

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042987.D
 Acq On : 2 Oct 2019 16:32
 Operator : JU
 Sample : PB123559BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BS

Quant Time: Oct 03 04:26:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	61914	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	248480	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	180803	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	445136	20.00	ng	0.00
76) Chrysene-d12	21.71	240	492436	20.00	ng	0.00
87) Perylene-d12	24.93	264	515717	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	407674	117.51	ng	0.00
7) Phenol-d6	7.24	99	550740	110.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	336479	65.82	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	348570	112.12	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	836346	67.06	ng	0.00
79) Terphenyl-d14	20.04	244	1653706	71.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	53299	36.848	ng	94
3) Pyridine	3.94	79	126786	31.164	ng	97
4) n-Nitrosodimethylamine	3.86	42	86360	44.142	ng	97
6) Aniline	7.39	93	188743	31.296	ng	99
8) 2-Chlorophenol	7.64	128	171939	47.523	ng	99
9) Benzaldehyde	7.21	77	89486	29.312	ng	90
10) Phenol	7.27	94	217249	47.396	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	147515	41.594	ng	97
12) 1,3-Dichlorobenzene	7.96	146	187109	40.540	ng	99
13) 1,4-Dichlorobenzene	8.10	146	193098	41.968	ng	96
14) 1,2-Dichlorobenzene	8.42	146	182219	41.599	ng	95
15) Benzyl Alcohol	8.31	79	167507	44.595	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	254590	37.380	ng	97
17) 2-Methylphenol	8.52	107	145191	45.270	ng	97
18) Hexachloroethane	9.16	117	71118	41.042	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	131568	40.106	ng	98
20) 3+4-Methylphenols	8.85	107	202325	46.033	ng	97
22) Acetophenone	8.89	105	257610	40.220	ng	97
24) Nitrobenzene	9.27	77	204386	41.914	ng	95
25) Isophorone	9.80	82	362711	40.392	ng	98
26) 2-Nitrophenol	9.98	139	97725	47.078	ng	98
27) 2,4-Dimethylphenol	10.04	122	161745	50.737	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	202838	39.813	ng	96
29) 2,4-Dichlorophenol	10.53	162	187169	47.208	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	211692	41.346	ng	98
31) Naphthalene	10.92	128	528271	43.189	ng	99
32) Benzoic acid	10.20	122	101655	42.094	ng	94
33) 4-Chloroaniline	11.03	127	142449	26.838	ng	97
34) Hexachlorobutadiene	11.21	225	152008	39.651	ng	97
35) Caprolactam	11.81	113	33228	23.765	ng	# 85
36) 4-Chloro-3-methylphenol	12.15	107	197088	45.719	ng	98
37) 2-Methylnaphthalene	12.52	142	399421	42.804	ng	97
38) 1-Methylnaphthalene	12.74	142	374378	42.400	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	268298	39.467	ng	98

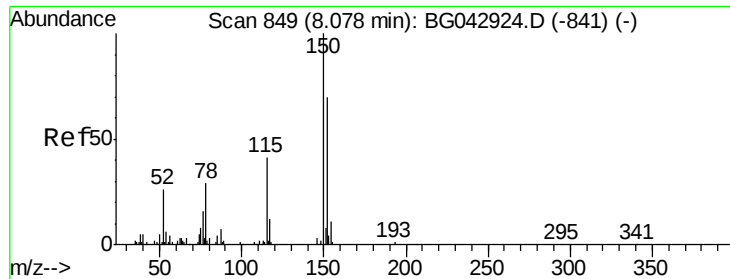
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042987.D
 Acq On : 2 Oct 2019 16:32
 Operator : JU
 Sample : PB123559BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BS

Quant Time: Oct 03 04:26:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	307585	71.013	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	174804	43.932	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	187101	45.647	ng	96
46) 1,1'-Biphenyl	13.53	154	537377	39.193	ng	97
47) 2-Chloronaphthalene	13.57	162	425882	41.429	ng	99
48) 2-Nitroaniline	13.77	65	144169	42.173	ng	96
49) Acenaphthylene	14.41	152	683679	43.464	ng	99
50) Dimethylphthalate	14.14	163	553804	40.880	ng	99
51) 2,6-Dinitrotoluene	14.26	165	127357	44.146	ng	98
52) Acenaphthene	14.76	154	418922	39.789	ng	99
53) 3-Nitroaniline	14.59	138	93665	31.416	ng	99
54) 2,4-Dinitrophenol	14.79	184	149860	83.571	ng	98
55) Dibenzofuran	15.09	168	667046	42.828	ng	99
56) 4-Nitrophenol	14.91	139	210642	92.727	ng	98
57) 2,4-Dinitrotoluene	15.04	165	181455	42.951	ng	99
58) Fluorene	15.74	166	569199	42.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	195589	44.816	ng	99
60) Diethylphthalate	15.50	149	552362	40.065	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	333131	41.773	ng	98
62) 4-Nitroaniline	15.75	138	132590	40.777	ng	96
63) Azobenzene	16.02	77	512356	40.819	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	114077	45.289	ng	97
66) n-Nitrosodiphenylamine	15.94	169	505142	42.987	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	233474	41.790	ng	97
68) Hexachlorobenzene	16.74	284	256020	41.157	ng	100
69) Atrazine	16.89	200	201363	40.693	ng	97
70) Pentachlorophenol	17.08	266	323360	90.086	ng	98
71) Phenanthrene	17.48	178	918477	42.264	ng	97
72) Anthracene	17.56	178	941325	43.389	ng	100
73) Carbazole	17.83	167	874069	43.446	ng	98
74) Di-n-butylphthalate	18.39	149	994314	41.424	ng	99
75) Fluoranthene	19.48	202	1242004	43.209	ng	99
77) Benzidine	19.66	184	409056	33.175	ng	99
78) Pyrene	19.84	202	1255848	42.728	ng	99
80) Butylbenzylphthalate	20.73	149	474516	42.533	ng	99
81) Benzo(a)anthracene	21.68	228	1301302	42.411	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	439206	36.496	ng	99
83) Chrysene	21.75	228	1255348	42.160	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	679052	42.776	ng	98
85) Di-n-octyl phthalate	22.81	149	1156489	44.551	ng	98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1642117	44.300	ng	99
88) Benzo(b)fluoranthene	23.91	252	1375530	47.138	ng	99
89) Benzo(k)fluoranthene	23.97	252	1375373	47.644	ng	99
90) Benzo(a)pyrene	24.78	252	1355760	49.245	ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1402585	49.683	ng	100
92) Benzo(g,h,i)perylene	29.76	276	1362980	49.829	ng	98

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

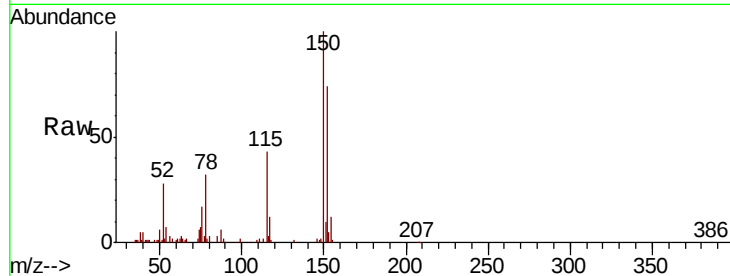


#1

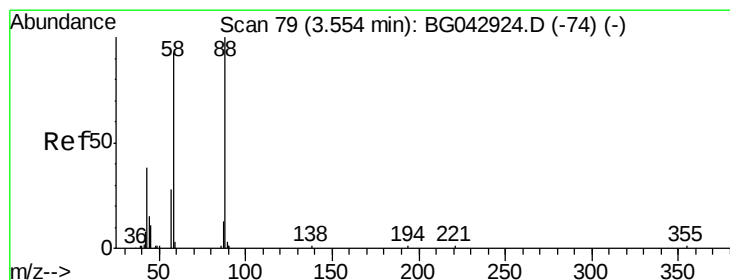
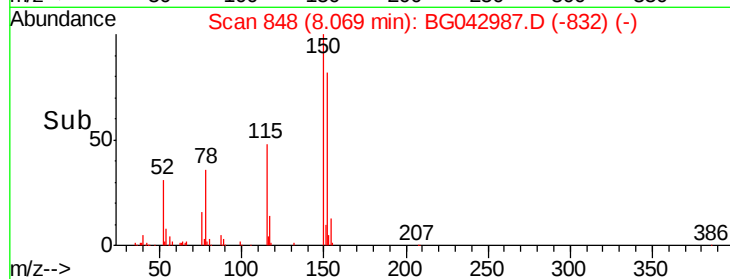
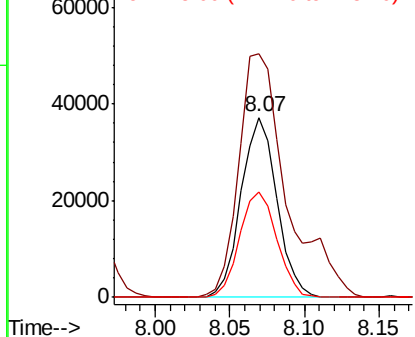
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB123559BS

Tot Ion:152 Resp: 61914
Ion Ratio Lower Upper
152 100
150 135.3 115.0 172.4
115 58.9 47.0 70.6



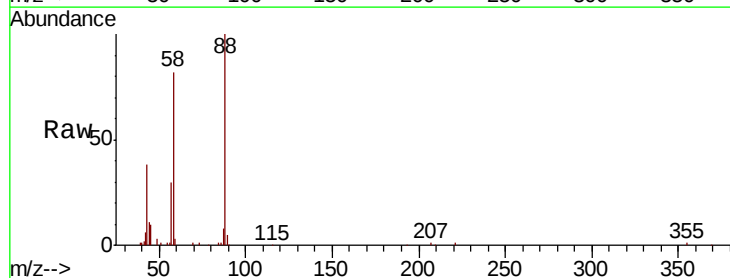
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



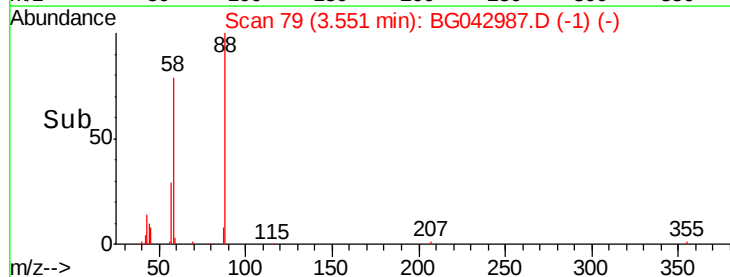
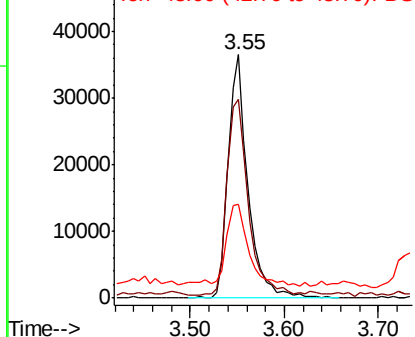
#2

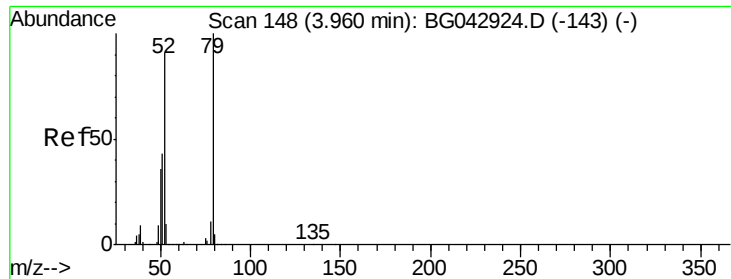
1,4-Dioxane
Concen: 36.848 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion: 88 Resp: 53299
Ion Ratio Lower Upper
88 100
58 86.4 74.3 111.5
43 39.0 29.8 44.8



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: 31.164 ng

RT: 3.94 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

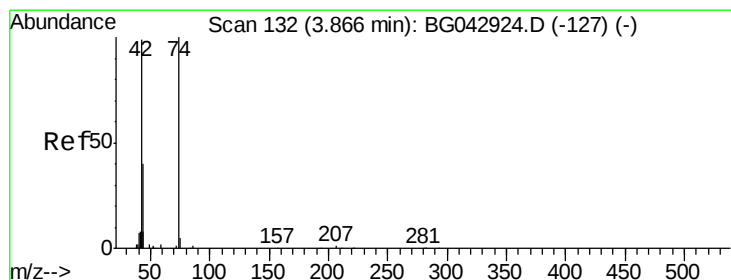
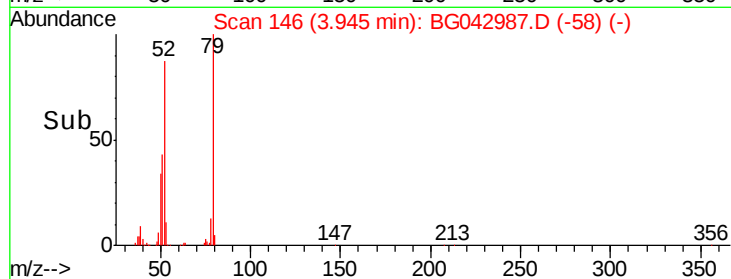
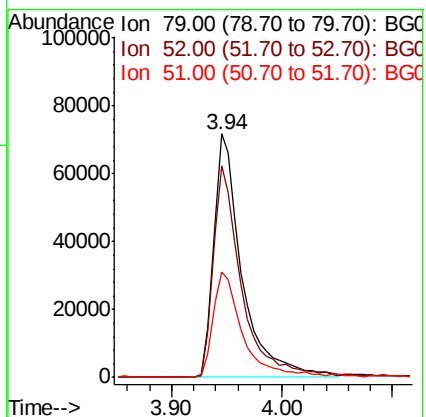
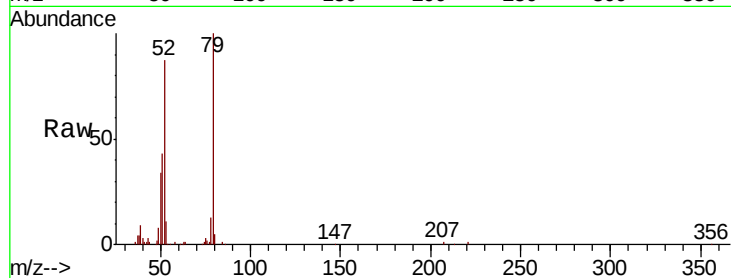
Tot Ion: 79 Resp: 126786

Ion Ratio Lower Upper

79 100

52 86.7 73.0 109.4

51 43.3 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 44.142 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

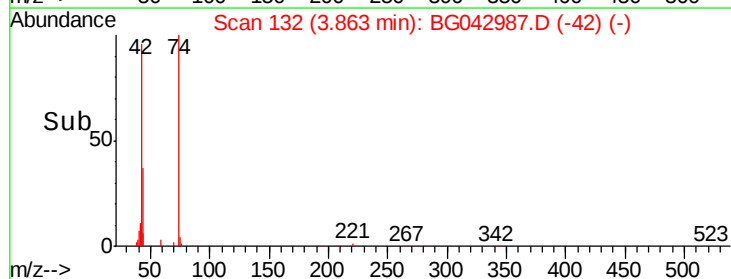
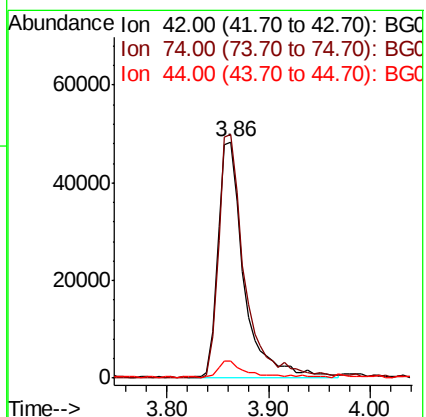
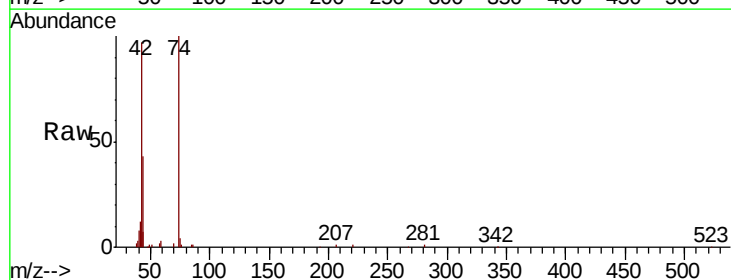
Tgt Ion: 42 Resp: 86360

Ion Ratio Lower Upper

42 100

74 103.1 80.5 120.7

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 117.509 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

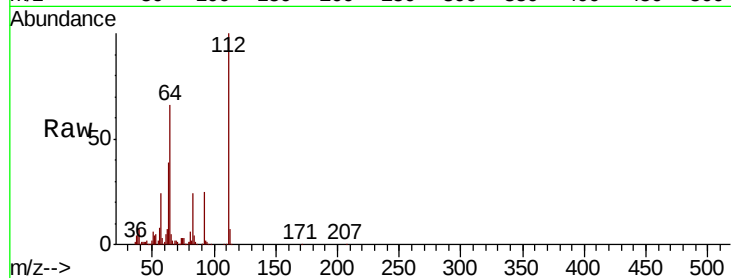
Tot Ion:112 Resp: 407674

Ion Ratio Lower Upper

112 100

64 65.6 56.6 84.8

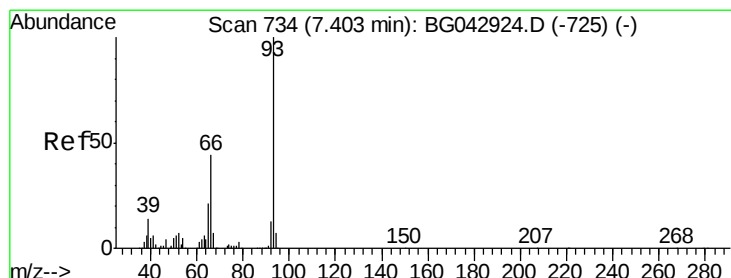
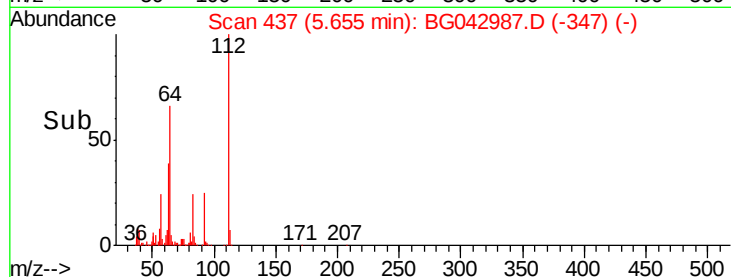
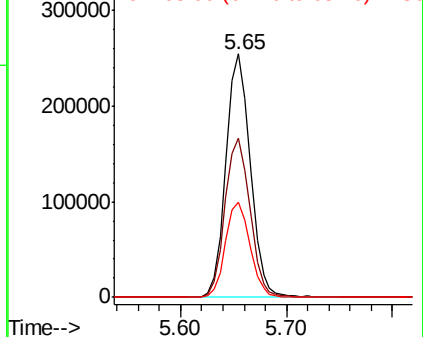
63 39.0 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.296 ng

RT: 7.39 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

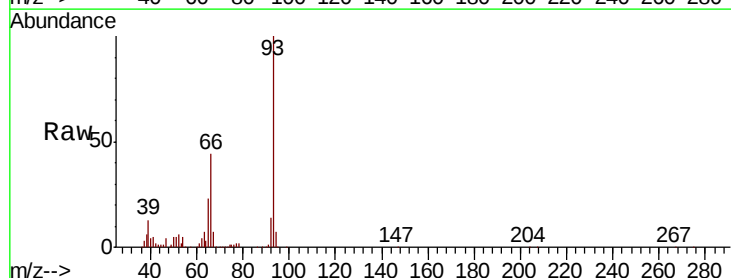
Tgt Ion: 93 Resp: 188743

Ion Ratio Lower Upper

93 100

66 43.6 35.0 52.6

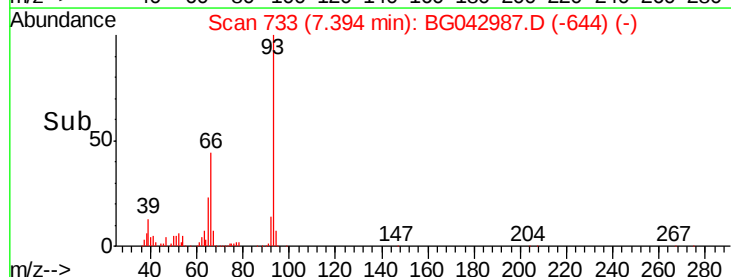
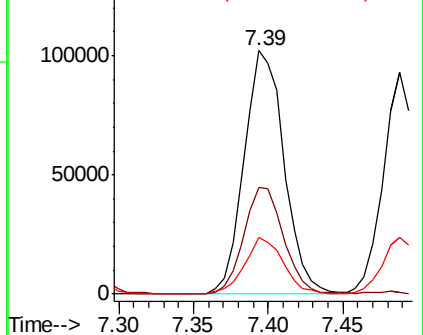
65 23.2 17.4 26.0

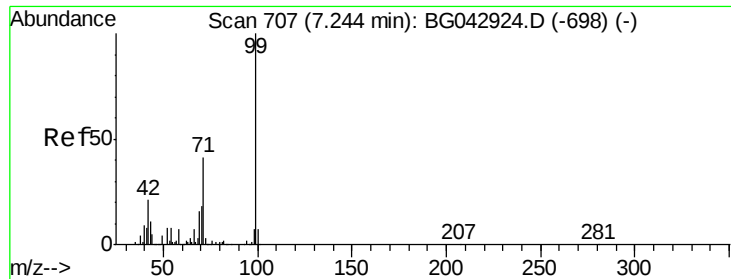


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.236 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

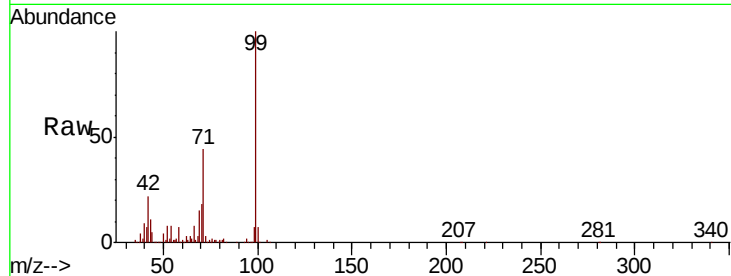
BNA_G

ClientSampleId :

PB123559BS

Tot Ion: 99 Resp: 550740

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.2	25.8
71	44.3	33.1	49.7

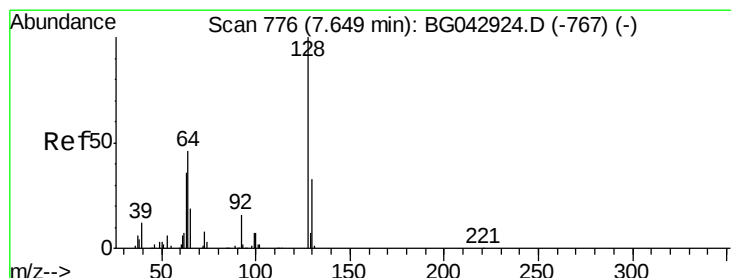
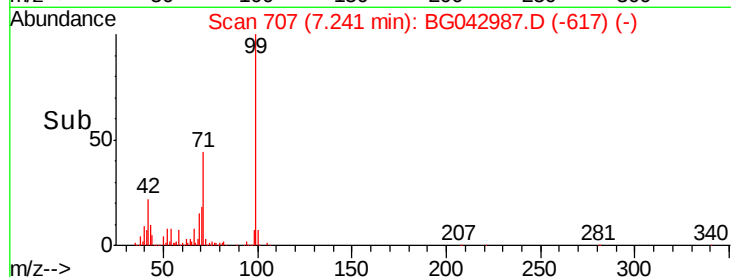
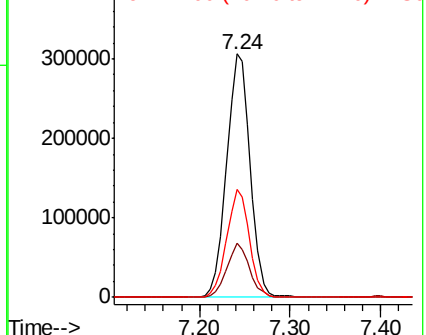


Abundance

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: 47.523 ng

RT: 7.64 min Scan# 775

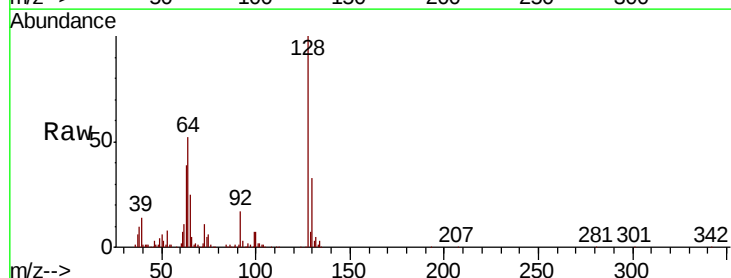
Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Tgt Ion: 128 Resp: 171939

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	51.7	32.8	72.8

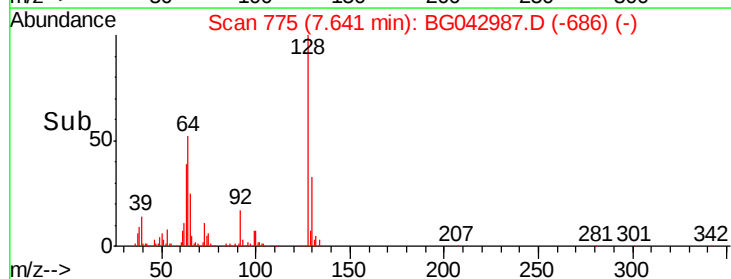
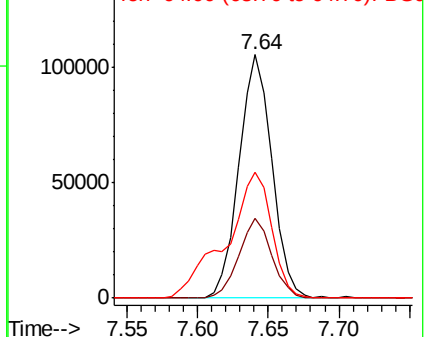


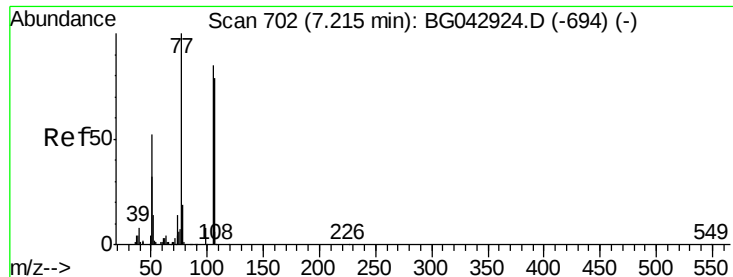
Abundance

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: 29.312 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

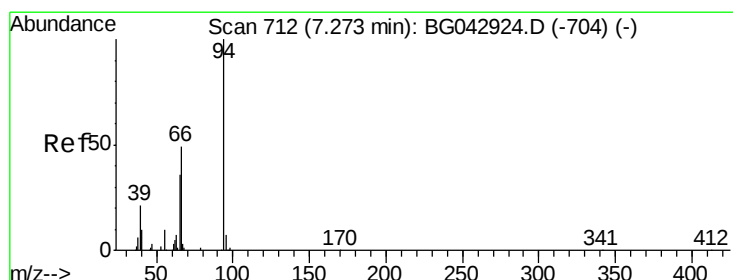
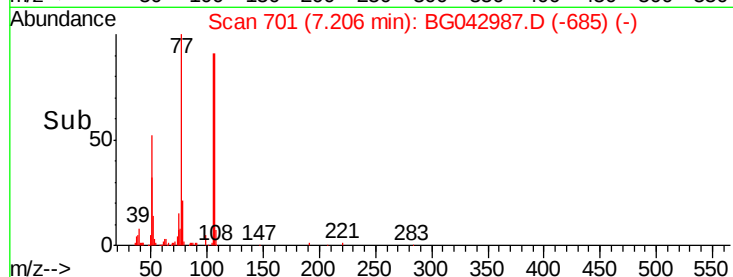
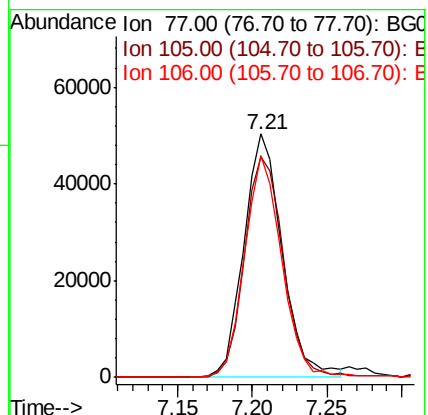
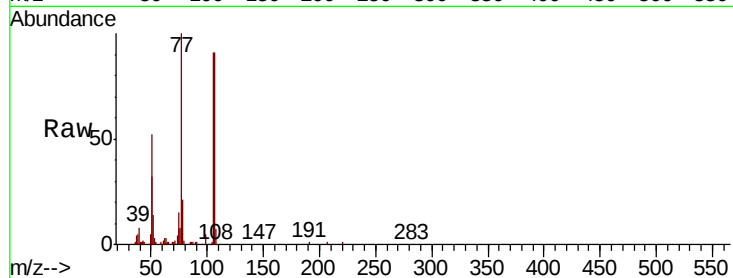
Tot Ion: 77 Resp: 89486

Ion Ratio Lower Upper

77 100

105 90.6 64.6 104.6

106 90.9 59.4 99.4



#10

Phenol

Concen: 47.396 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

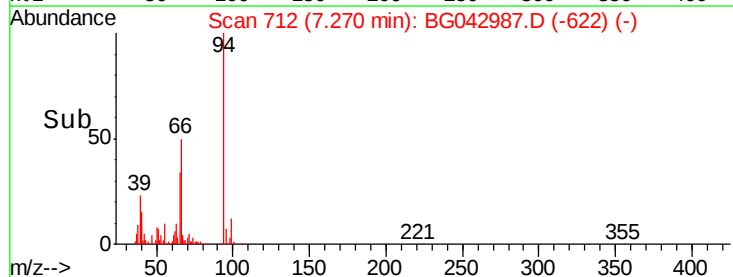
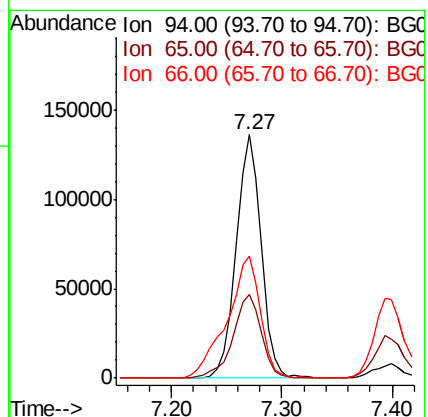
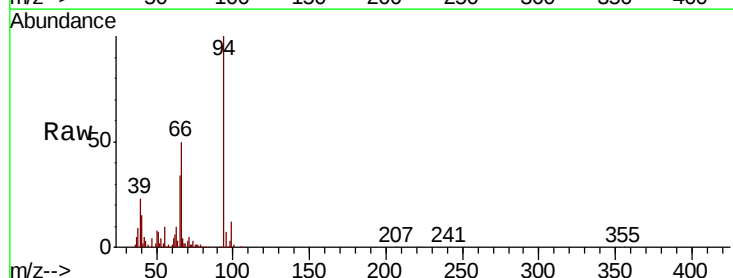
Tgt Ion: 94 Resp: 217249

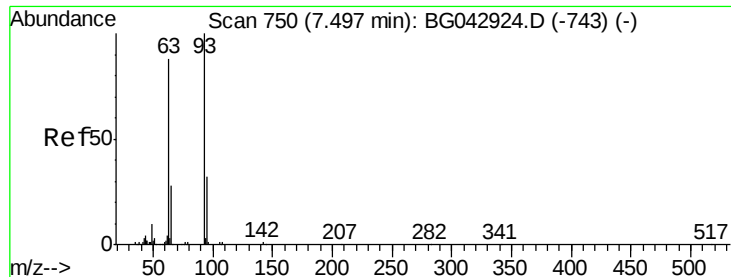
Ion Ratio Lower Upper

94 100

65 34.1 16.6 56.6

66 50.3 32.4 72.4

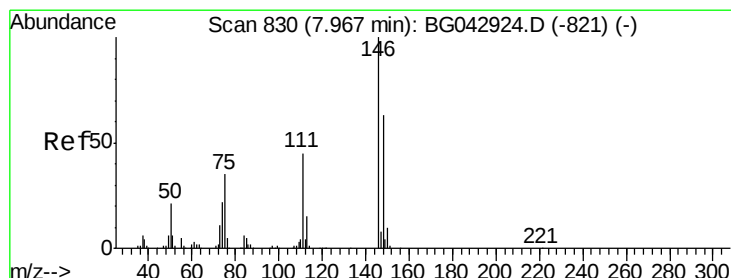
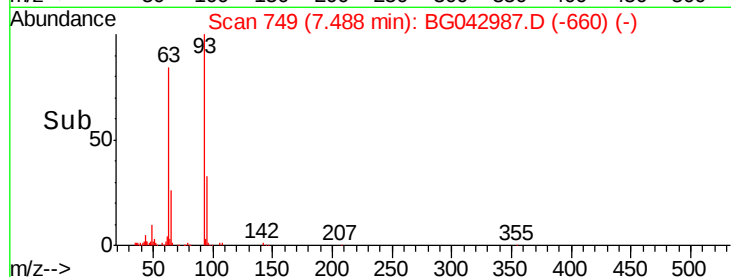
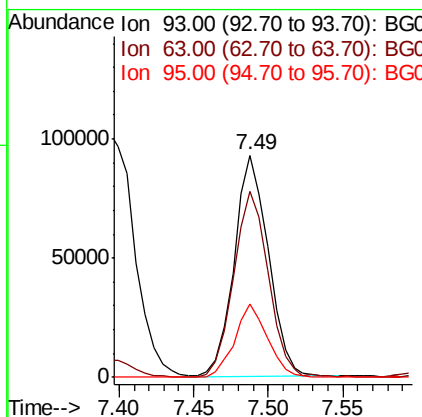
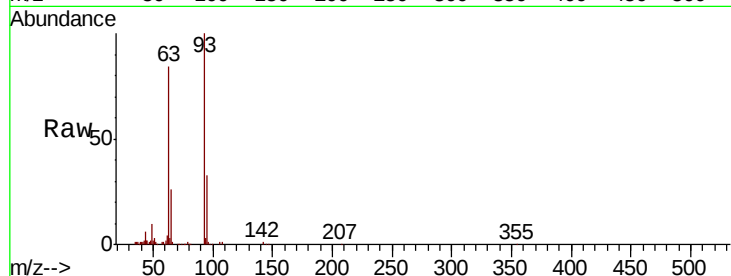




#11
bis(2-Chloroethyl)ether
Concen: 41.594 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

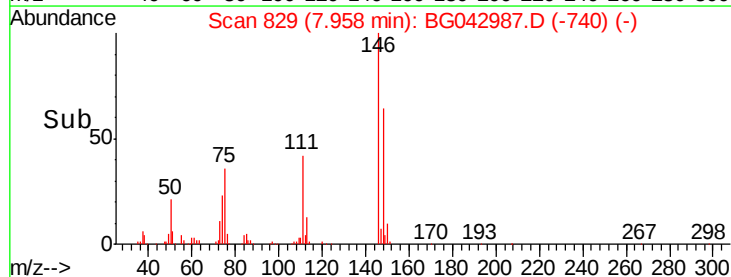
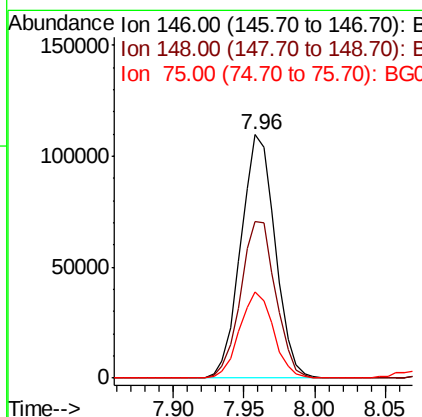
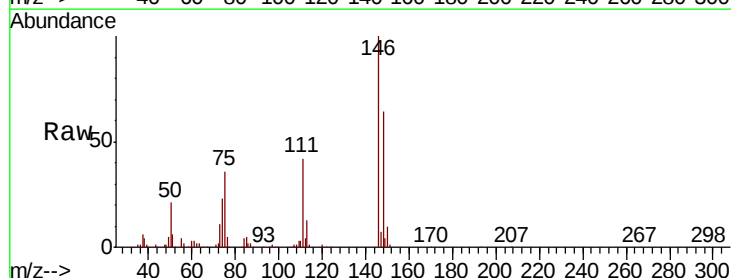
Instrument :
BNA_G
ClientSampleId :
PB123559BS

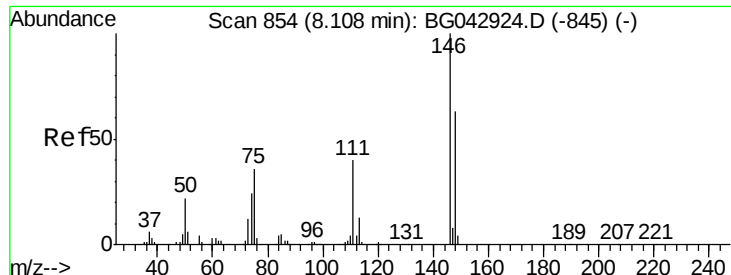
Tot Ion	93	Resp	147515
Ion Ratio	Lower	Upper	
93	100		
63	83.9	67.4	107.4
95	32.8	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 40.540 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion	146	Resp	187109
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.7	76.1
75	35.5	27.7	41.5

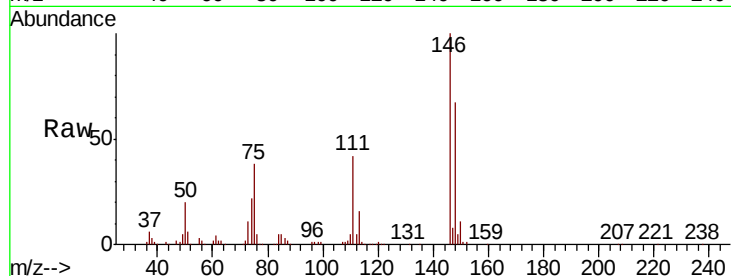




#13
 1,4-Dichlorobenzene
 Concen: 41.968 ng
 RT: 8.10 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG042987.D
 Acq: 2 Oct 2019 16:32

Instrument :
 BNA_G
 ClientSampleID :
 PB123559BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	50.9	76.3
111	42.2	31.8	47.8

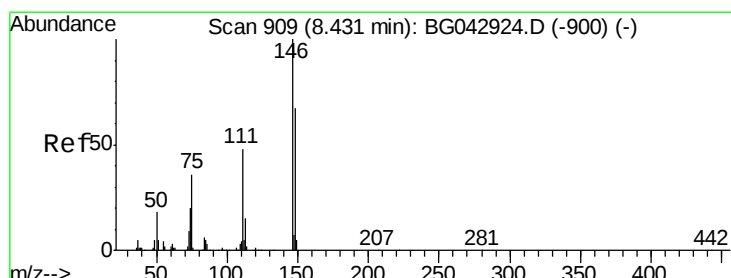
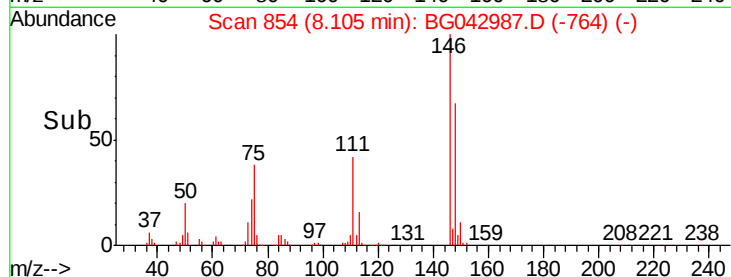
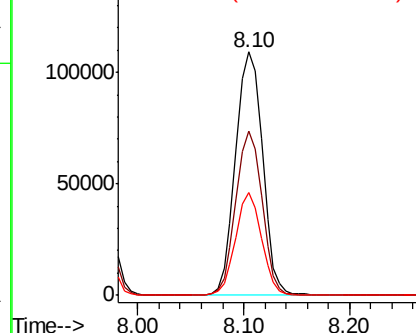


Abundance

Ion 146.00 (145.70 to 146.70): E

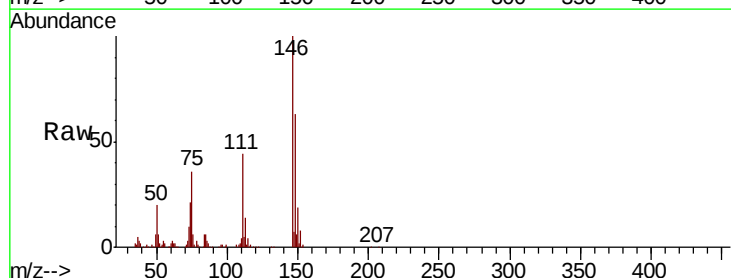
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.599 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG042987.D
 Acq: 2 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	53.4	80.2
111	43.9	38.5	57.7

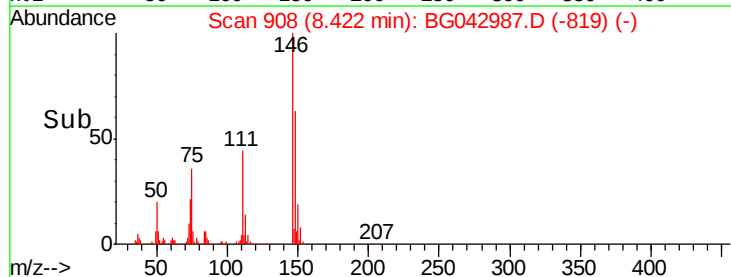
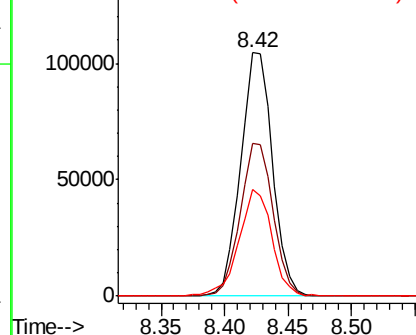


Abundance

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

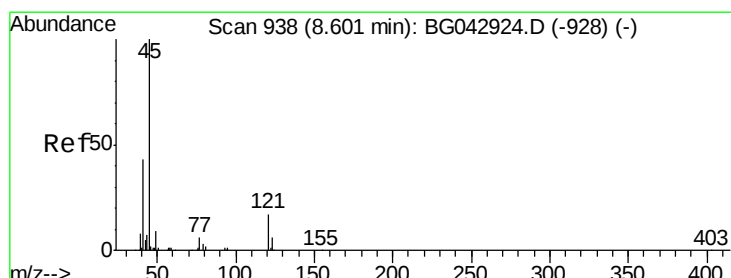
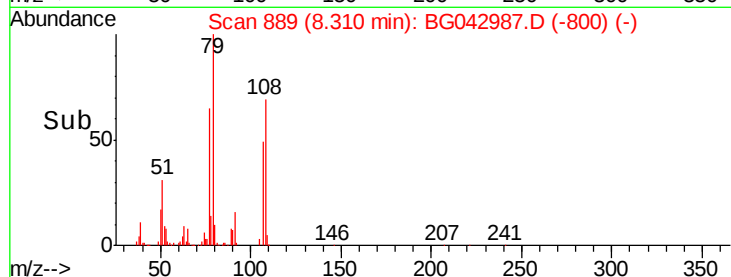
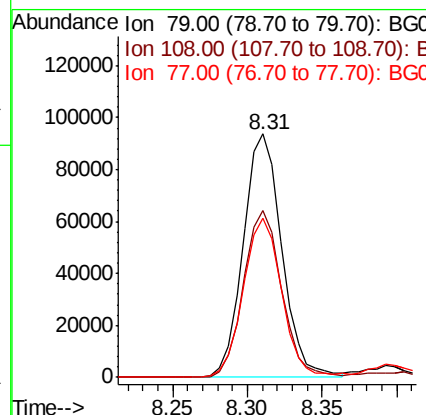
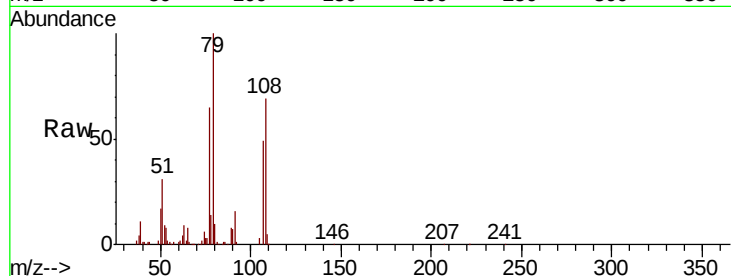




#15
Benzyl Alcohol
Concen: 44.595 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

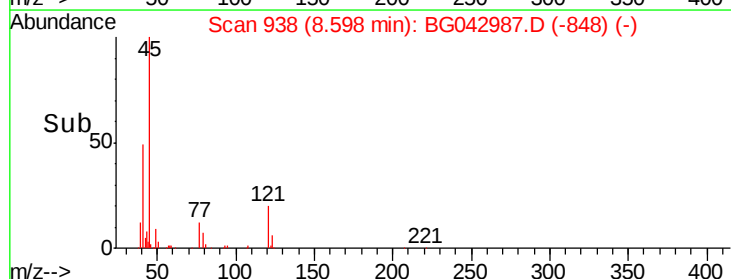
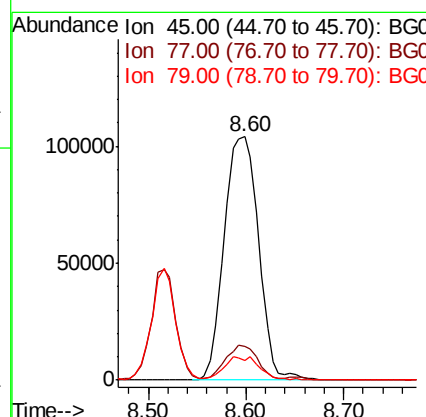
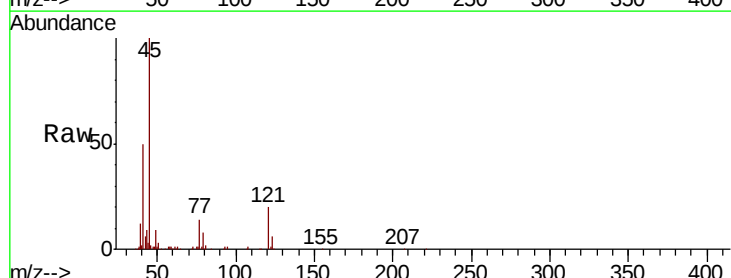
Instrument :
BNA_G
ClientSampleId :
PB123559BS

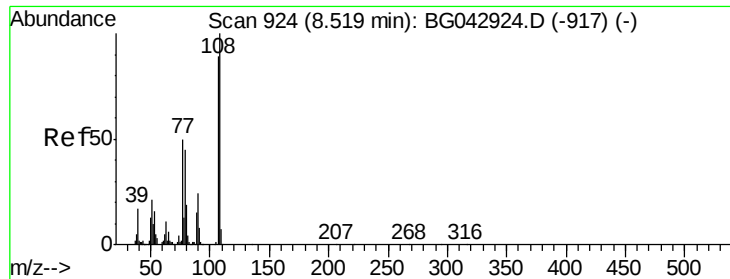
Tot Ion	Ratio	Lower	Upper
79	100		
108	68.6	55.7	83.5
77	65.3	53.3	79.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.380 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	32.8
79	8.2	0.0	29.4





#17

2-Methylphenol

Concen: 45.270 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

Tot Ion:107 Resp: 145191

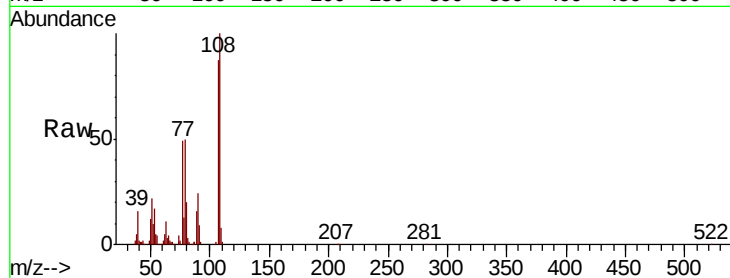
Ion Ratio Lower Upper

107 100

108 114.9 89.9 134.9

77 56.6 45.4 68.2

79 57.2 41.4 62.0

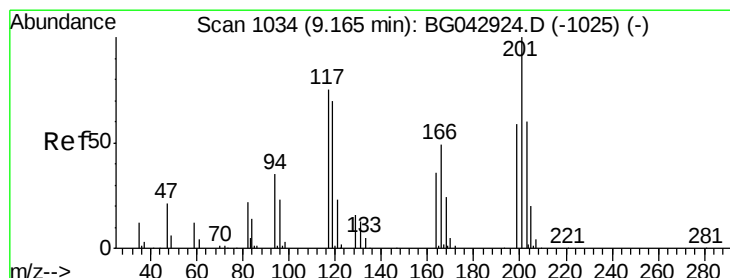
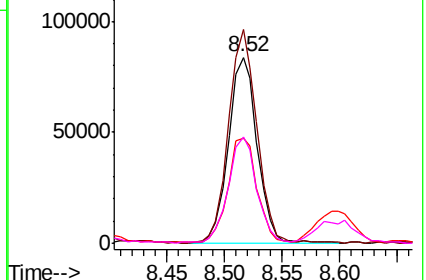
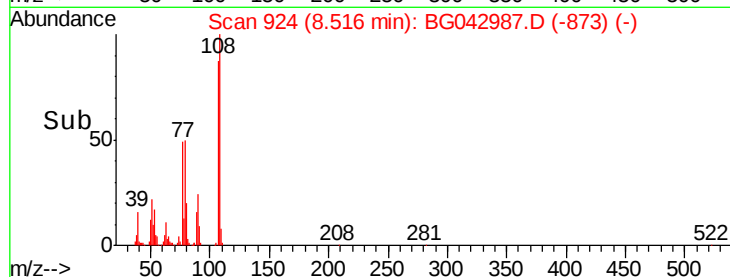


Abundance Ion 107.00 (106.70 to 107.70): E

150000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.042 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

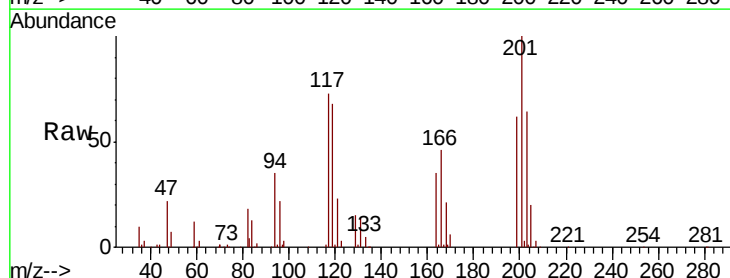
Tgt Ion:117 Resp: 71118

Ion Ratio Lower Upper

117 100

119 93.2 74.6 111.8

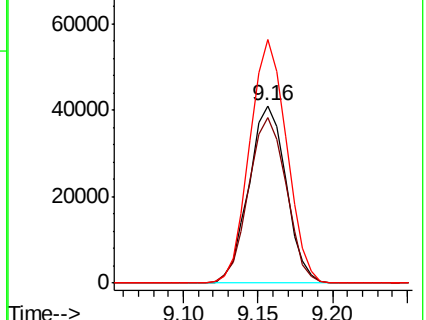
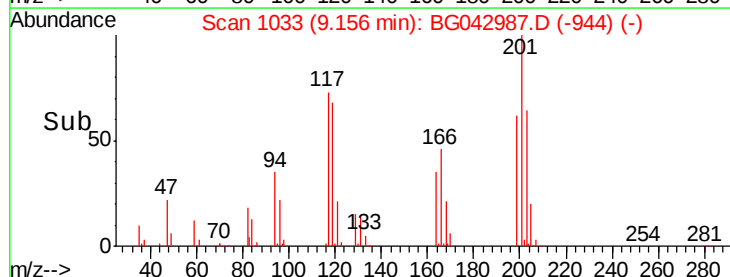
201 137.4 106.0 159.0

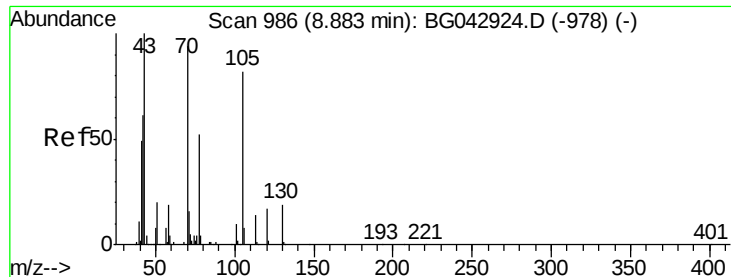


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

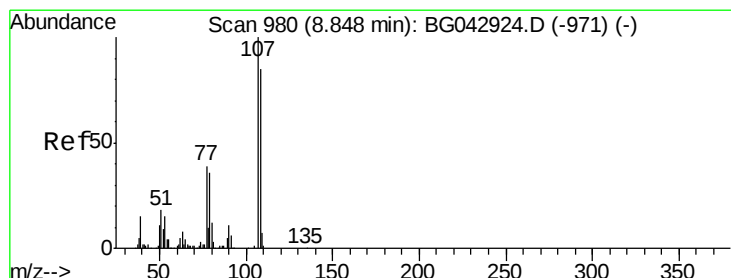
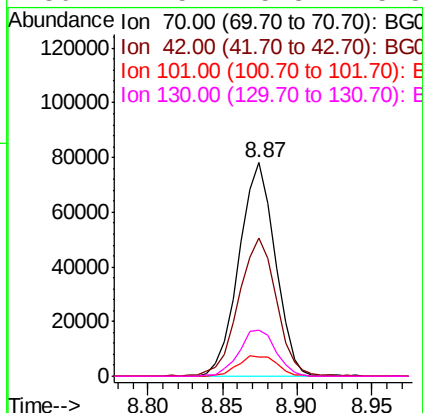
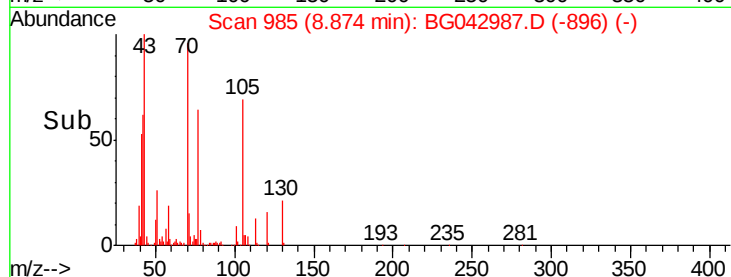
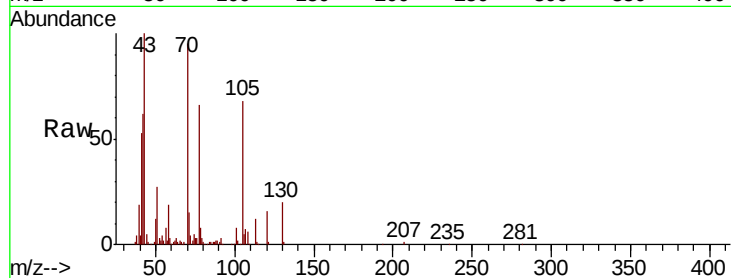




#19
n-Nitroso-di-n-propylamine
Concen: 40.106 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

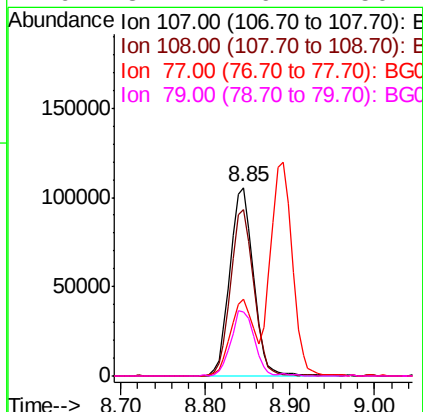
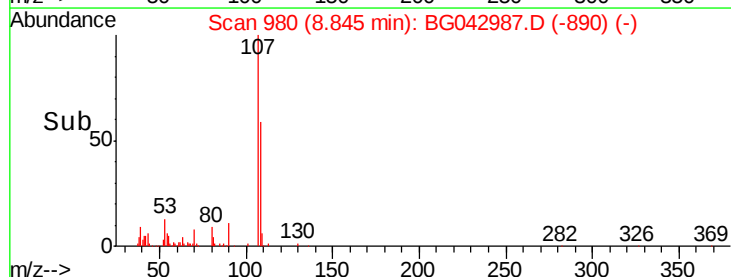
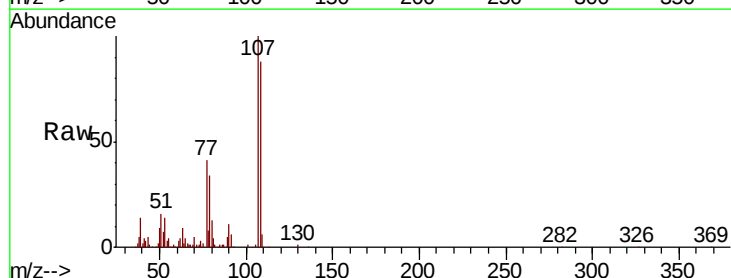
Instrument :
BNA_G
ClientSampleId :
PB123559BS

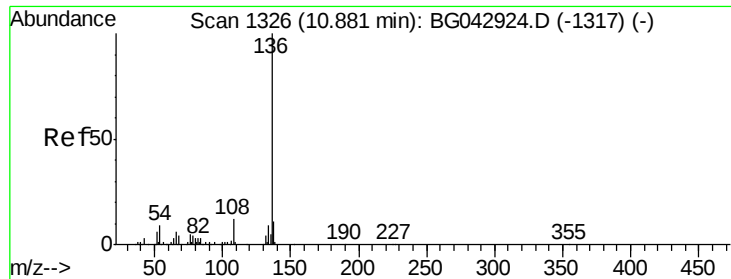
Tot Ion: 70 Resp: 131568
Ion Ratio Lower Upper
70 100
42 64.8 52.6 79.0
101 8.9 8.7 13.1
130 21.5 15.8 23.8



#20
3+4-Methylphenols
Concen: 46.033 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion: 107 Resp: 202325
Ion Ratio Lower Upper
107 100
108 88.4 64.9 104.9
77 40.5 19.4 59.4
79 34.2 16.2 56.2

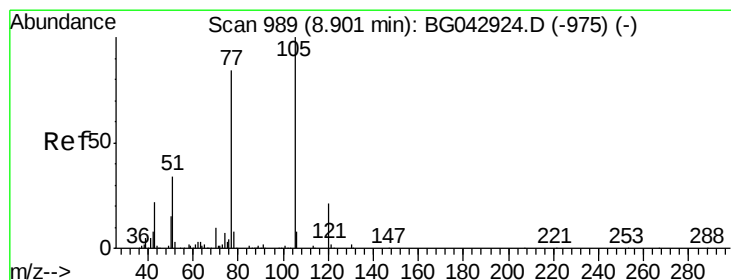
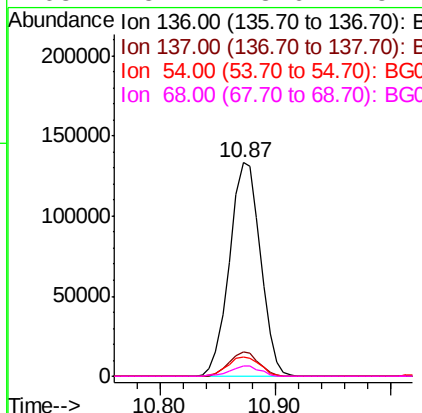
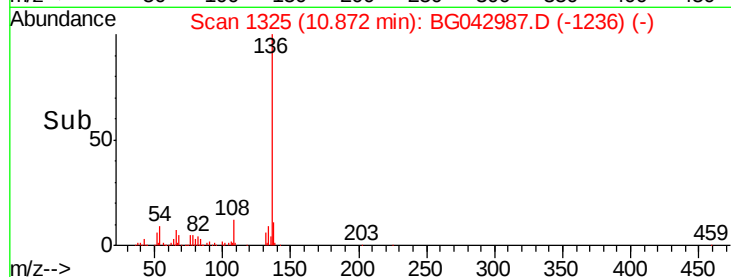
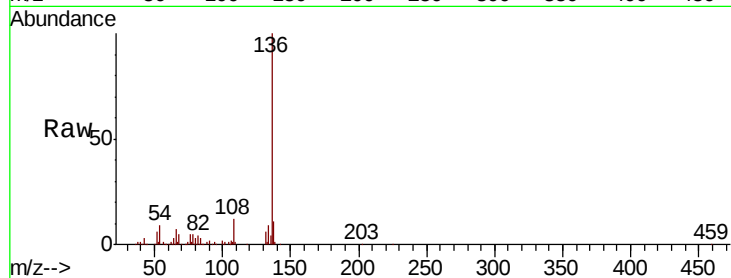




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

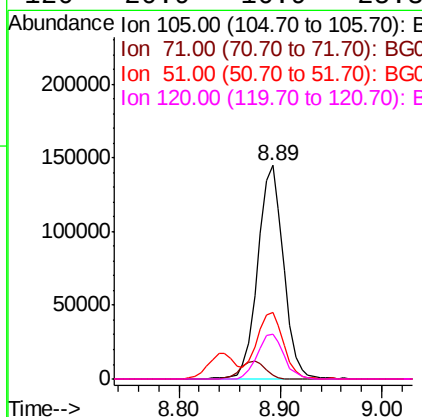
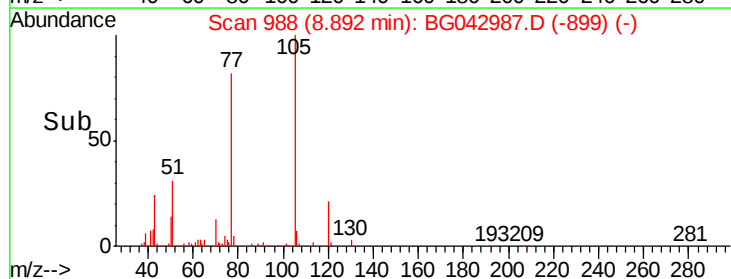
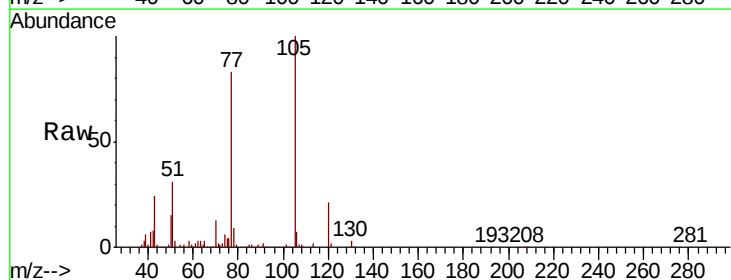
Instrument :
BNA_G
ClientSampleId :
PB123559BS

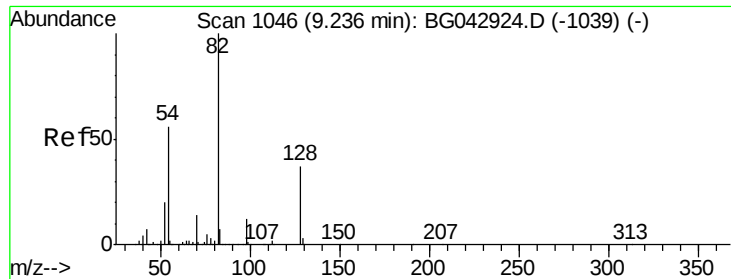
Tot Ion:136	Resp:	248480
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	9.0	7.4 11.2
68	5.1	3.6 5.4



#22
Acetophenone
Concen: 40.220 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion:105	Resp:	257610
Ion Ratio	Lower	Upper
105	100	
71	1.6	1.2 1.8
51	31.4	27.2 40.8
120	20.9	16.9 25.3

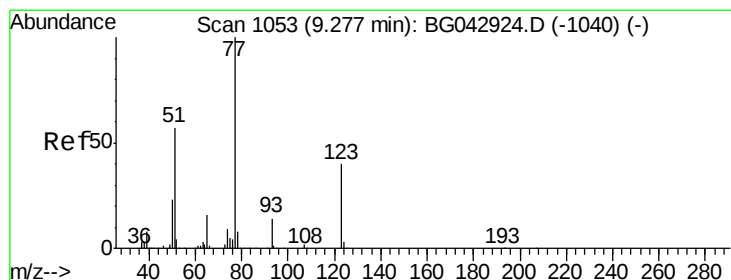
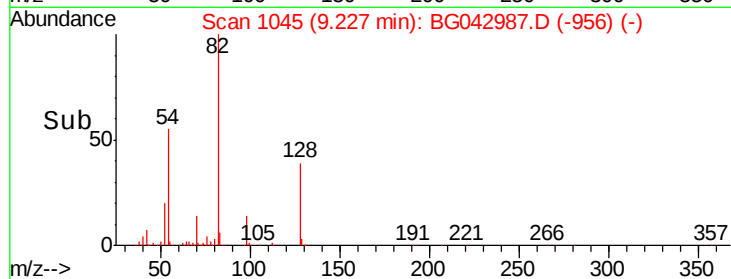
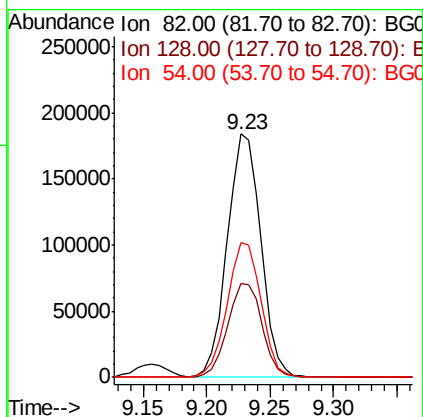
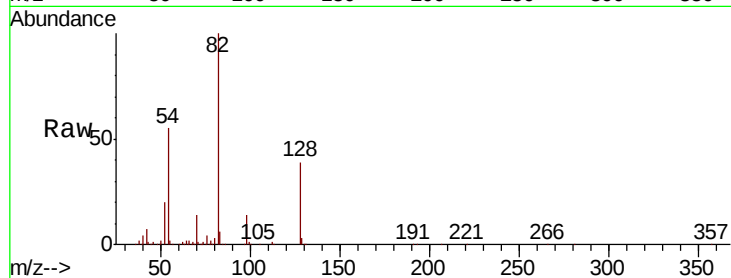




#23
 Nitrobenzene-d5
 Concen: 65.819 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042987.D
 Acq: 2 Oct 2019 16:32

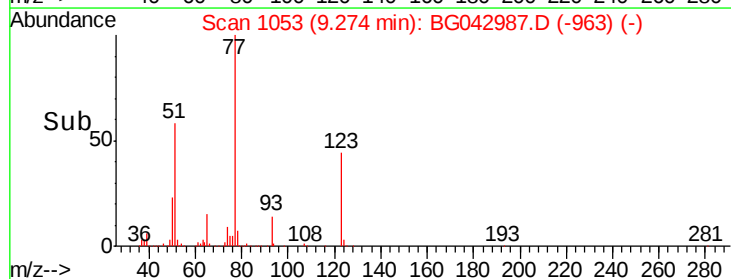
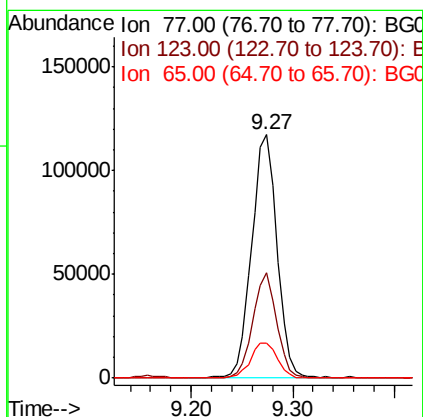
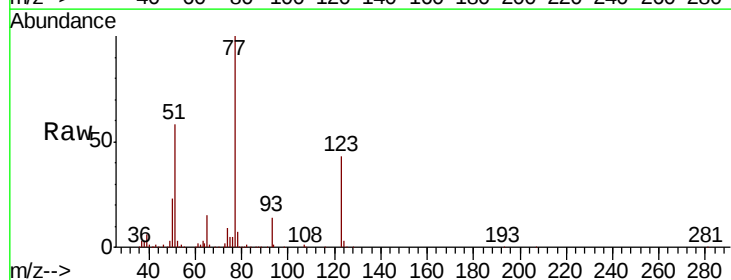
Instrument :
 BNA_G
 ClientSampleId :
 PB123559BS

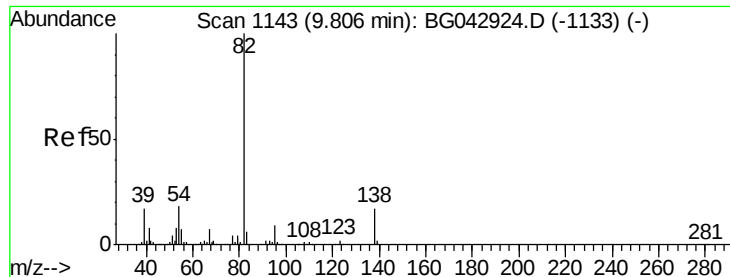
Tot Ion	82	Resp	336479
Ion Ratio	Lower	Upper	
82	100		
128	38.7	29.5	44.3
54	55.3	44.6	67.0



#24
 Nitrobenzene
 Concen: 41.914 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG042987.D
 Acq: 2 Oct 2019 16:32

Tgt Ion	77	Resp	204386
Ion Ratio	Lower	Upper	
77	100		
123	43.5	31.9	47.9
65	14.5	12.4	18.6





#25

Isophorone

Concen: 40.392 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

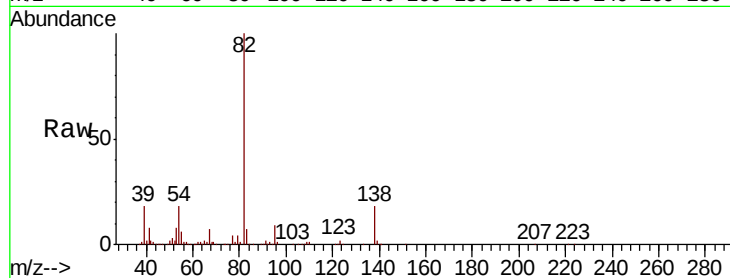
Tot Ion: 82 Resp: 362711

Ion Ratio Lower Upper

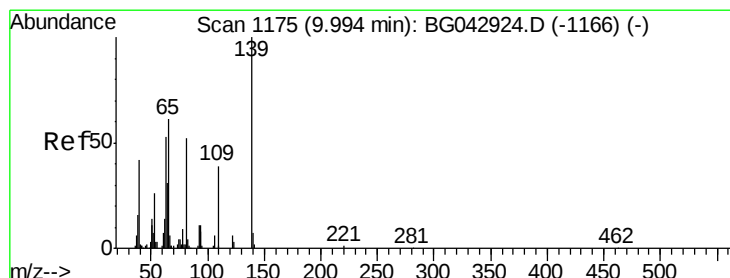
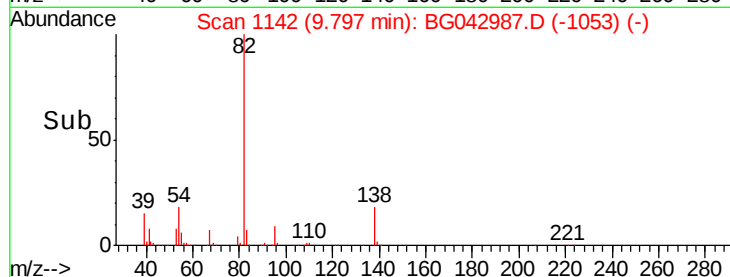
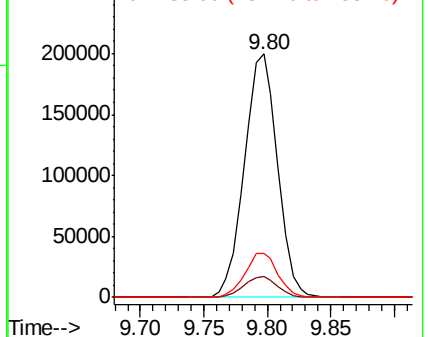
82 100

95 8.7 7.0 10.4

138 18.3 13.8 20.6



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



#26

2-Nitrophenol

Concen: 47.078 ng

RT: 9.98 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

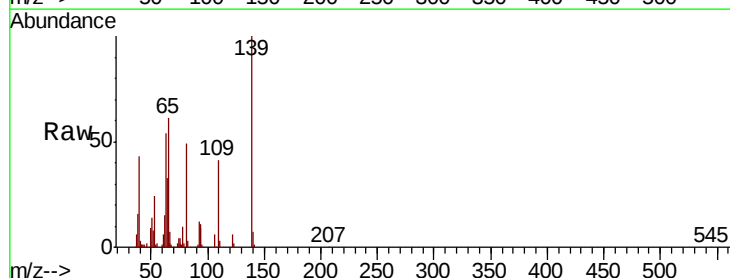
Tgt Ion: 139 Resp: 97725

Ion Ratio Lower Upper

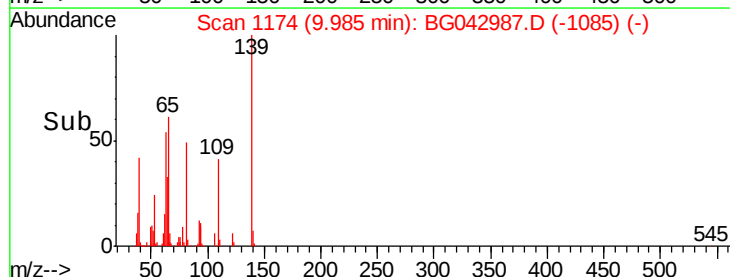
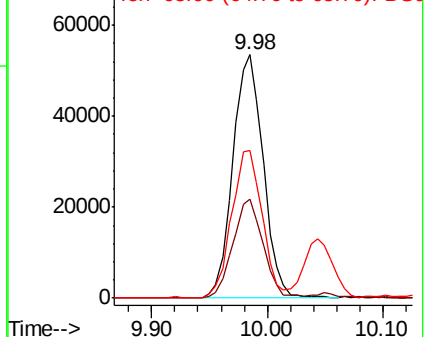
139 100

109 40.9 31.0 46.6

65 60.8 48.4 72.6



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

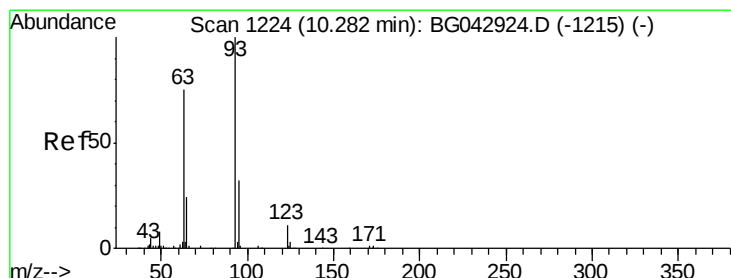
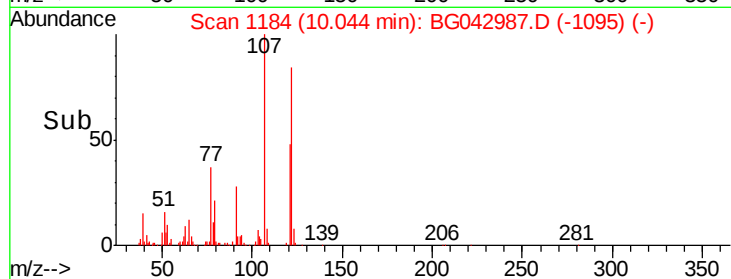
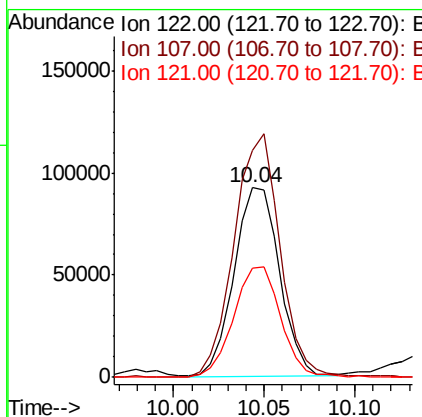
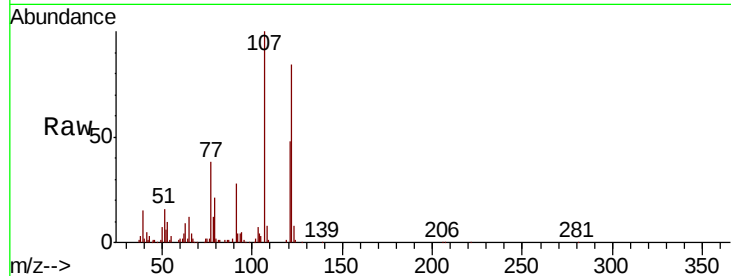




#27
2,4-Dimethylphenol
Concen: 50.737 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

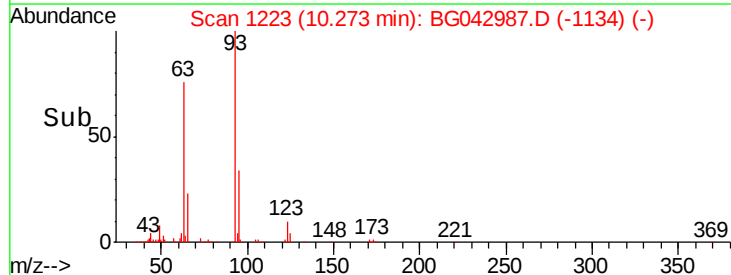
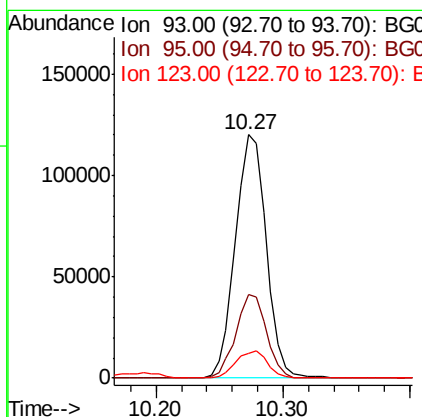
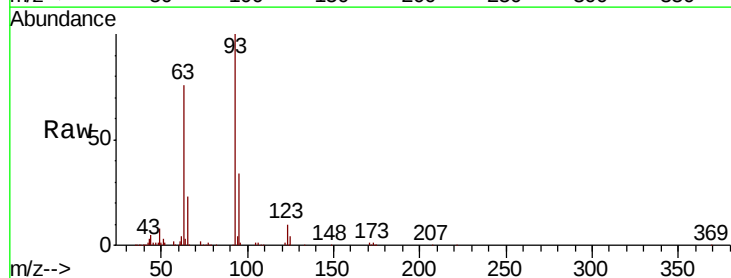
Instrument :
BNA_G
ClientSampleId :
PB123559BS

Tot Ion:122 Resp: 161745
Ion Ratio Lower Upper
122 100
107 119.8 102.2 153.2
121 57.4 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.813 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion: 93 Resp: 202838
Ion Ratio Lower Upper
93 100
95 34.3 25.4 38.0
123 10.3 9.3 13.9

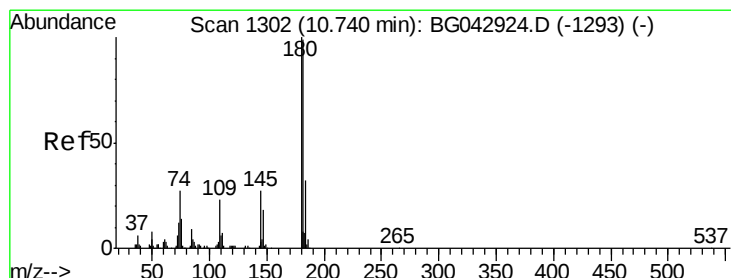
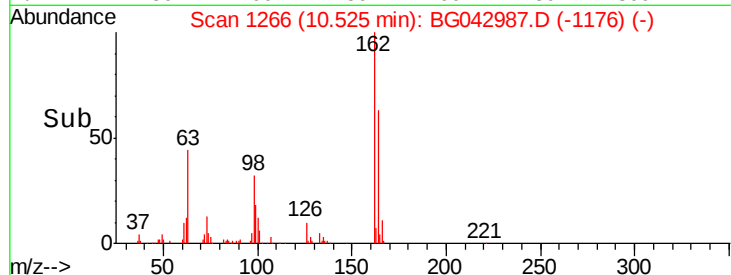
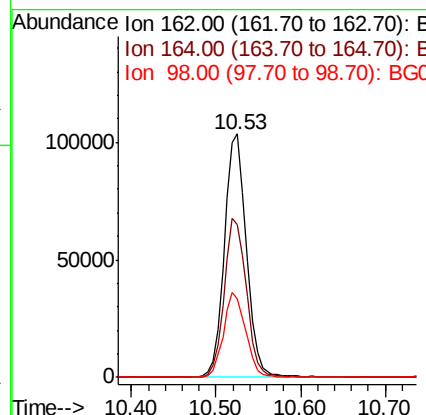
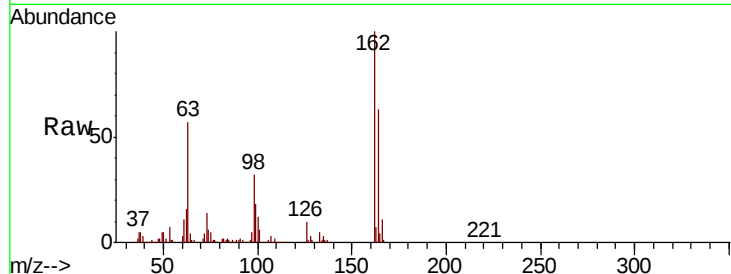




#29
 2,4-Dichlorophenol
 Concen: 47.208 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042987.D
 Acq: 2 Oct 2019 16:32

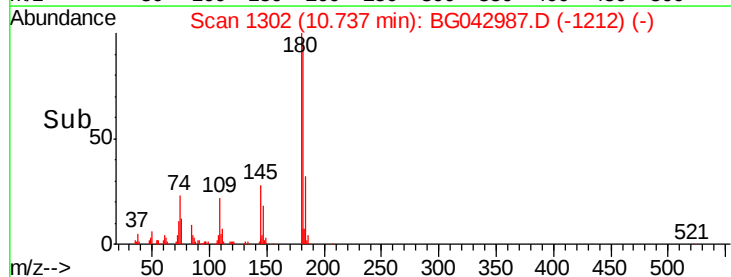
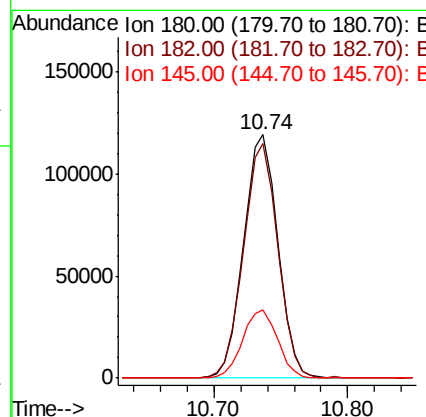
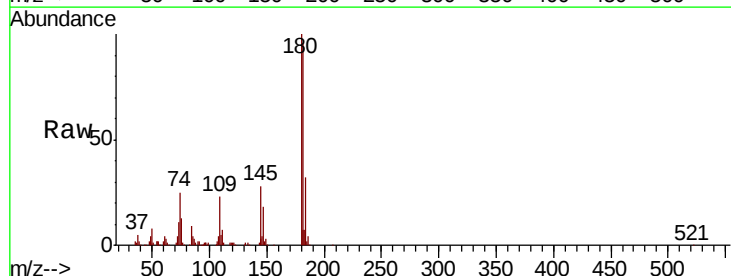
Instrument :
 BNA_G
 ClientSampleId :
 PB123559BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.7	84.7
98	32.5	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.346 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042987.D
 Acq: 2 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	79.3	118.9
145	28.2	22.0	33.0

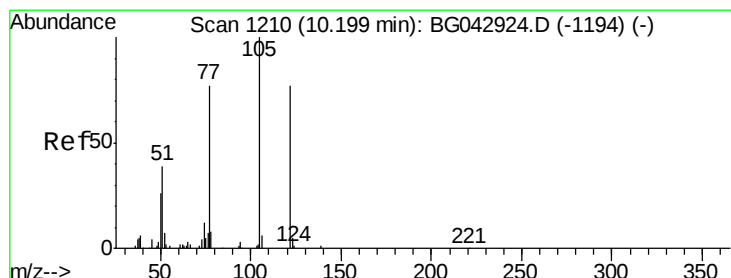
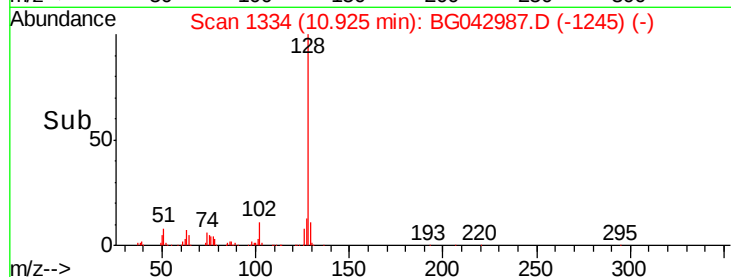
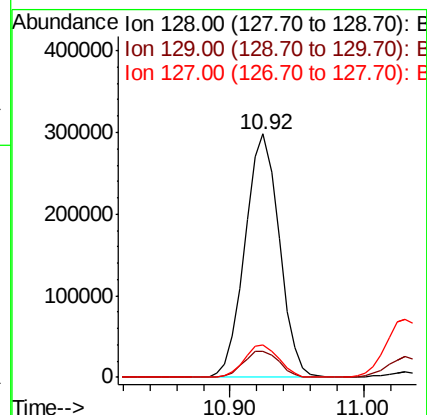
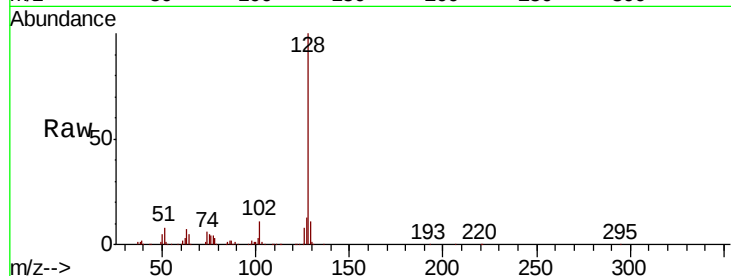




#31
Naphthalene
Concen: 43.189 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

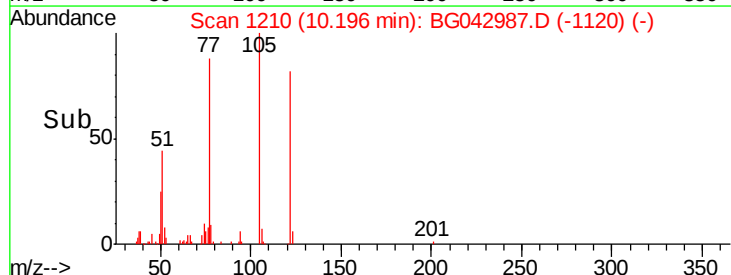
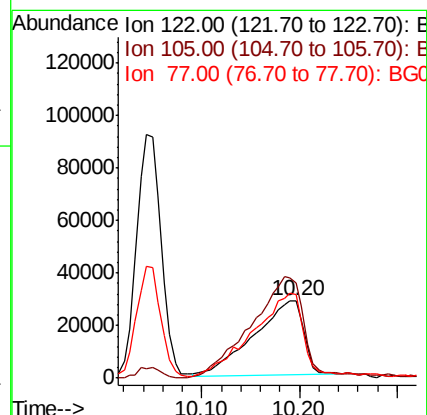
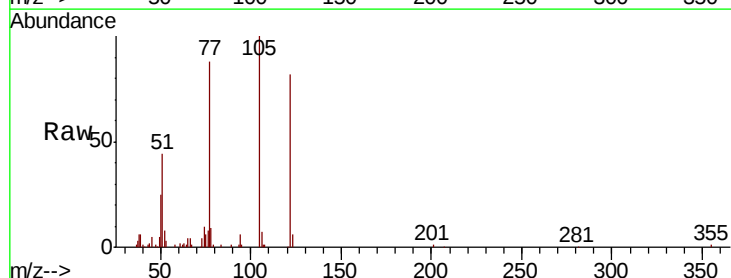
Instrument :
BNA_G
ClientSampleId :
PB123559BS

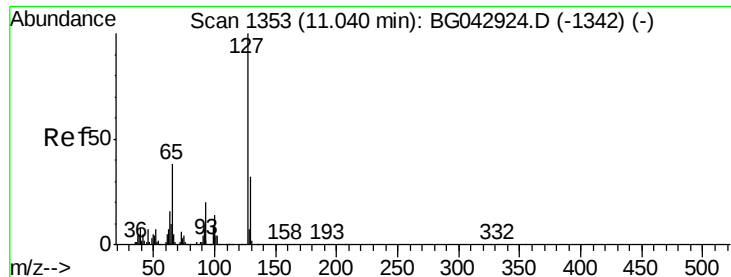
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.3	11.3	16.9



#32
Benzoic acid
Concen: 42.094 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	107.5	147.5
77	107.8	79.8	119.8

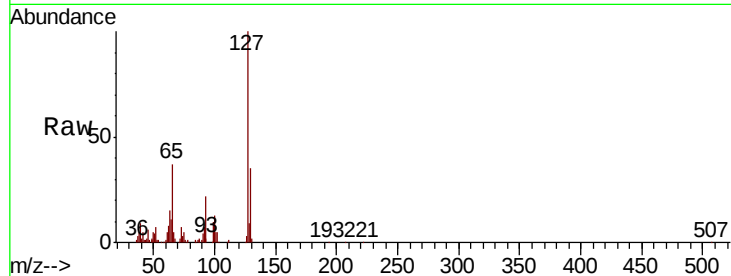




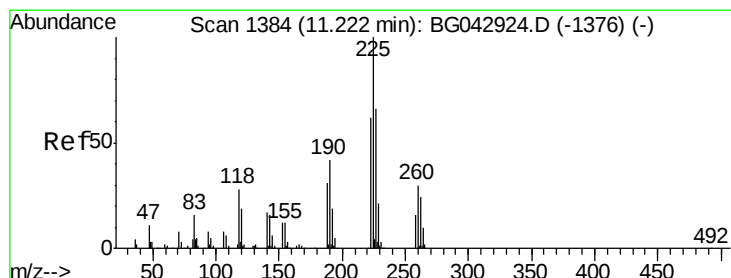
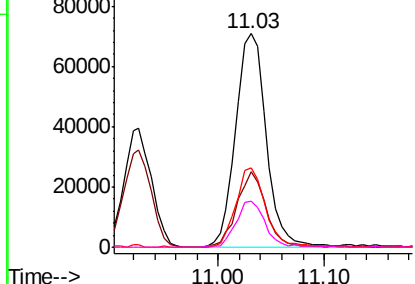
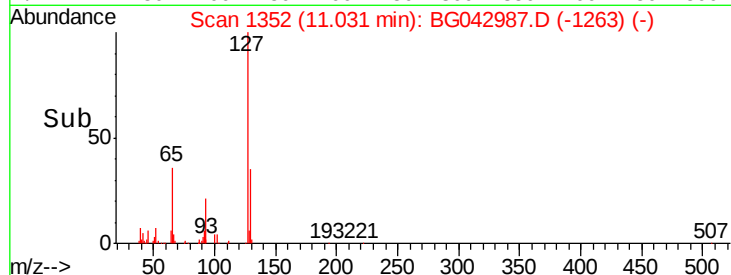
#33
4-Chloroaniline
Concen: 26.838 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB123559BS

Tot Ion:	127	Resp:	142449
Ion	Ratio	Lower	Upper
127	100		
129	35.3	26.2	39.2
65	37.0	30.6	45.8
92	21.9	16.2	24.4

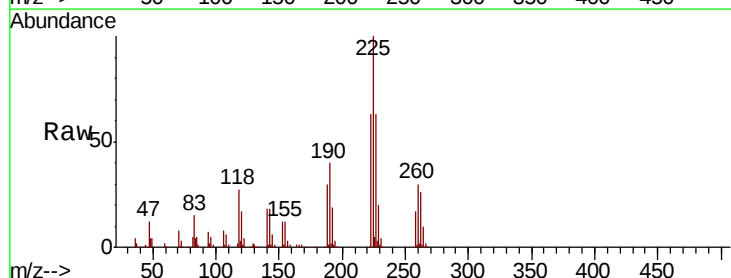


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

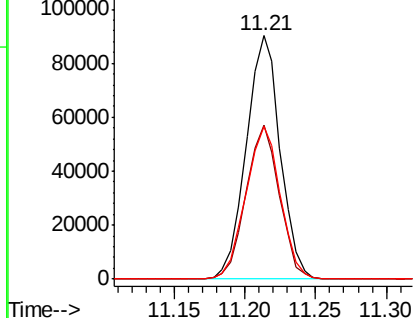
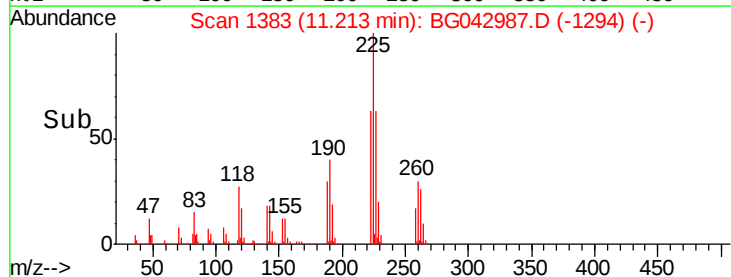


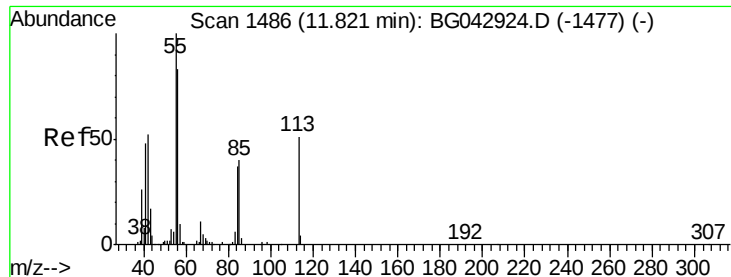
#34
Hexachlorobutadiene
Concen: 39.651 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion:	225	Resp:	152008
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.3	73.9
227	62.6	52.8	79.2



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: 23.765 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

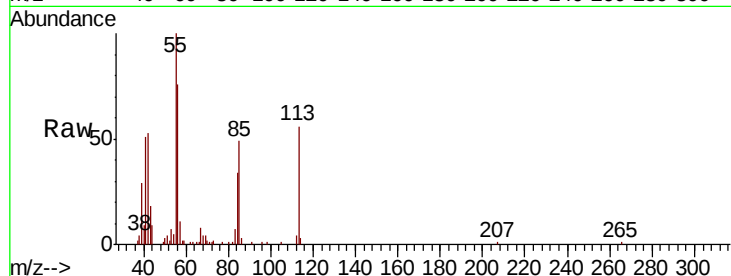
Tot Ion:113 Resp: 33228

Ion Ratio Lower Upper

113 100

55 178.4 175.5 215.5

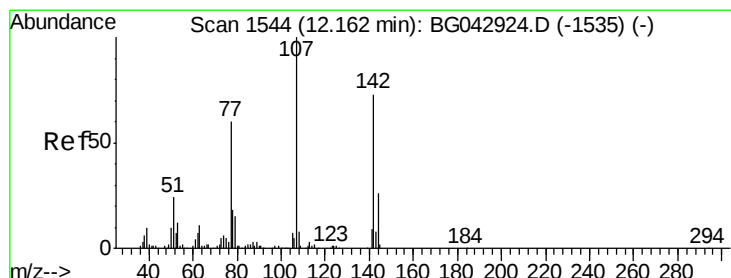
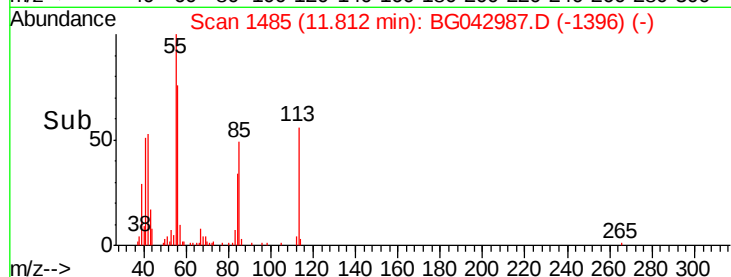
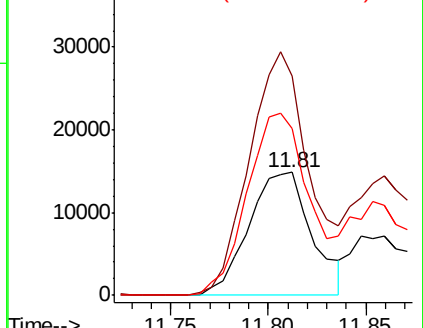
56 135.3 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.719 ng

RT: 12.15 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

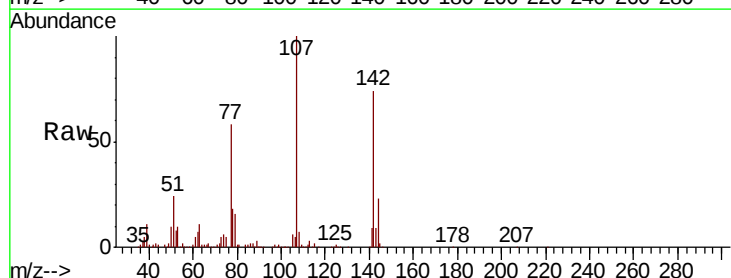
Tgt Ion:107 Resp: 197088

Ion Ratio Lower Upper

107 100

144 22.6 20.7 31.1

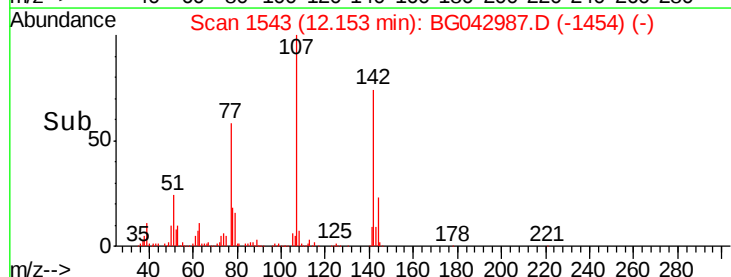
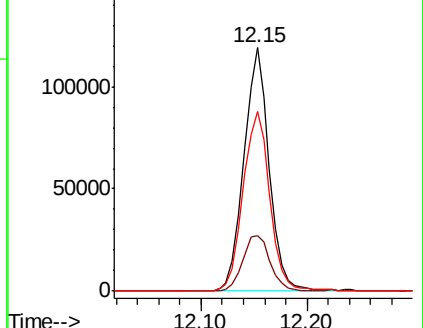
142 73.8 58.6 87.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

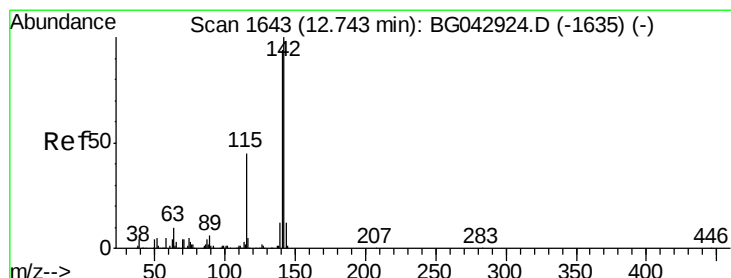
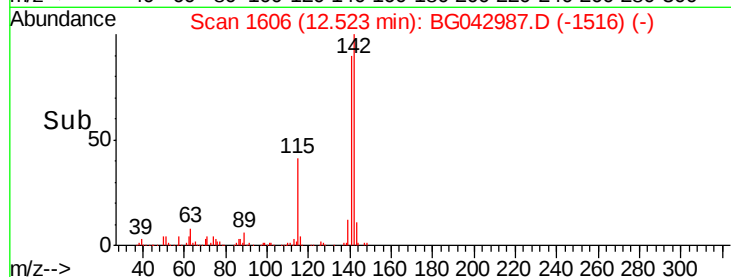
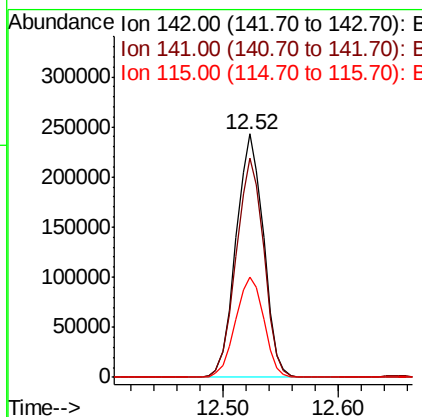
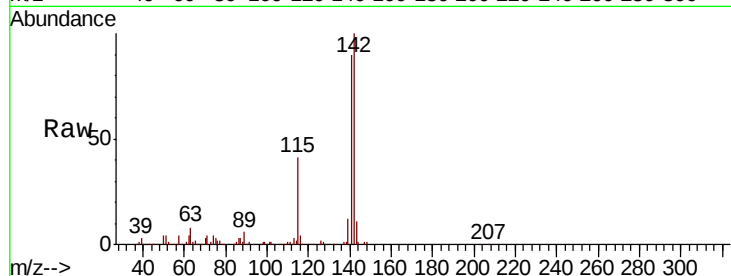




#37
2-Methylnaphthalene
Concen: 42.804 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

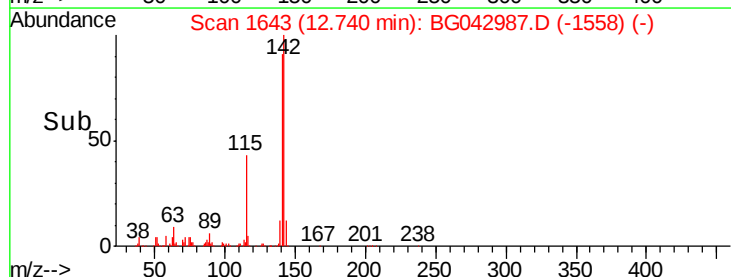
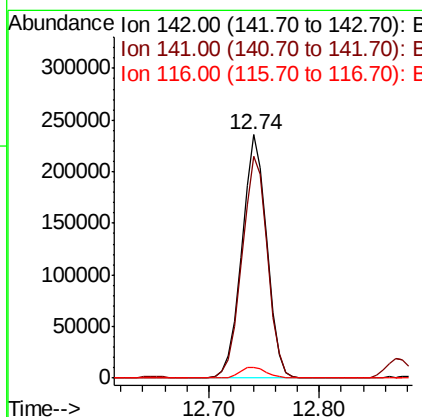
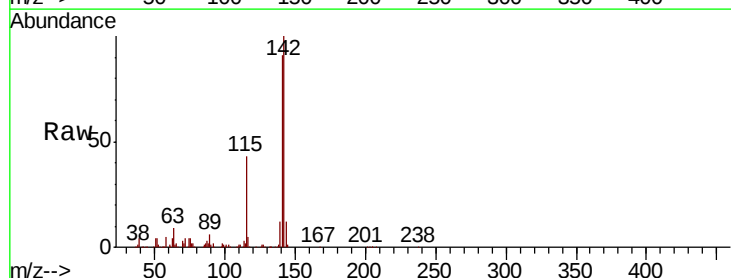
Instrument :
BNA_G
ClientSampleId :
PB123559BS

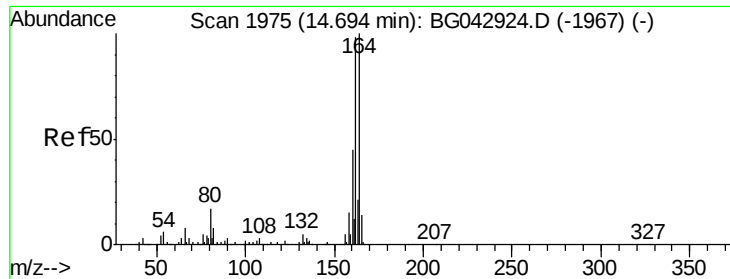
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.0	103.4
115	41.3	32.8	49.2



#38
1-Methylnaphthalene
Concen: 42.400 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	74.9	112.3
116	4.6	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

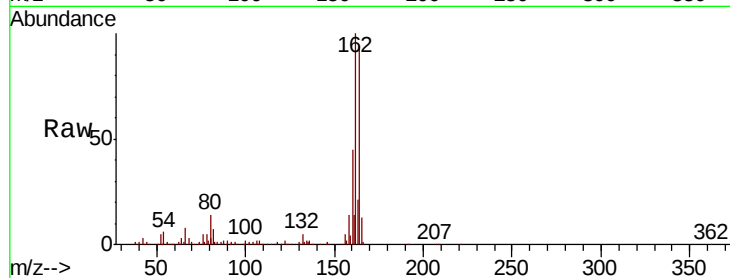
Tot Ion:164 Resp: 180803

Ion Ratio Lower Upper

164 100

162 105.8 78.5 117.7

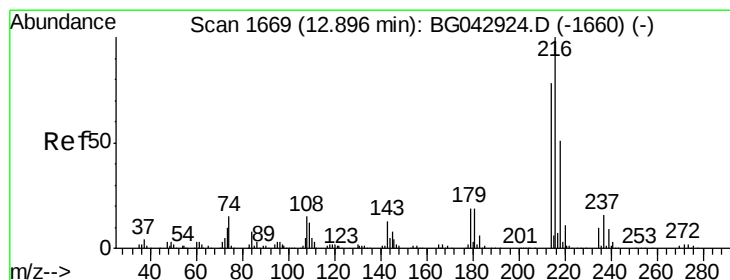
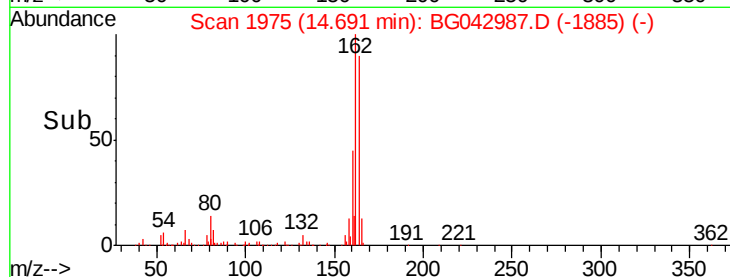
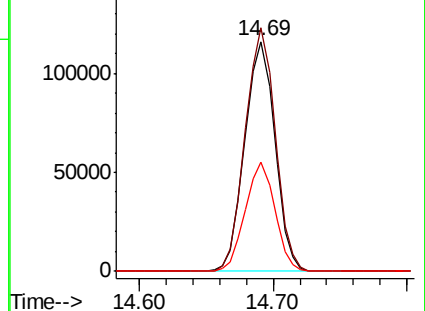
160 47.4 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.467 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Tgt Ion:216 Resp: 268298

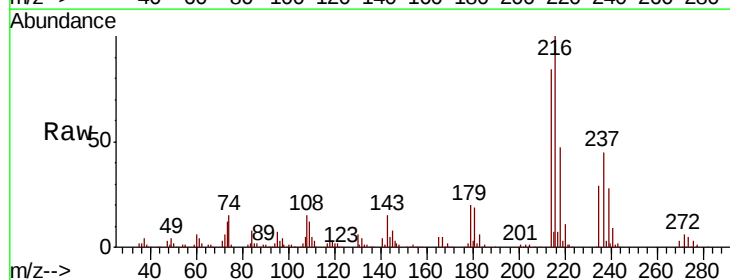
Ion Ratio Lower Upper

216 100

214 79.6 62.4 93.6

179 19.2 15.4 23.2

108 16.9 12.6 19.0

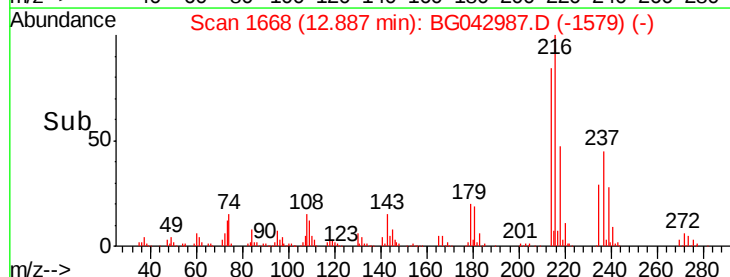
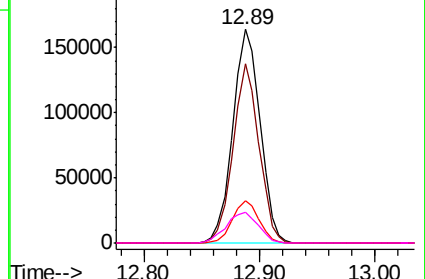


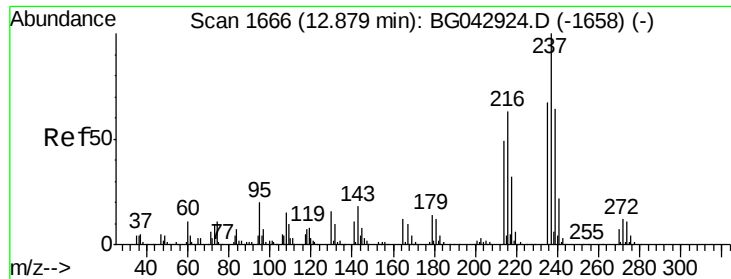
Abundance Ion 216.00 (215.70 to 216.70): E

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

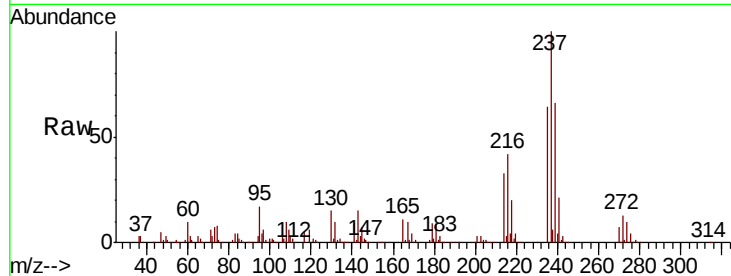




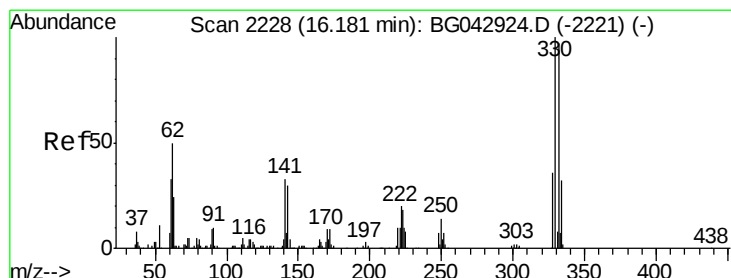
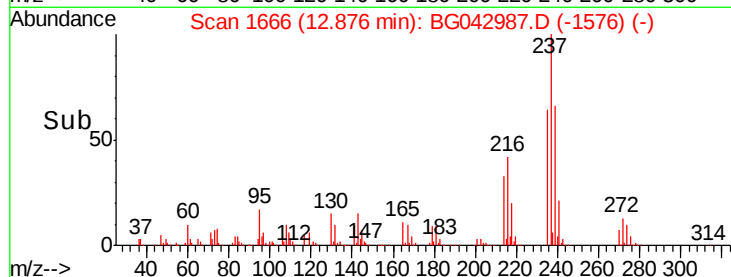
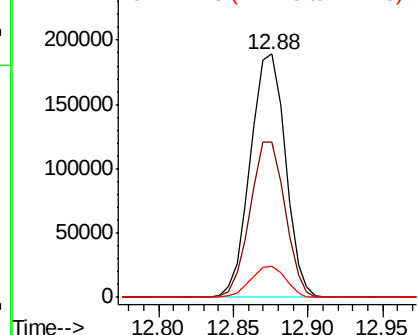
#41
Hexachlorocyclopentadiene
Concen: 71.013 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB123559BS

Tot Ion:237 Resp: 307585
Ion Ratio Lower Upper
237 100
235 64.0 46.7 86.7
272 13.0 0.0 32.3

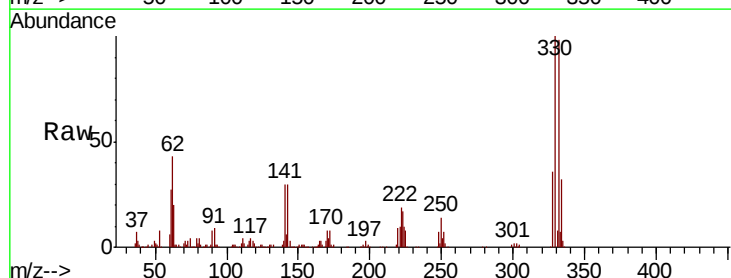


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

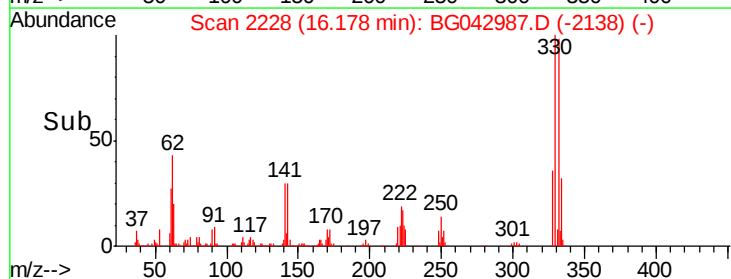
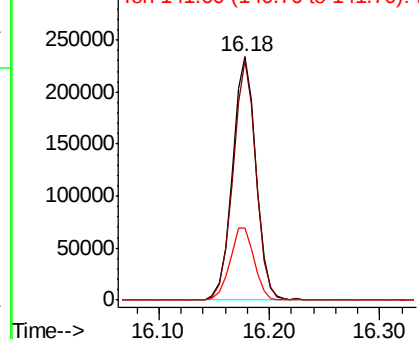


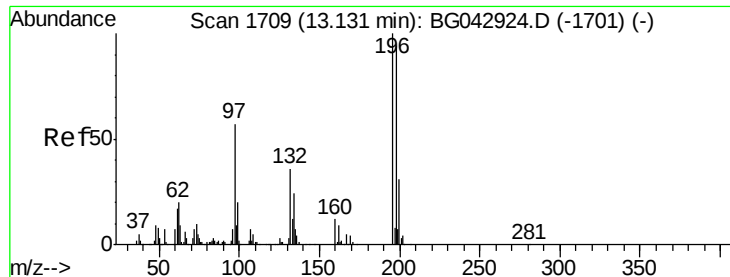
#42
2,4,6-Tribromophenol
Concen: 112.116 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion:330 Resp: 348570
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.2
141 30.6 26.0 39.0



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

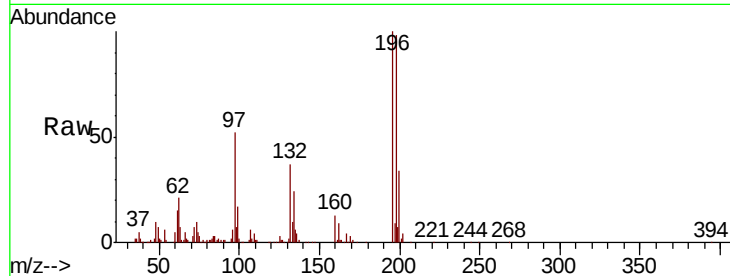




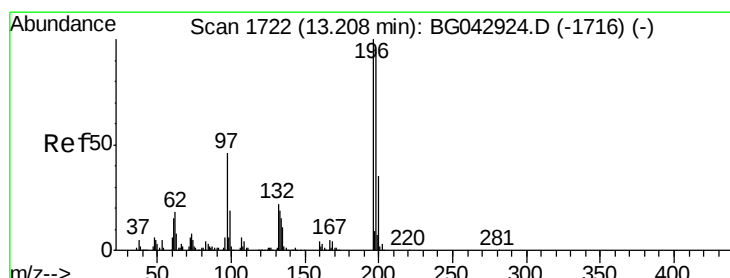
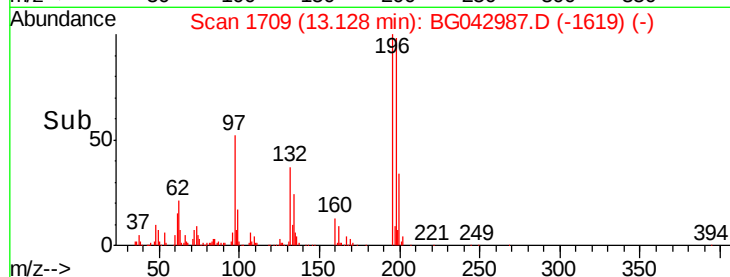
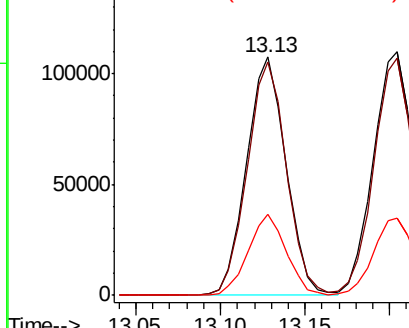
#43
 2,4,6-Trichlorophenol
 Concen: 43.932 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042987.D
 Acq: 2 Oct 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BS

Tot Ion:196 Resp: 174804
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.5 113.3
 200 34.0 24.9 37.3

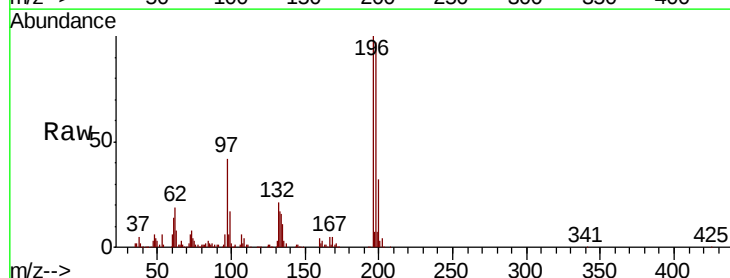


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

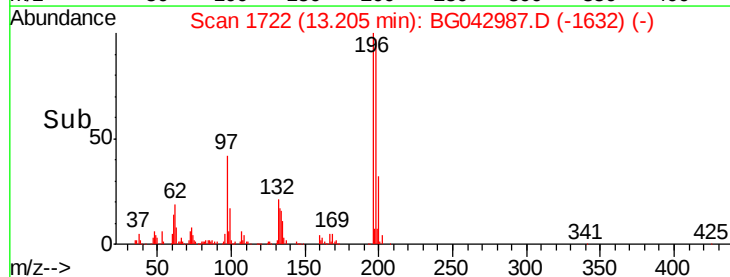
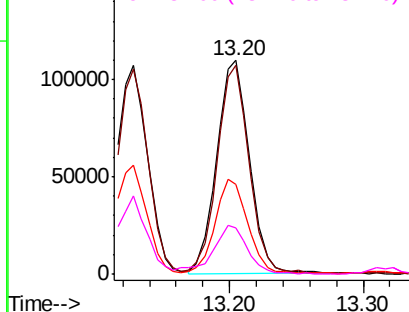


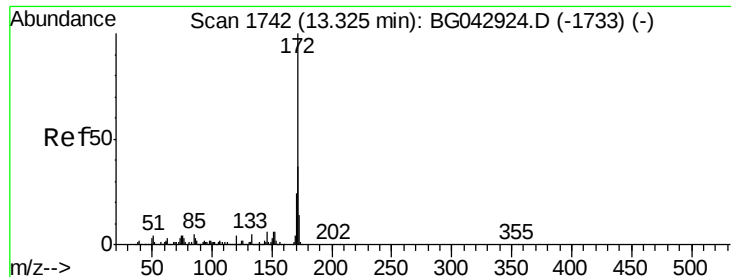
#44
 2,4,5-Trichlorophenol
 Concen: 45.647 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG042987.D
 Acq: 2 Oct 2019 16:32

Tgt Ion:196 Resp: 187101
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.1 112.7
 97 41.8 37.0 55.4
 132 21.3 17.5 26.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

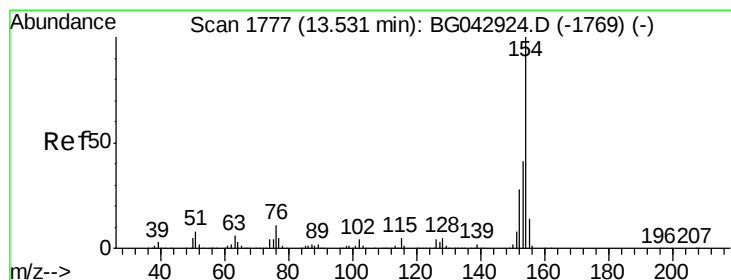
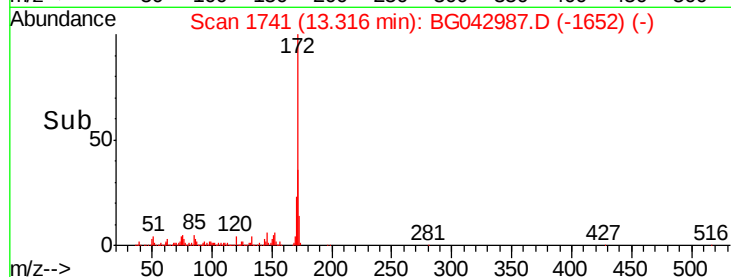
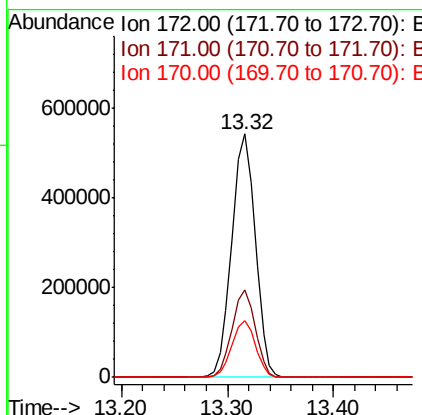
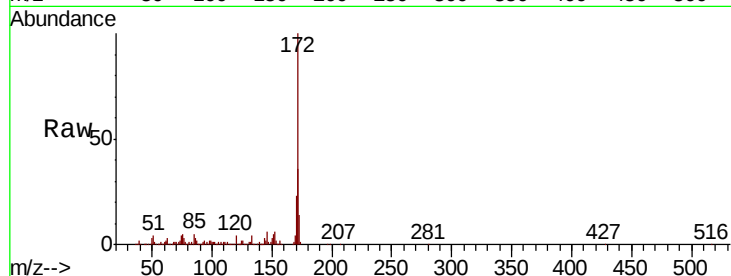




#45
2-Fluorobiphenyl
Concen: 67.059 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

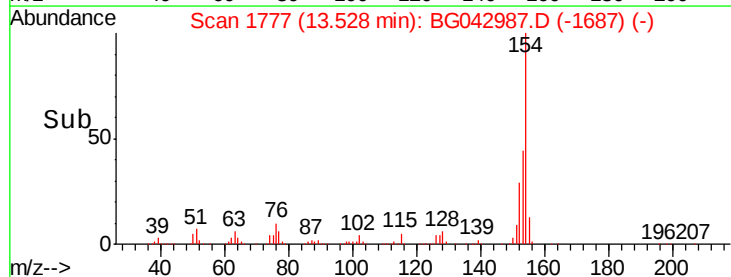
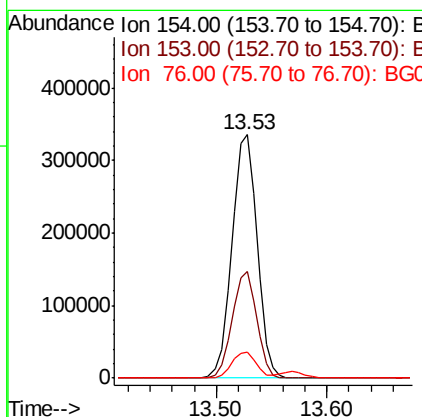
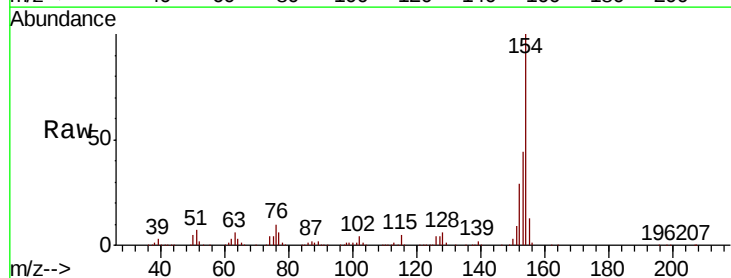
Instrument :
BNA_G
ClientSampleId :
PB123559BS

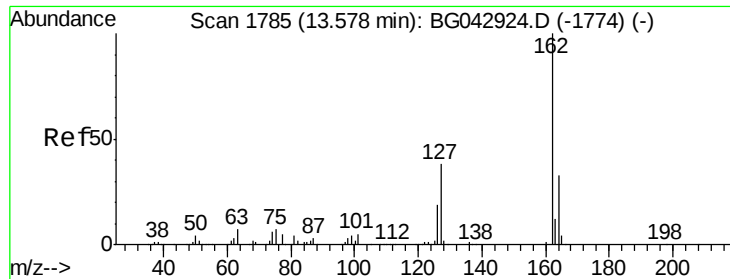
Tot Ion:172 Resp: 836346
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.4 19.6 29.4



#46
1,1'-Biphenyl
Concen: 39.193 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion:154 Resp: 537377
Ion Ratio Lower Upper
154 100
153 43.6 21.4 61.4
76 10.4 0.0 31.3

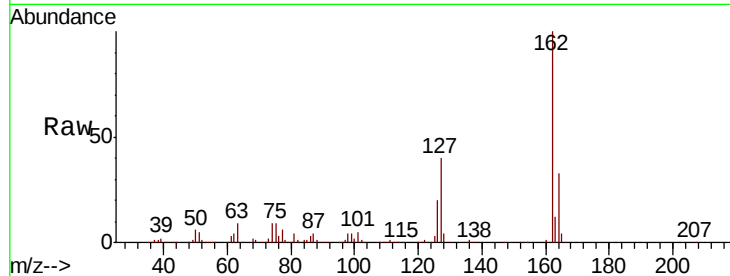




#47
2-Chloronaphthalene
Concen: 41.429 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB123559BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.0	46.6
164	33.4	26.2	39.2

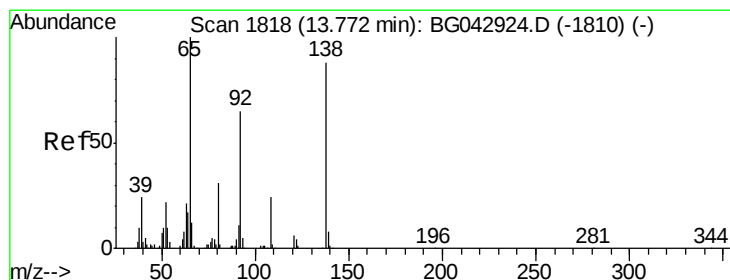
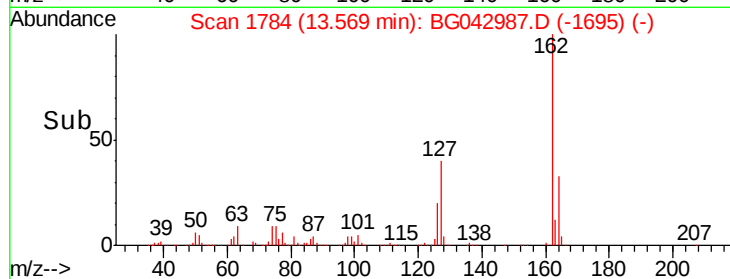
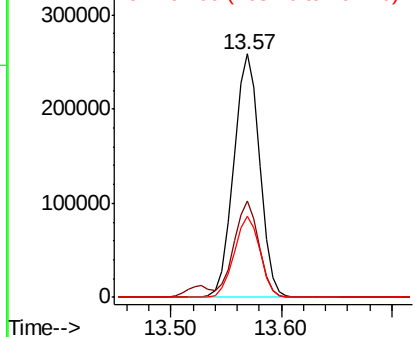


Abundance

Ion 162.00 (161.70 to 162.70): E

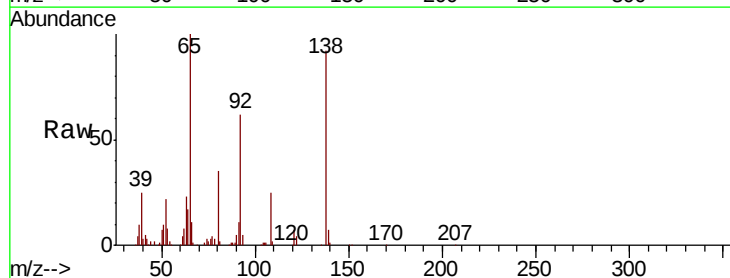
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.173 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.3	52.0	78.0
138	91.9	70.4	105.6

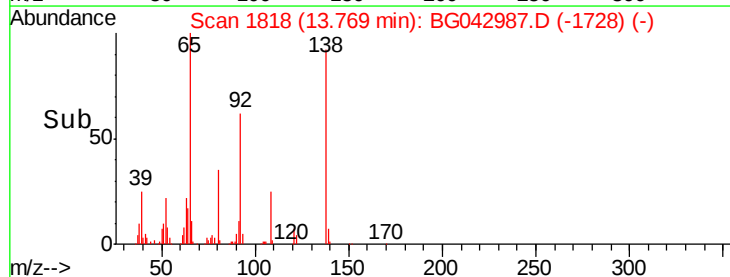
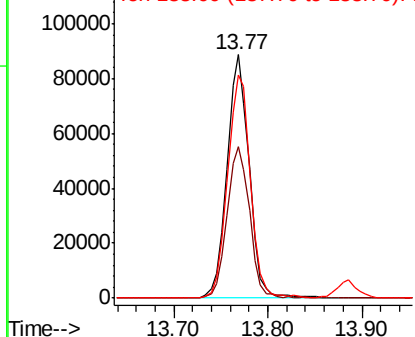


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.464 ng

RT: 14.41 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

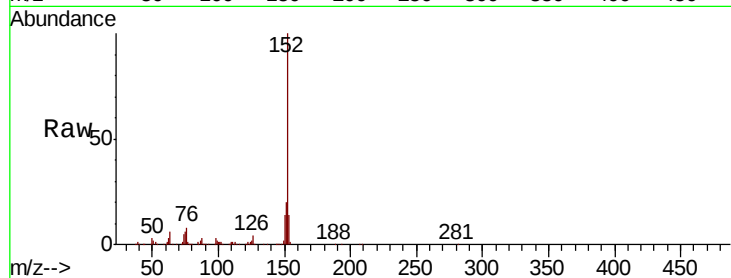
BNA_G

ClientSampleId :

PB123559BS

Tot Ion:152 Resp: 683679

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.6	11.3	16.9

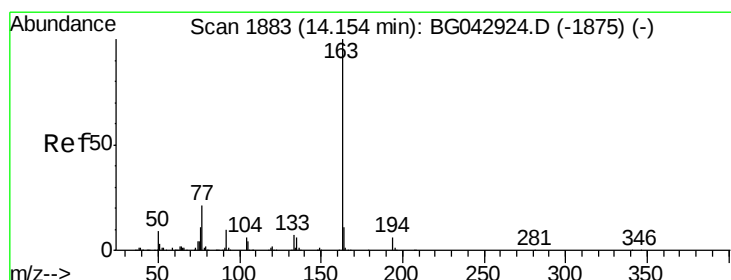
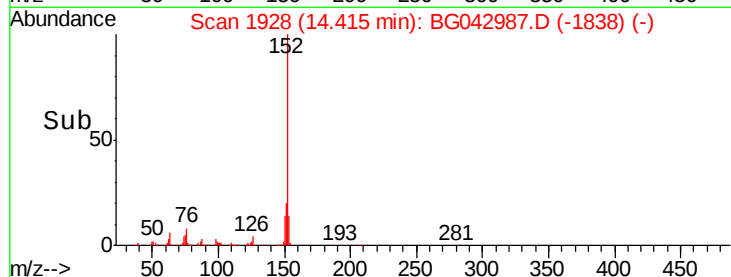
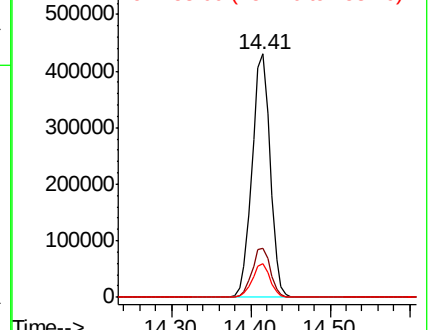


Abundance

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: 40.880 ng

RT: 14.14 min Scan# 1882

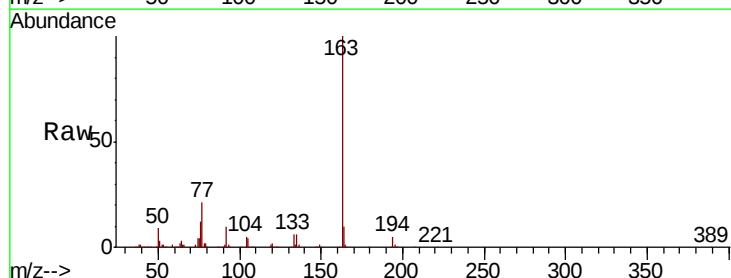
Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Tgt Ion:163 Resp: 553804

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.4	6.6
164	10.2	8.6	12.8

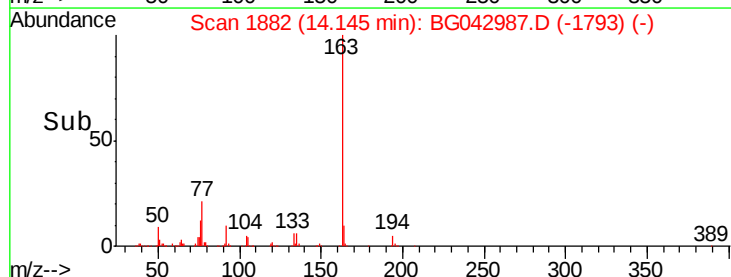
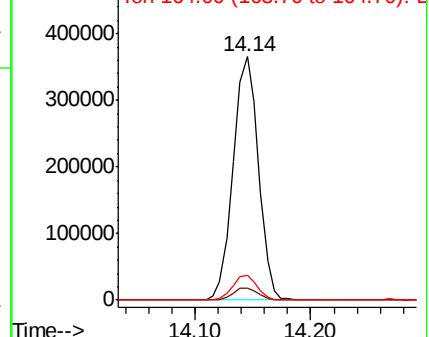


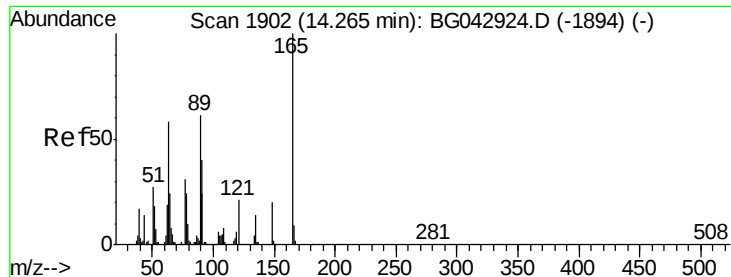
Abundance

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: 44.146 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

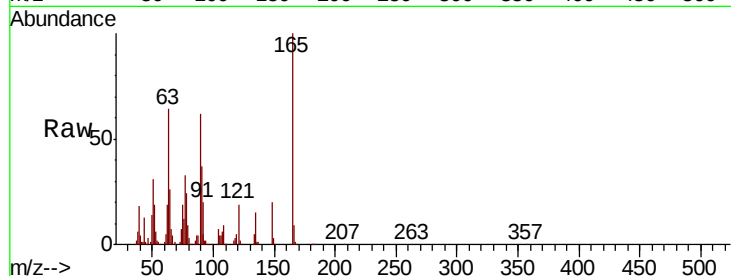
Tot Ion:165 Resp: 127357

Ion Ratio Lower Upper

165 100

63 64.1 50.3 75.5

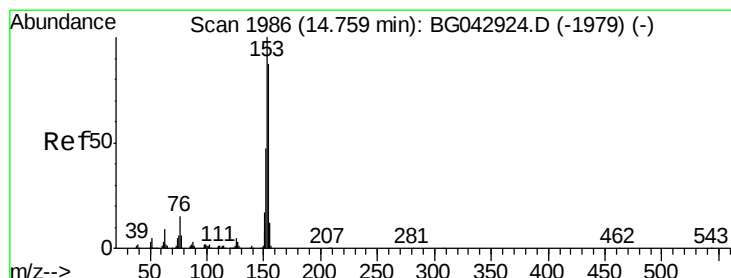
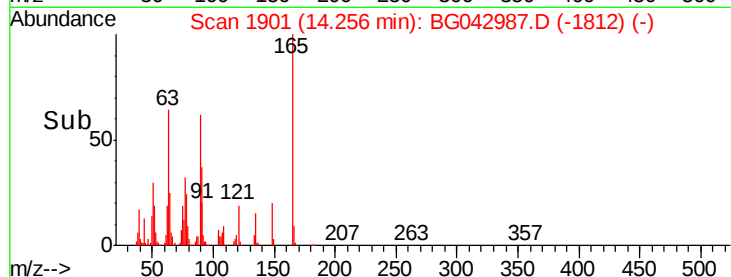
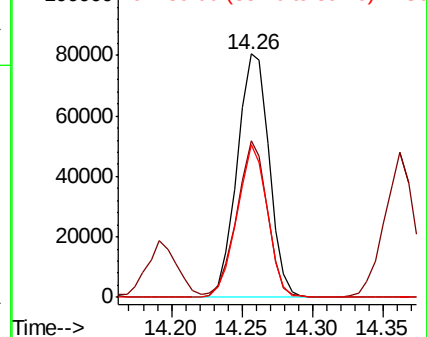
89 62.5 48.9 73.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.789 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

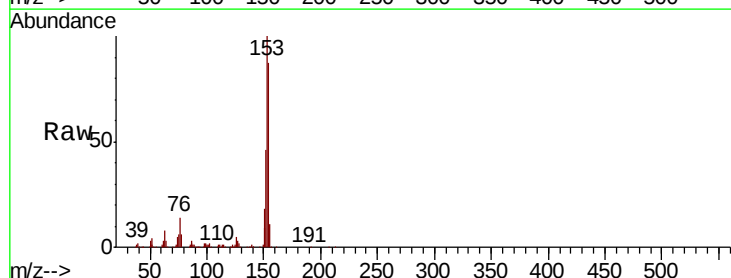
Tgt Ion:154 Resp: 418922

Ion Ratio Lower Upper

154 100

153 114.8 91.4 137.0

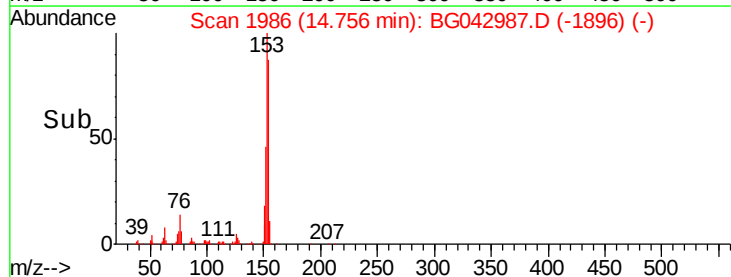
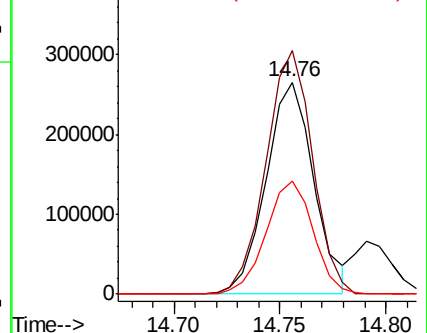
152 53.1 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.416 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

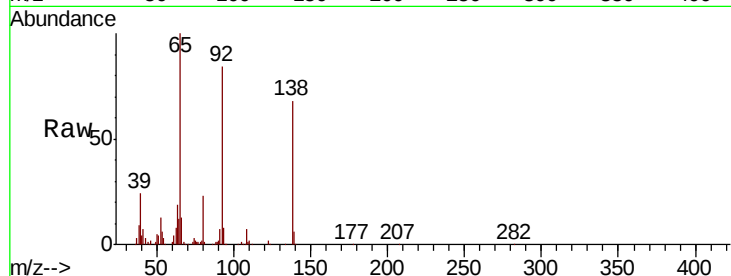
Tot Ion:138 Resp: 93665

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

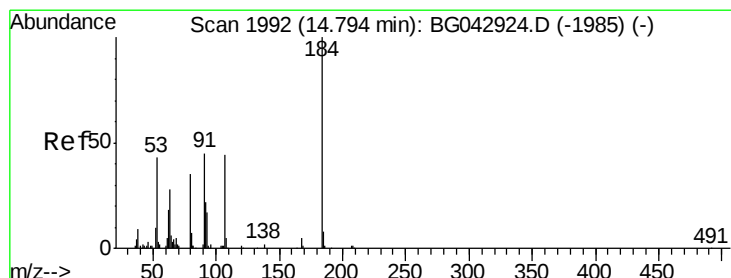
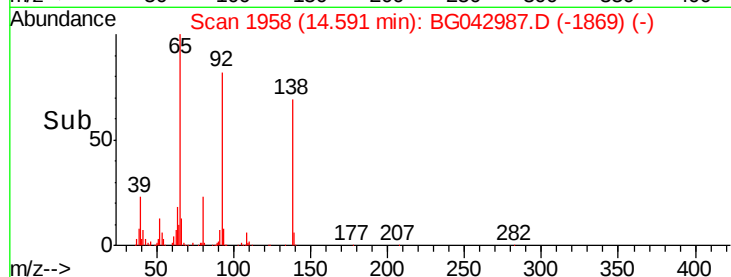
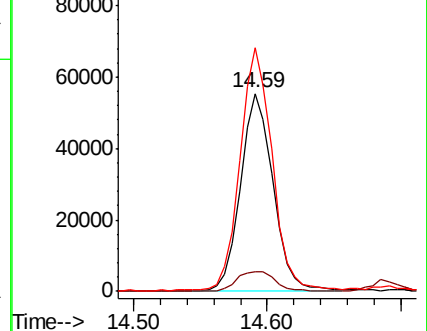
92 123.0 97.0 145.6



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: 83.571 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

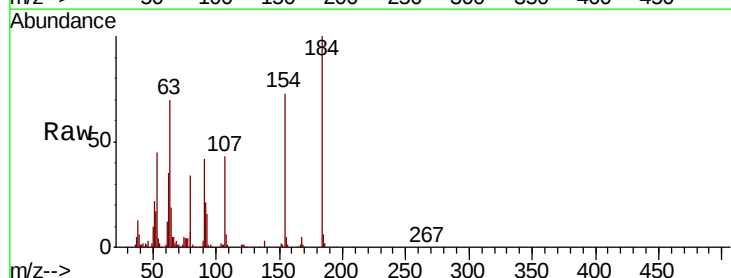
Tgt Ion:184 Resp: 149860

Ion Ratio Lower Upper

184 100

63 69.8 55.0 82.6

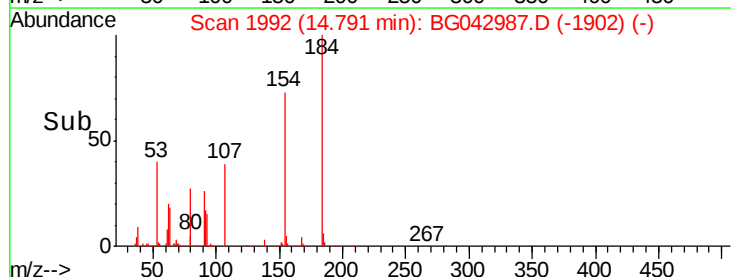
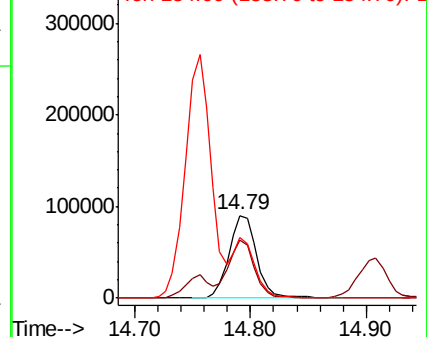
154 72.6 56.5 84.7

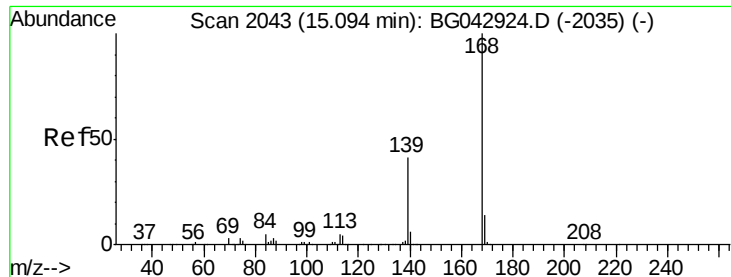


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 42.828 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

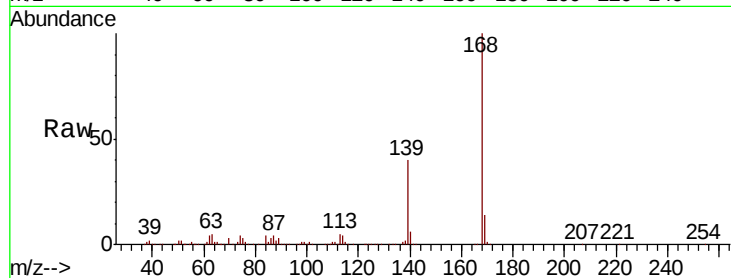
Tot Ion:168 Resp: 667046

Ion Ratio Lower Upper

168 100

139 40.5 32.6 48.8

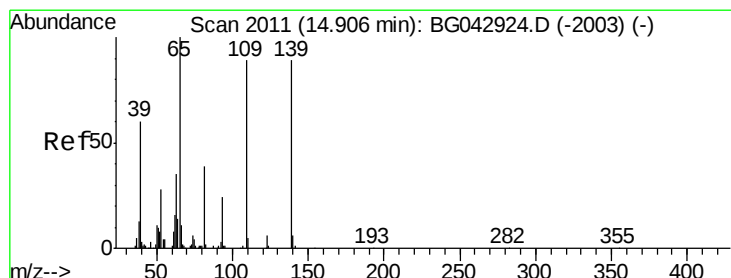
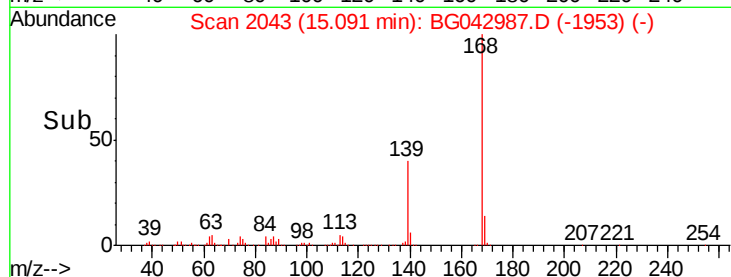
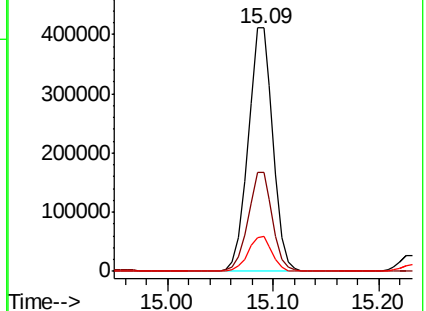
169 14.4 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.727 ng

RT: 14.91 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

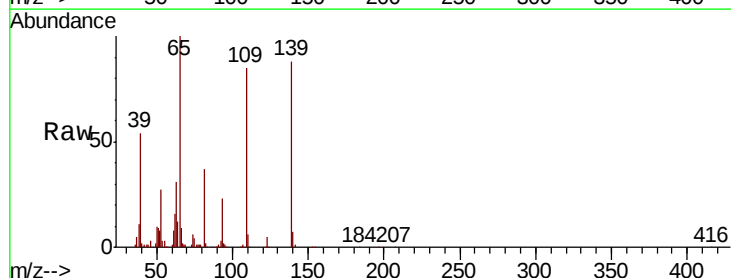
Tgt Ion:139 Resp: 210642

Ion Ratio Lower Upper

139 100

109 96.5 79.4 119.4

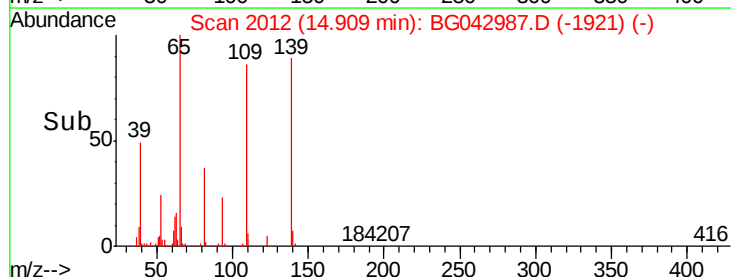
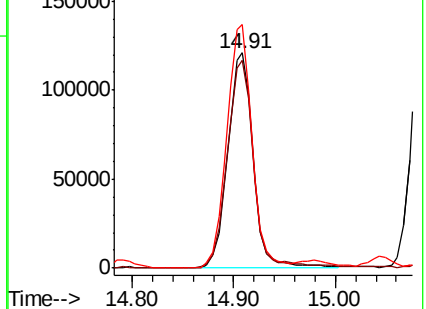
65 113.3 92.5 132.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 42.951 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

Tot Ion:165 Resp: 181455

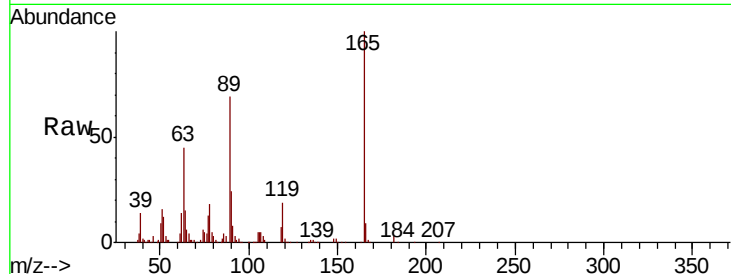
Ion Ratio Lower Upper

165 100

63 44.6 36.5 54.7

89 68.8 55.5 83.3

182 3.4 2.4 3.6

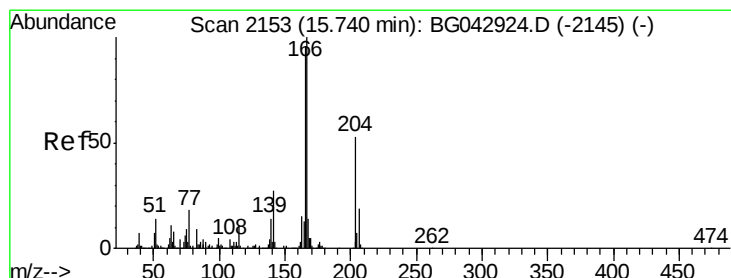
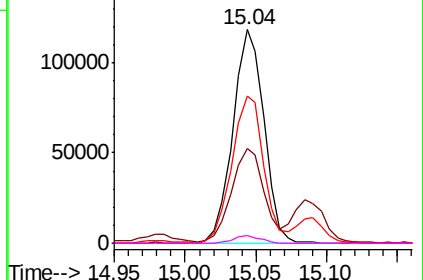
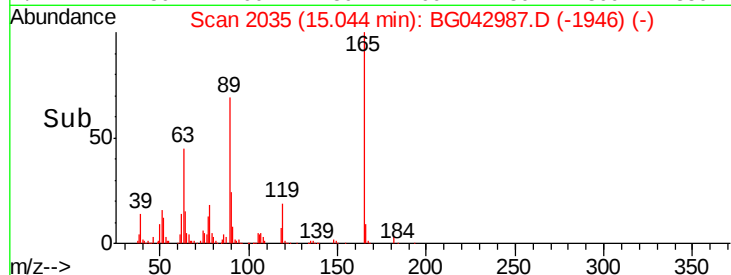


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.806 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

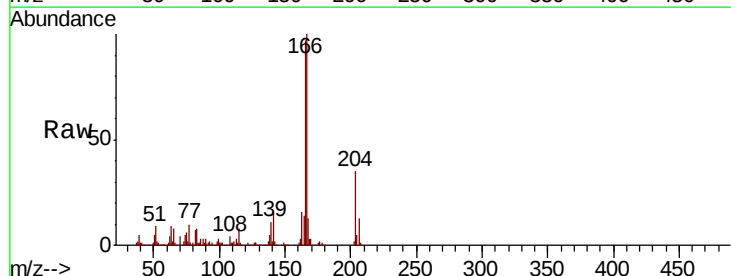
Tgt Ion:166 Resp: 569199

Ion Ratio Lower Upper

166 100

165 96.6 77.1 115.7

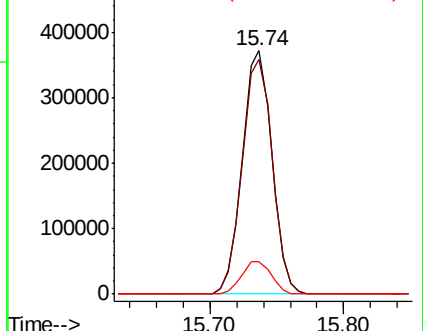
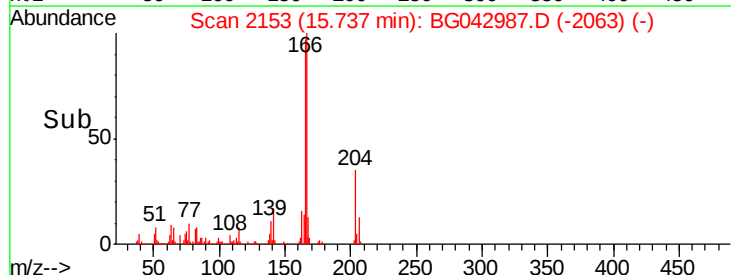
167 13.4 11.0 16.6

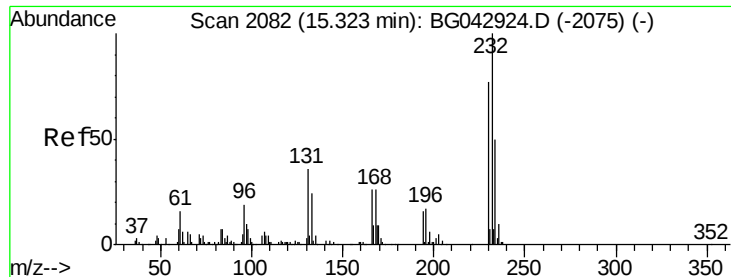


Abundance Ion 166.00 (165.70 to 166.70): E

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: 44.816 ng

RT: 15.31 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

Tot Ion:232 Resp: 195589

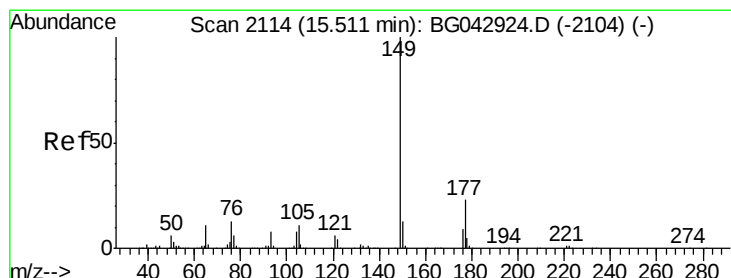
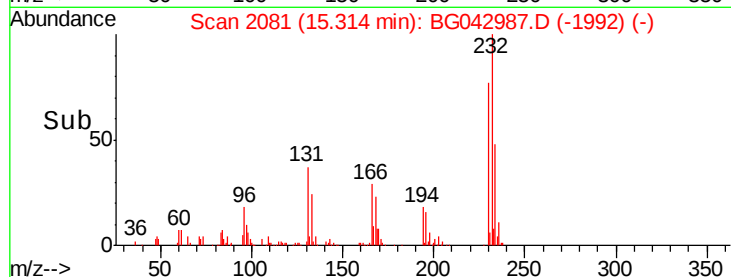
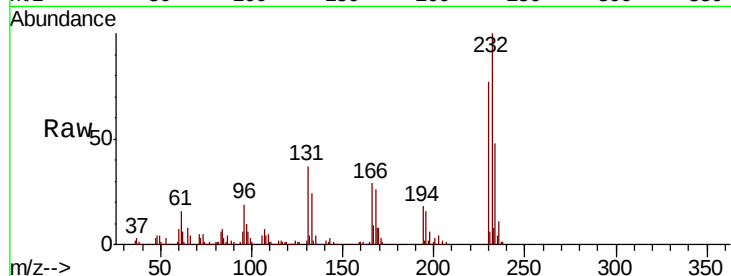
Ion	Ratio	Lower	Upper
232	100		
131	36.7	29.6	44.4
130	2.1	1.9	2.9
166	27.7	21.8	32.8

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.065 ng

RT: 15.50 min Scan# 2113

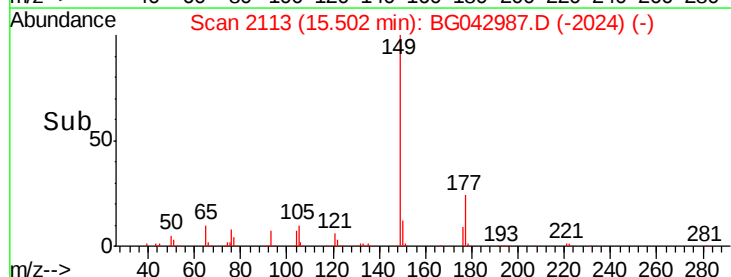
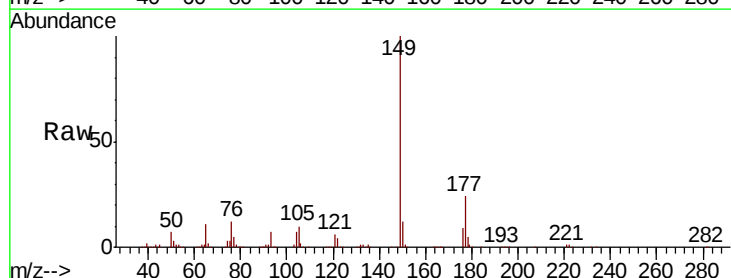
Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Tgt Ion:149 Resp: 552362

Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.8	28.2
150	12.3	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

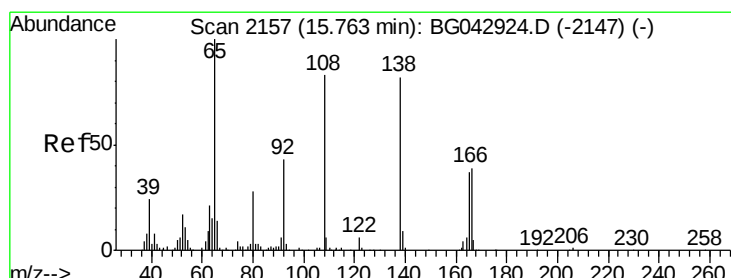
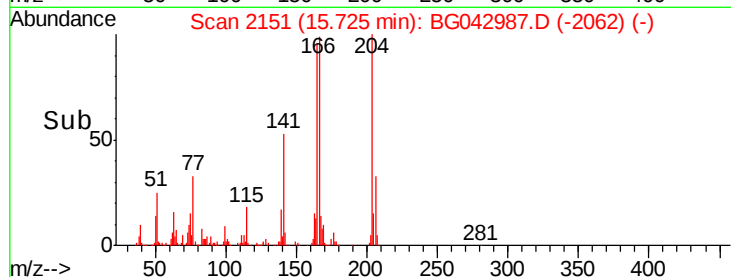
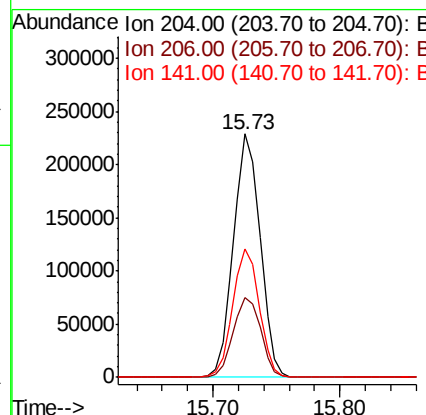
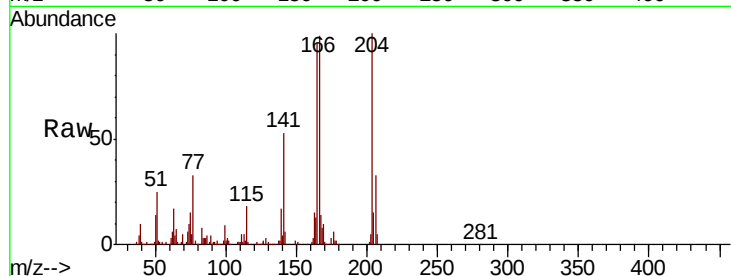
Ion 150.00 (149.70 to 150.70): E



#61
4-Chlorophenyl-phenylether
Concen: 41.773 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

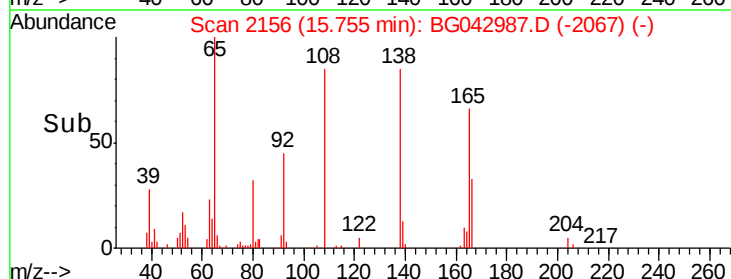
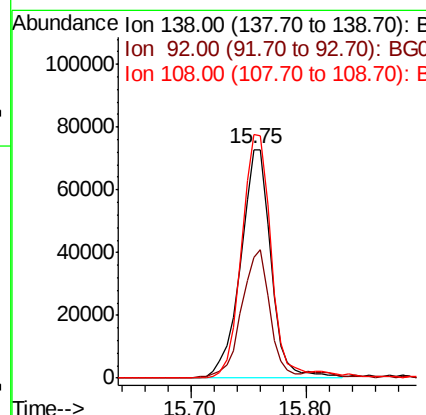
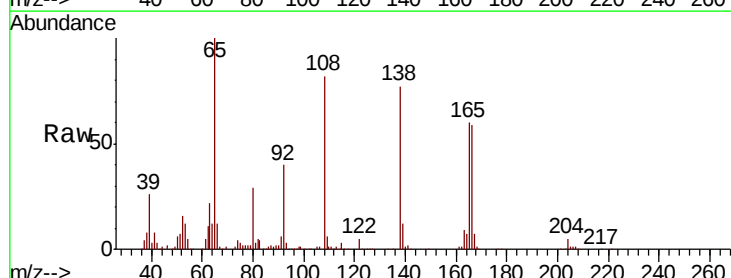
Instrument :
BNA_G
ClientSampleId :
PB123559BS

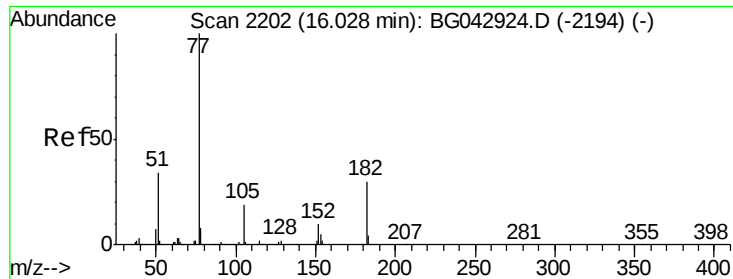
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	28.5	42.7
141	52.8	42.4	63.6



#62
4-Nitroaniline
Concen: 40.777 ng
RT: 15.75 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	32.9	72.9
108	106.5	81.3	121.3

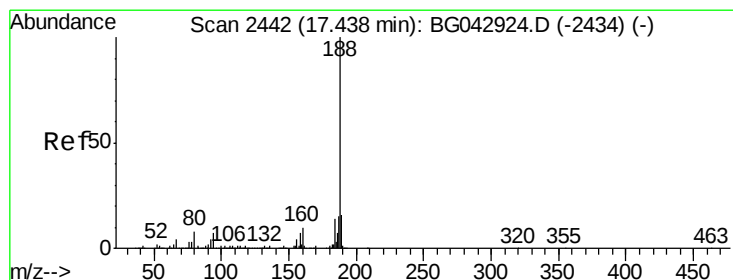
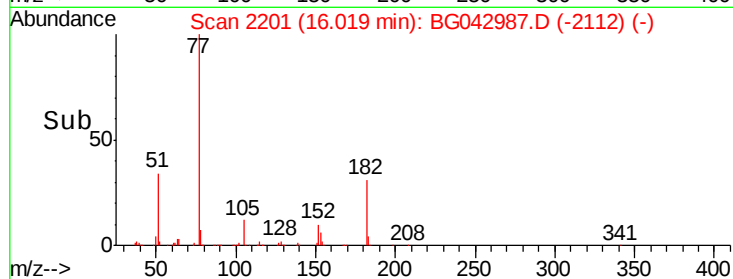
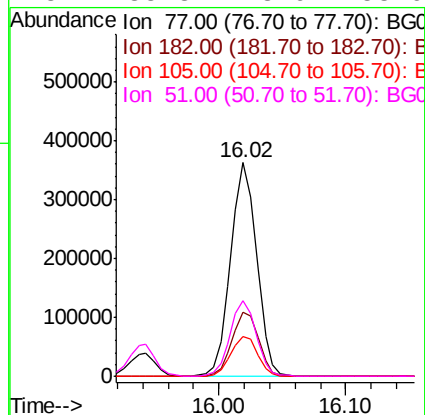
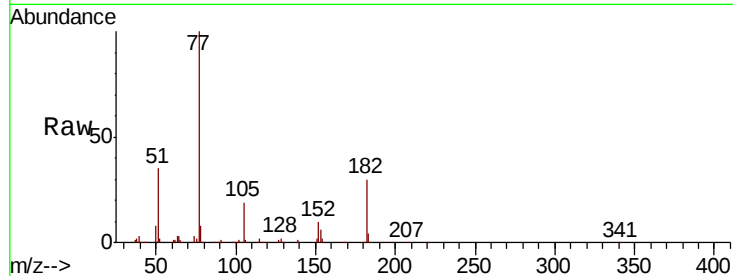




#63
Azobenzene
Concen: 40.819 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

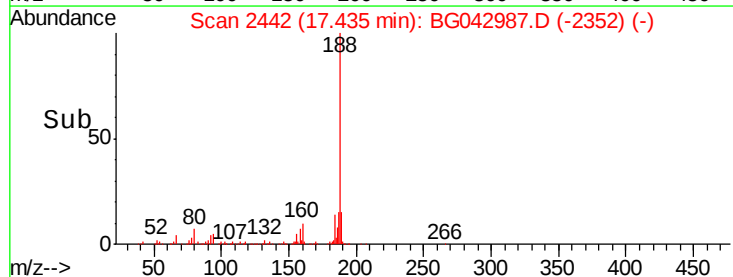
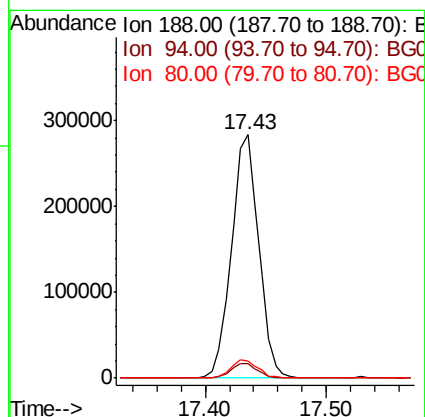
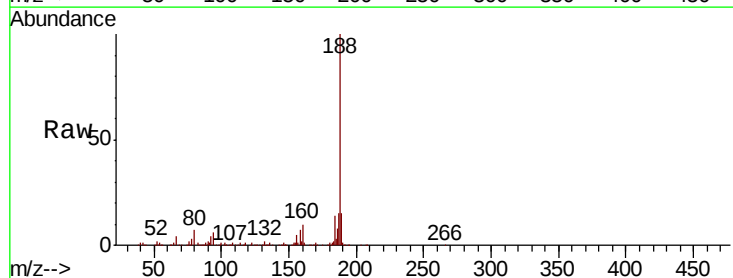
Instrument :
BNA_G
ClientSampleId :
PB123559BS

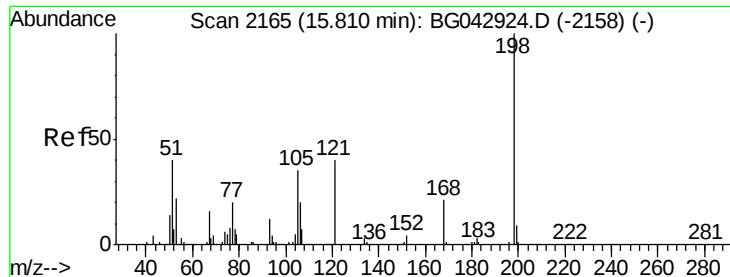
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.1	10.2	50.2	
105	18.6	0.0	39.1	
51	35.3	13.9	53.9	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.8	5.7	8.5	
80	7.1	6.5	9.7	

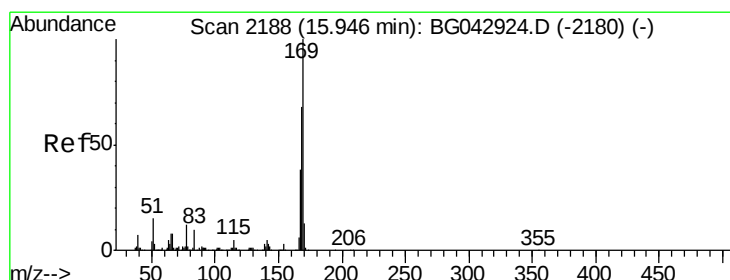
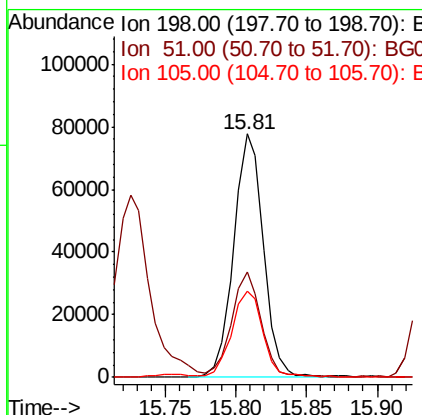
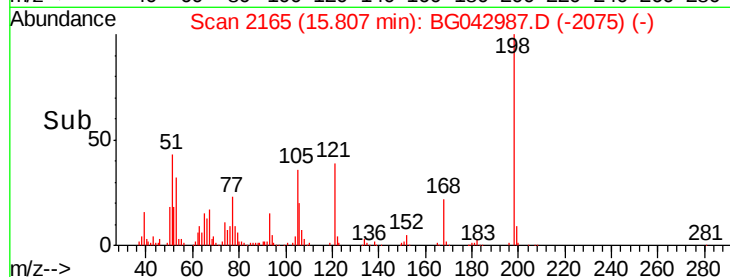
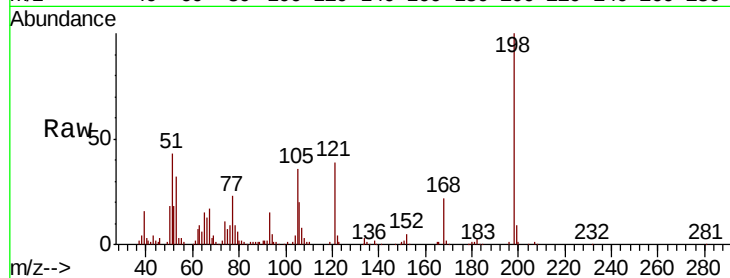




#65
4,6-Dinitro-2-methylphenol
Concen: 45.289 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

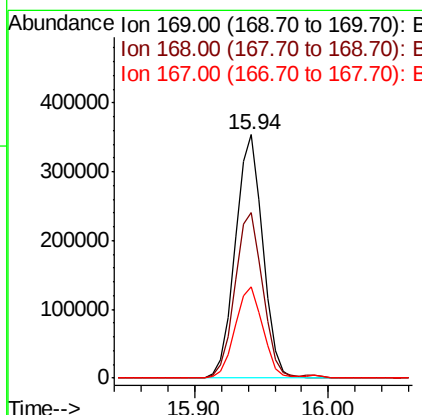
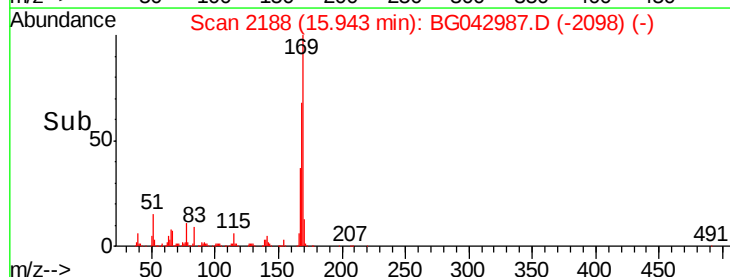
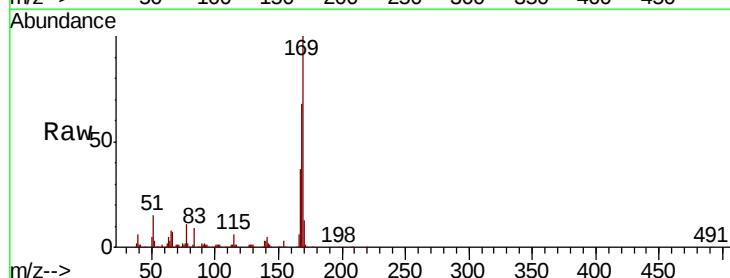
Instrument :
BNA_G
ClientSampleId :
PB123559BS

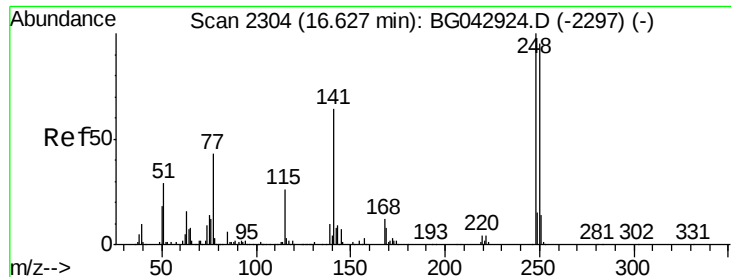
Tot Ion:198 Resp: 114077
Ion Ratio Lower Upper
198 100
51 43.1 25.3 65.3
105 35.5 16.6 56.6



#66
n-Nitrosodiphenylamine
Concen: 42.987 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion:169 Resp: 505142
Ion Ratio Lower Upper
169 100
168 68.0 54.8 82.2
167 37.4 30.6 46.0





#67

4-Bromophenyl-phenylether

Concen: 41.790 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

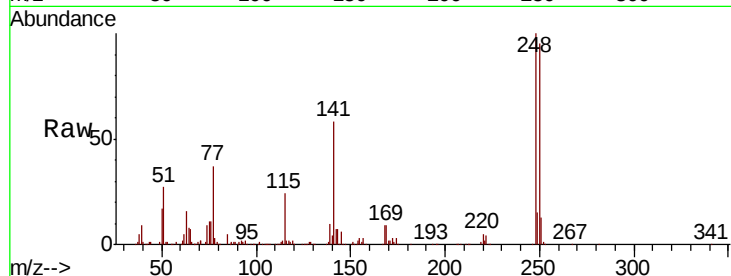
Tot Ion:248 Resp: 233474

Ion	Ratio	Lower	Upper
248	100		
250	94.7	75.8	113.8
141	58.3	51.1	76.7

248 100

250 94.7 75.8 113.8

141 58.3 51.1 76.7

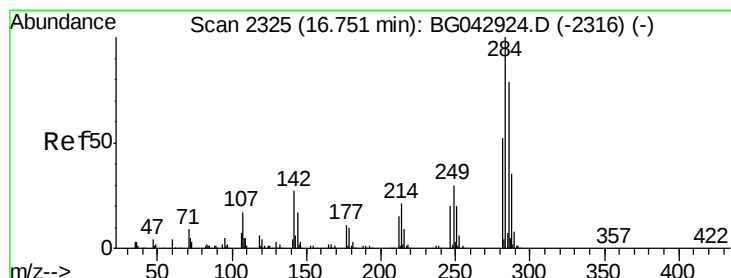
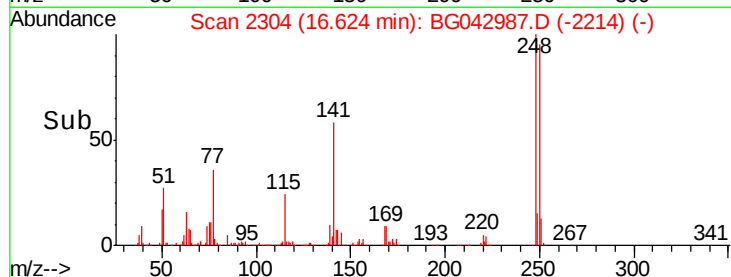
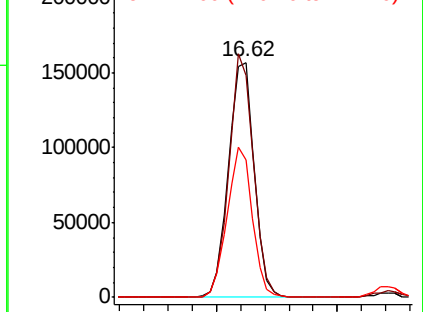


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.157 ng

RT: 16.74 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

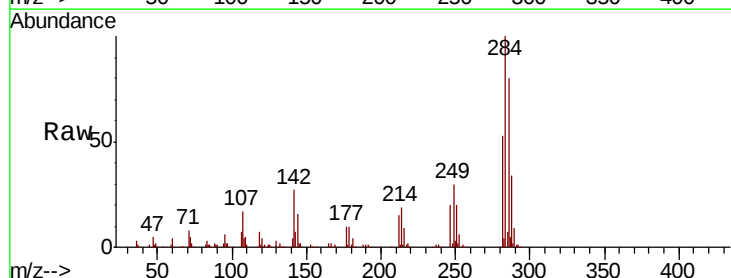
Tgt Ion:284 Resp: 256020

Ion	Ratio	Lower	Upper
284	100		
142	27.1	21.6	32.4
249	30.5	24.1	36.1

284 100

142 27.1 21.6 32.4

249 30.5 24.1 36.1

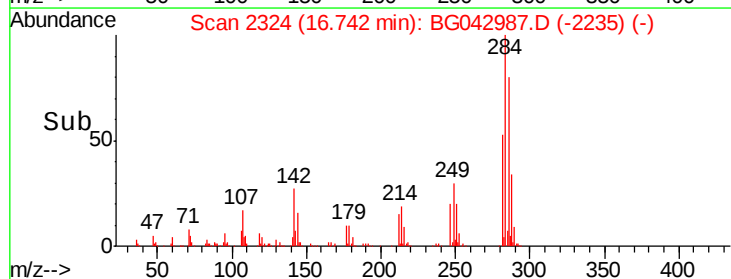
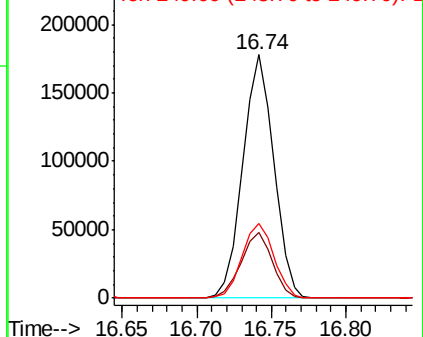


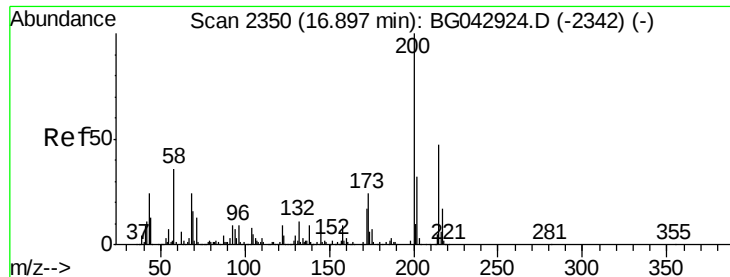
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.693 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

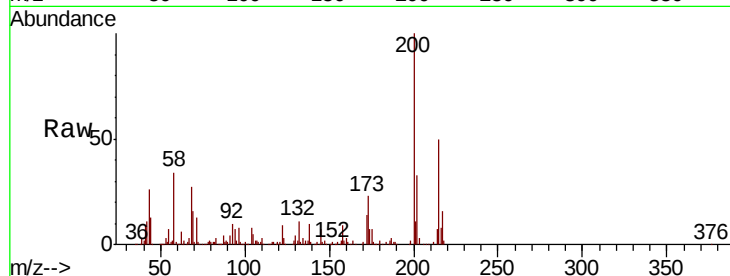
Tot Ion:200 Resp: 201363

Ion Ratio Lower Upper

200 100

173 22.9 4.0 44.0

215 50.1 27.4 67.4

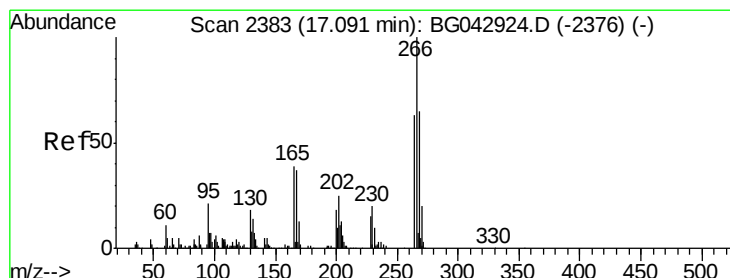
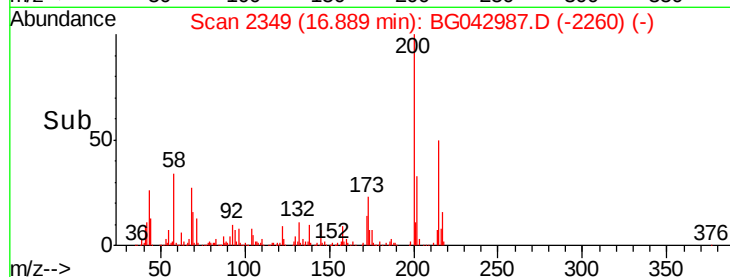
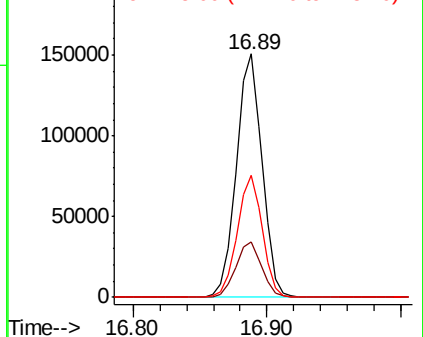


Abundance

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: 90.086 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

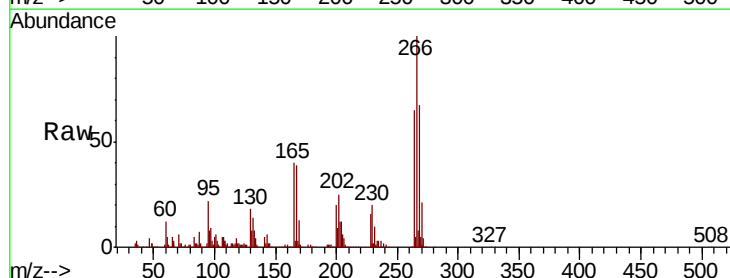
Tgt Ion:266 Resp: 323360

Ion Ratio Lower Upper

266 100

268 67.1 52.2 78.2

264 64.5 50.7 76.1

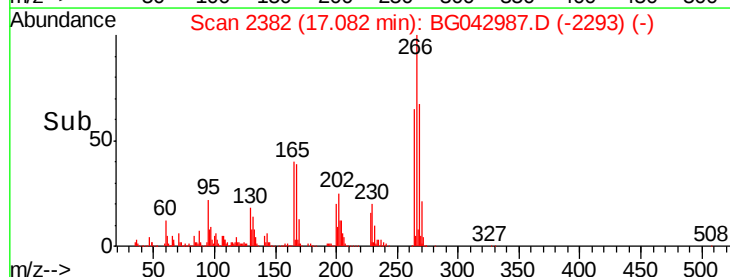
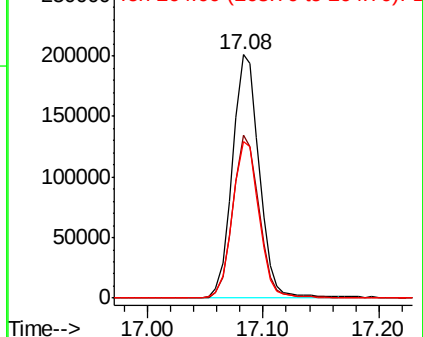


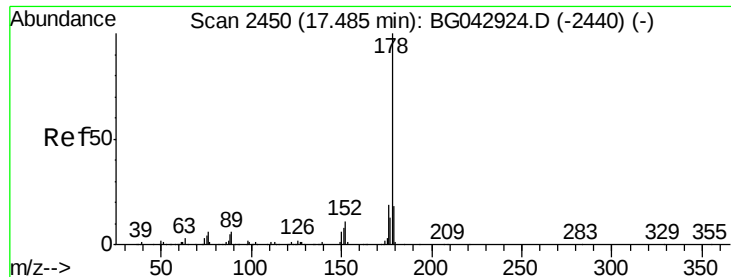
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

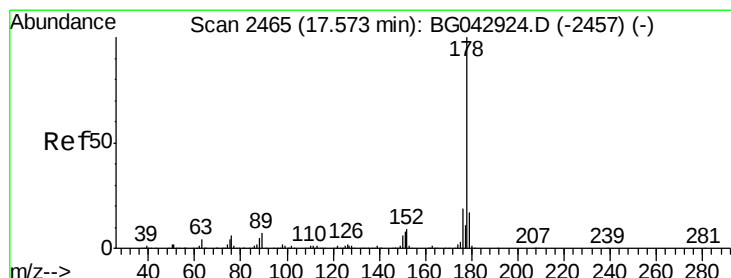
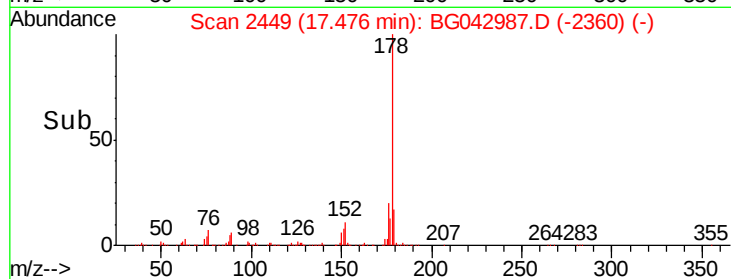
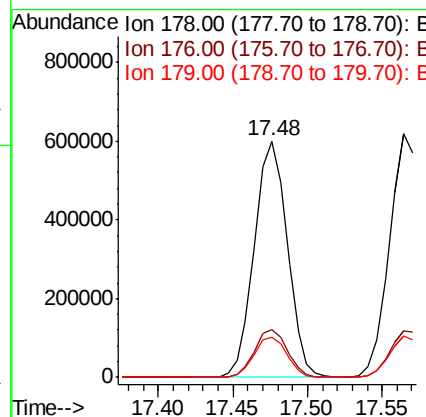
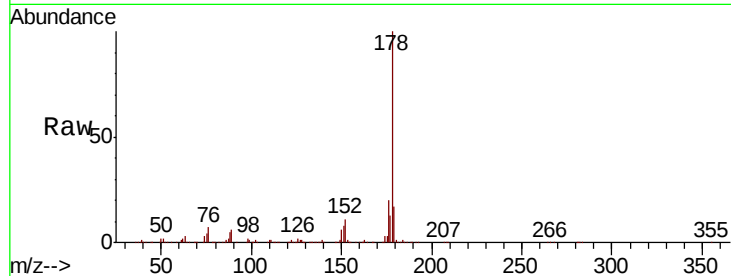




#71
Phenanthrene
Concen: 42.264 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

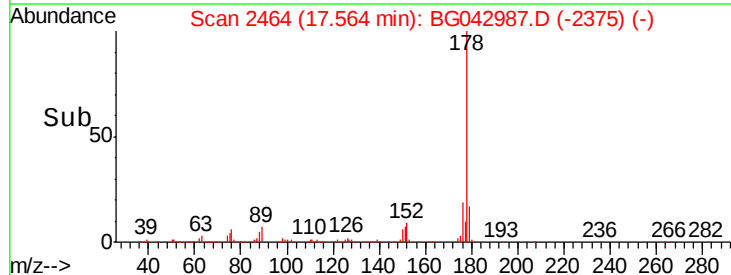
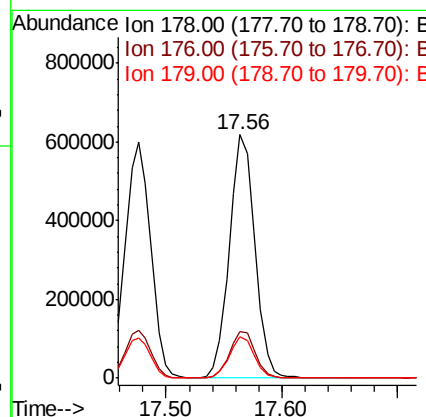
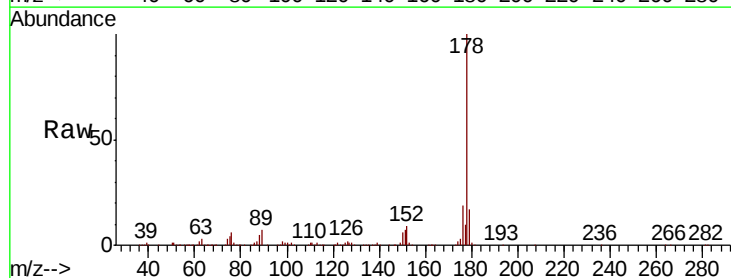
Instrument :
BNA_G
ClientSampleId :
PB123559BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.1	22.7
179	16.8	14.1	21.1



#72
Anthracene
Concen: 43.389 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	16.8	13.5	20.3

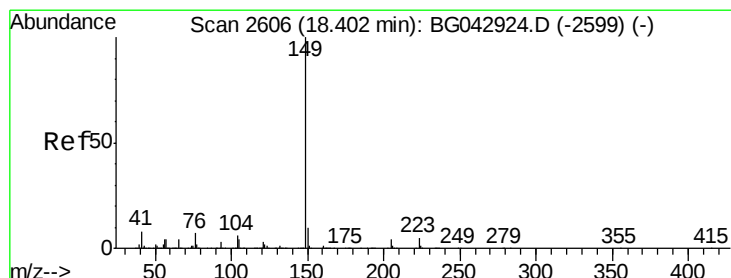
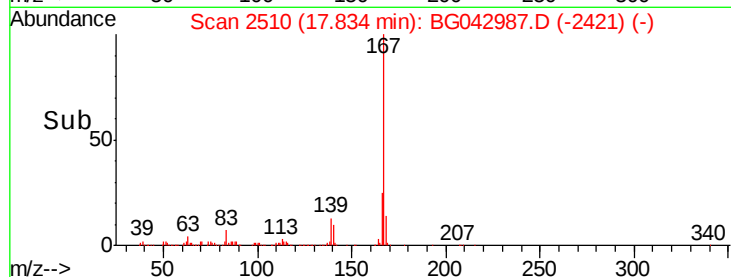
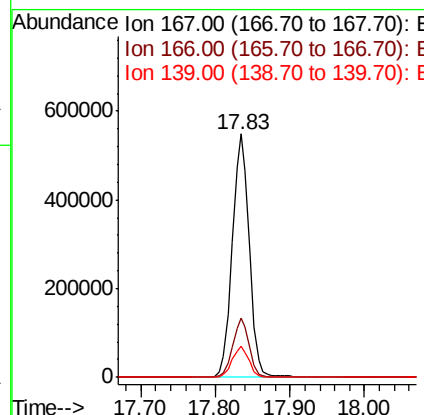
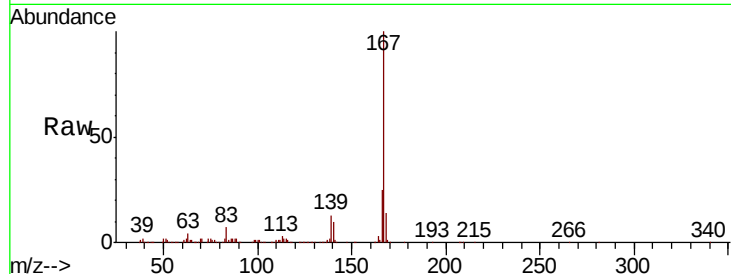




#73
 Carbazole
 Concen: 43.446 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042987.D
 Acq: 2 Oct 2019 16:32

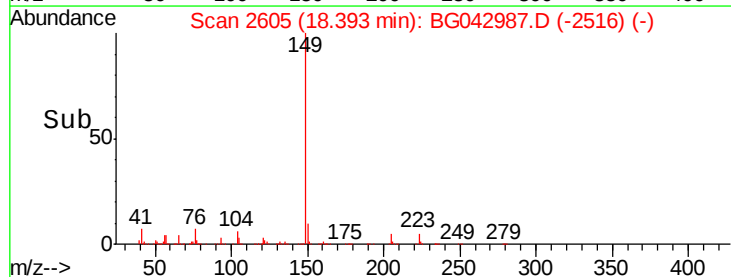
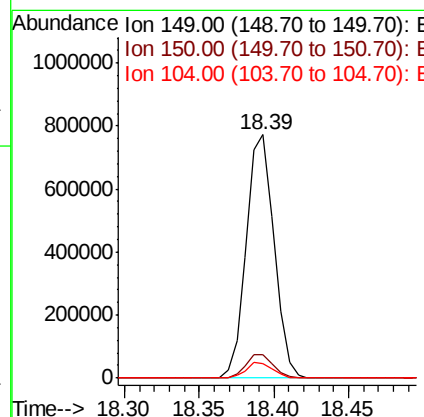
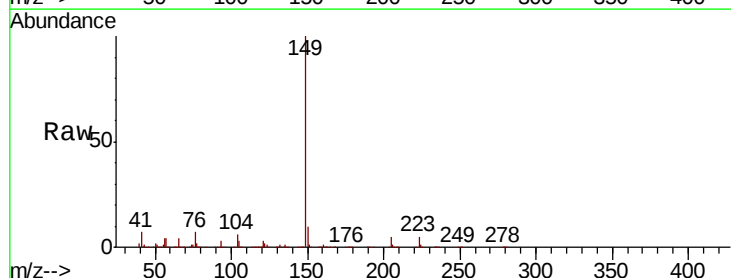
Instrument :
 BNA_G
 ClientSampleId :
 PB123559BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	18.6	28.0
139	12.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.424 ng
 RT: 18.39 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BG042987.D
 Acq: 2 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.1	5.0	7.6





#75

Fluoranthene

Concen: 43.209 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

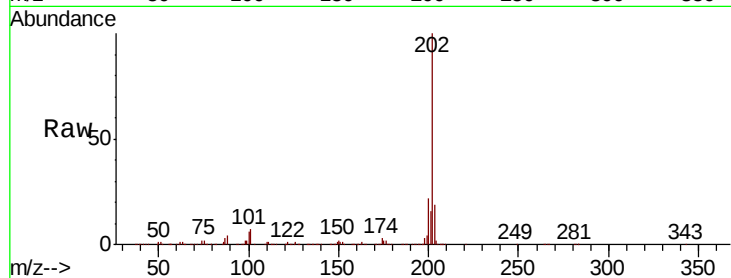
Tot Ion:202 Resp: 1242004

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	27.3
203	18.8	0.0	39.5

202 100

101 6.8 0.0 27.3

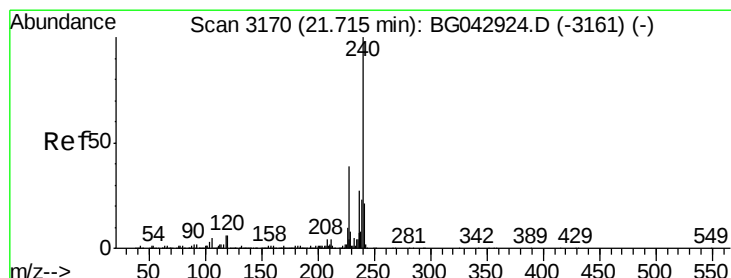
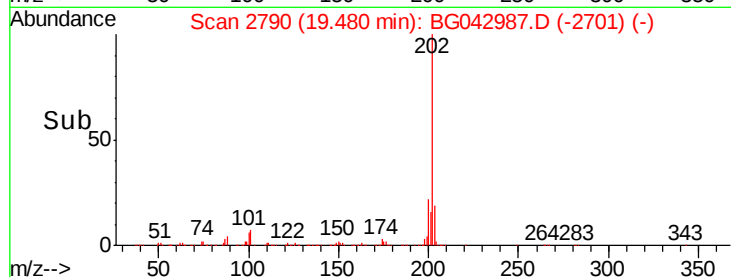
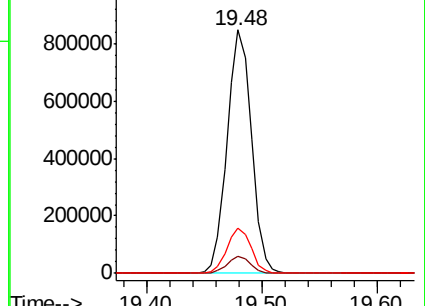
203 18.8 0.0 39.5



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: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

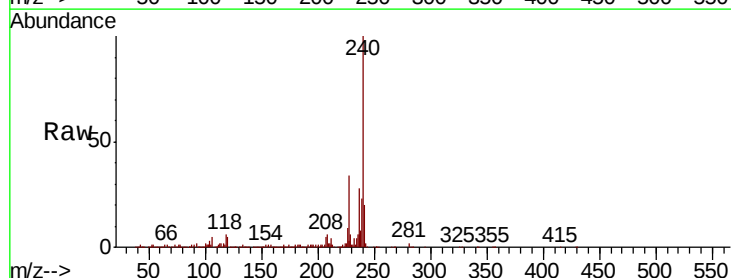
Tgt Ion:240 Resp: 492436

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.8	7.2
236	27.9	21.4	32.0

240 100

120 5.5 4.8 7.2

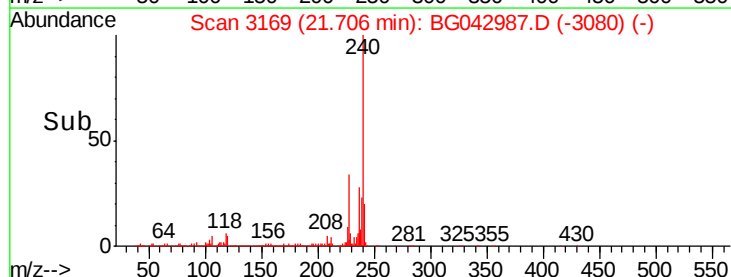
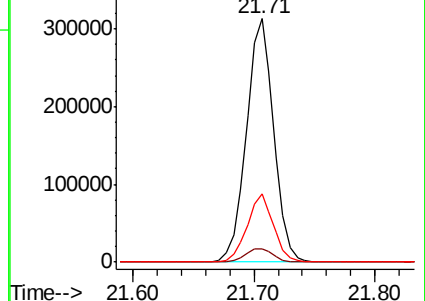
236 27.9 21.4 32.0

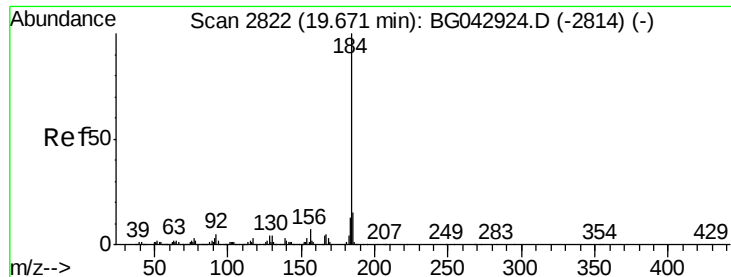


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.175 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

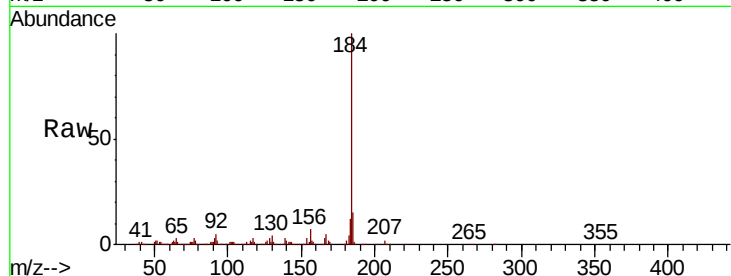
Tot Ion:184 Resp: 409056

Ion Ratio Lower Upper

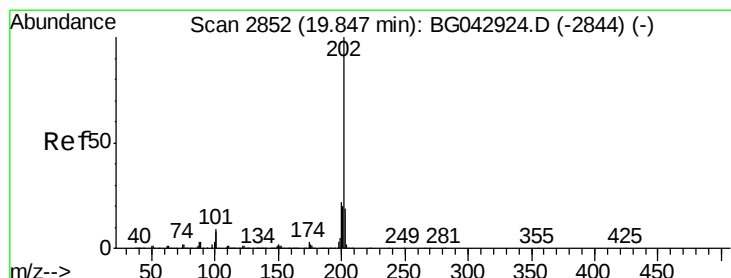
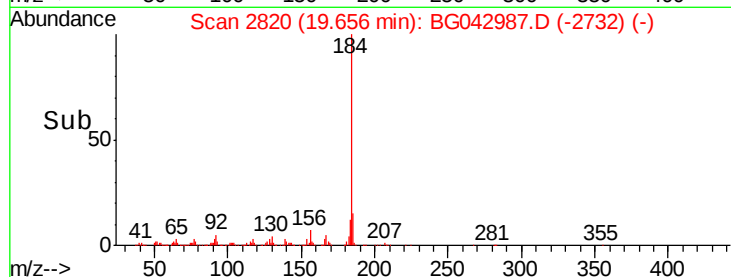
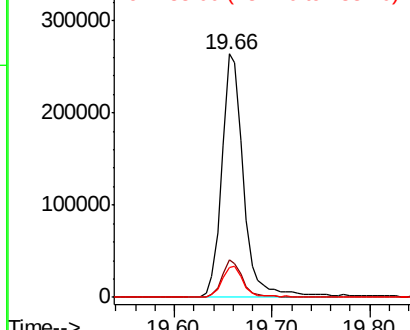
184 100

185 15.4 11.8 17.8

183 12.4 10.1 15.1



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: 42.728 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

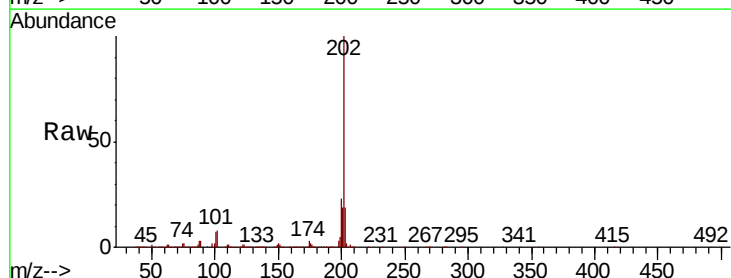
Tgt Ion:202 Resp: 1255848

Ion Ratio Lower Upper

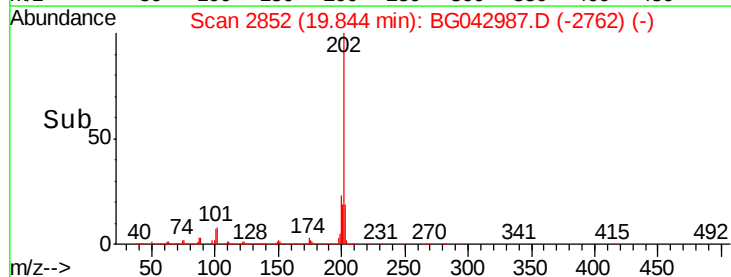
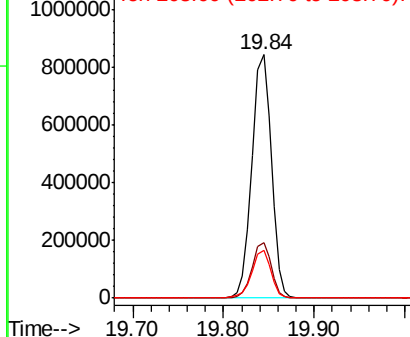
202 100

200 22.7 17.6 26.4

203 19.4 15.2 22.8



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: 71.560 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

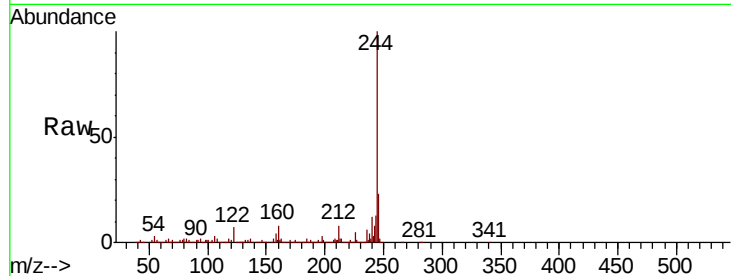
BNA_G

ClientSampleId :

PB123559BS

Tot Ion:244 Resp: 1653706

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.0
122	7.2	7.0	10.4

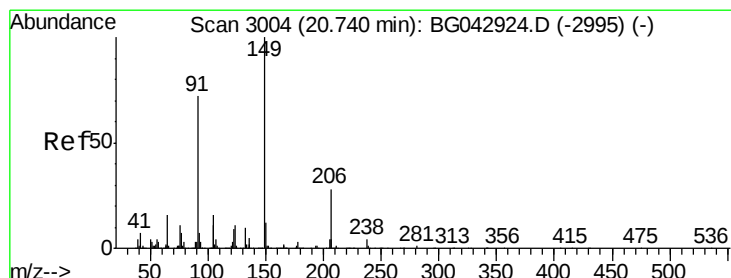
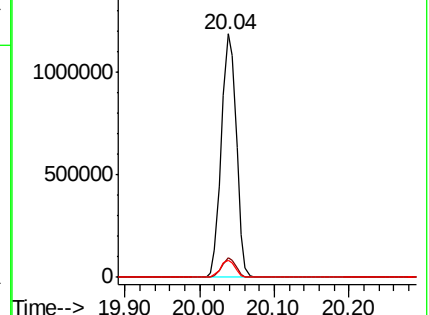
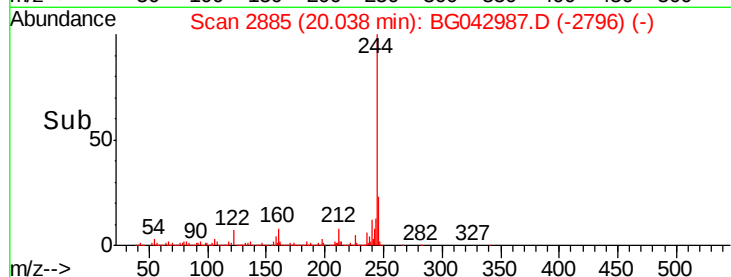


Abundance

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: 42.533 ng

RT: 20.73 min Scan# 3002

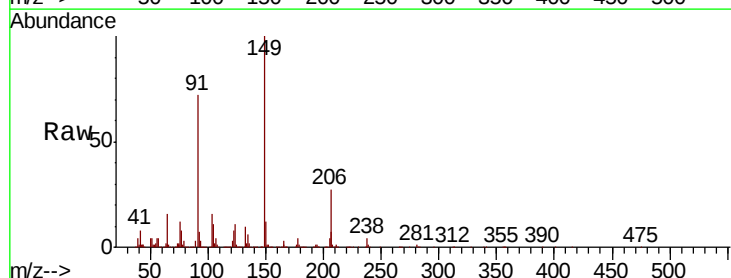
Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Tgt Ion:149 Resp: 474516

Ion	Ratio	Lower	Upper
149	100		
91	72.3	57.7	86.5
206	27.3	22.6	33.8

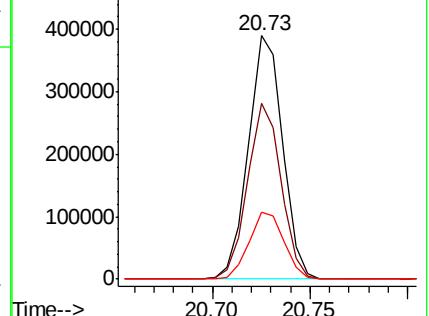
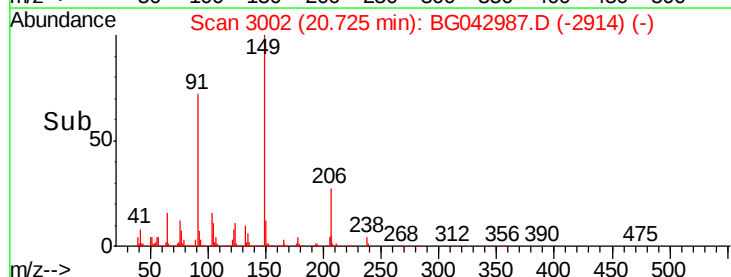


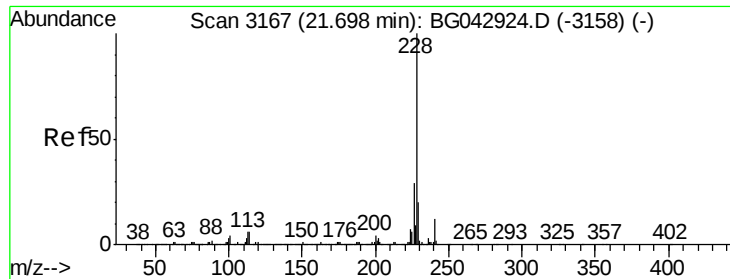
Abundance

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

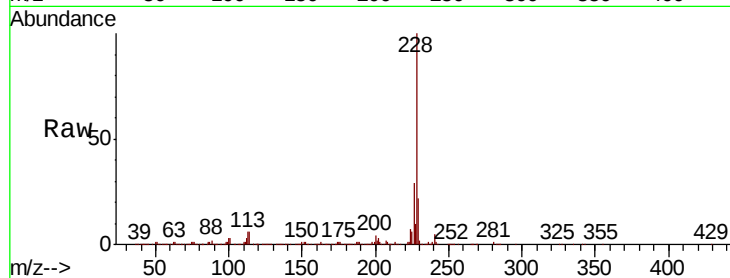




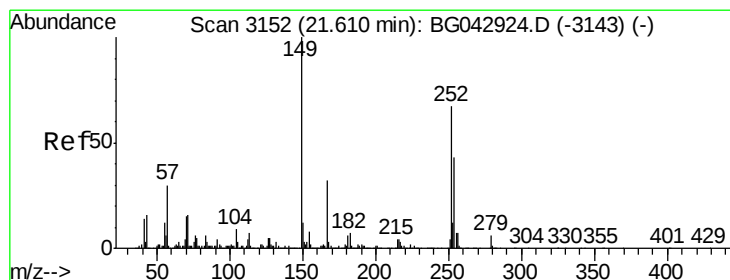
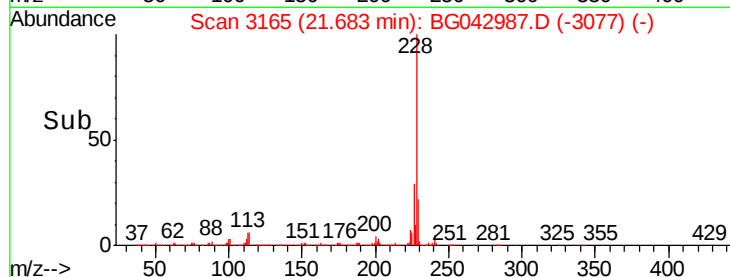
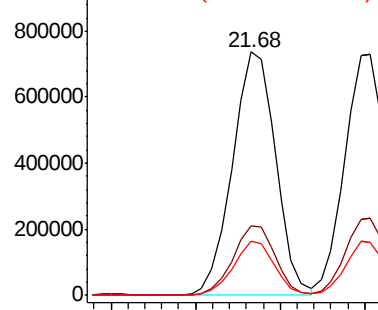
#81
Benzo(a)anthracene
Concen: 42.411 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB123559BS

Tot Ion:228 Resp: 1301302
Ion Ratio Lower Upper
228 100
226 28.8 23.0 34.4
229 22.0 16.3 24.5

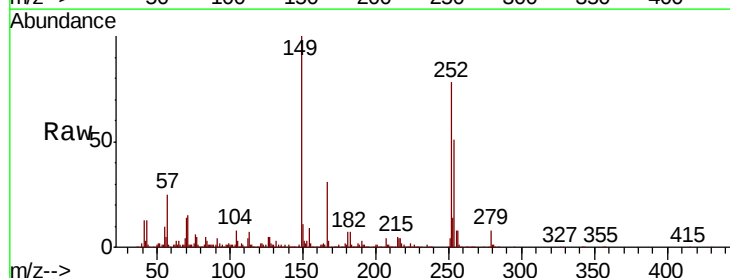


Abundance Ion 228.00 (227.70 to 228.70): E
1000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

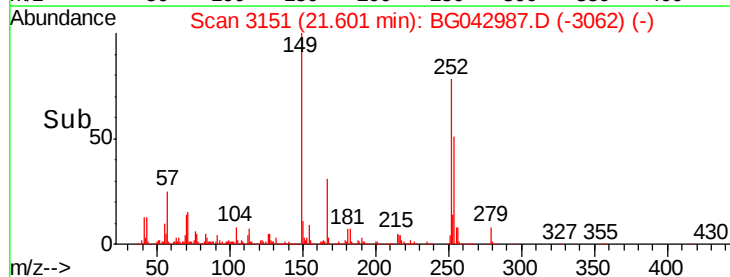
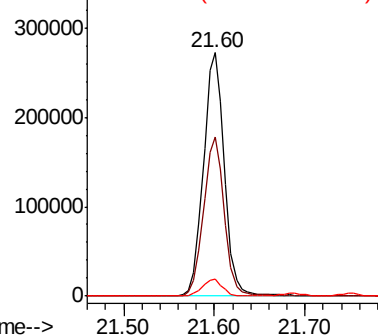


#82
3,3'-Dichlorobenzidine
Concen: 36.496 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion:252 Resp: 439206
Ion Ratio Lower Upper
252 100
254 65.6 51.9 77.9
126 6.9 6.1 9.1



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: 42.160 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

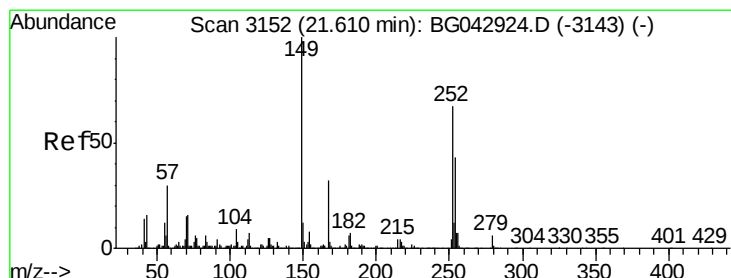
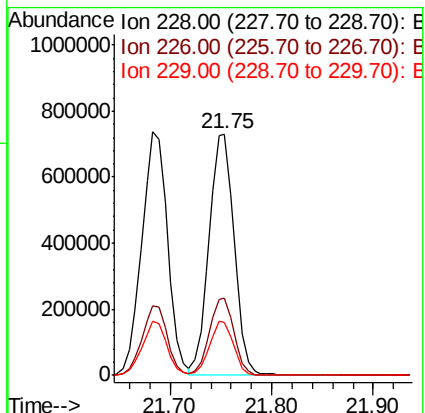
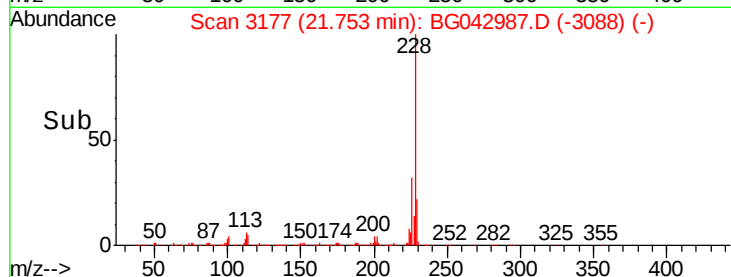
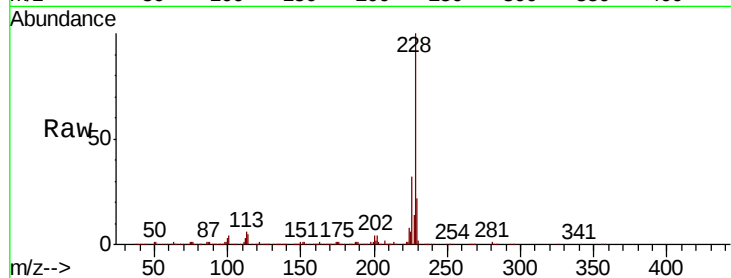
BNA_G

ClientSampleId :

PB123559BS

Tot Ion:228 Resp: 1255348

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.6	38.4
229	21.9	16.9	25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.776 ng

RT: 21.59 min Scan# 3150

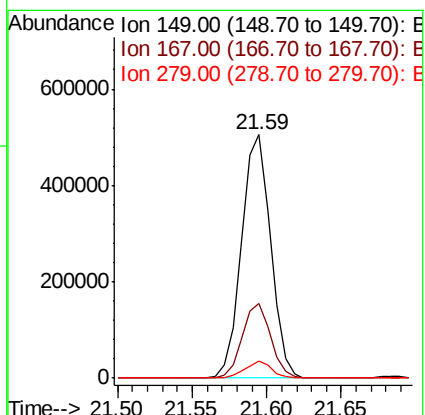
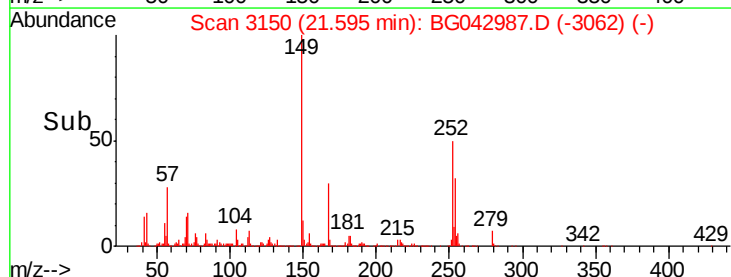
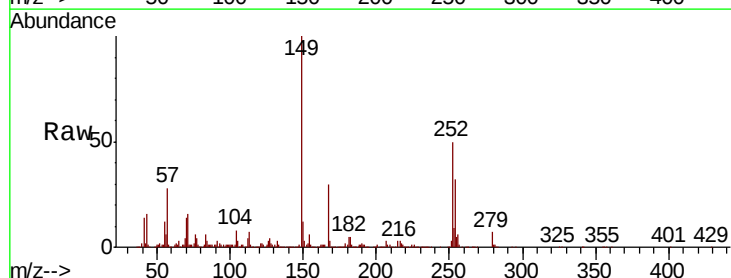
Delta R.T. -0.01 min

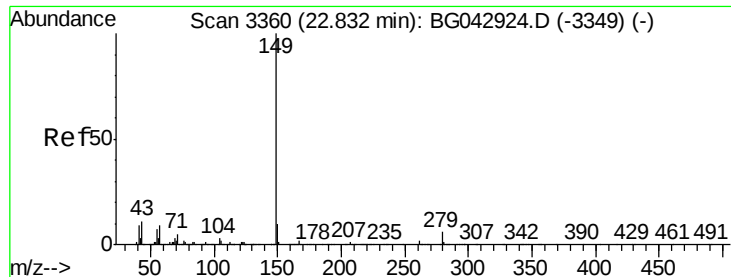
Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Tgt Ion:149 Resp: 679052

Ion	Ratio	Lower	Upper
149	100		
167	30.4	25.4	38.2
279	7.0	5.1	7.7

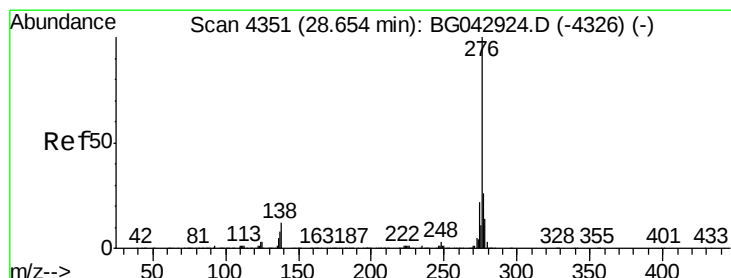
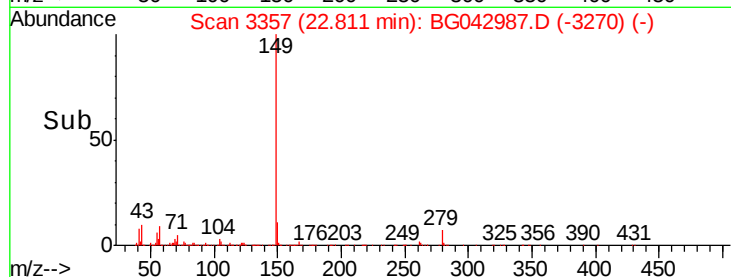
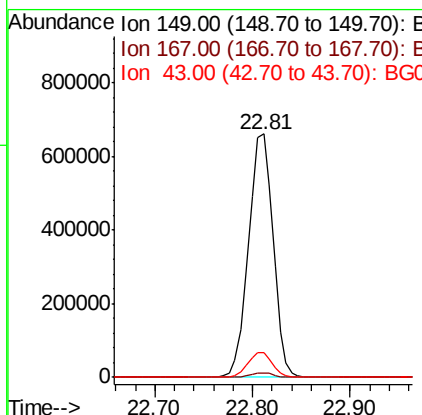
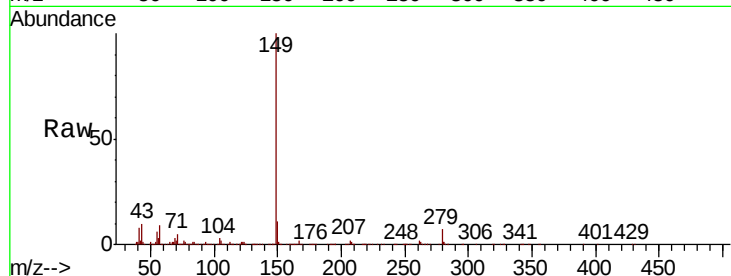




#85
Di-n-octyl phthalate
Concen: 44.551 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

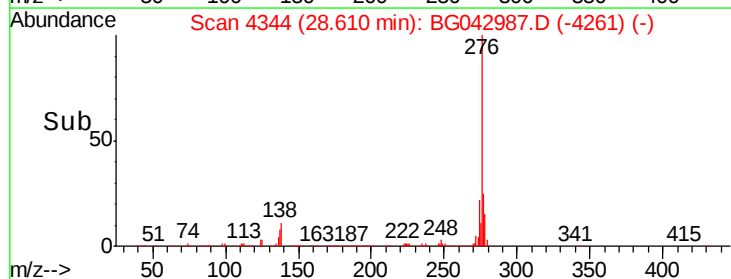
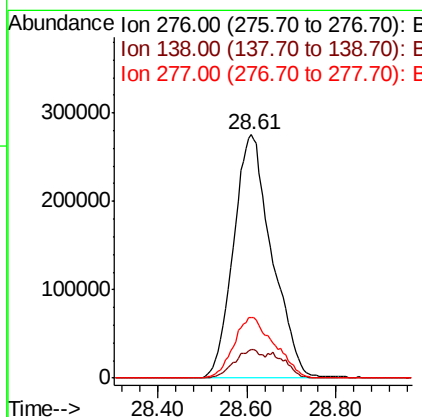
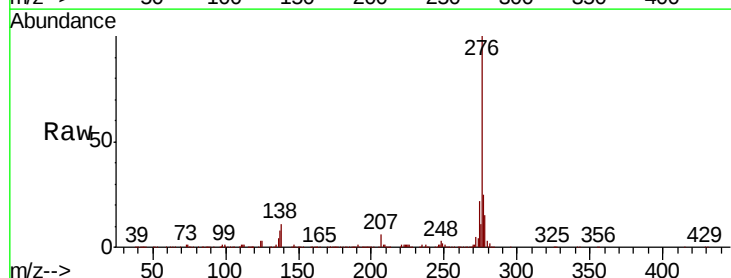
Instrument :
BNA_G
ClientSampleId :
PB123559BS

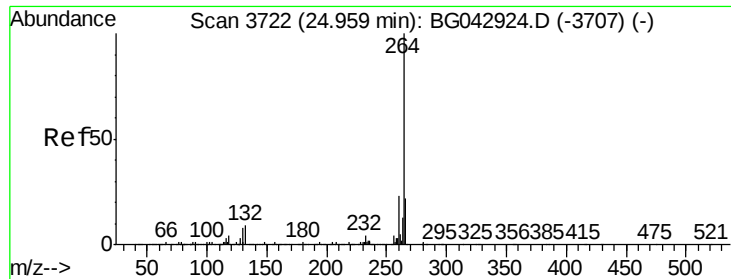
Tot Ion:149 Resp: 1156489
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.0 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.300 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.04 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion:276 Resp: 1642117
Ion Ratio Lower Upper
276 100
138 8.6 7.0 10.6
277 26.5 20.9 31.3

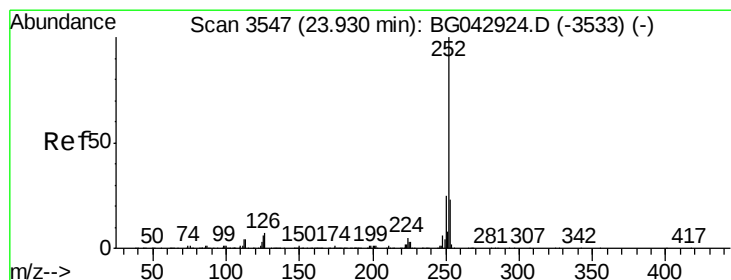
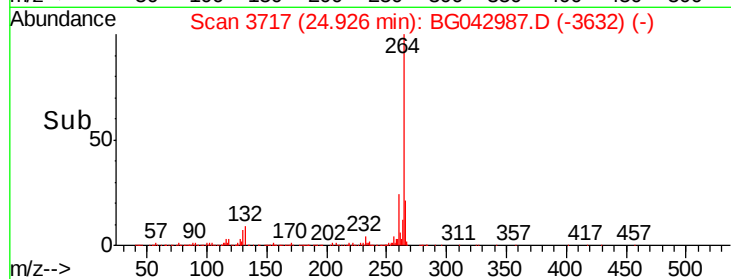
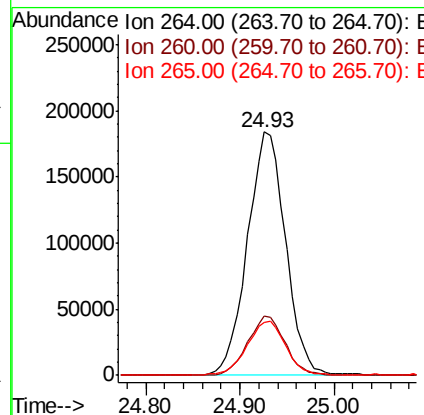
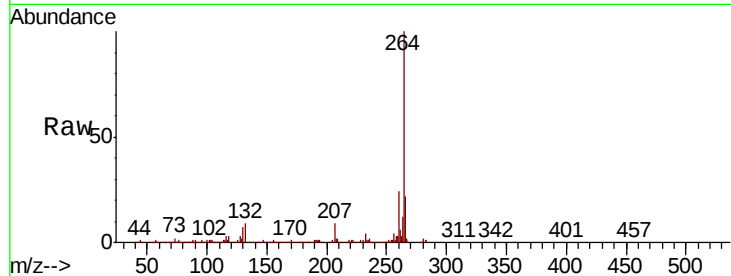




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

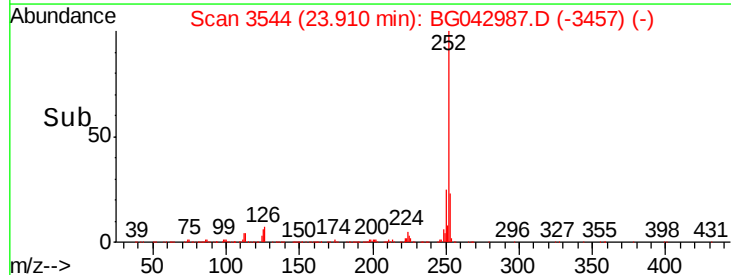
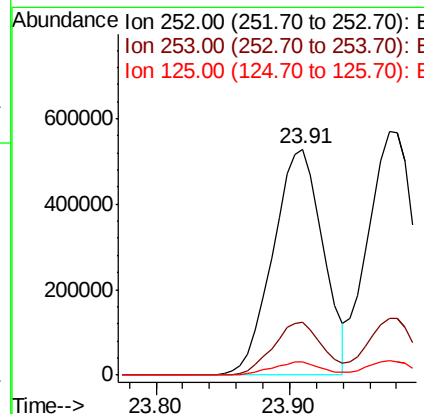
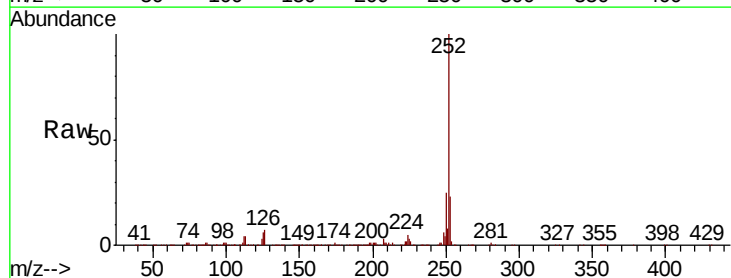
Instrument :
BNA_G
ClientSampleId :
PB123559BS

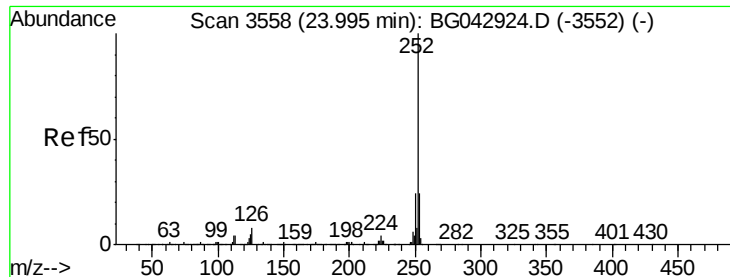
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.7	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 47.138 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.02 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	5.9	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 47.644 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.02 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB123559BS

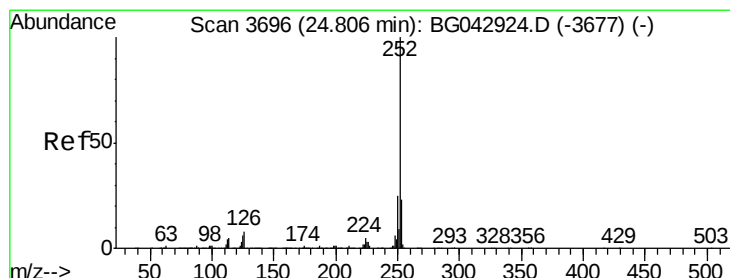
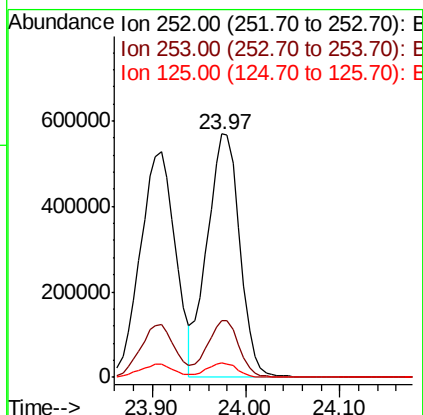
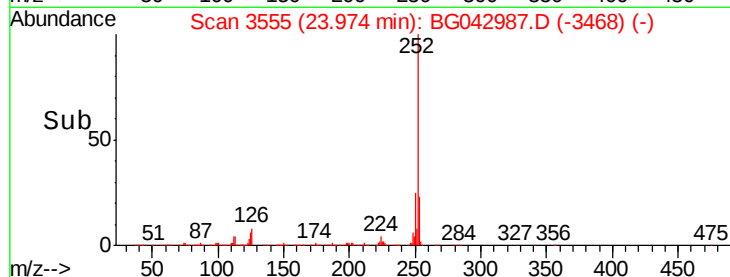
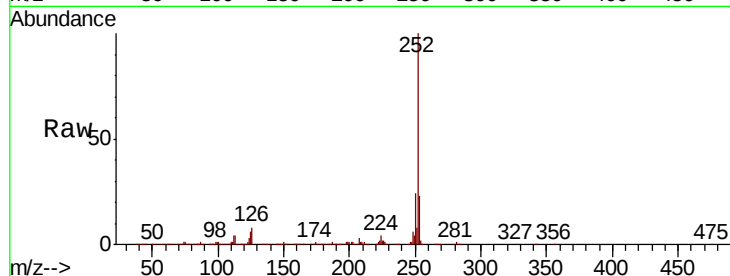
Tot Ion:252 Resp: 1375373

Ion Ratio Lower Upper

252 100

253 23.3 18.9 28.3

125 5.7 4.5 6.7



#90

Benzo(a)pyrene

Concen: 49.245 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BG042987.D

Acq: 2 Oct 2019 16:32

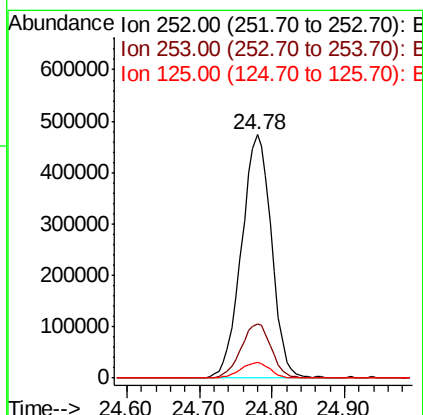
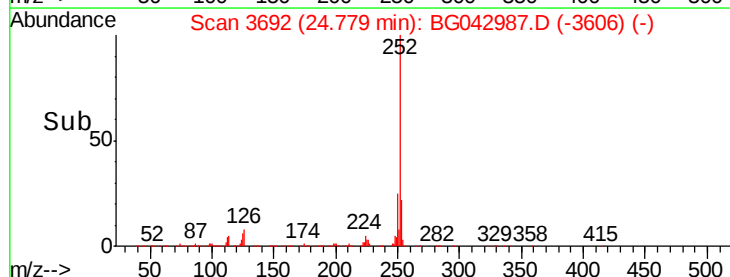
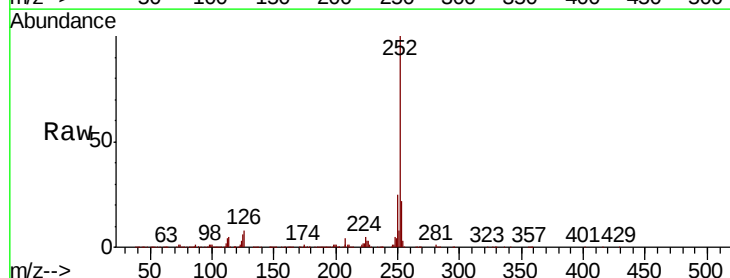
Tgt Ion:252 Resp: 1355760

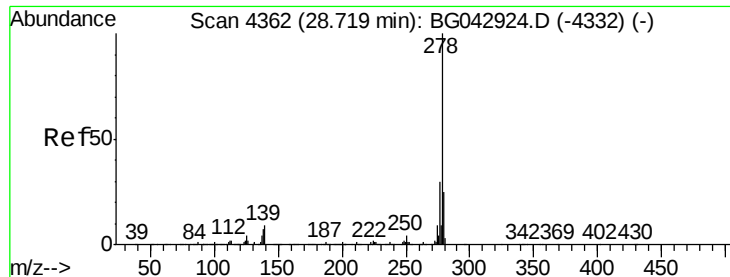
Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 6.2 5.0 7.6



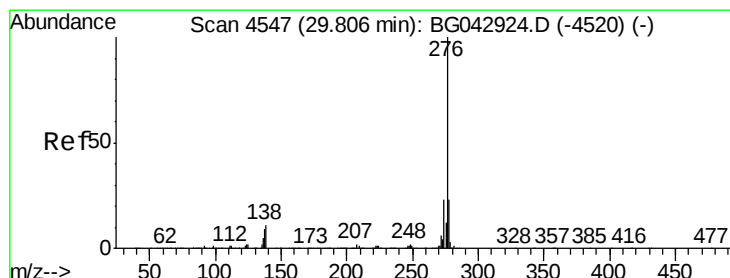
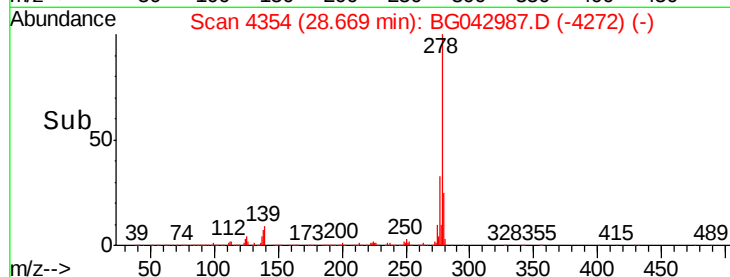
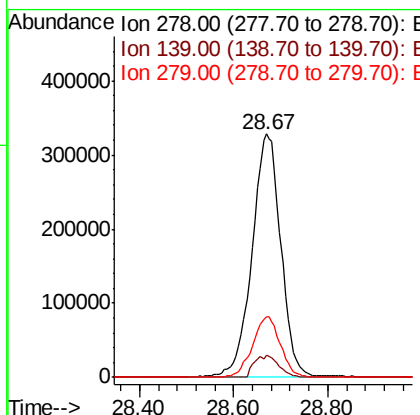
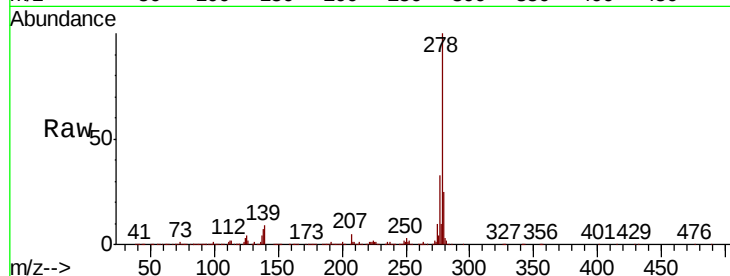


#91
Dibenzo(a,h)anthracene
Concen: 49.683 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.05 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB123559BS

Tot Ion:278 Resp: 1402585

Ion	Ratio	Lower	Upper
278	100		
139	9.0	6.8	10.2
279	25.0	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 49.829 ng
RT: 29.76 min Scan# 4539
Delta R.T. -0.05 min
Lab File: BG042987.D
Acq: 2 Oct 2019 16:32

Tgt Ion:276 Resp: 1362980

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	11.4	8.6	12.8

