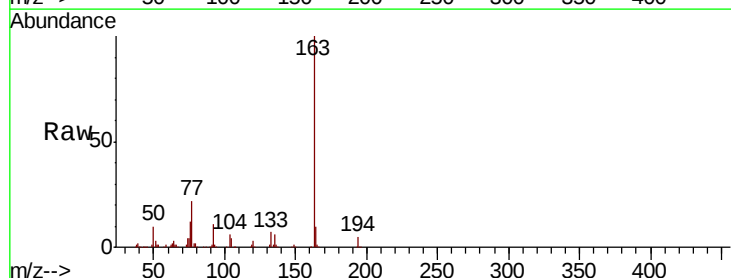
Tgt Ion:163 Resp: 452024

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

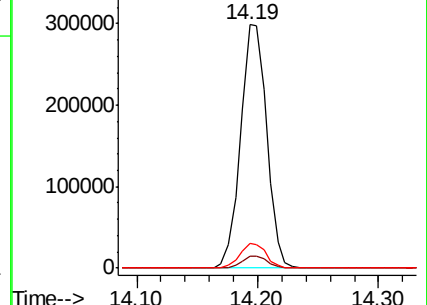
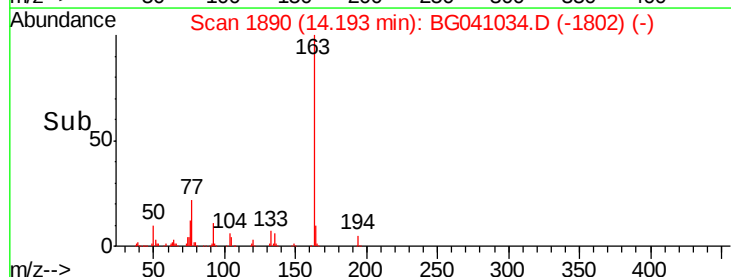
164 10.2 8.7 13.1

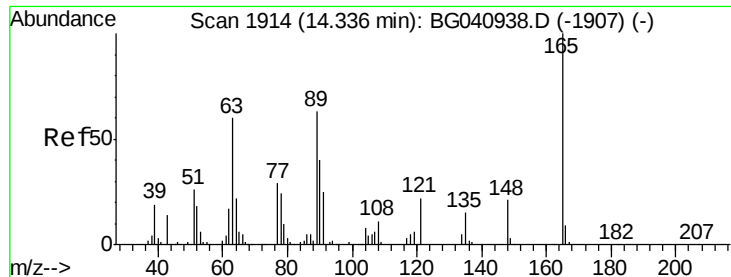


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 32.296 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

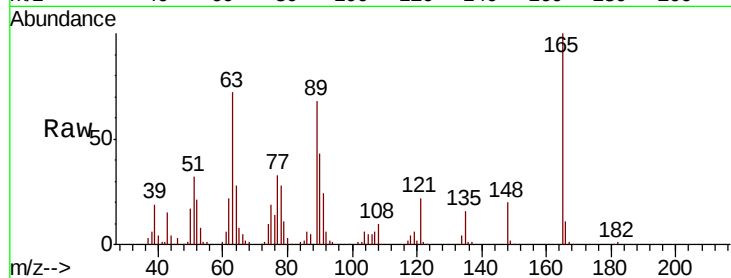
Tot Ion:165 Resp: 97847

Ion Ratio Lower Upper

165 100

63 71.9 53.6 80.4

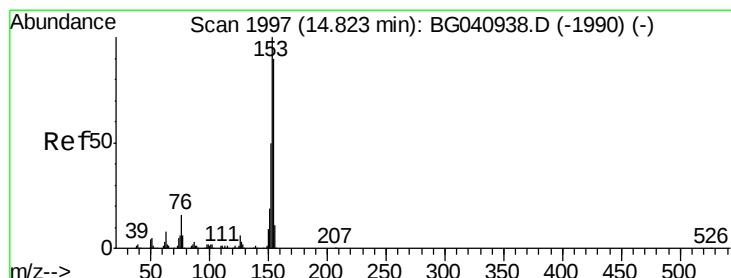
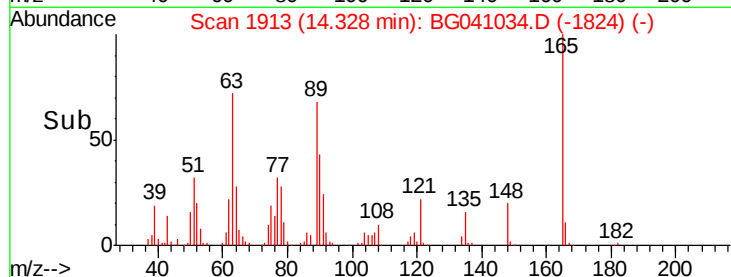
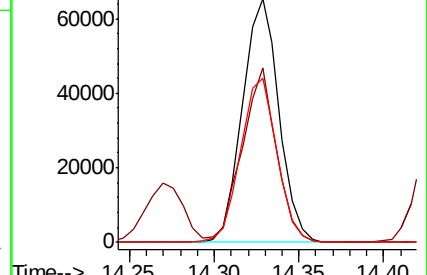
89 67.5 50.4 75.6



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: 32.668 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

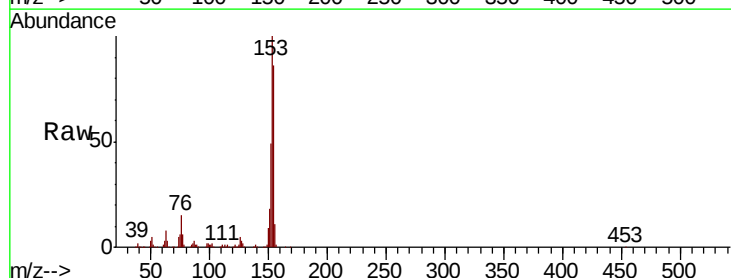
Tgt Ion:154 Resp: 314190

Ion Ratio Lower Upper

154 100

153 115.7 88.6 133.0

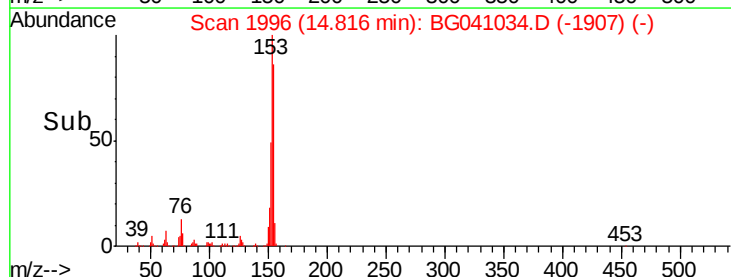
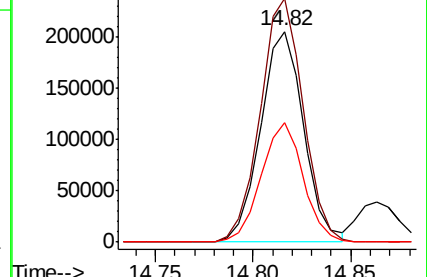
152 56.9 44.2 66.4

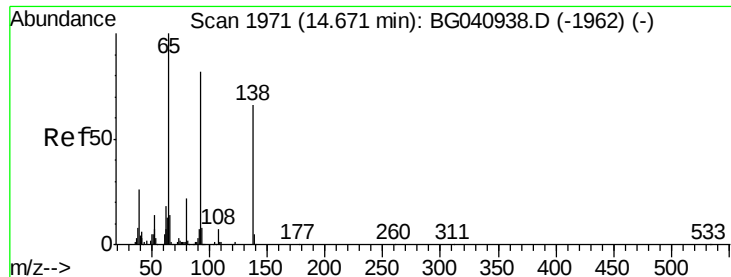


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.443 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

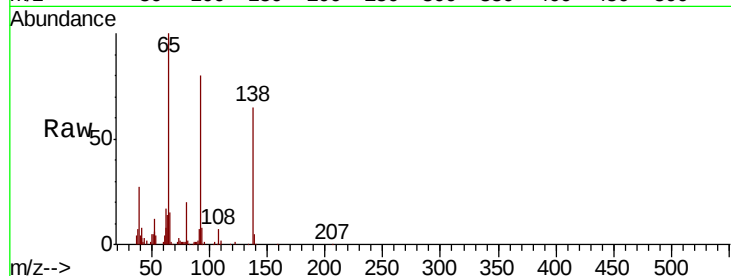
Tot Ion:138 Resp: 71021

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

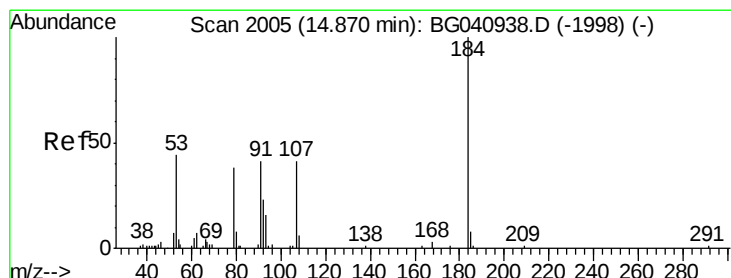
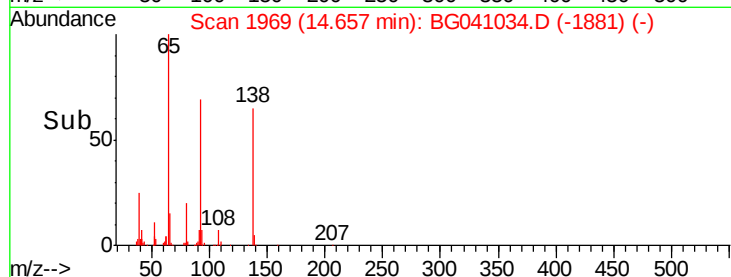
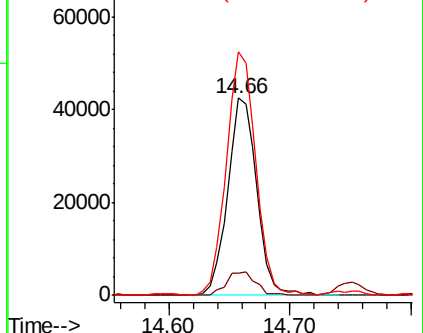
92 123.5 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 68.456 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

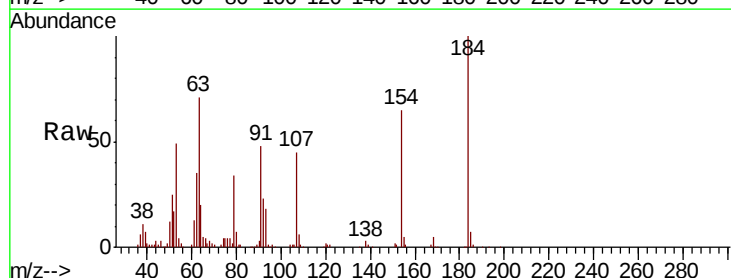
Tgt Ion:184 Resp: 100958

Ion Ratio Lower Upper

184 100

63 70.8 49.8 74.6

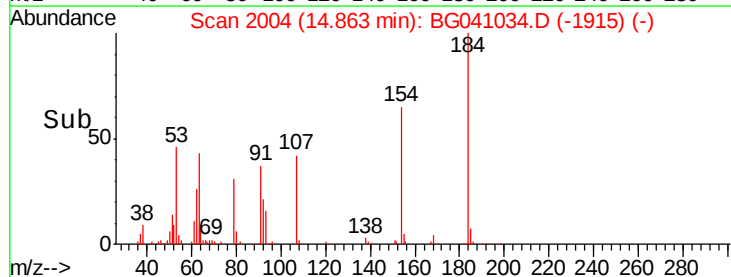
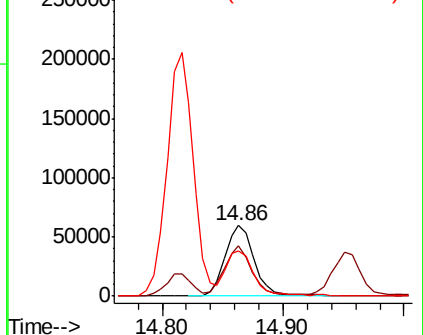
154 64.8 52.2 78.4

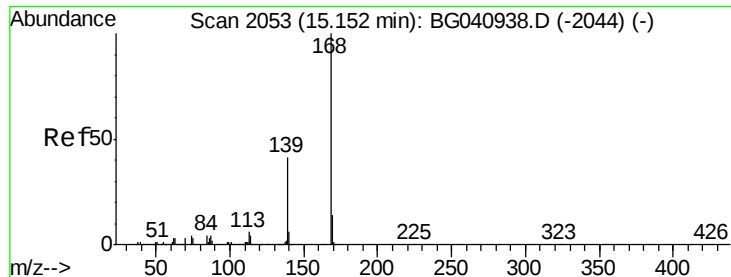


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

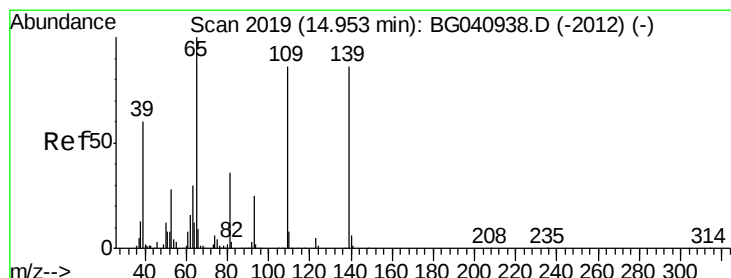
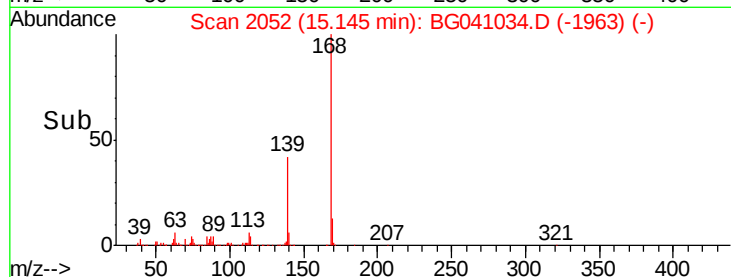
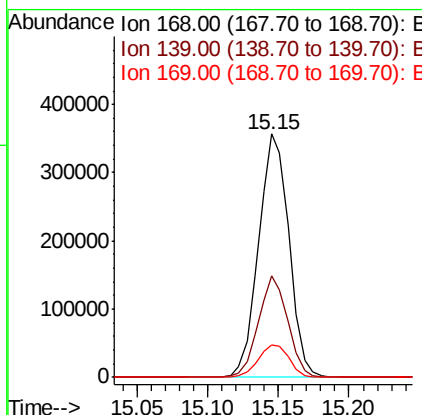
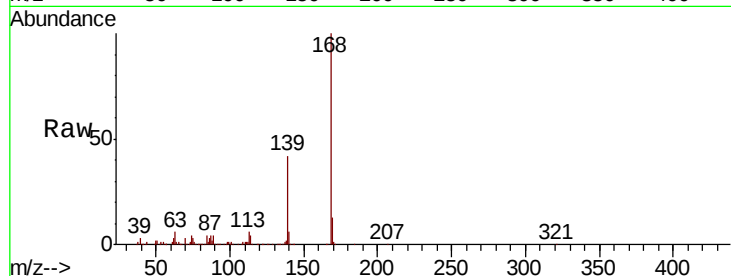




#55
Dibenzofuran
Concen: 33.313 ng
RT: 15.15 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

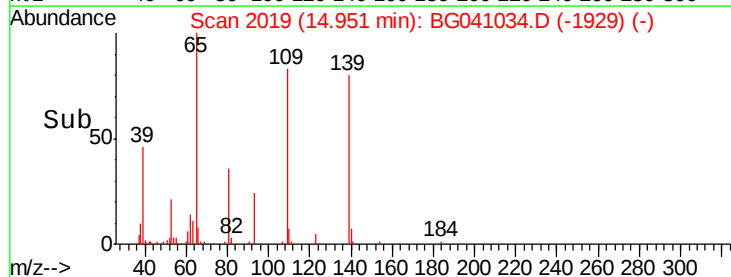
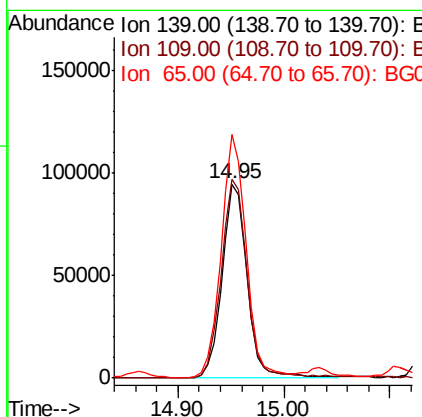
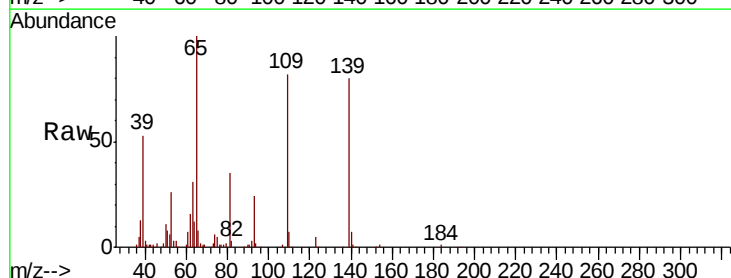
Instrument :
BNA_G
ClientSampleId :
PB120101BS

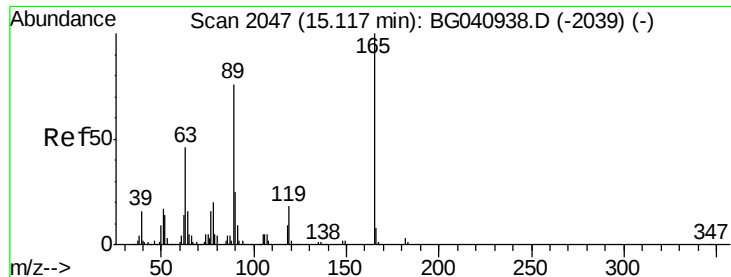
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	32.8	49.2
169	13.5	11.3	16.9



#56
4-Nitrophenol
Concen: 75.129 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.0	79.6	119.6
65	125.7	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 33.307 ng

RT: 15.11 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion:165 Resp: 142541

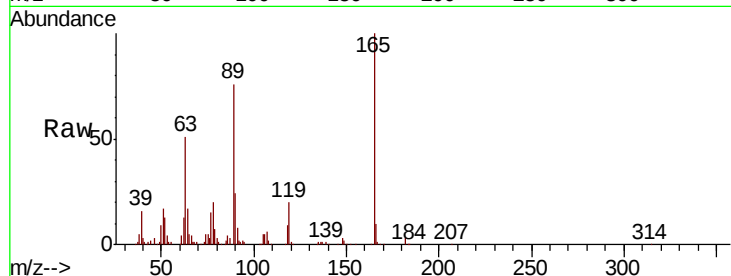
Ion Ratio Lower Upper

165 100

63 50.5 37.3 55.9

89 76.0 61.0 91.6

182 3.1 2.2 3.2

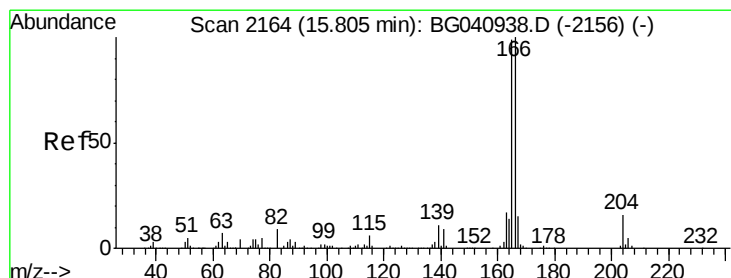
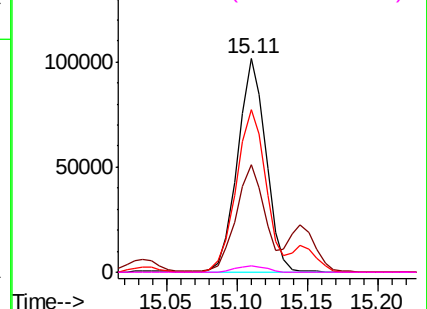
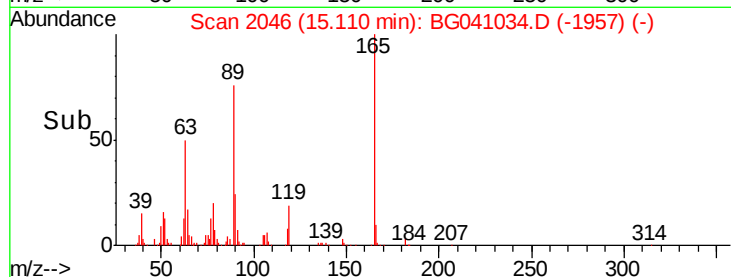


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 32.979 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

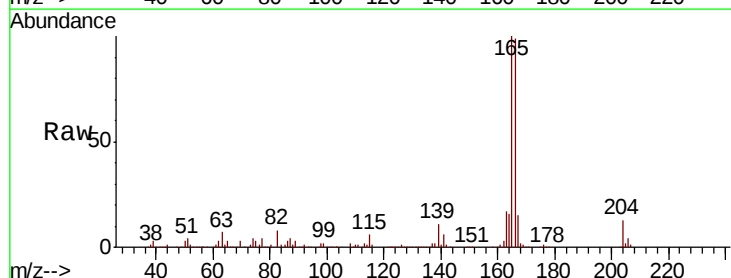
Tgt Ion:166 Resp: 425035

Ion Ratio Lower Upper

166 100

165 100.6 79.2 118.8

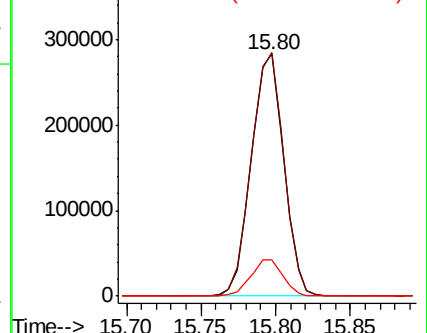
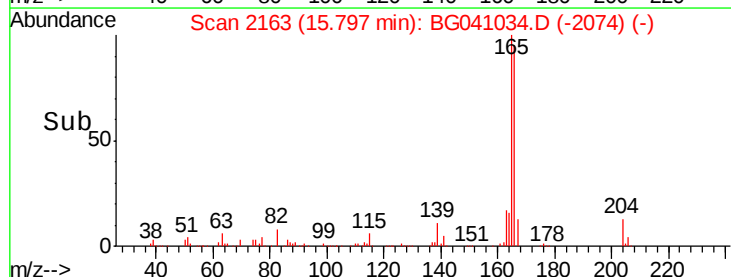
167 15.1 11.8 17.6

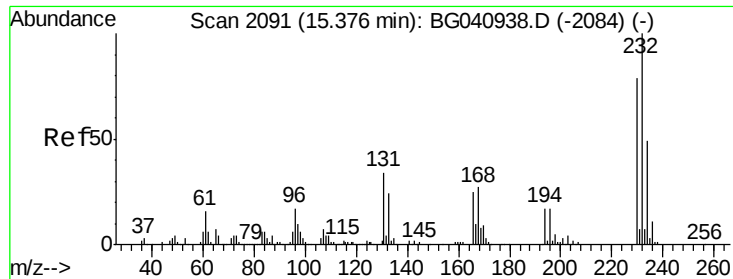


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

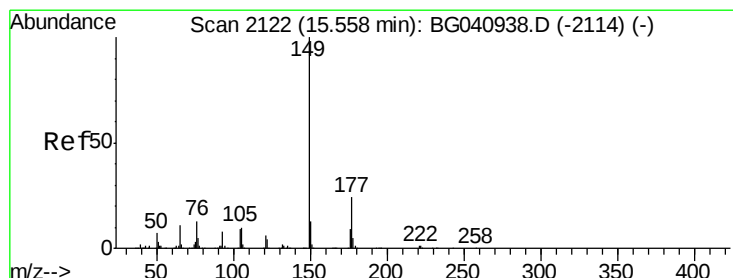
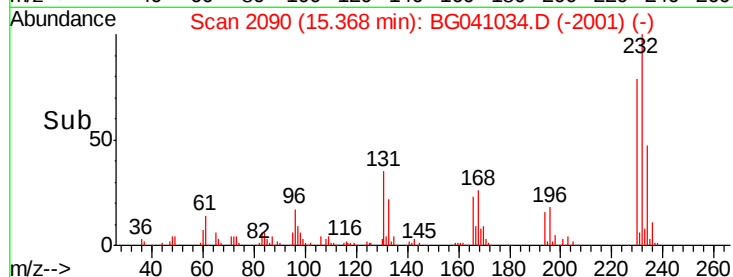
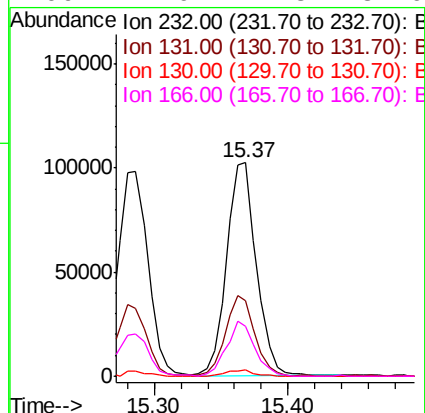
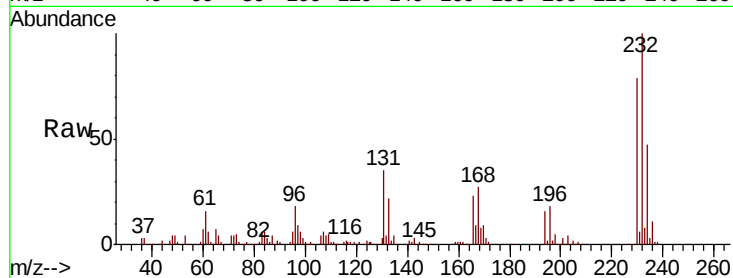




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.731 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

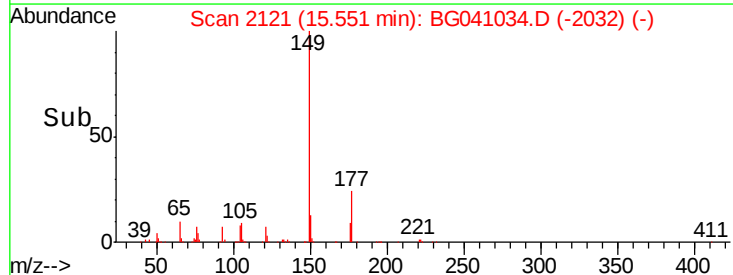
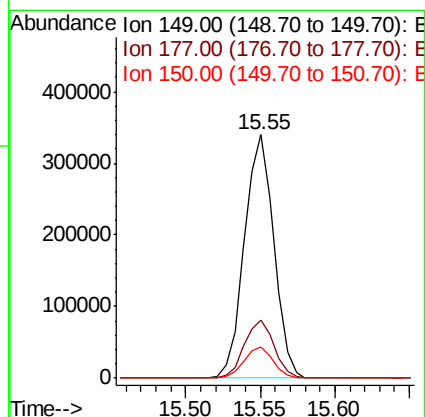
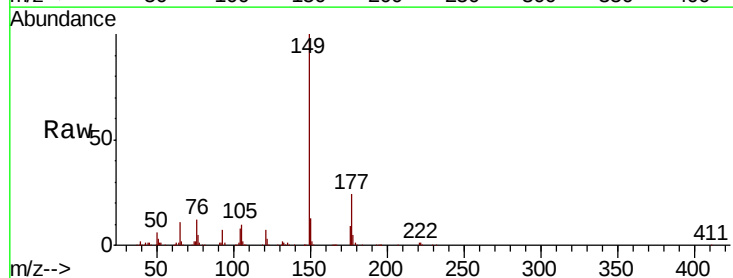
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

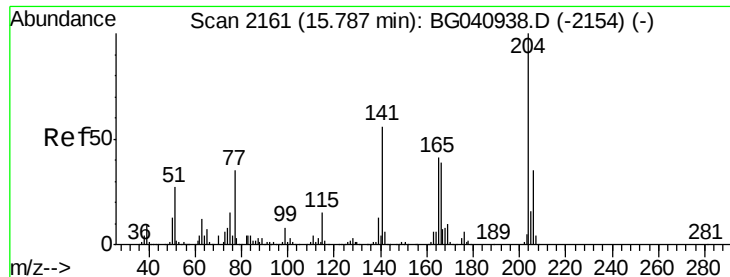
Tot Ion:232	Resp:	160285
Ion Ratio	Lower	Upper
232	100	
131	36.6	30.3 45.5
130	2.5	1.8 2.8
166	24.9	21.3 31.9



#60
 Diethylphthalate
 Concen: 32.185 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion:149	Resp:	461540
Ion Ratio	Lower	Upper
149	100	
177	23.8	19.4 29.0
150	12.6	10.3 15.5

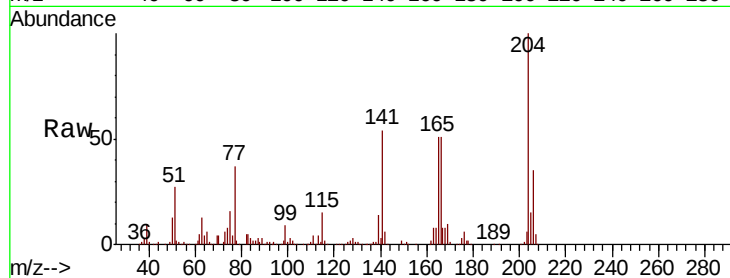




#61
 4-Chlorophenyl-phenylether
 Concen: 32.136 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Instrument :
 BNA_G
 ClientSampleID :
 PB120101BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	54.4	45.1	67.7

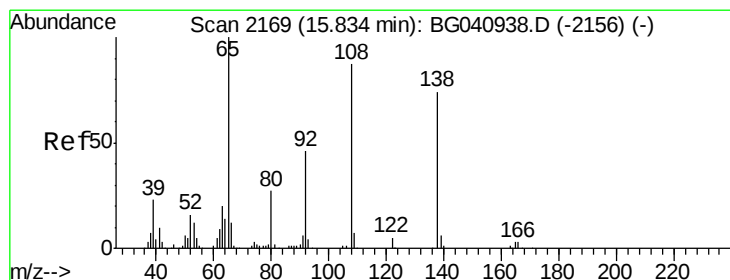
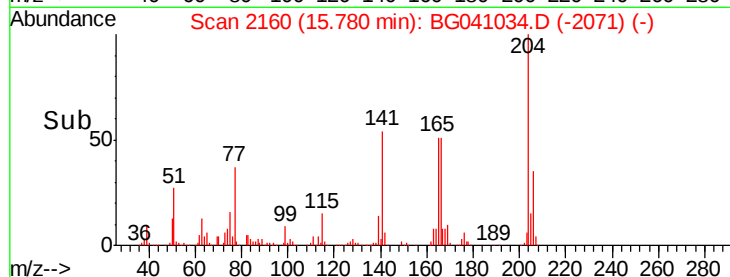
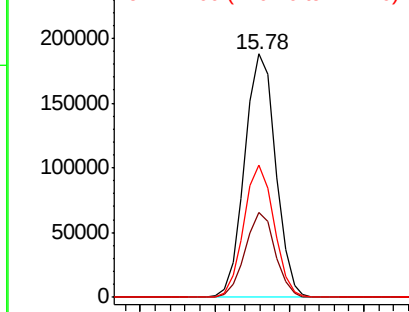


Abundance

Ion 204.00 (203.70 to 204.70): E

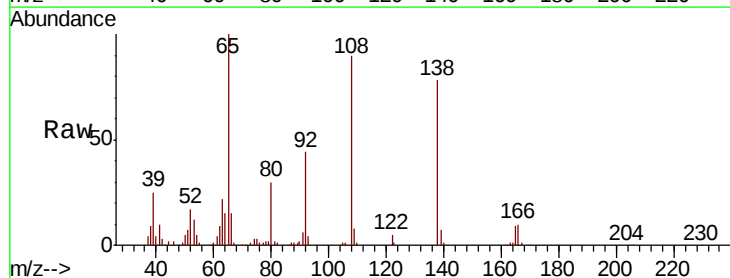
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 31.832 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	42.4	82.4
108	115.5	96.9	136.9

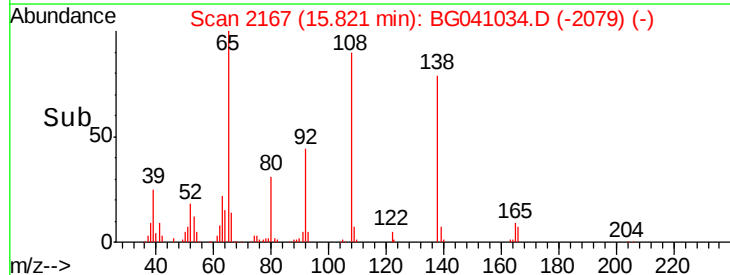
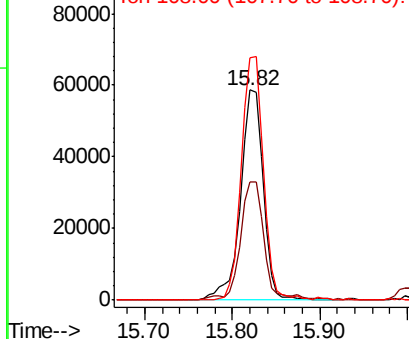


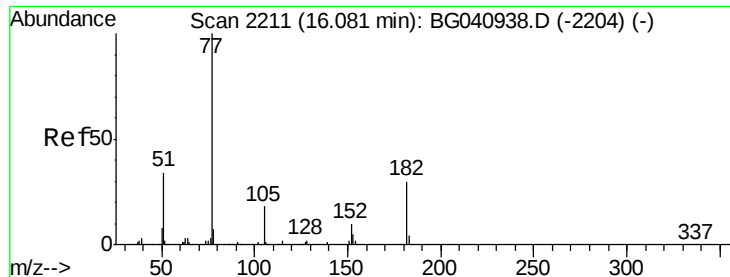
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 33.456 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion: 77 Resp: 436057

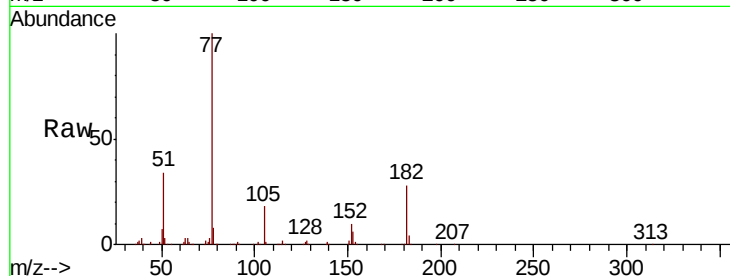
Ion Ratio Lower Upper

77 100

182 28.1 9.6 49.6

105 18.4 0.0 37.5

51 34.0 13.7 53.7

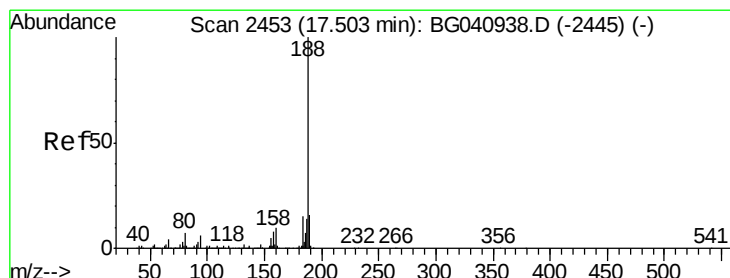
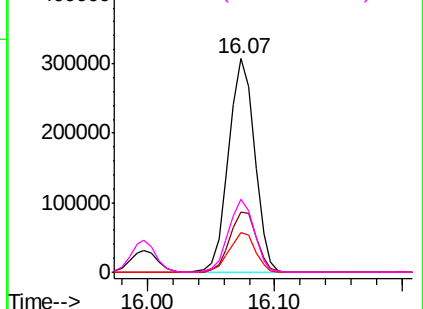
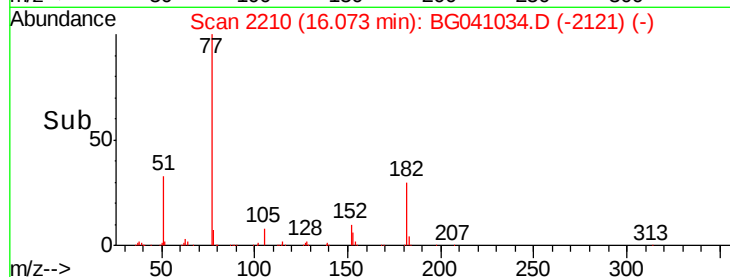


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

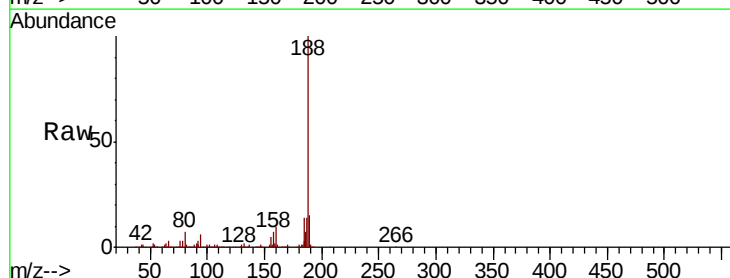
Tgt Ion: 188 Resp: 431508

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

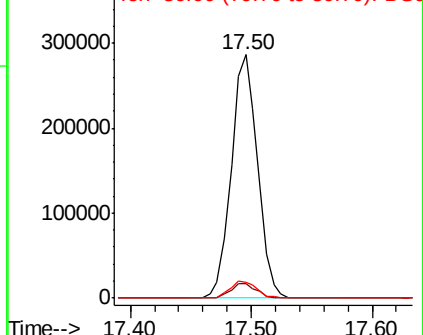
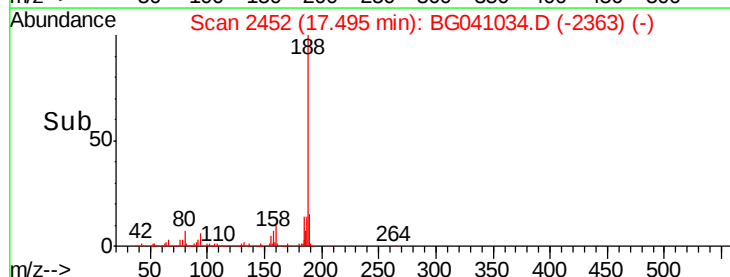
80 6.7 5.8 8.8

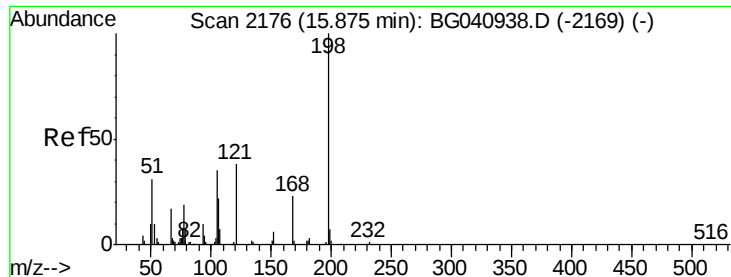


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.431 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

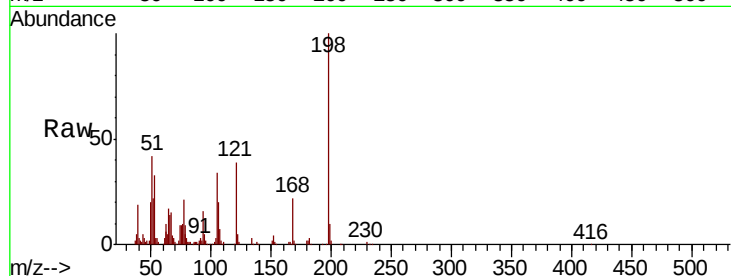
Tot Ion:198 Resp: 78408

Ion Ratio Lower Upper

198 100

51 42.5 21.6 61.6

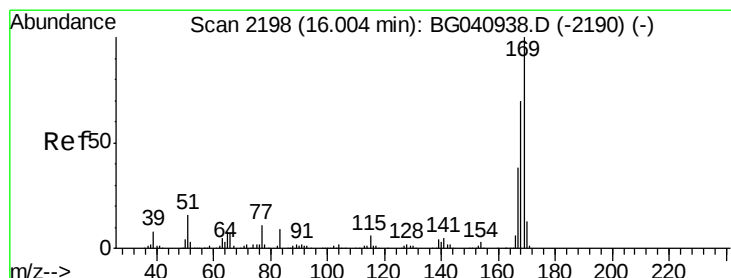
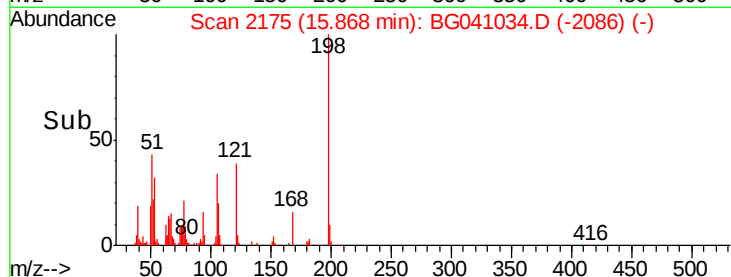
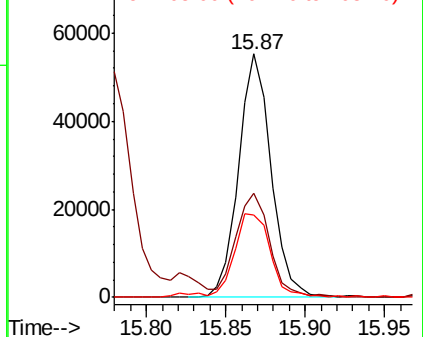
105 33.6 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.533 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

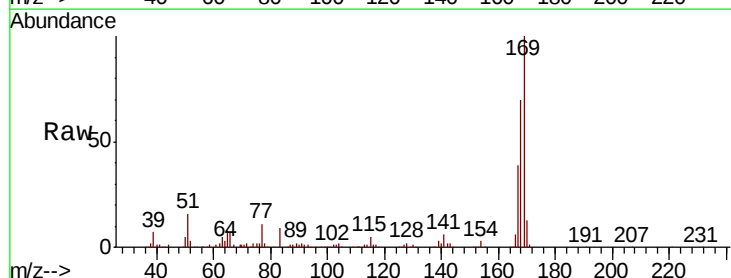
Tgt Ion:169 Resp: 394628

Ion Ratio Lower Upper

169 100

168 70.1 55.7 83.5

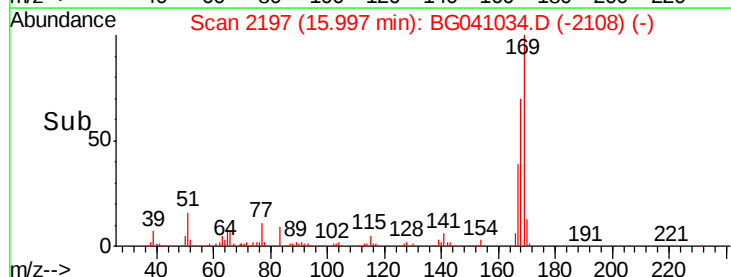
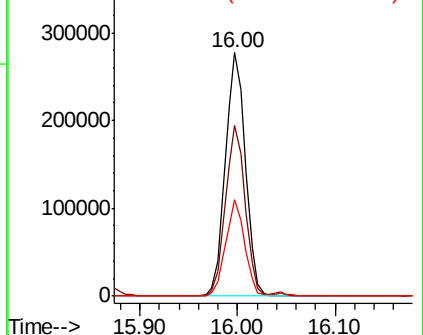
167 39.4 30.2 45.2

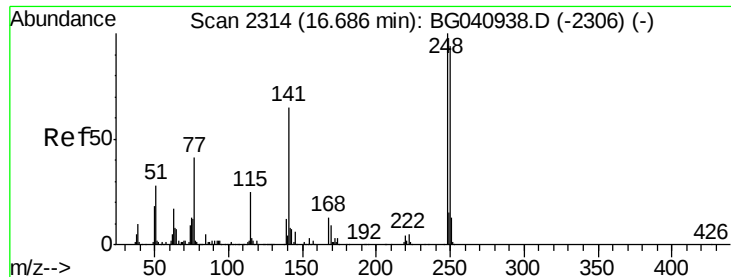


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

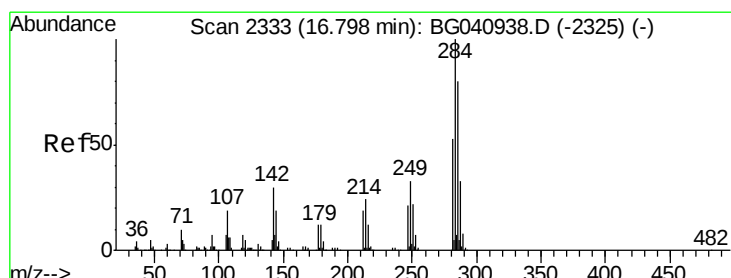
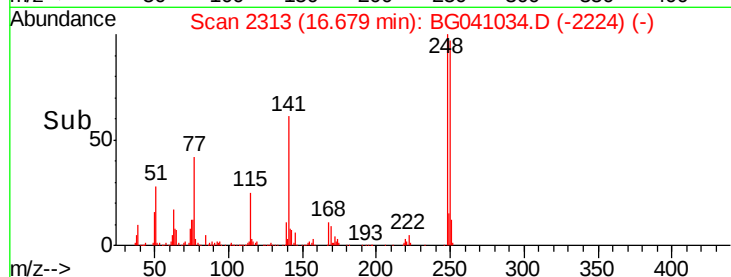
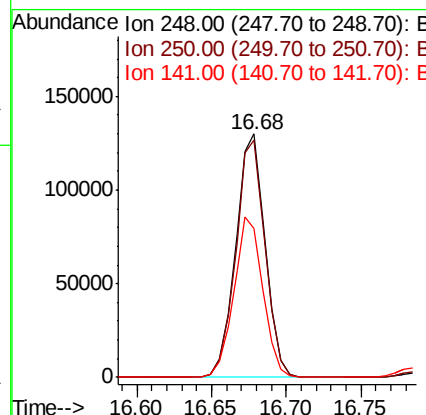
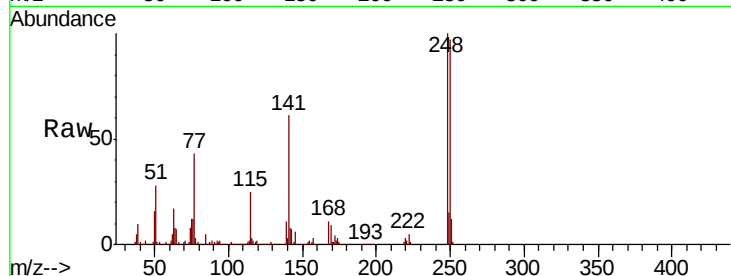




#67
4-Bromophenyl-phenylether
Concen: 30.658 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

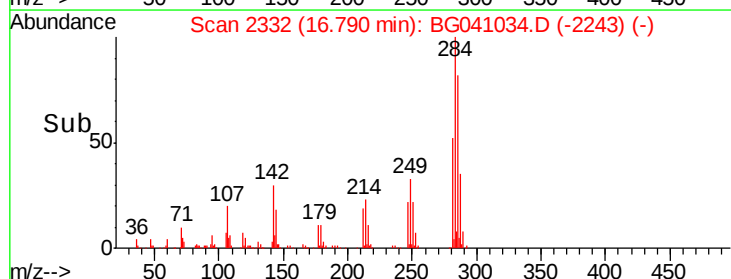
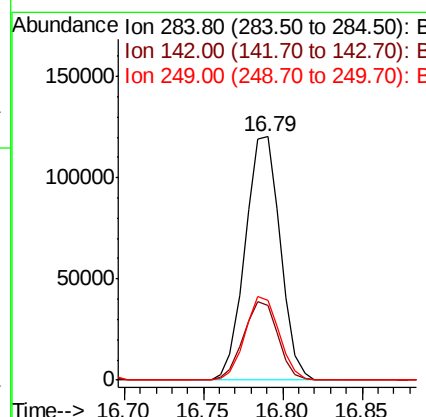
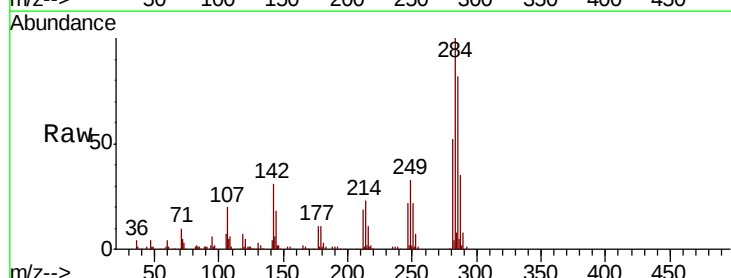
Instrument :
BNA_G
ClientSampleId :
PB120101BS

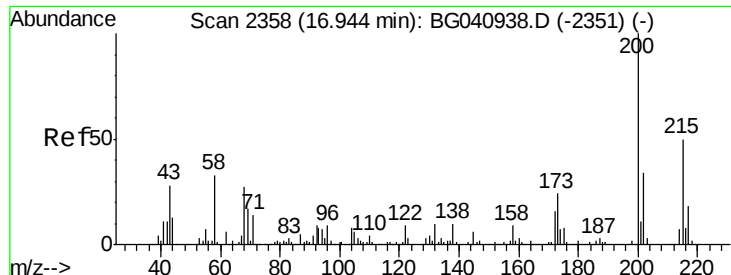
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	75.0	112.4
141	61.3	52.4	78.6



#68
Hexachlorobenzene
Concen: 29.765 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	23.9	35.9
249	33.0	26.8	40.2

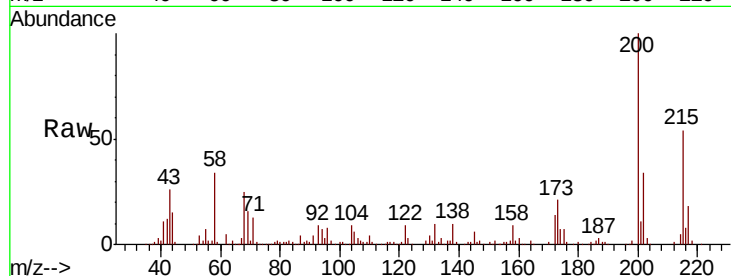




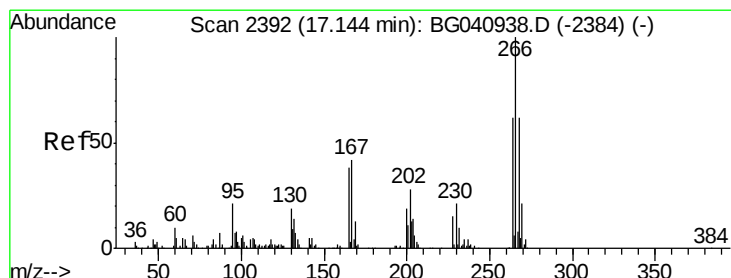
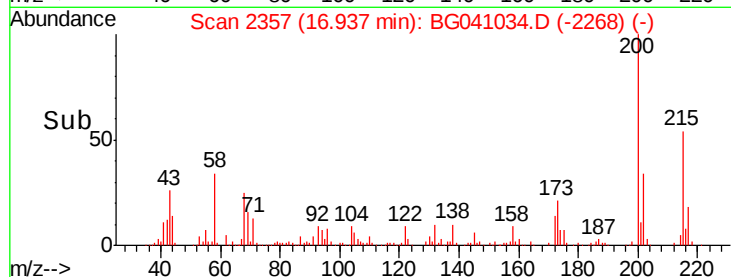
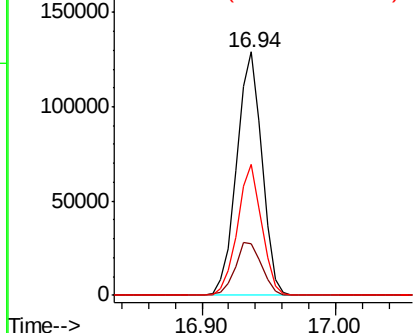
#69
 Atrazine
 Concen: 36.222 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion:200 Resp: 169536
 Ion Ratio Lower Upper
 200 100
 173 21.2 3.6 43.6
 215 53.8 29.6 69.6

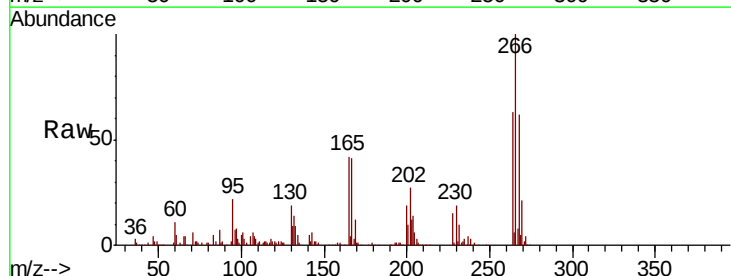


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

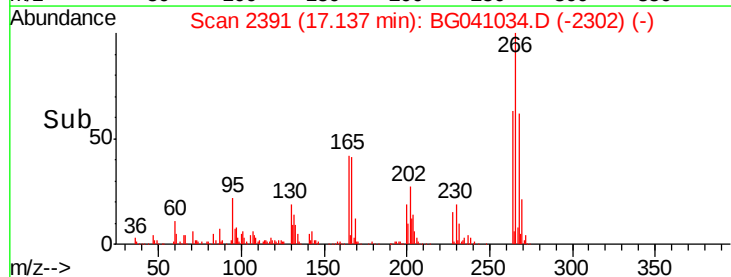
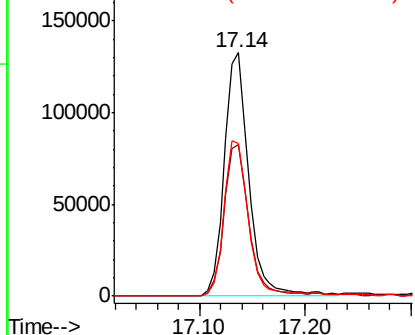


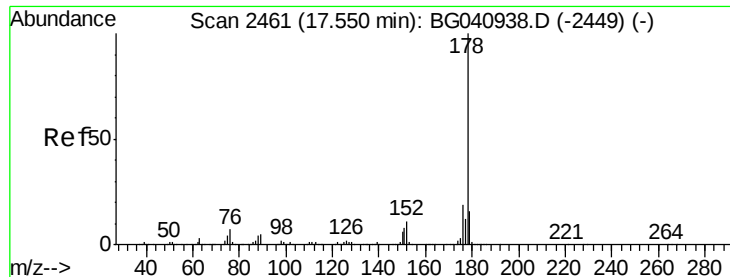
#70
 Pentachlorophenol
 Concen: 65.209 ng
 RT: 17.14 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion:266 Resp: 213854
 Ion Ratio Lower Upper
 266 100
 268 62.3 53.1 79.7
 264 62.5 49.9 74.9



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

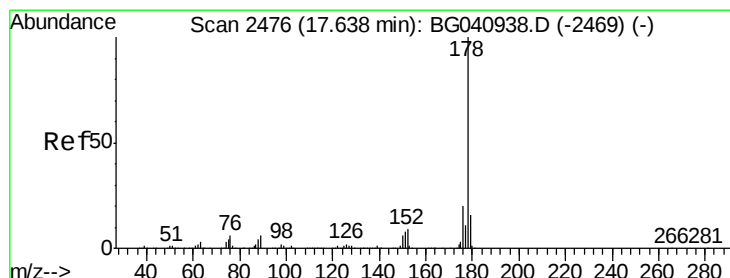
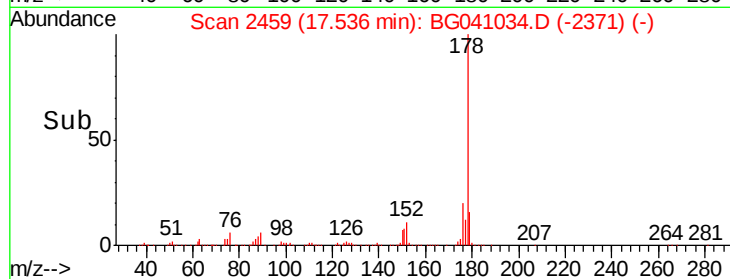
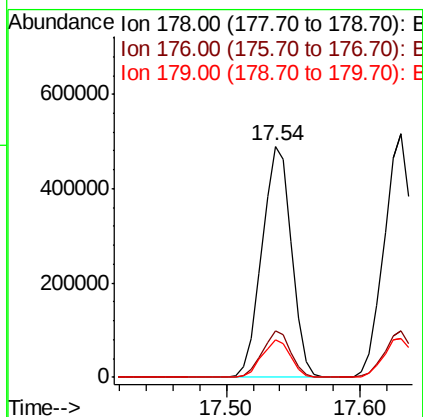
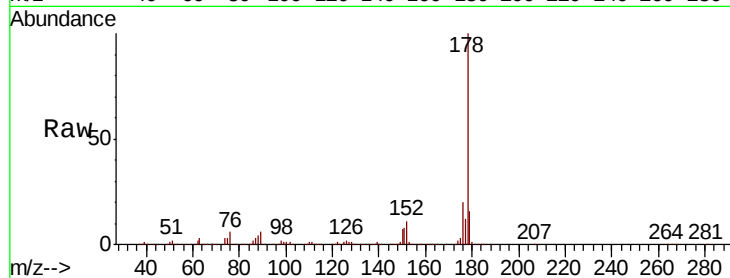




#71
Phenanthrene
Concen: 33.343 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

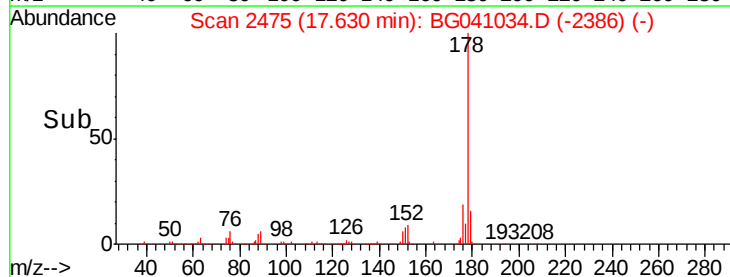
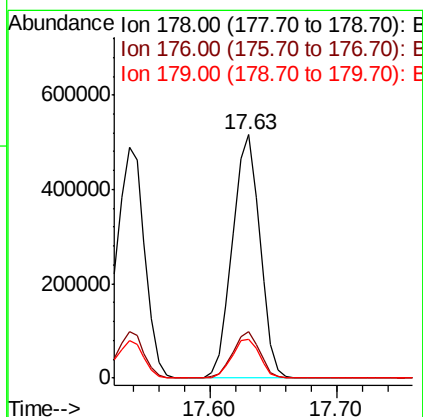
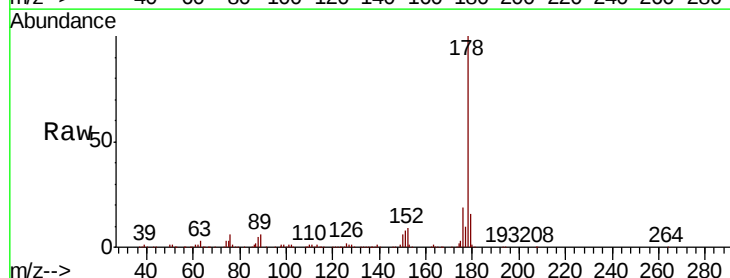
Instrument :
BNA_G
ClientSampleId :
PB120101BS

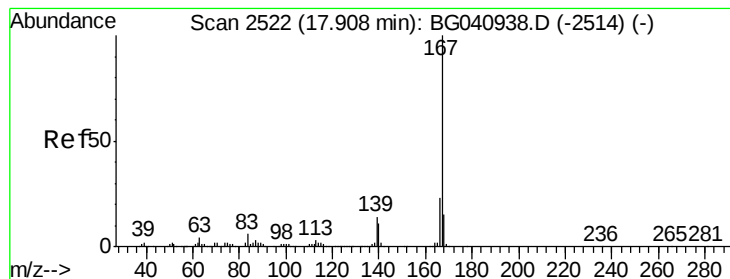
Tot Ion:178 Resp: 749431
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.1 12.7 19.1



#72
Anthracene
Concen: 34.793 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:178 Resp: 771282
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.8 13.0 19.4





#73

Carbazole

Concen: 35.199 ng

RT: 17.90 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

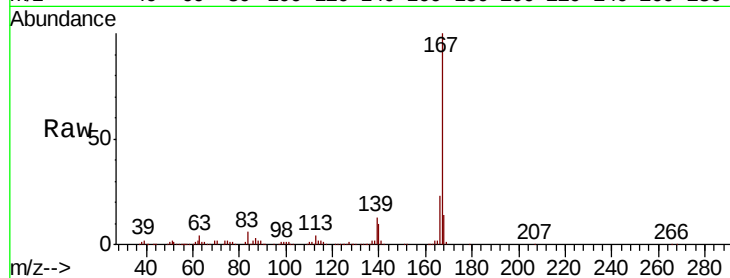
Tot Ion:167 Resp: 669515

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

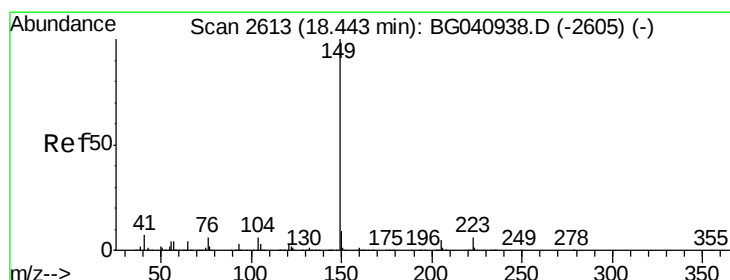
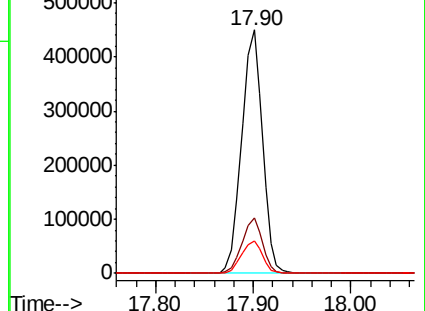
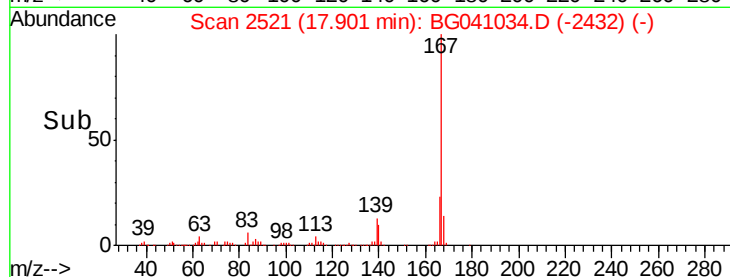
139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 33.228 ng

RT: 18.43 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

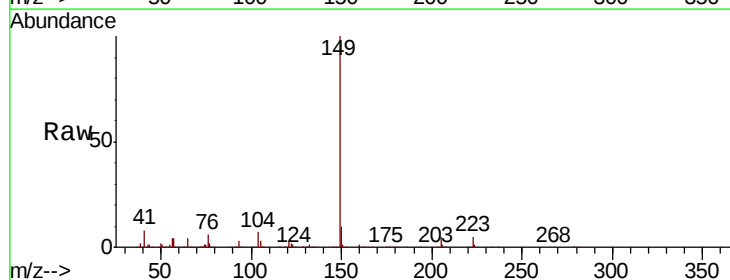
Tgt Ion:149 Resp: 785531

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

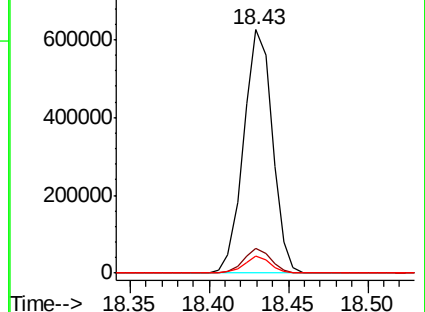
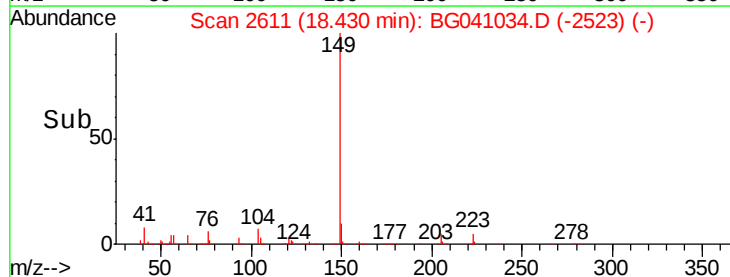
104 6.8 5.0 7.4

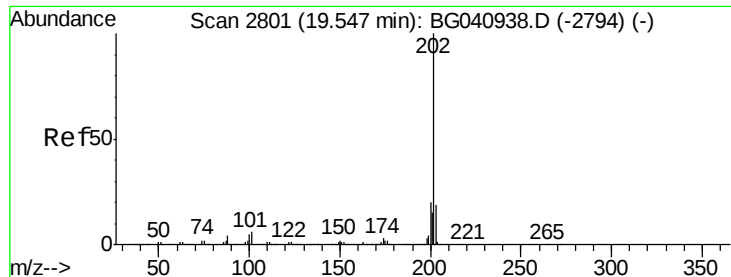


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.130 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

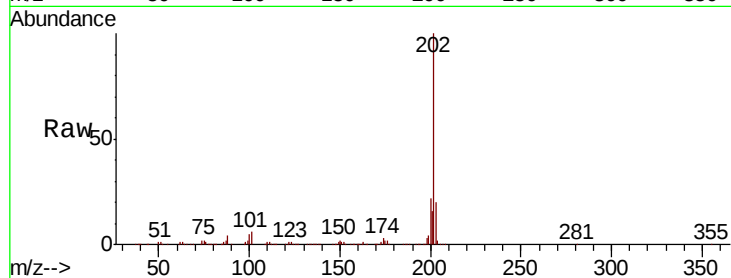
Tot Ion:202 Resp: 975289

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.2

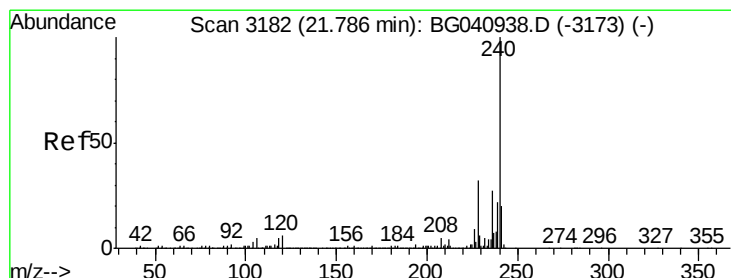
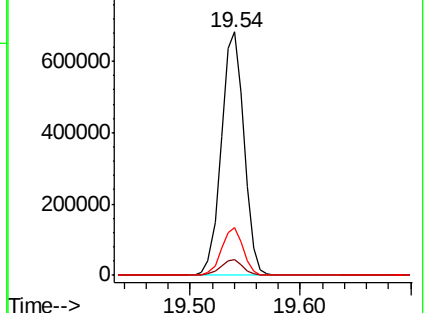
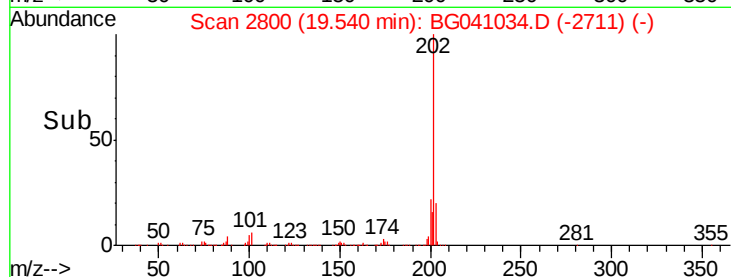
203 19.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

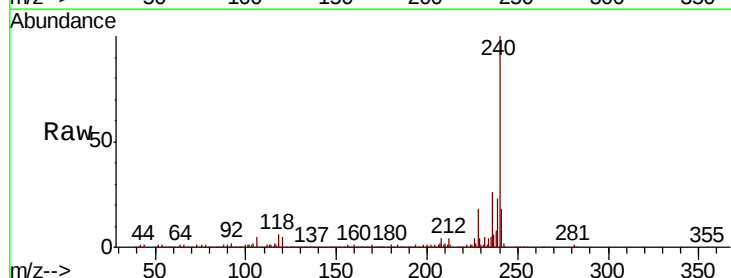
Tgt Ion:240 Resp: 435848

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

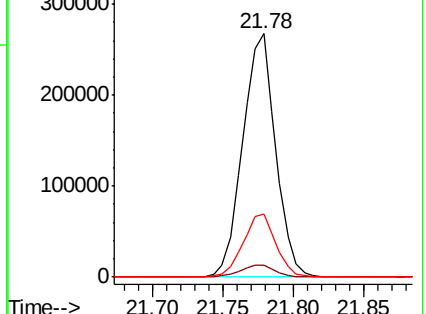
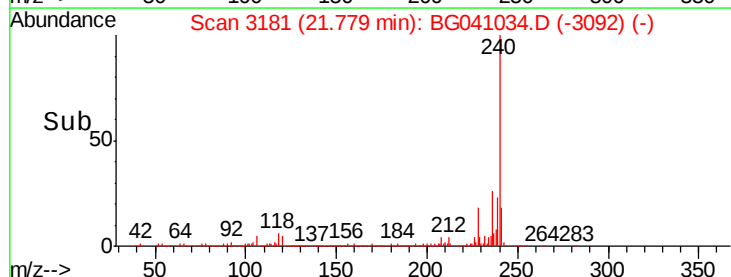
236 26.2 21.3 31.9

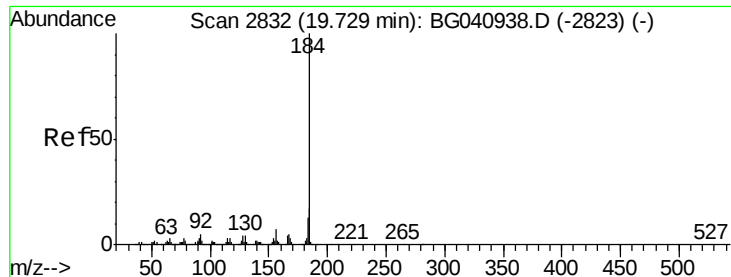


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.241 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

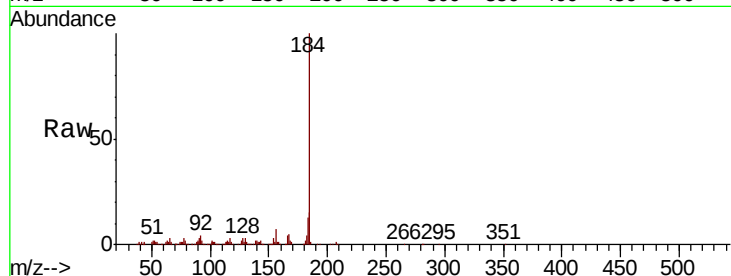
Tot Ion:184 Resp: 304028

Ion Ratio Lower Upper

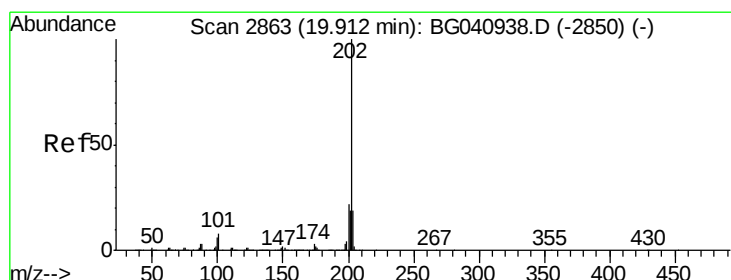
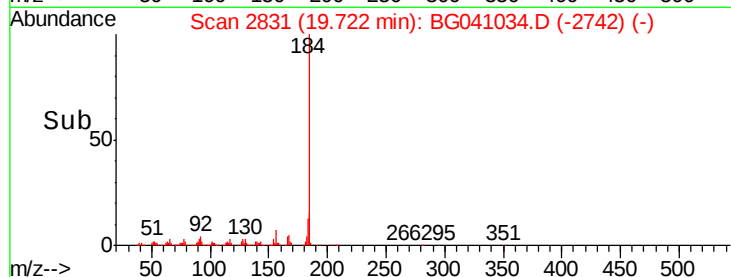
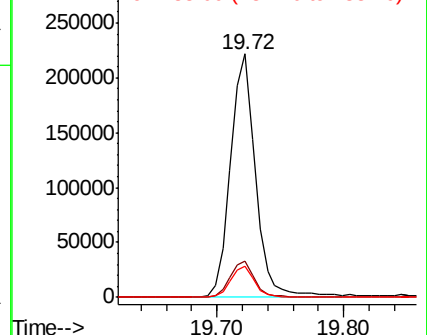
184 100

185 15.0 13.3 19.9

183 12.8 10.7 16.1



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: 34.794 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

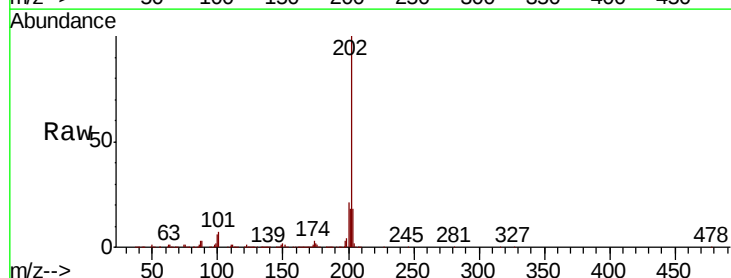
Tgt Ion:202 Resp: 985815

Ion Ratio Lower Upper

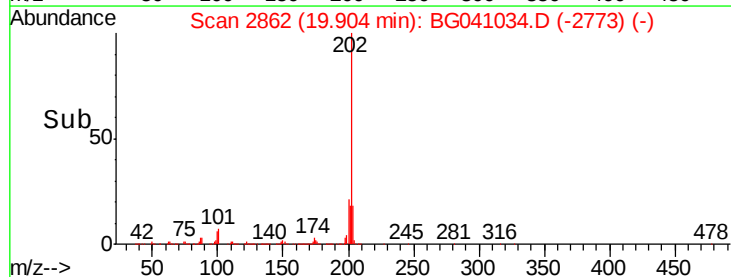
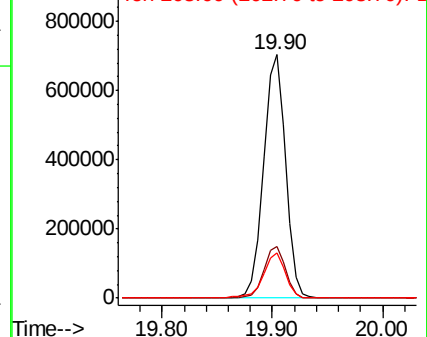
202 100

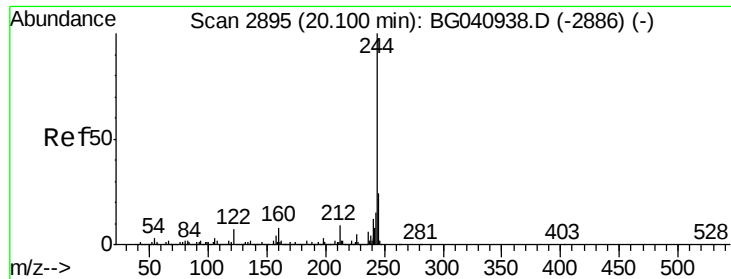
200 21.3 17.5 26.3

203 18.5 15.6 23.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.648 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

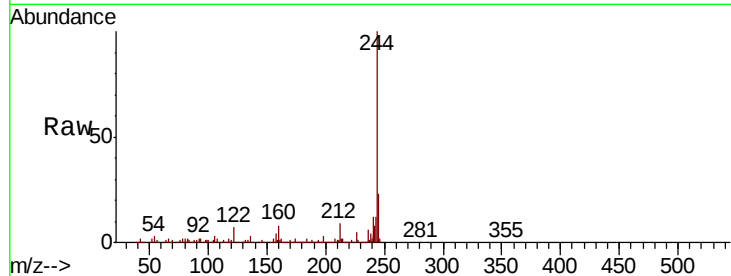
Tot Ion:244 Resp: 1430308

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	7.2	5.4	8.0

244 100

212 8.9 7.0 10.4

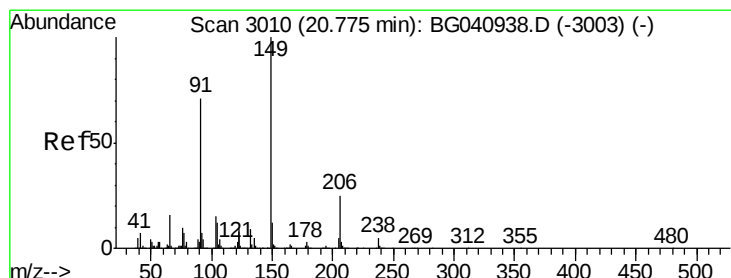
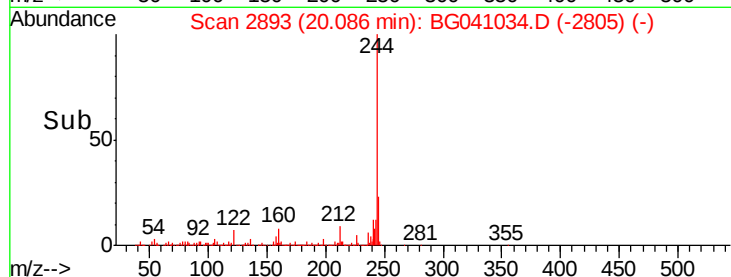
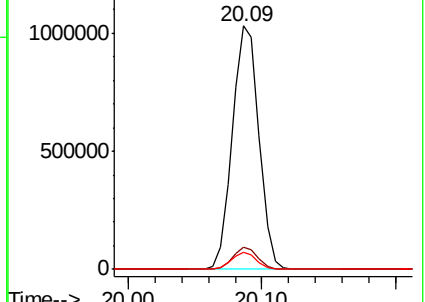
122 7.2 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.550 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

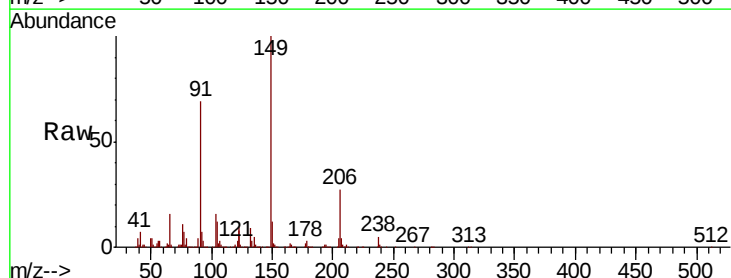
Tgt Ion:149 Resp: 369921

Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.5	84.7
206	26.9	20.3	30.5

149 100

91 69.5 56.5 84.7

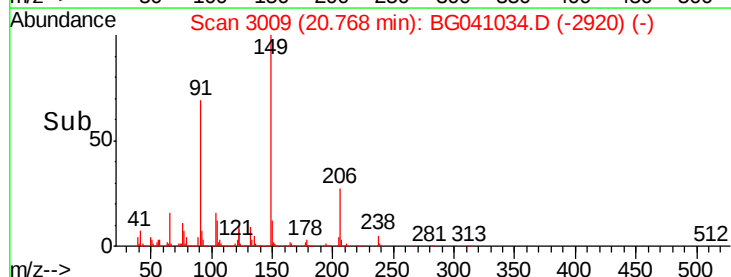
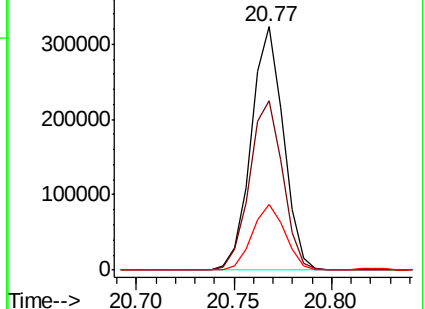
206 26.9 20.3 30.5

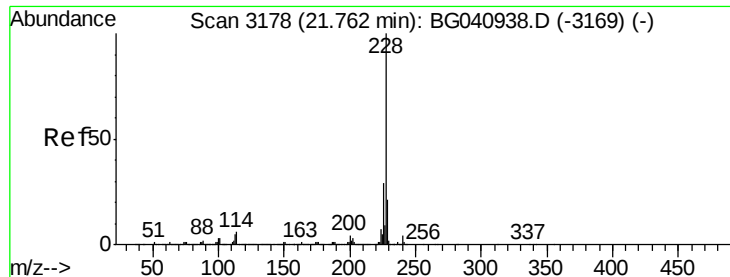


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.185 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

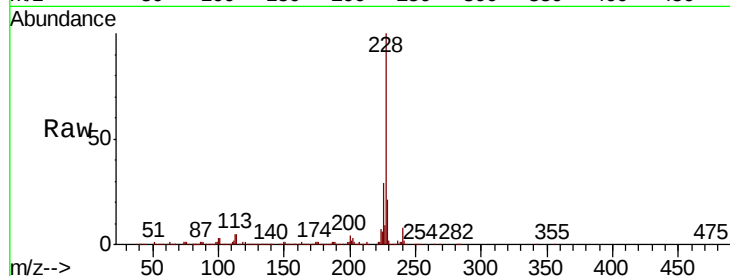
Tot Ion:228 Resp: 962796

Ion Ratio Lower Upper

228 100

226 28.5 23.5 35.3

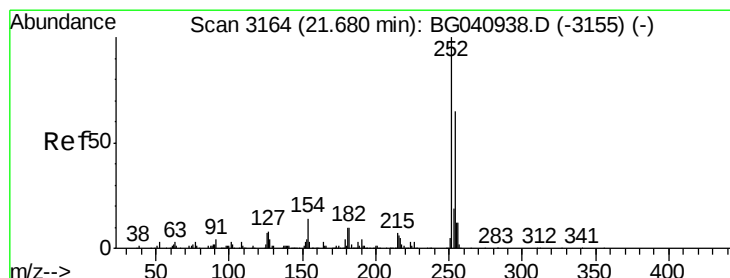
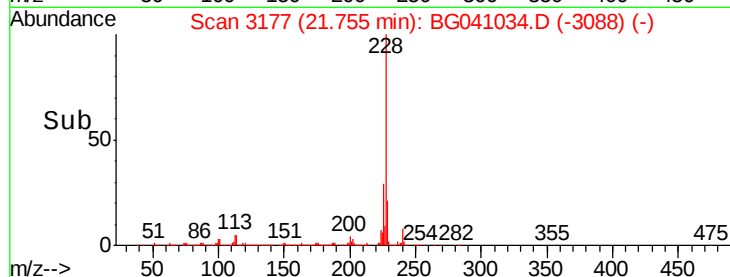
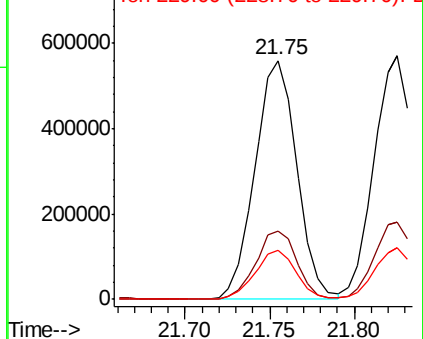
229 20.8 16.7 25.1



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: 23.366 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

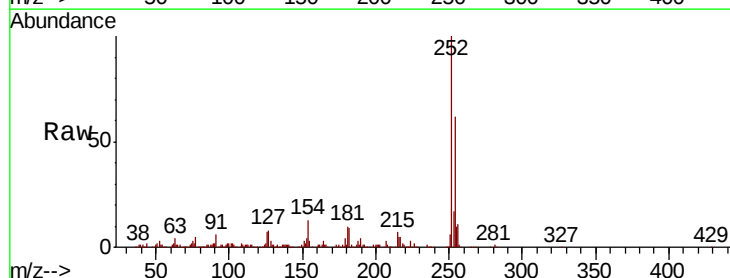
Tgt Ion:252 Resp: 238437

Ion Ratio Lower Upper

252 100

254 61.8 52.1 78.1

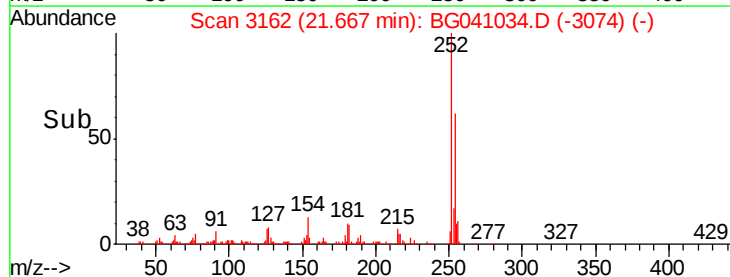
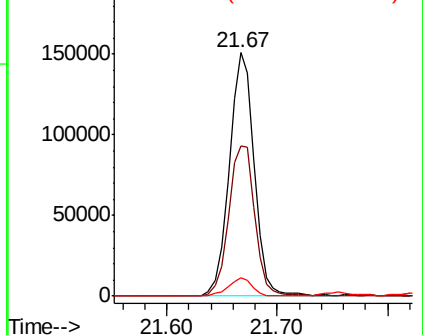
126 7.4 5.5 8.3

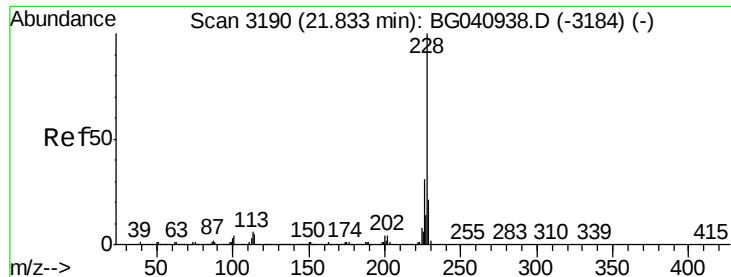


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.816 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

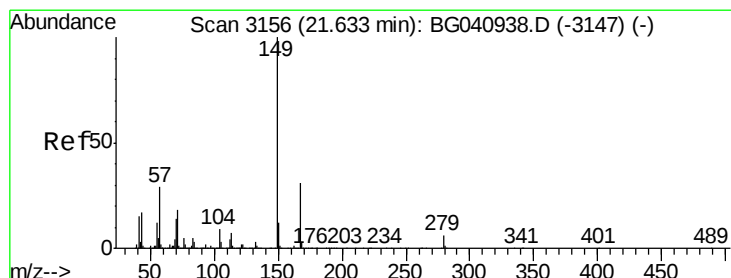
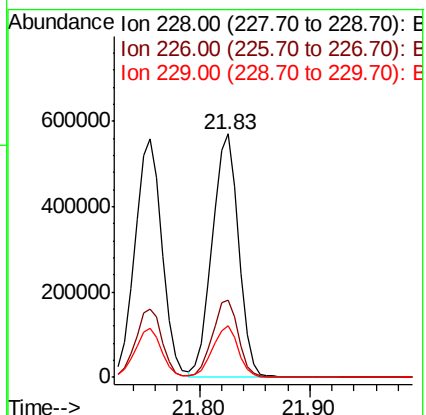
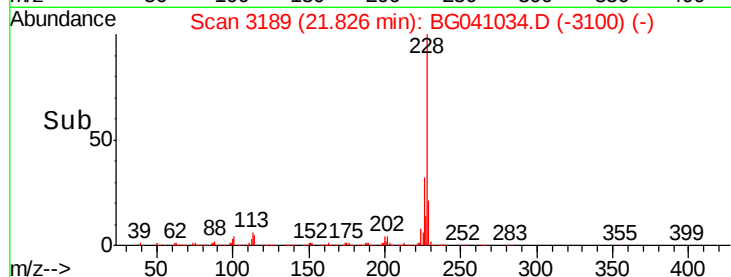
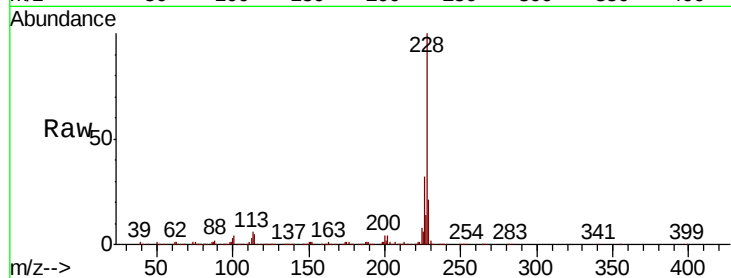
Tot Ion:228 Resp: 938868

Ion Ratio Lower Upper

228 100

226 31.7 24.6 37.0

229 21.2 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.576 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

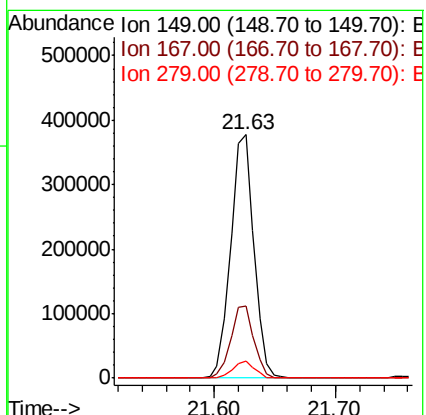
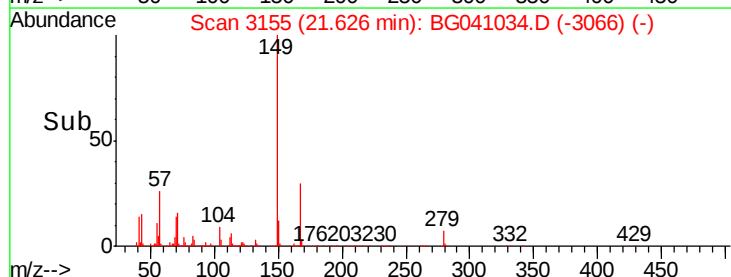
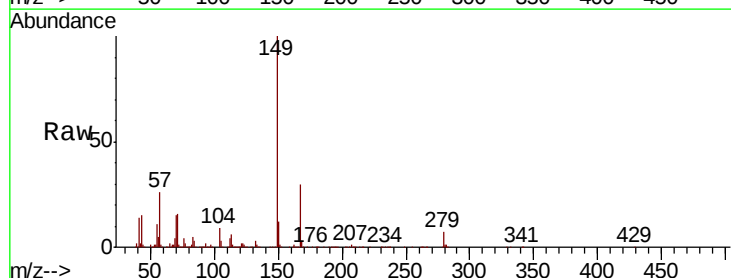
Tgt Ion:149 Resp: 505626

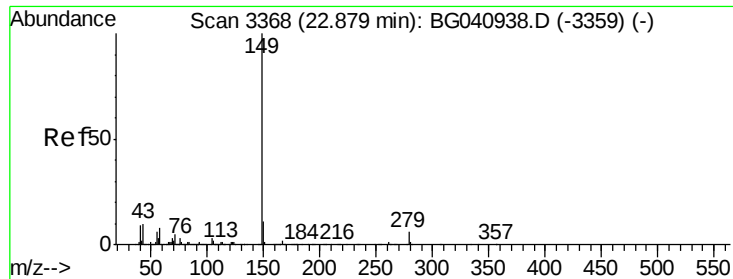
Ion Ratio Lower Upper

149 100

167 29.6 24.6 37.0

279 7.0 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 33.437 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

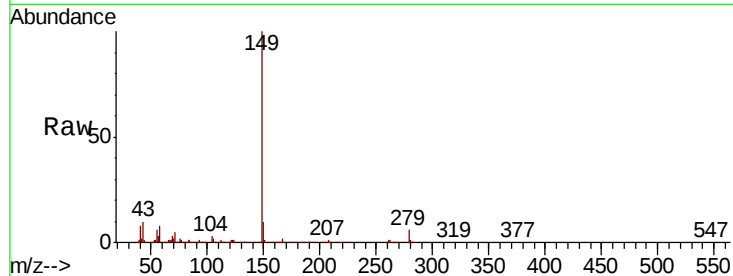
Tot Ion:149 Resp: 864348

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

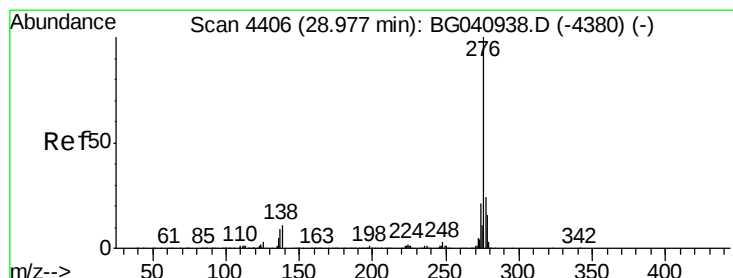
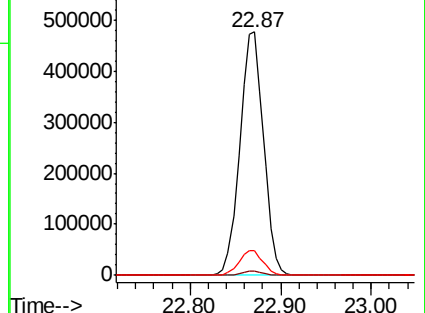
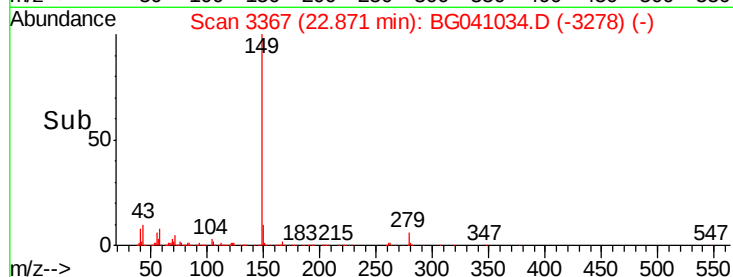
43 10.2 8.1 12.1



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: 32.314 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.02 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

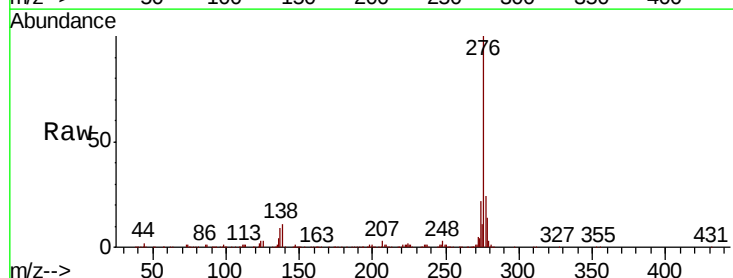
Tgt Ion:276 Resp: 1099026

Ion Ratio Lower Upper

276 100

138 8.9 5.7 8.5#

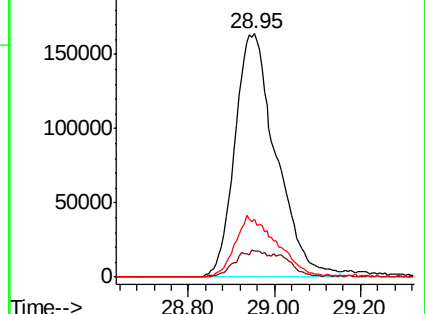
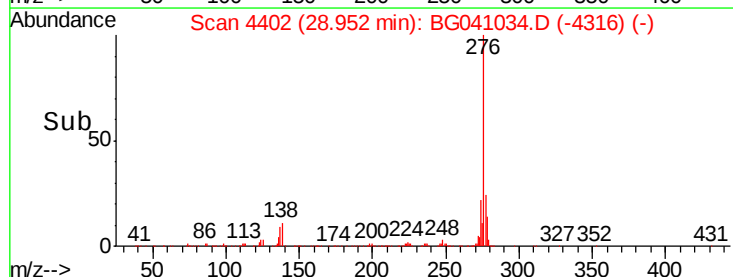
277 25.4 20.8 31.2

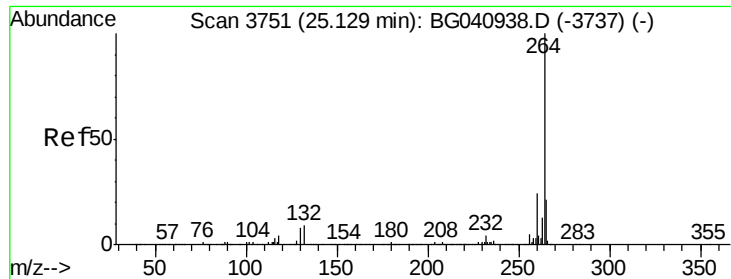


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



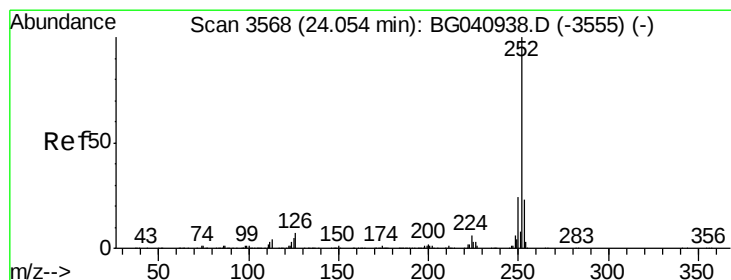
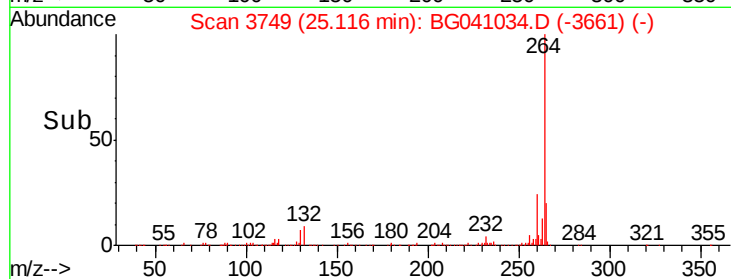
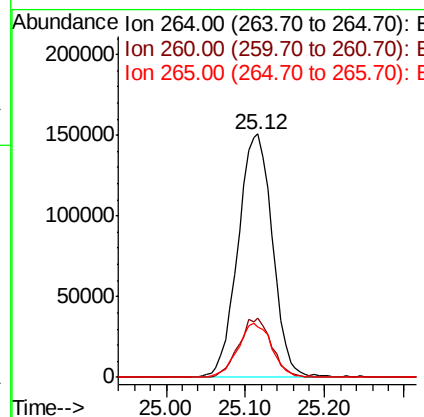
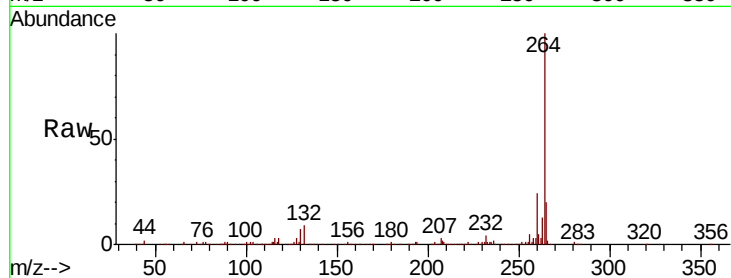


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion:264 Resp: 453738

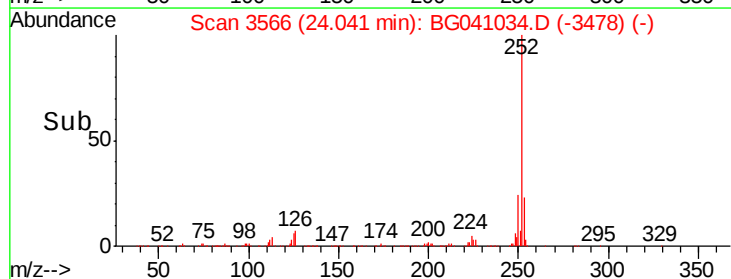
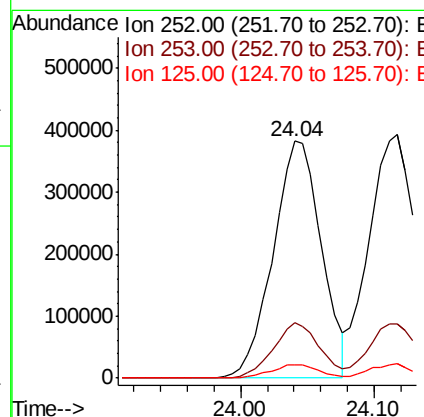
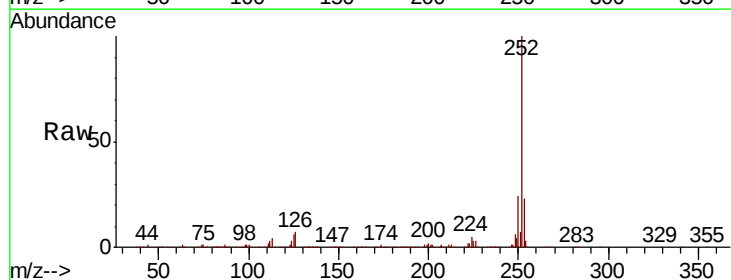
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	20.4	17.0	25.4

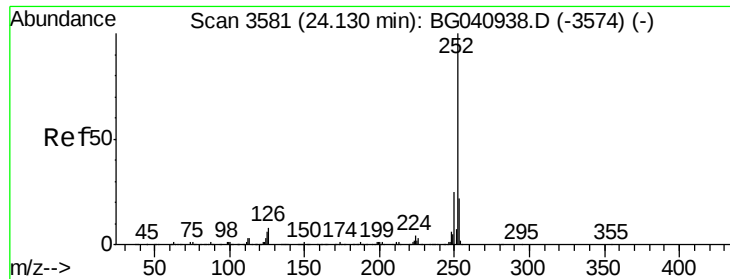


#88
Benzo(b)fluoranthene
Concen: 34.887 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:252 Resp: 960111

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	5.5	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 35.170 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

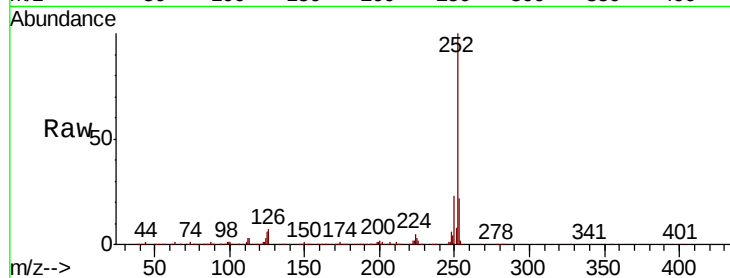
Tot Ion:252 Resp: 957818

Ion Ratio Lower Upper

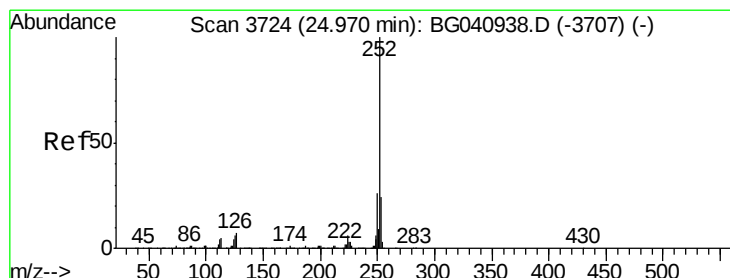
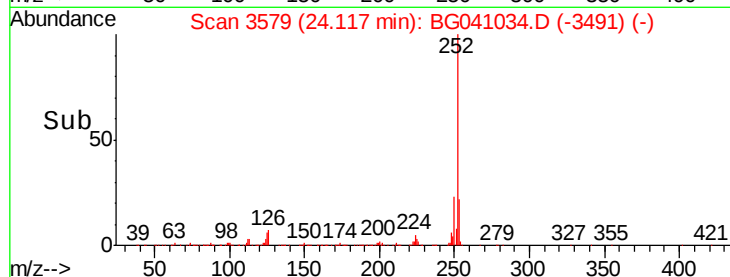
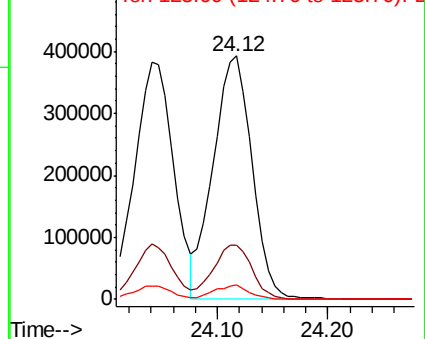
252 100

253 22.3 17.8 26.6

125 5.9 4.7 7.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.145 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

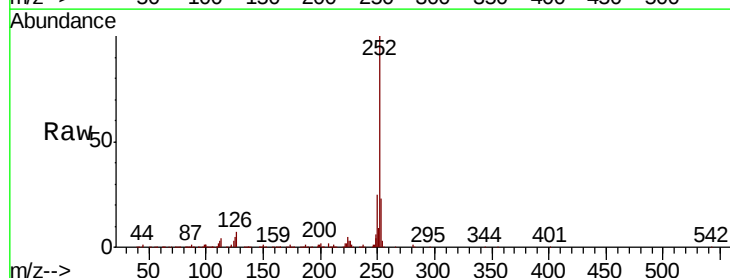
Tgt Ion:252 Resp: 949051

Ion Ratio Lower Upper

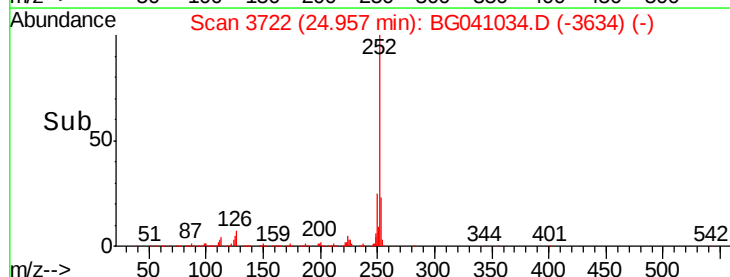
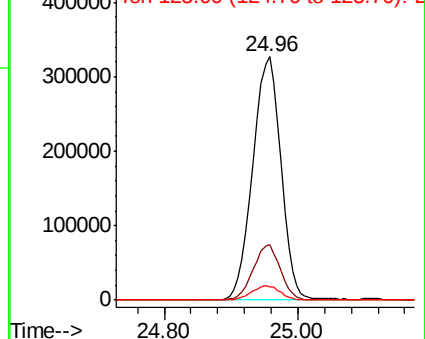
252 100

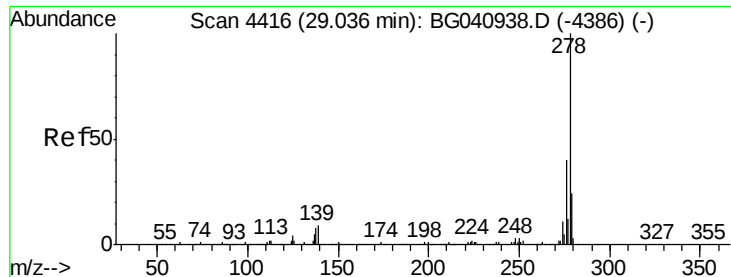
253 22.7 19.5 29.3

125 5.3 5.1 7.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

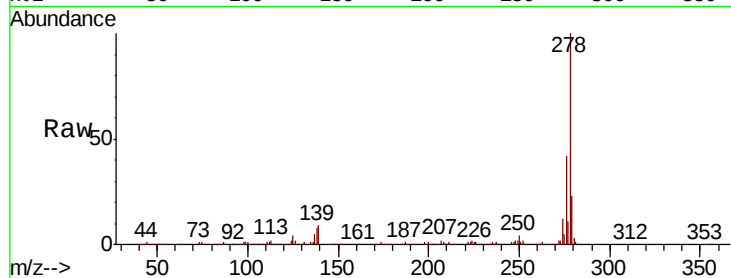




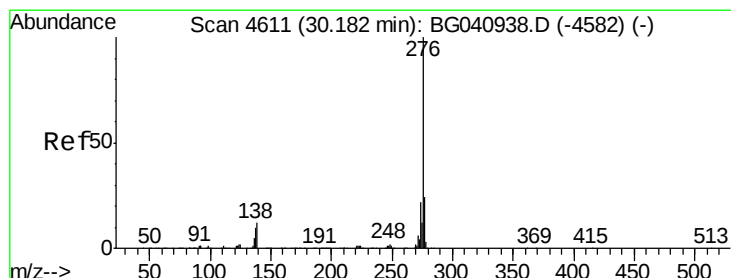
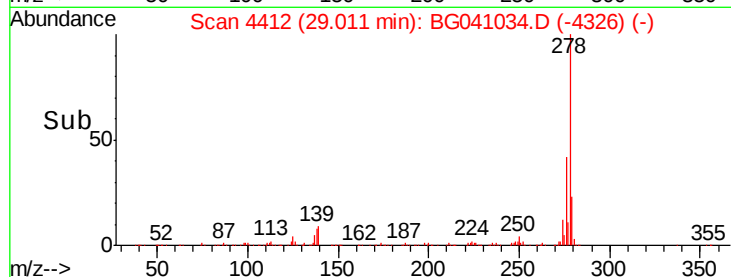
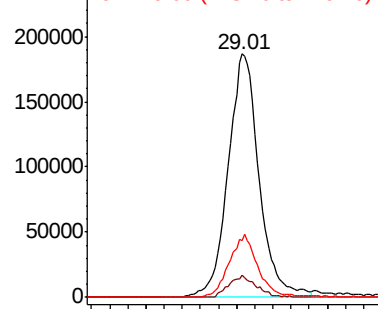
#91
Dibenzo(a,h)anthracene
Concen: 33.838 ng
RT: 29.01 min Scan# 4412
Delta R.T. -0.02 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion:278 Resp: 887789
Ion Ratio Lower Upper
278 100
139 9.4 7.1 10.7
279 23.4 19.4 29.2

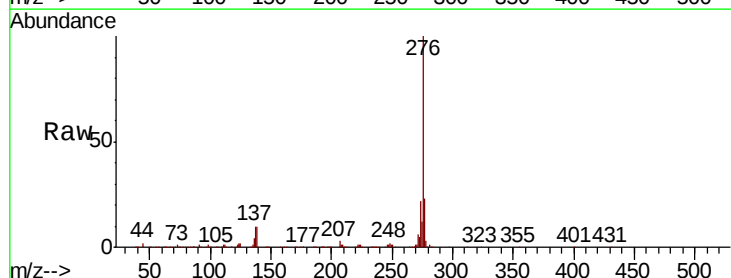


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.140 ng
RT: 30.16 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:276 Resp: 895684
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.0
138 10.4 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

