

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042886.D
 Acq On : 18 Sep 2019 9:18
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 02:09:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54186	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	221253	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	165807	20.00	ng	-0.02
64) Phenanthrene-d10	17.46	188	398075	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	348333	20.00	ng	-0.02
87) Perylene-d12	25.00	264	368196	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	246690	79.15	ng	0.01
7) Phenol-d6	7.29	99	369490	82.59	ng	0.03
23) Nitrobenzene-d5	9.27	82	391241	92.06	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	214721	97.34	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	932493	89.02	ng	-0.02
79) Terphenyl-d14	20.07	244	1572579	100.06	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	55320	38.892	ng	# 93
3) Pyridine	4.02	79	139813	32.646	ng	85
4) n-Nitrosodimethylamine	3.91	42	85174	40.872	ng	# 77
6) Aniline	7.44	93	231981	38.435	ng	95
8) 2-Chlorophenol	7.68	128	138659	41.157	ng	96
9) Benzaldehyde	7.25	77	104075	35.750	ng	97
10) Phenol	7.32	94	185741	40.486	ng	92
11) bis(2-Chloroethyl)ether	7.53	93	136691	38.822	ng	96
12) 1,3-Dichlorobenzene	7.99	146	169885	41.343	ng	98
13) 1,4-Dichlorobenzene	8.14	146	173122	42.081	ng	98
14) 1,2-Dichlorobenzene	8.46	146	163626	41.783	ng	97
15) Benzyl Alcohol	8.36	79	159012	41.419	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	317602	41.076	ng	98
17) 2-Methylphenol	8.56	107	129577	42.217	ng	98
18) Hexachloroethane	9.19	117	64652	42.566	ng	90
19) n-Nitroso-di-n-propylamine	8.92	70	130543	39.602	ng	# 94
20) 3+4-Methylphenols	8.89	107	181228	42.834	ng	96
22) Acetophenone	8.94	105	228191	40.837	ng	96
24) Nitrobenzene	9.32	77	200867	45.030	ng	99
25) Isophorone	9.86	82	357942	40.408	ng	97
26) 2-Nitrophenol	10.02	139	86878	49.529	ng	95
27) 2,4-Dimethylphenol	10.09	122	131612	42.417	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	196555	39.788	ng	97
29) 2,4-Dichlorophenol	10.57	162	163186	45.258	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	199714	45.367	ng	98
31) Naphthalene	10.96	128	479591	43.902	ng	100
32) Benzoic acid	10.27	122	111401	44.838	ng	95
33) 4-Chloroaniline	11.07	127	220245	43.136	ng	99
34) Hexachlorobutadiene	11.25	225	145330	47.118	ng	99
35) Caprolactam	11.92	113	55124	41.112	ng	# 90
36) 4-Chloro-3-methylphenol	12.21	107	174677	44.618	ng	96
37) 2-Methylnaphthalene	12.56	142	370804	45.314	ng	97
38) 1-Methylnaphthalene	12.56	142	370804	48.314	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	245838	44.869	ng	98

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 02:09:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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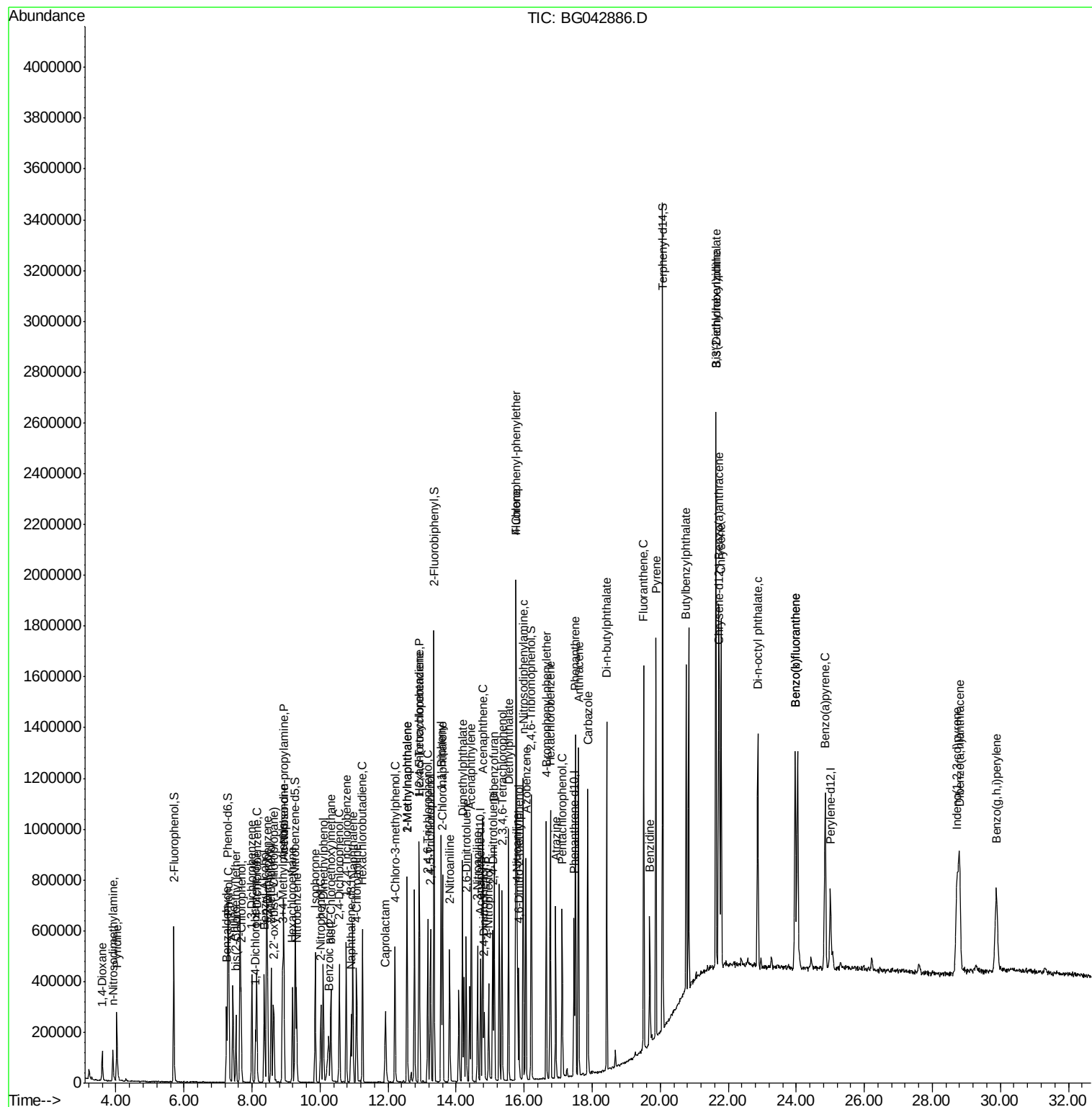
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	164040	52.262	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	166798	45.727	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	170178	45.548	ng	97
46) 1,1'-Biphenyl	13.56	154	502884	43.324	ng	100
47) 2-Chloronaphthalene	13.60	162	414456	43.163	ng	97
48) 2-Nitroaniline	13.81	65	156136	46.875	ng	96
49) Acenaphthylene	14.44	152	638548	43.517	ng	99
50) Dimethylphthalate	14.19	163	542763	43.697	ng	99
51) 2,6-Dinitrotoluene	14.30	165	117312	46.029	ng	97
52) Acenaphthene	14.79	154	395866	41.295	ng	95
53) 3-Nitroaniline	14.63	138	124809	43.633	ng	99
54) 2,4-Dinitrophenol	14.83	184	71480	56.971	ng	# 71
55) Dibenzofuran	15.12	168	635545	44.603	ng	98
56) 4-Nitrophenol	14.96	139	86343	39.040	ng	93
57) 2,4-Dinitrotoluene	15.08	165	172990	50.922	ng	97
58) Fluorene	15.77	166	542310	45.924	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	171055	47.228	ng	99
60) Diethylphthalate	15.54	149	548742	43.522	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	326583	46.774	ng	99
62) 4-Nitroaniline	15.80	138	133852	43.412	ng	85
63) Azobenzene	16.05	77	518316	42.690	ng	96
65) 4,6-Dinitro-2-methylphenol	15.84	198	99664	58.512	ng	91
66) n-Nitrosodiphenylamine	15.97	169	471353	44.003	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	214894	44.601	ng	99
68) Hexachlorobenzene	16.77	284	235238	45.691	ng	96
69) Atrazine	16.93	200	132237	35.450	ng	97
70) Pentachlorophenol	17.12	266	130243	42.644	ng	96
71) Phenanthrene	17.51	178	841560	44.205	ng	98
72) Anthracene	17.60	178	830603	43.671	ng	100
73) Carbazole	17.87	167	748246	41.392	ng	98
74) Di-n-butylphthalate	18.43	149	887618	40.990	ng	99
75) Fluoranthene	19.52	202	1018625	41.285	ng	98
77) Benzidine	19.69	184	320758	32.959	ng	100
78) Pyrene	19.87	202	1007379	46.193	ng	99
80) Butylbenzylphthalate	20.76	149	366893	41.570	ng	99
81) Benzo(a)anthracene	21.72	228	951791	42.975	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	358816	41.689	ng	99
83) Chrysene	21.79	228	919176	43.815	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	479075	39.726	ng	# 97
85) Di-n-octyl phthalate	22.87	149	762403	37.085	ng	98
86) Indeno(1,2,3-cd)pyrene	28.73	276	970665	37.363	ng	# 87
88) Benzo(b)fluoranthene	23.97	252	907607	41.981	ng	98
89) Benzo(k)fluoranthene	23.97	252	907607	44.442	ng	99
90) Benzo(a)pyrene	24.86	252	860129	42.488	ng	# 98
91) Dibenzo(a,h)anthracene	28.80	278	832317	41.802	ng	# 96
92) Benzo(g,h,i)perylene	29.89	276	748439	38.538	ng	# 93

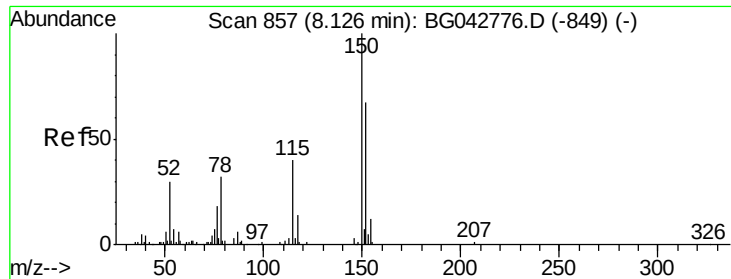
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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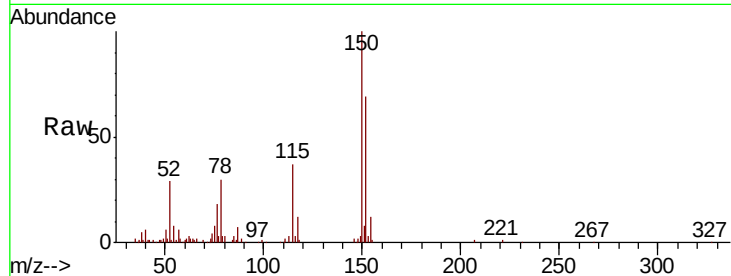


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	118.9	178.3
115	53.6	47.4	71.2

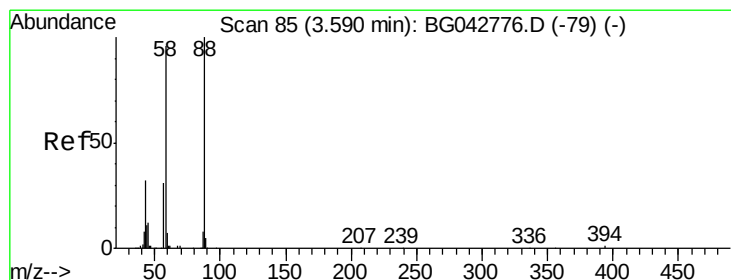
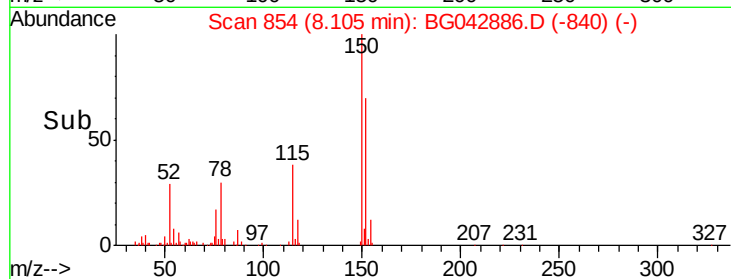
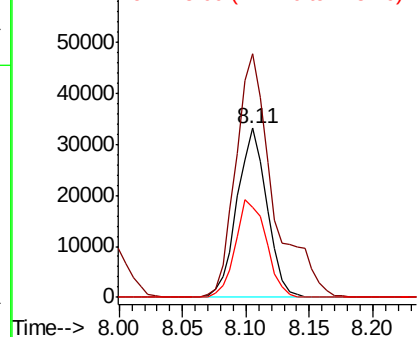


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

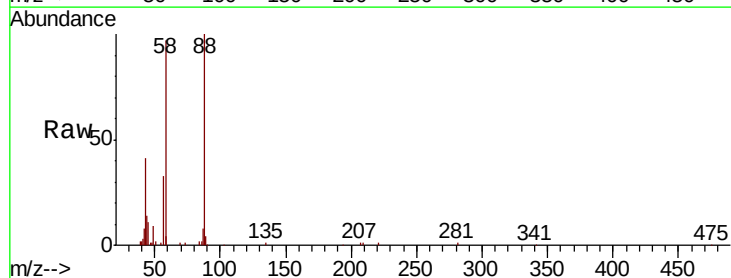
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.892 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.2	79.1	118.7
43	46.0	30.4	45.6

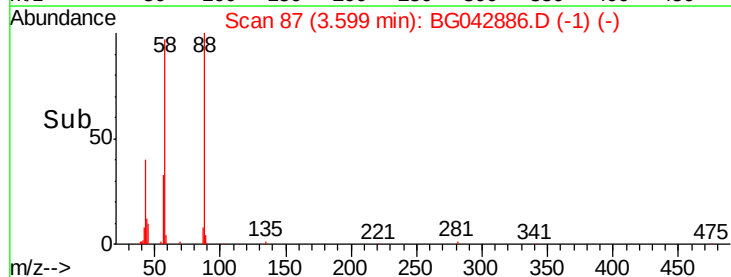
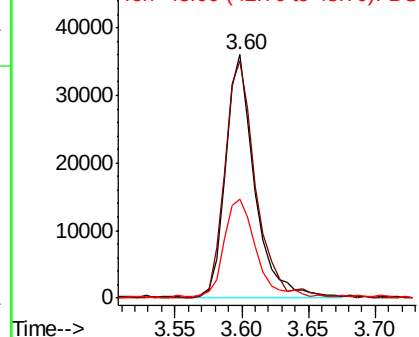


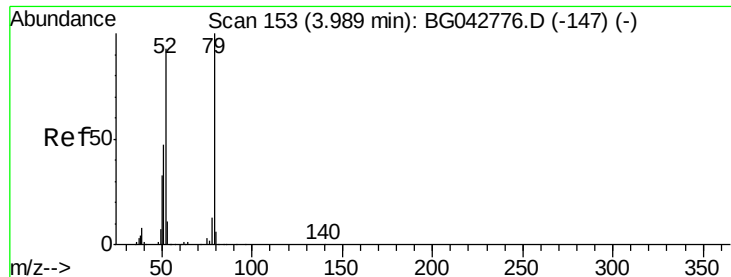
Abundance

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: 32.646 ng

RT: 4.02 min Scan# 159

Delta R.T. 0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

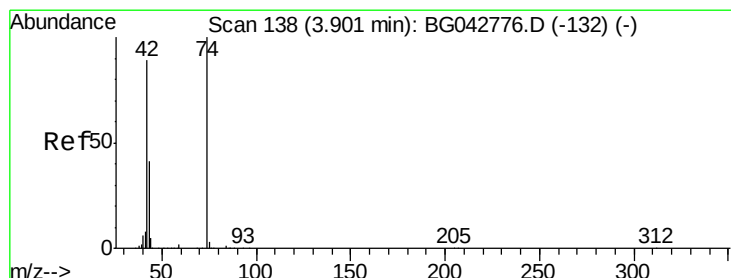
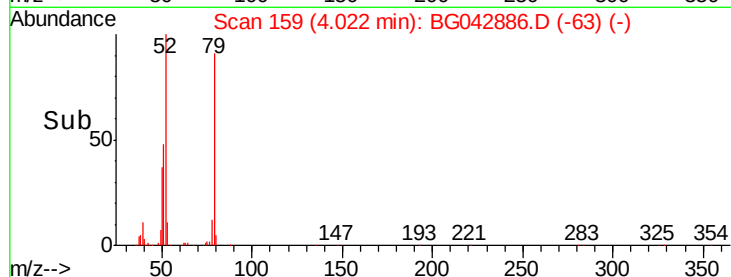
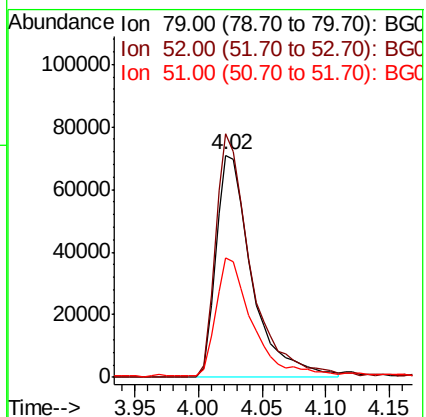
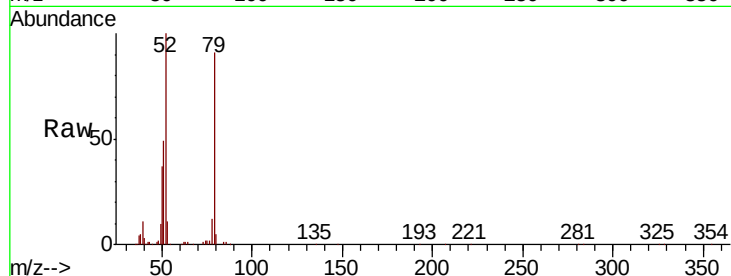
Tot Ion: 79 Resp: 139813

Ion Ratio Lower Upper

79 100

52 109.8 74.0 111.0

51 53.9 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.872 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

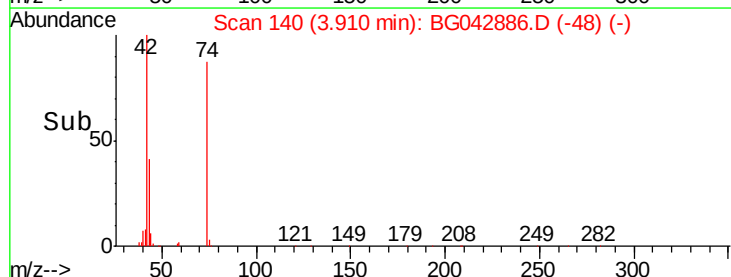
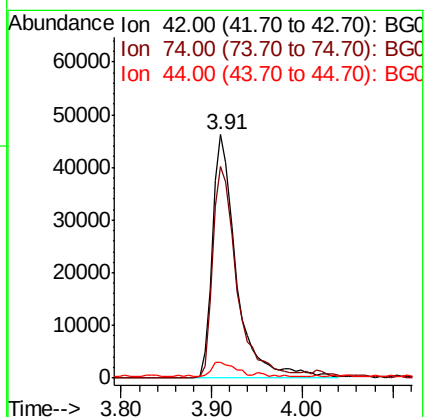
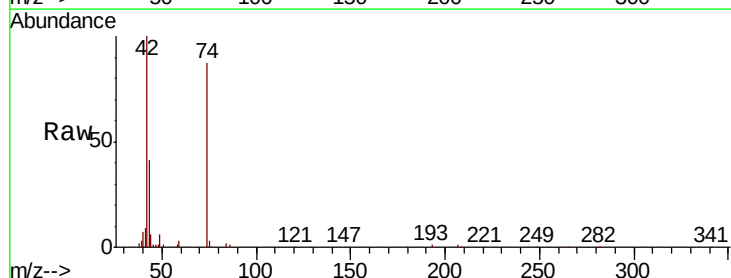
Tgt Ion: 42 Resp: 85174

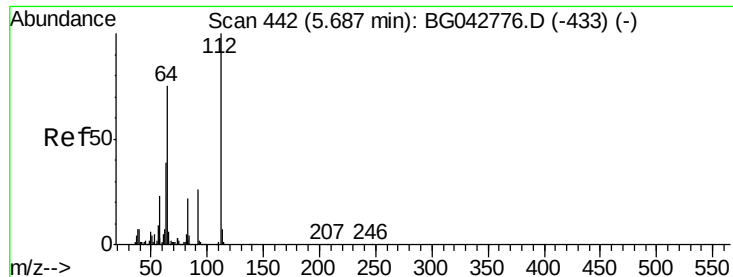
Ion Ratio Lower Upper

42 100

74 86.9 90.2 135.2#

44 6.4 6.6 9.8#





#5

2-Fluorophenol

Concen: 79.150 ng

RT: 5.70 min Scan# 445

Delta R.T. 0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

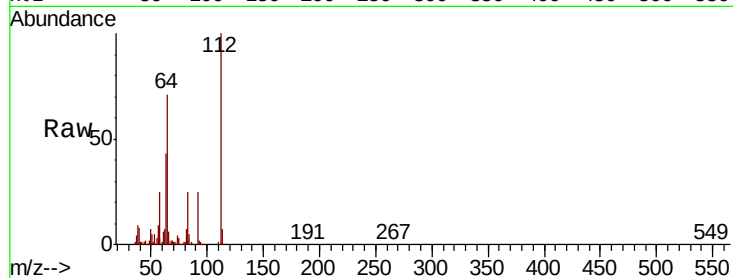
Tot Ion:112 Resp: 246690

Ion Ratio Lower Upper

112 100

64 71.4 60.2 90.2

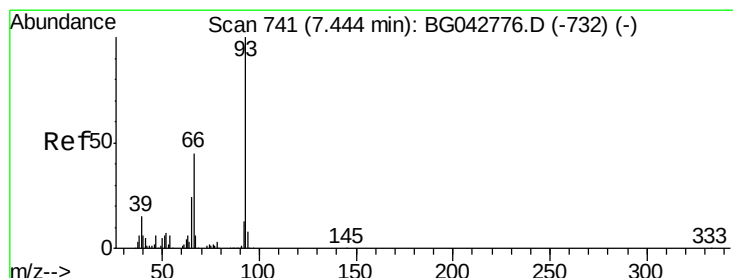
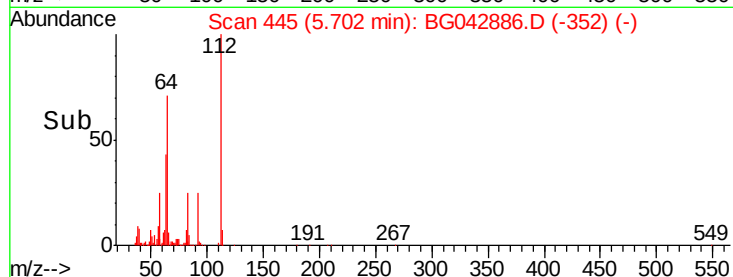
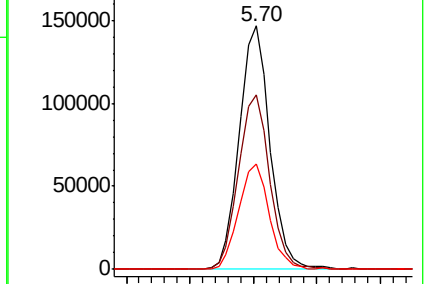
63 43.3 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.435 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

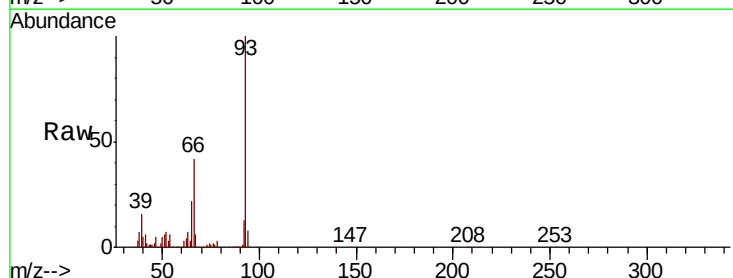
Tgt Ion: 93 Resp: 231981

Ion Ratio Lower Upper

93 100

66 42.2 36.3 54.5

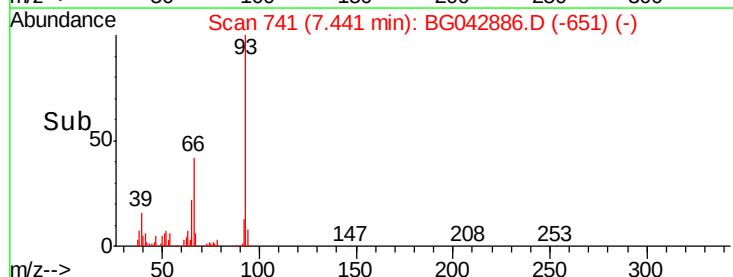
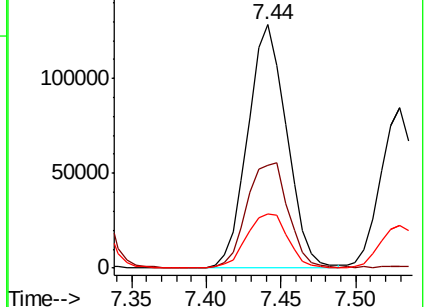
65 22.0 19.3 28.9

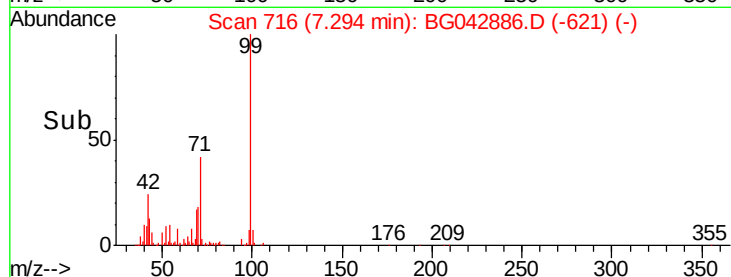
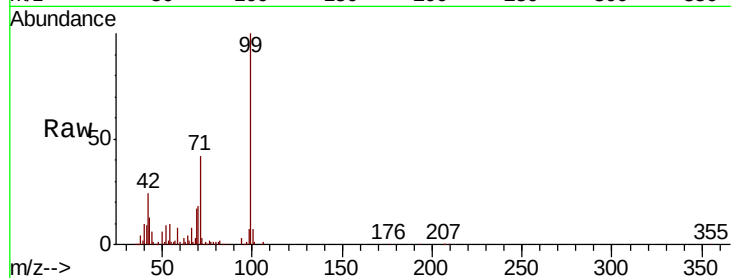
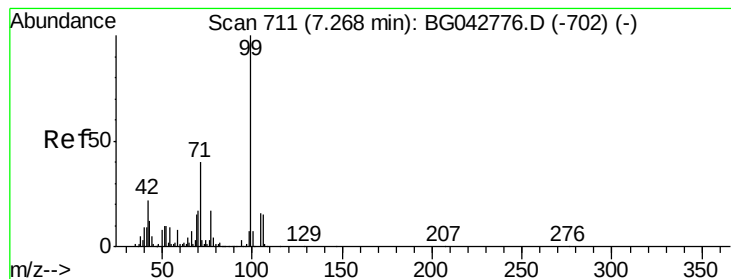


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.594 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampled :

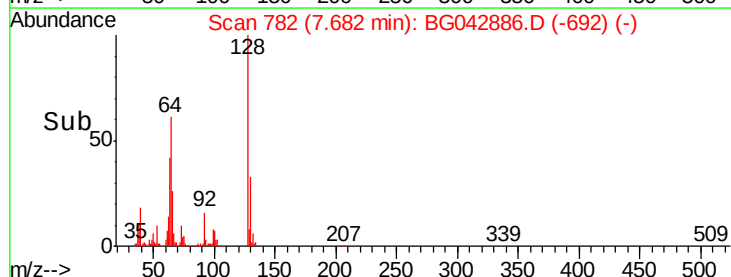
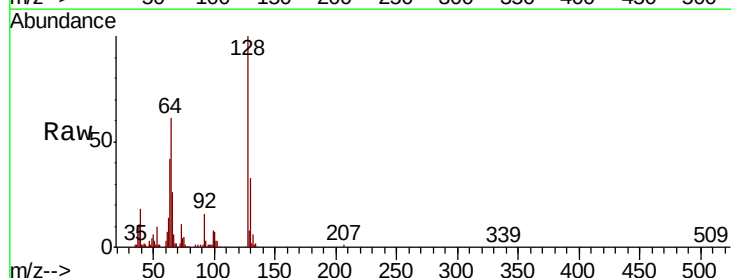
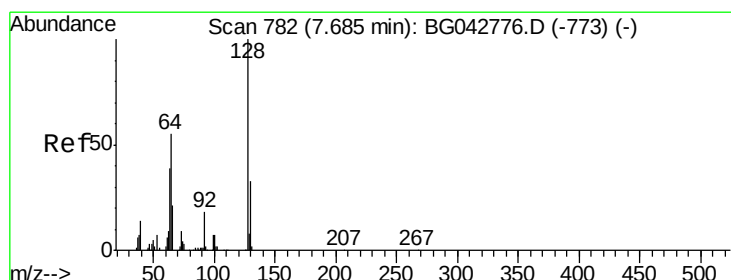
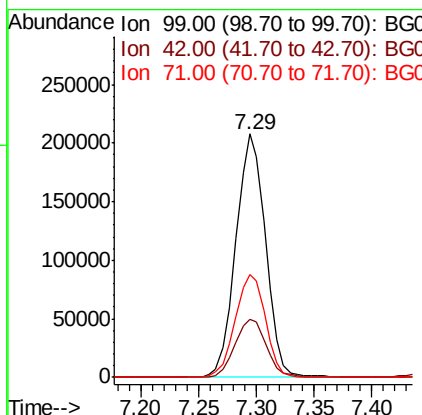
Tot Ion: 99 Resp: 369490

Ion Ratio Lower Upper

99 100

42 23.8 17.5 26.3

71 42.1 32.0 48.0



#8

2-Chlorophenol

Concen: 41.157 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

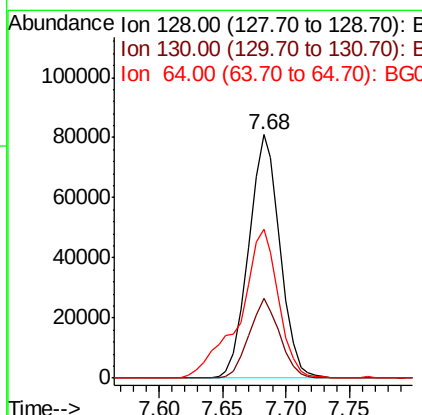
Tgt Ion: 128 Resp: 138659

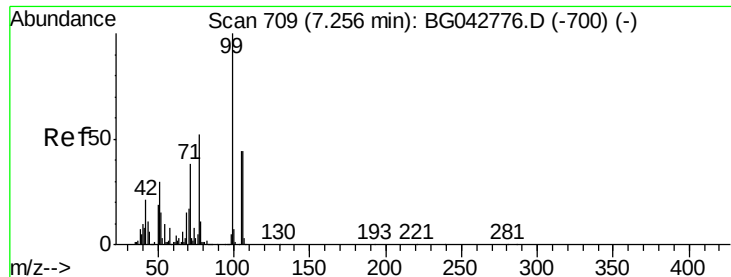
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 61.2 36.8 76.8





#9

Benzaldehyde

Concen: 35.750 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

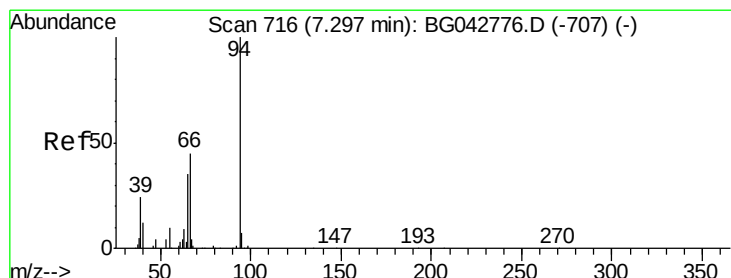
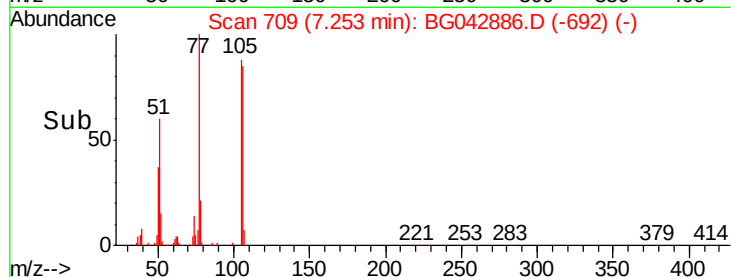
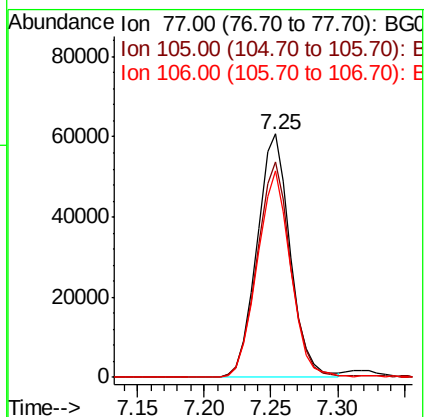
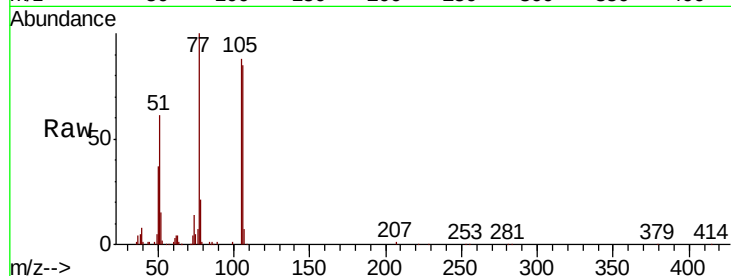
Tot Ion: 77 Resp: 104075

Ion Ratio Lower Upper

77 100

105 88.4 64.5 104.5

106 85.1 63.4 103.4



#10

Phenol

Concen: 40.486 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

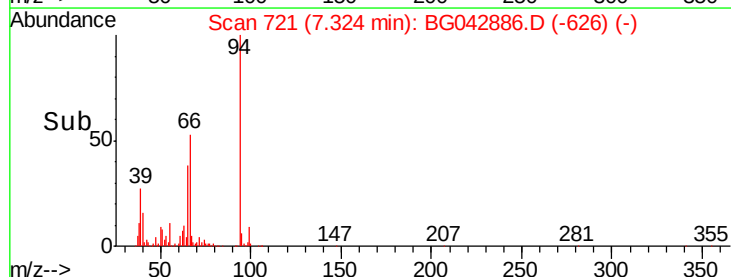
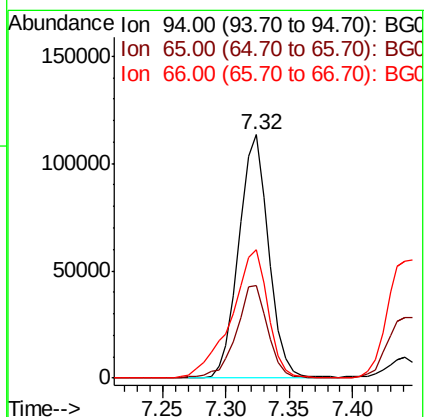
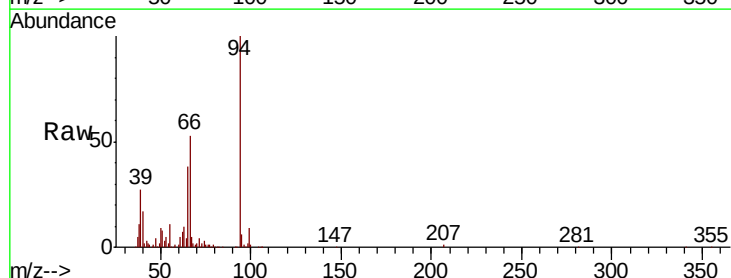
Tgt Ion: 94 Resp: 185741

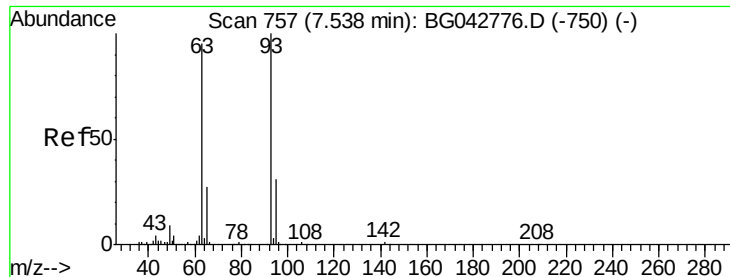
Ion Ratio Lower Upper

94 100

65 37.9 15.0 55.0

66 52.8 26.1 66.1

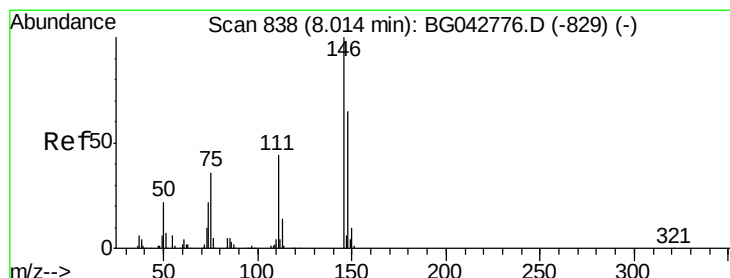
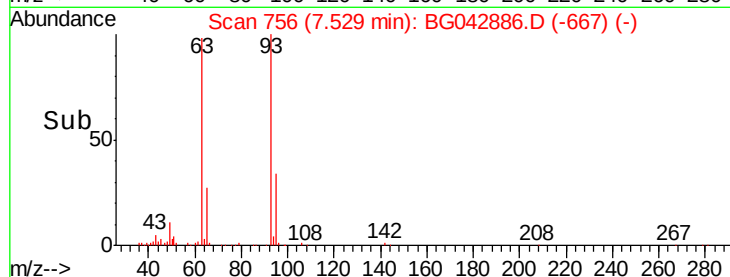
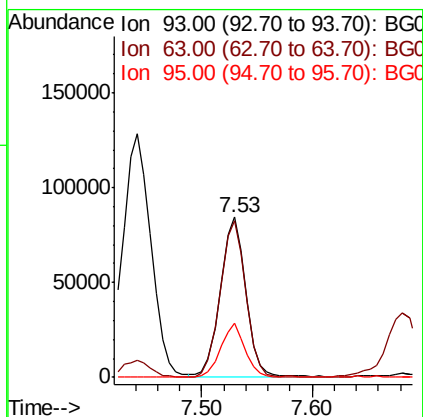
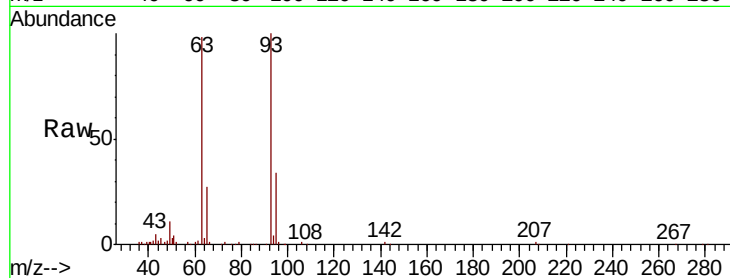




#11
 bis(2-Chloroethyl)ether
 Concen: 38.822 ng
 RT: 7.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

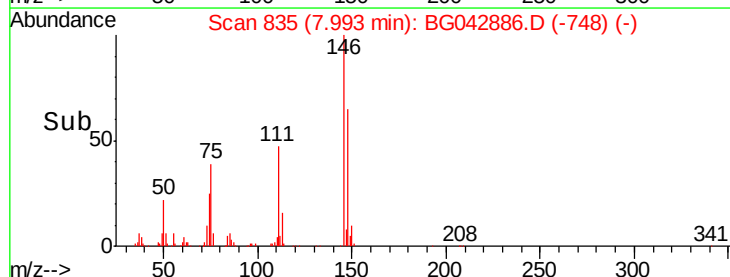
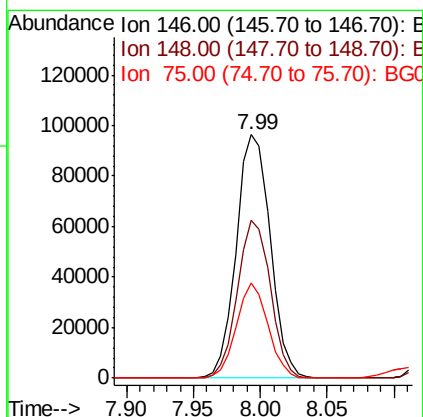
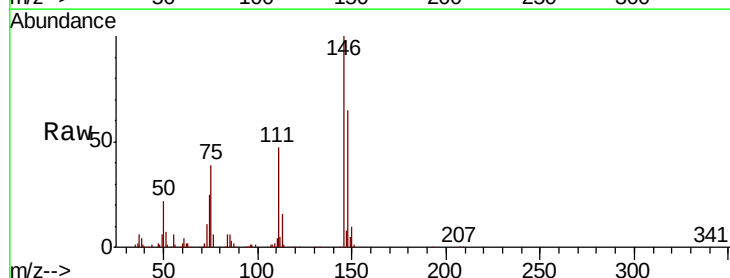
Instrument :
 BNA_G
 ClientSampleId :

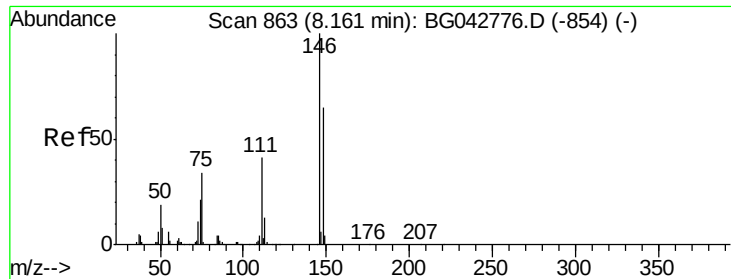
Tot Ion: 93 Resp: 136691
 Ion Ratio Lower Upper
 93 100
 63 97.7 74.7 114.7
 95 34.3 11.1 51.1



#12
 1,3-Dichlorobenzene
 Concen: 41.343 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion: 146 Resp: 169885
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 75 38.9 28.4 42.6

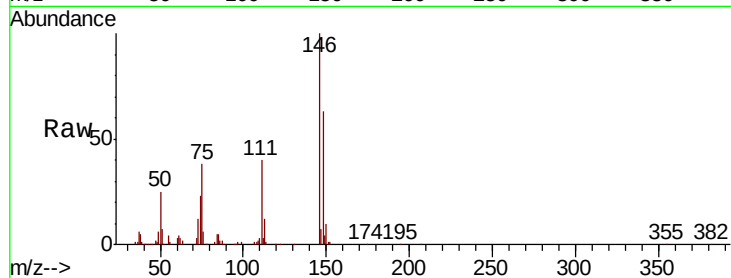




#13
 1,4-Dichlorobenzene
 Concen: 42.081 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.4
111	39.6	32.6	49.0

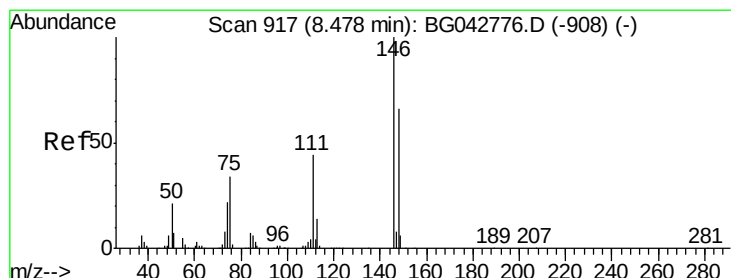
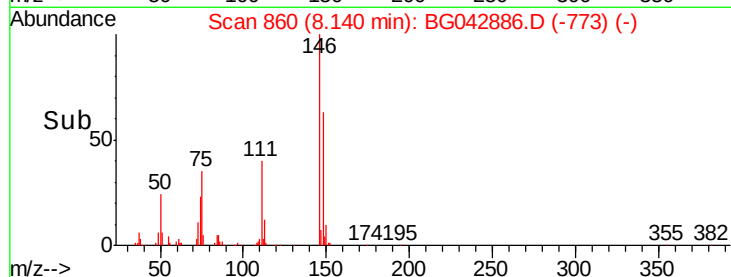
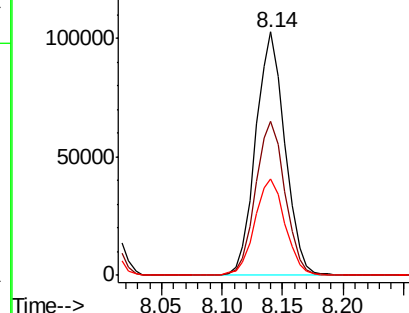


Abundance

Ion 146.00 (145.70 to 146.70): E

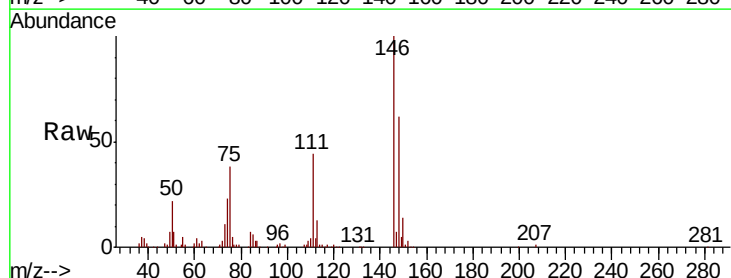
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.783 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.6	78.8
111	44.4	35.3	52.9

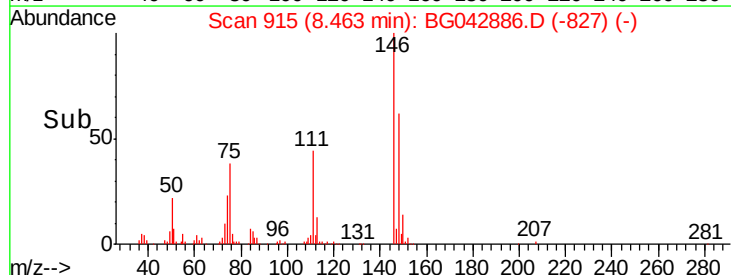
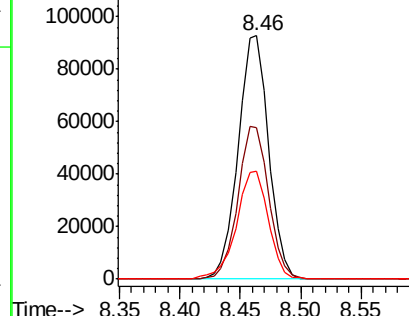


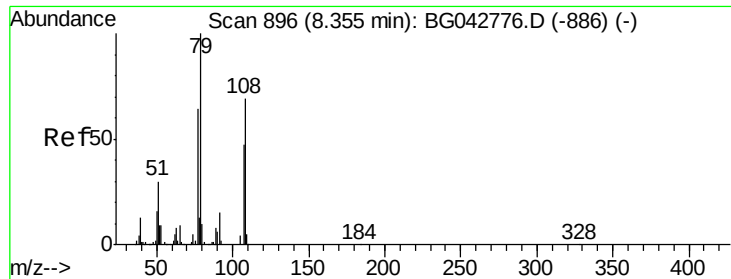
Abundance

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: 41.419 ng

RT: 8.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampled :

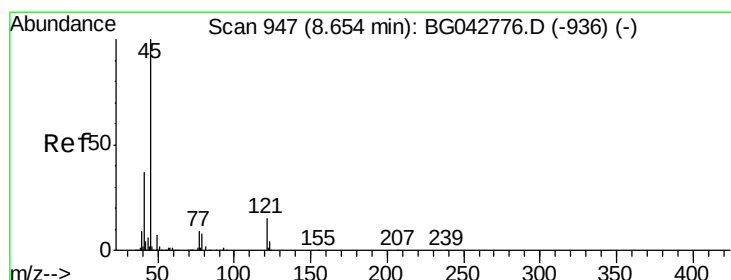
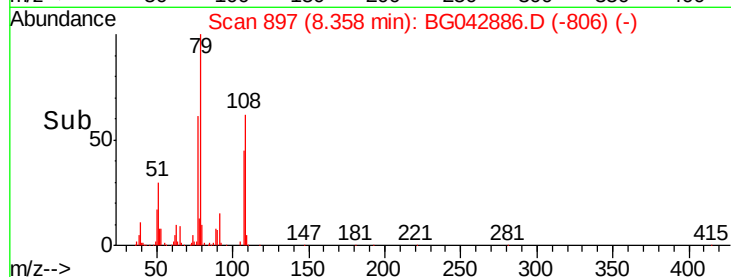
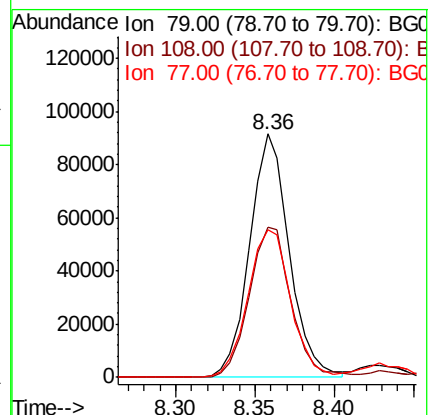
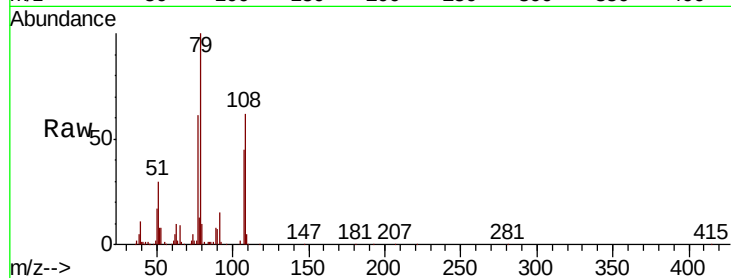
Tot Ion: 79 Resp: 159012

Ion Ratio Lower Upper

79 100

108 61.5 54.9 82.3

77 60.6 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.076 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

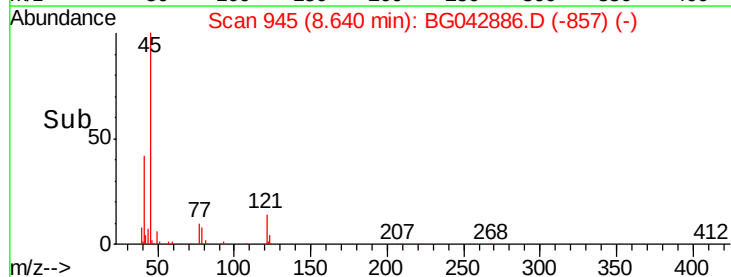
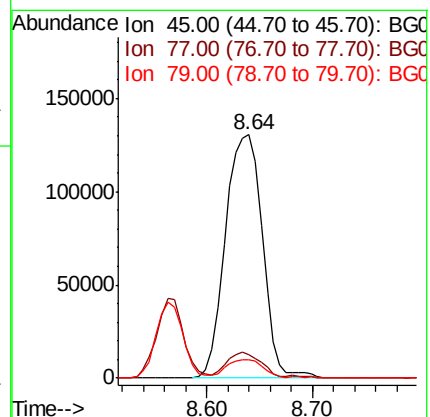
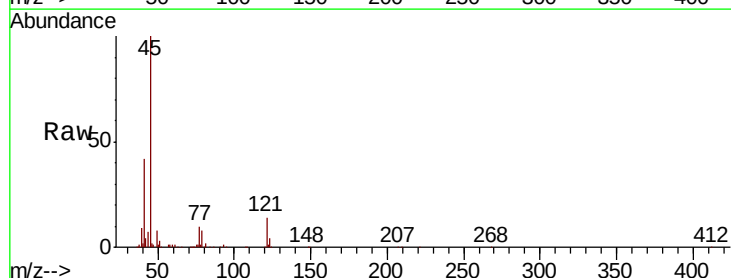
Tgt Ion: 45 Resp: 317602

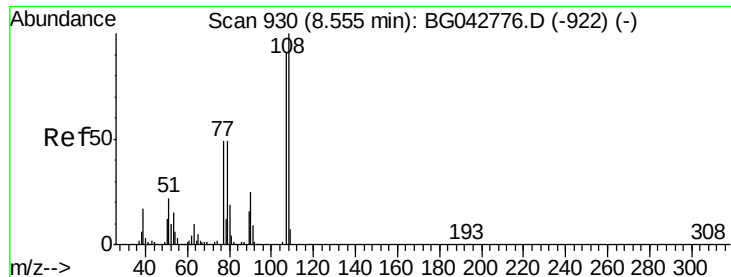
Ion Ratio Lower Upper

45 100

77 9.8 0.0 29.4

79 7.6 0.0 28.4





#17

2-Methylphenol

Concen: 42.217 ng

RT: 8.56 min Scan# 932

Delta R.T. 0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 129577

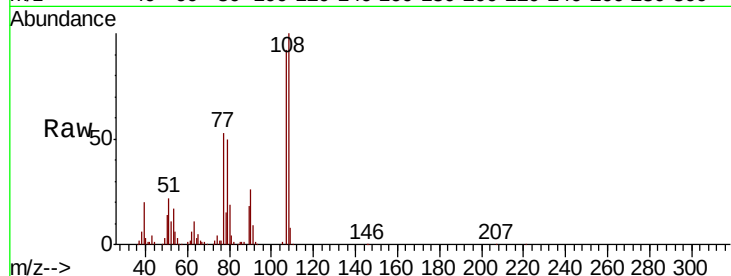
Ion Ratio Lower Upper

107 100

108 109.2 87.7 131.5

77 57.6 42.6 64.0

79 54.6 43.4 65.2



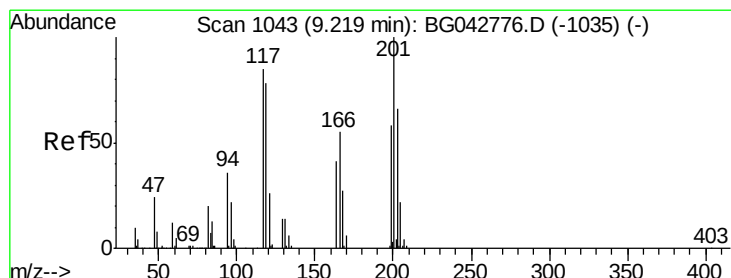
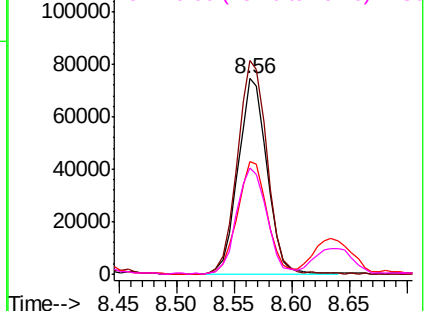
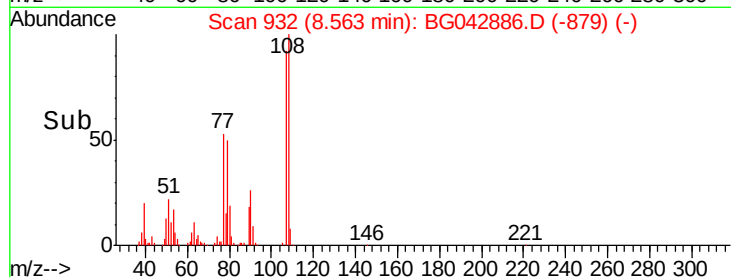
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.566 ng

RT: 9.19 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

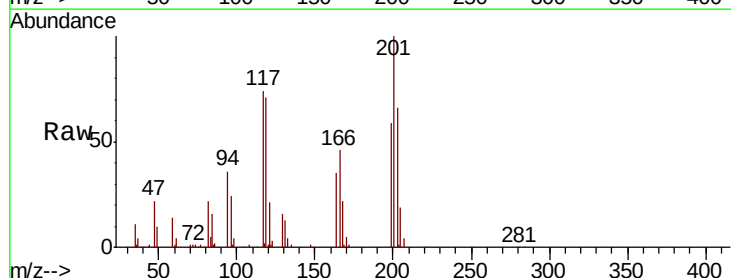
Tgt Ion:117 Resp: 64652

Ion Ratio Lower Upper

117 100

119 95.1 73.8 110.8

201 134.5 94.6 142.0

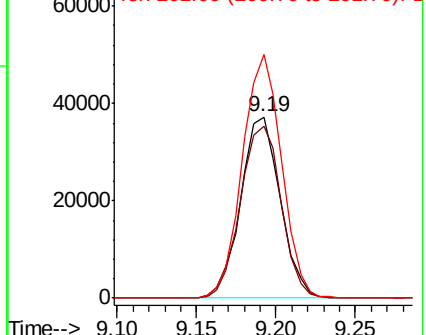
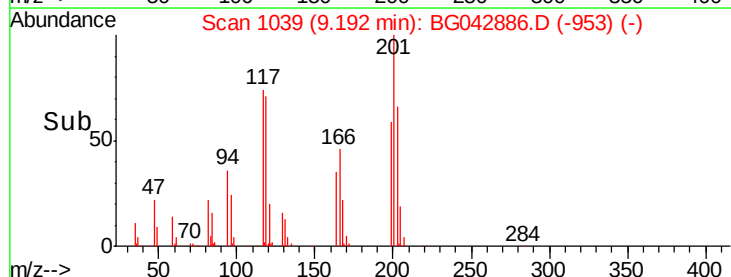


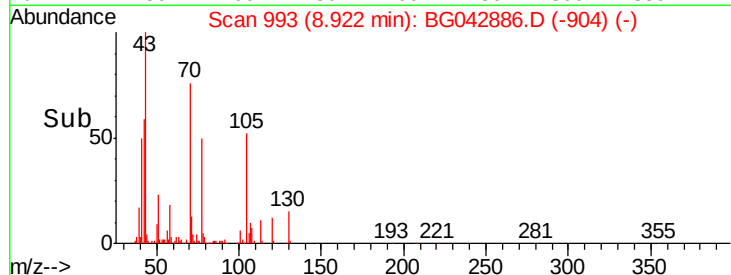
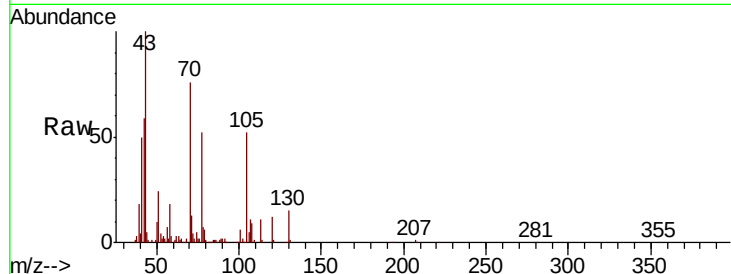
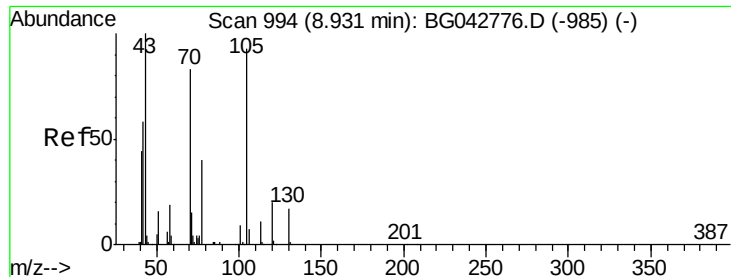
Abundance

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

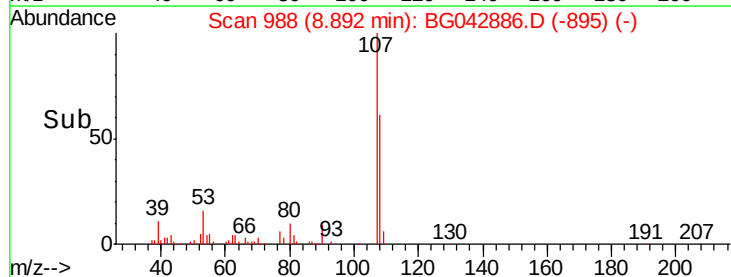
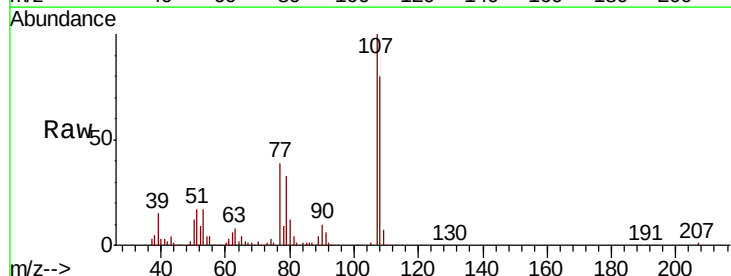
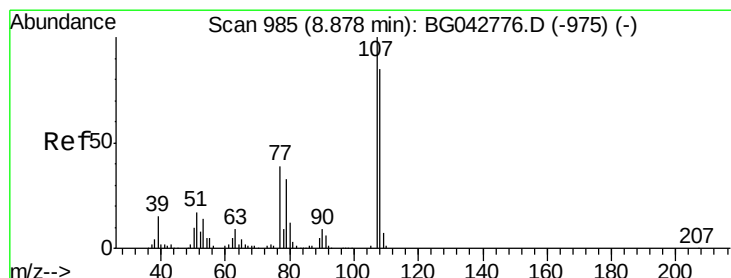
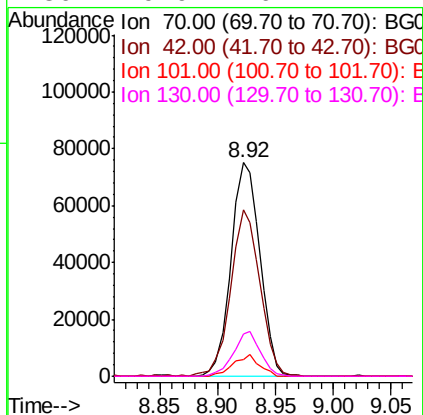




#19
n-Nitroso-di-n-propylamine
Concen: 39.602 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

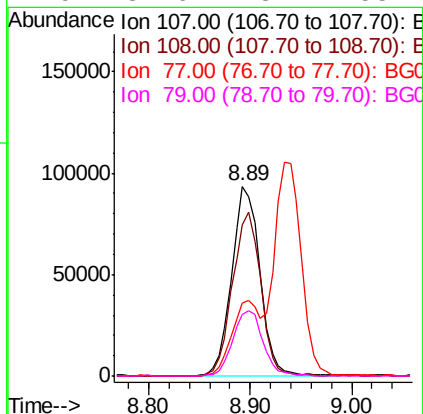
Instrument :
BNA_G
ClientSampled :

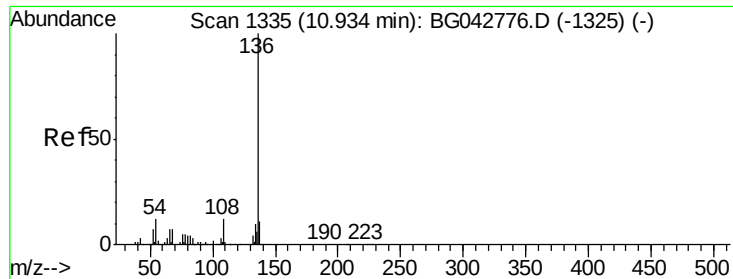
Tot Ion:	70	Resp:	130543
Ion	Ratio	Lower	Upper
70	100		
42	77.7	57.0	85.6
101	7.7	8.4	12.6
130	19.9	16.1	24.1



#20
3+4-Methylphenols
Concen: 42.834 ng
RT: 8.89 min Scan# 988
Delta R.T. 0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion:	107	Resp:	181228
Ion	Ratio	Lower	Upper
107	100		
108	79.7	65.4	105.4
77	38.6	18.7	58.7
79	32.6	13.7	53.7

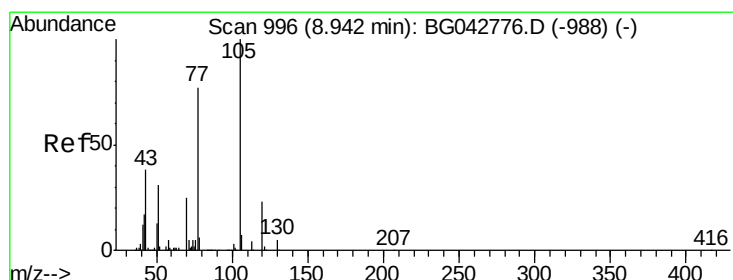
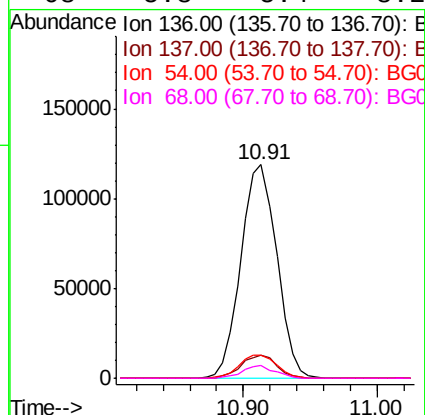
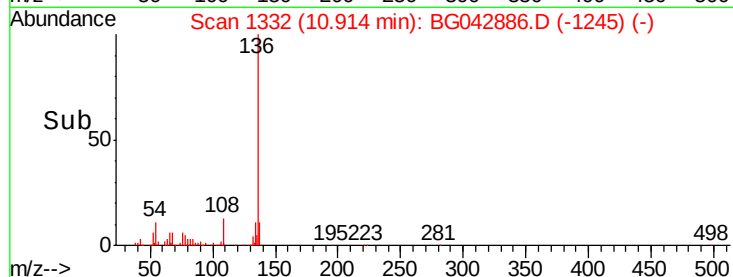
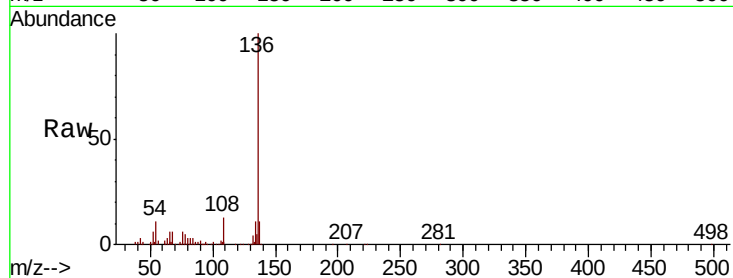




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

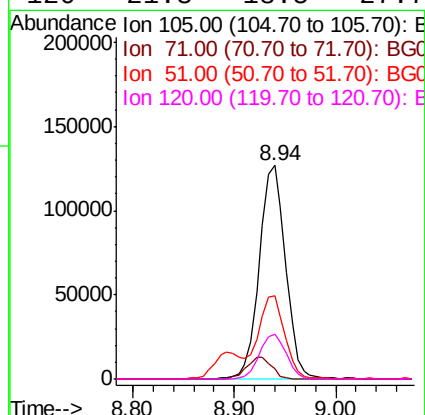
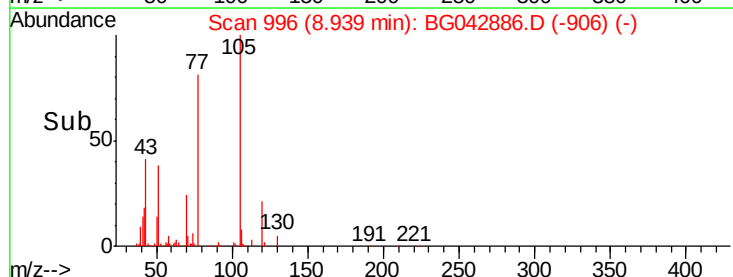
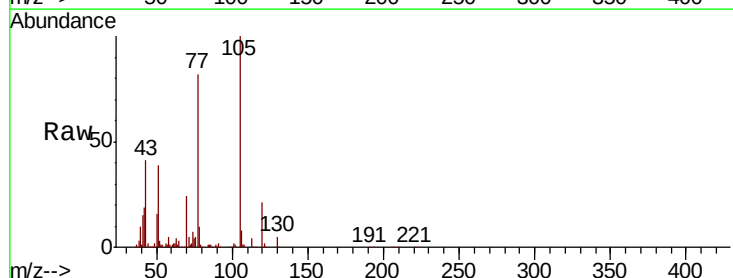
Instrument :
BNA_G
ClientSampleId :

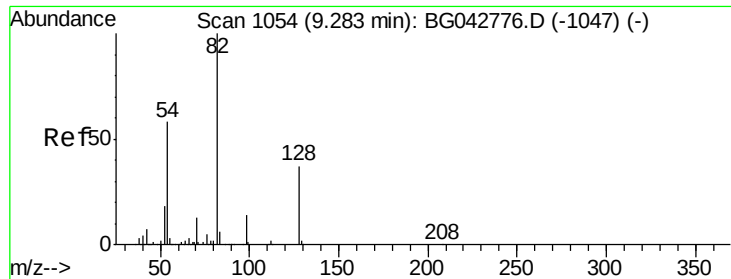
Tot Ion:136	Resp:	221253
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	11.1	9.4 14.0
68	5.8	5.4 8.2



#22
Acetophenone
Concen: 40.837 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion:105	Resp:	228191
Ion Ratio	Lower	Upper
105	100	
71	4.8	3.7 5.5
51	39.1	28.8 43.2
120	21.3	18.5 27.7

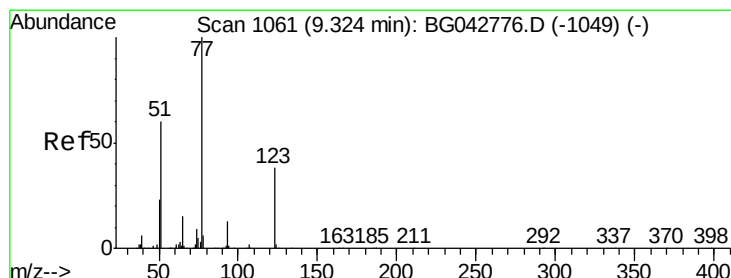
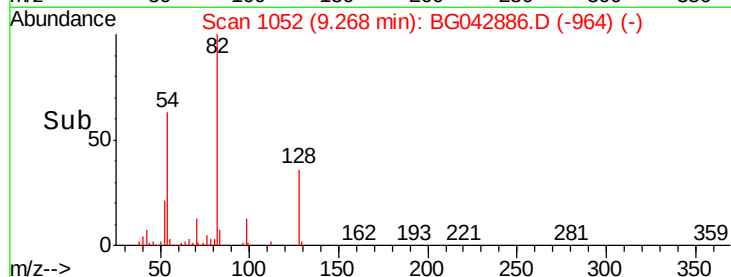
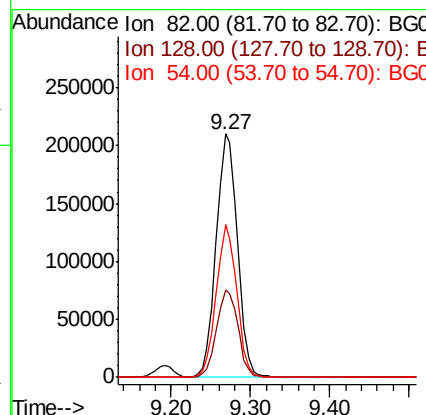
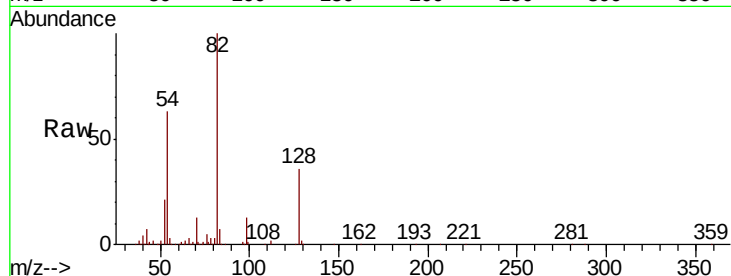




#23
 Nitrobenzene-d5
 Concen: 92.062 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

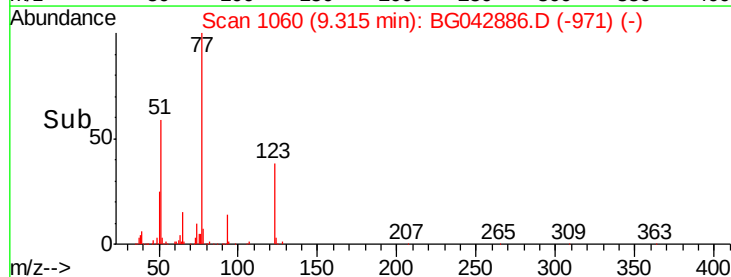
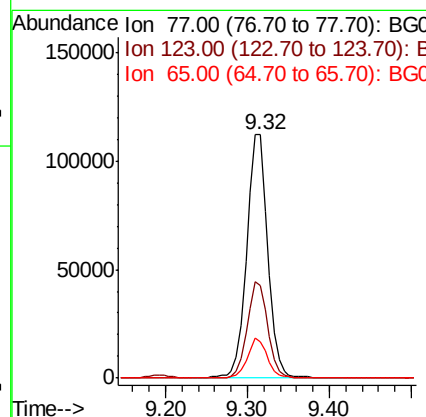
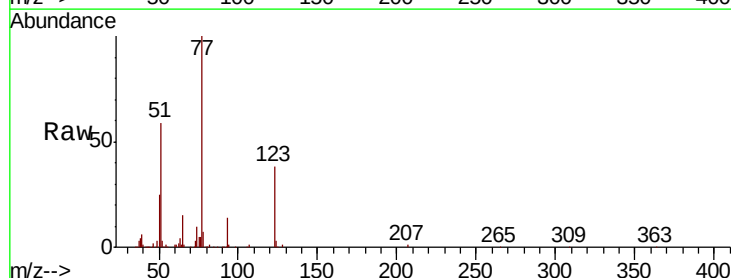
Instrument :
 BNA_G
 ClientSampleId :

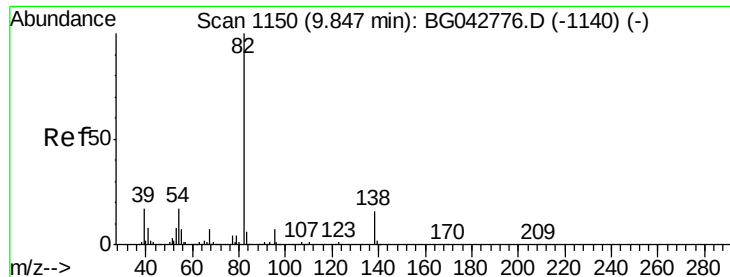
Tot Ion: 82 Resp: 391241
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.8 44.8
 54 62.9 46.1 69.1



#24
 Nitrobenzene
 Concen: 45.030 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion: 77 Resp: 200867
 Ion Ratio Lower Upper
 77 100
 123 37.9 30.7 46.1
 65 15.1 12.2 18.4





#25

Isophorone

Concen: 40.408 ng

RT: 9.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

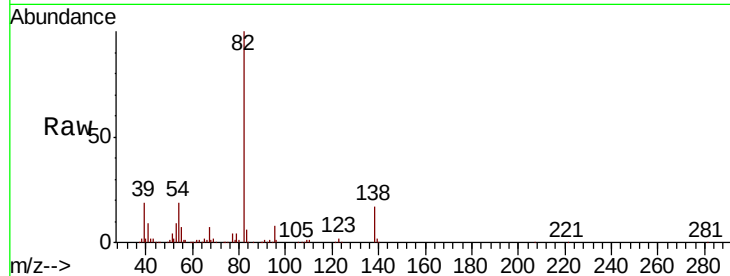
Tot Ion: 82 Resp: 357942

Ion Ratio Lower Upper

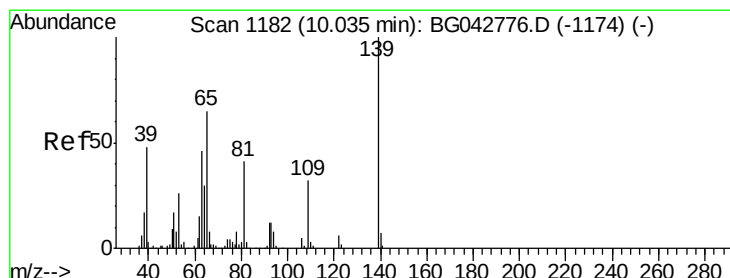
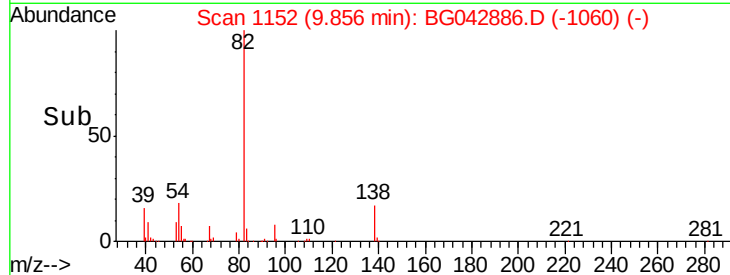
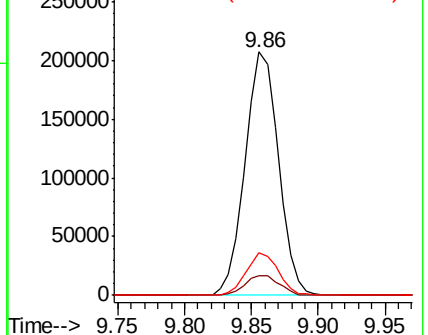
82 100

95 8.0 5.8 8.8

138 17.3 12.9 19.3



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: 49.529 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

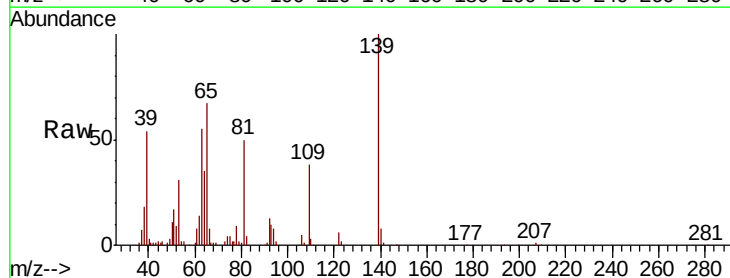
Tgt Ion: 139 Resp: 86878

Ion Ratio Lower Upper

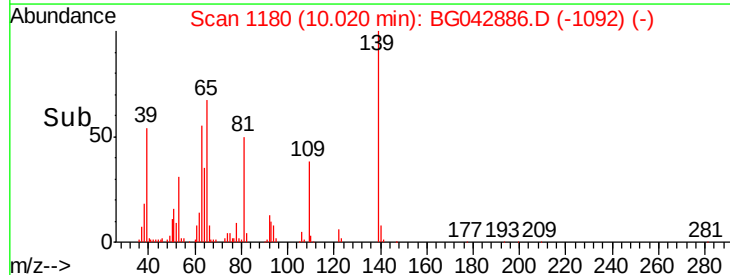
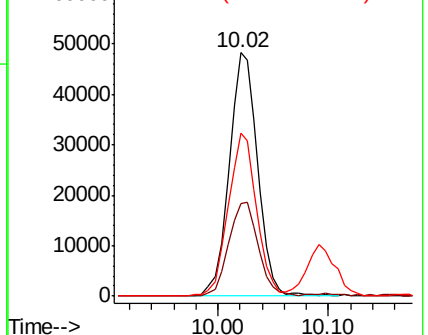
139 100

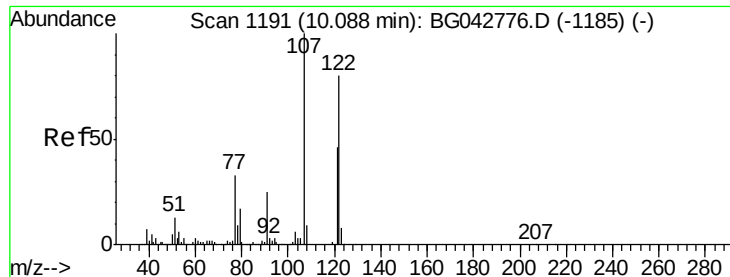
109 38.2 25.8 38.8

65 67.1 52.2 78.2



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

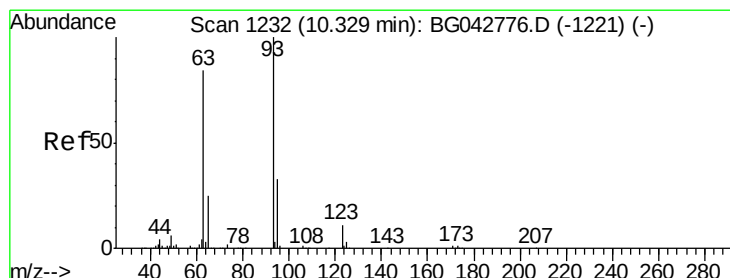
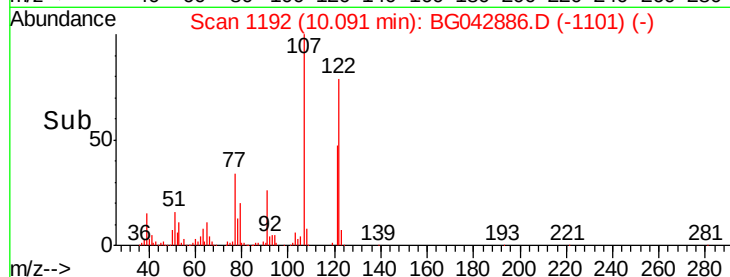
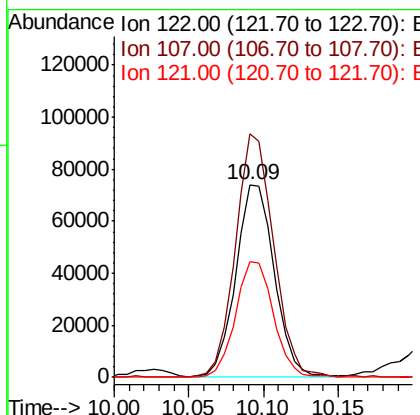
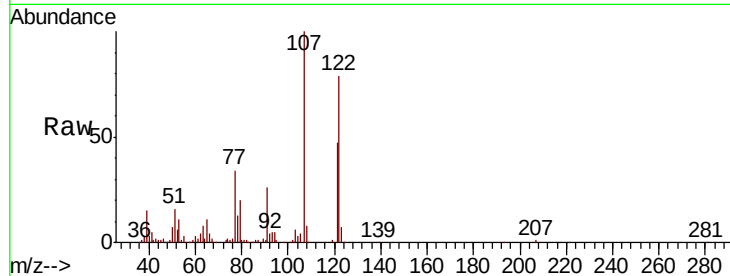




#27
 2,4-Dimethylphenol
 Concen: 42.417 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

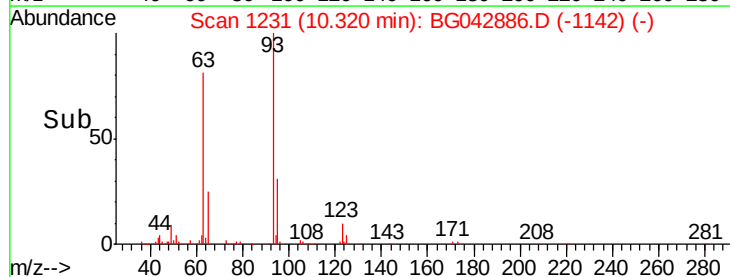
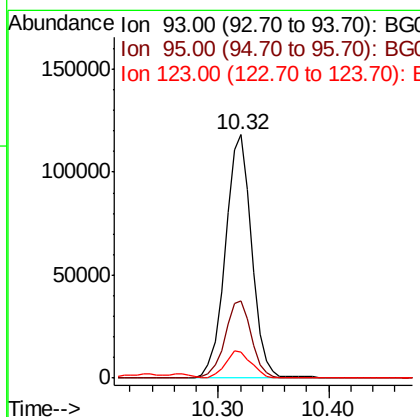
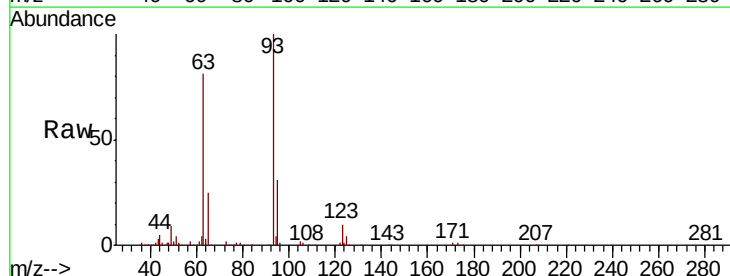
Instrument :
 BNA_G
 ClientSampleId :

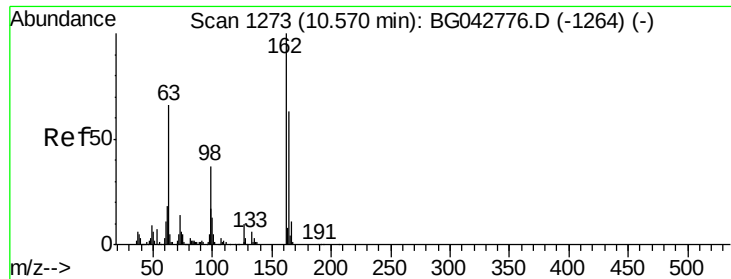
Tot Ion:122 Resp: 131612
 Ion Ratio Lower Upper
 122 100
 107 126.4 98.9 148.3
 121 59.8 46.2 69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.788 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion: 93 Resp: 196555
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.6 40.0
 123 10.4 9.0 13.6

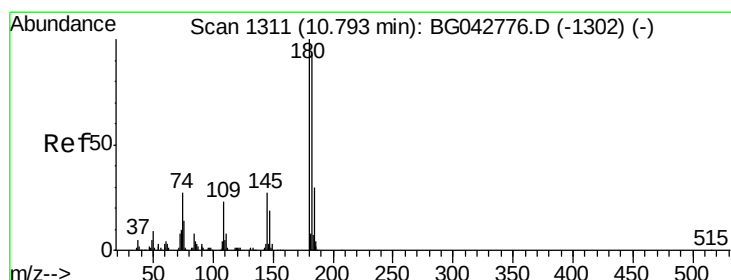
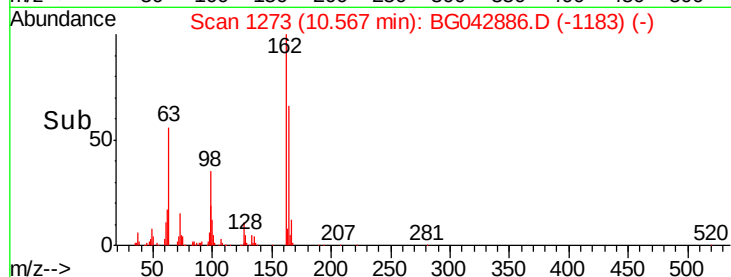
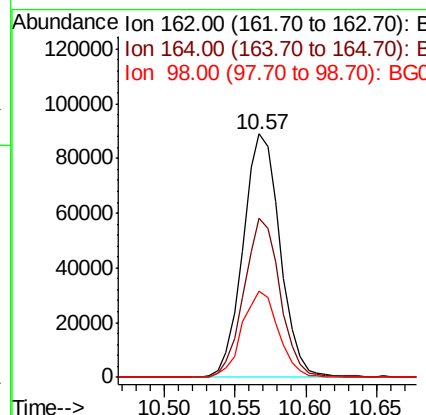
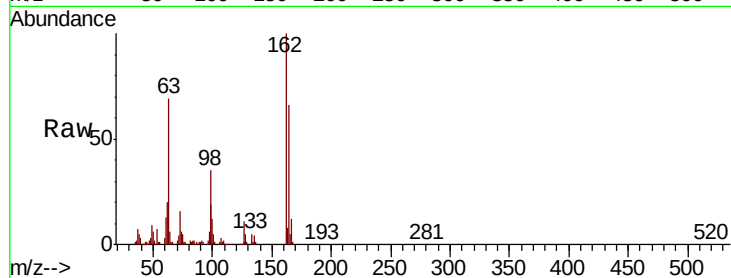




#29
 2,4-Dichlorophenol
 Concen: 45.258 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

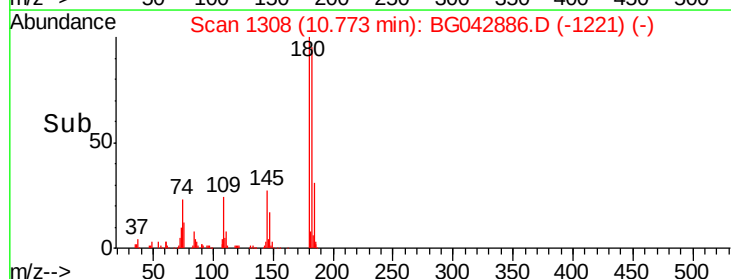
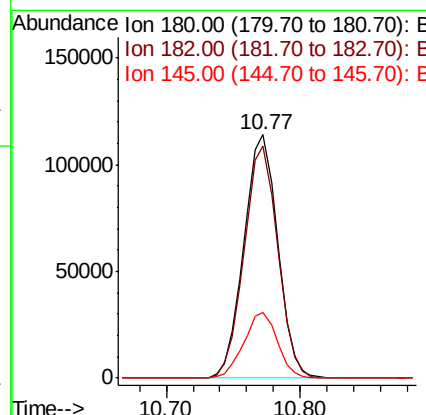
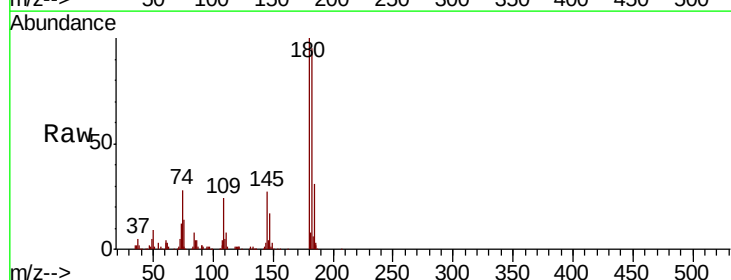
Instrument :
 BNA_G
 ClientSampled :

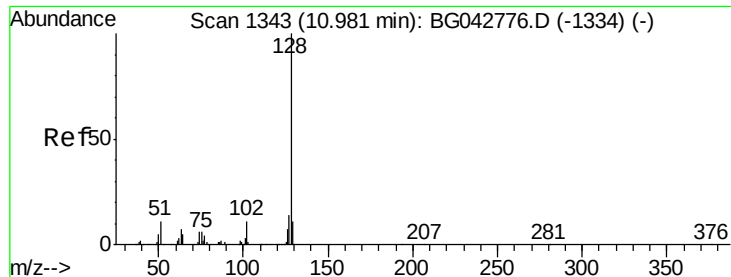
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	43.4	83.4
98	35.4	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.367 ng
 RT: 10.77 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.6	112.0
145	26.8	21.8	32.6

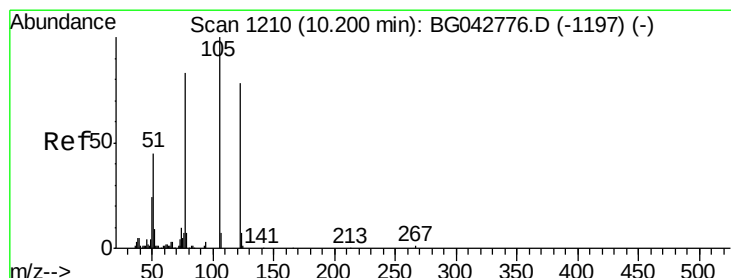
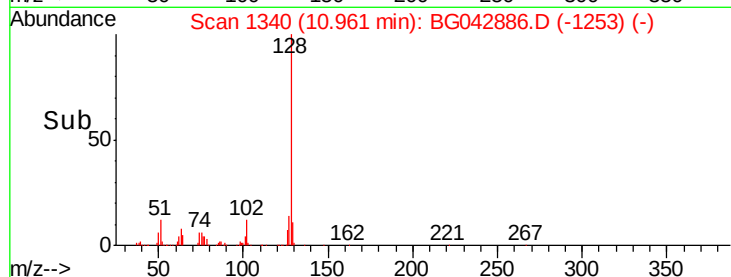
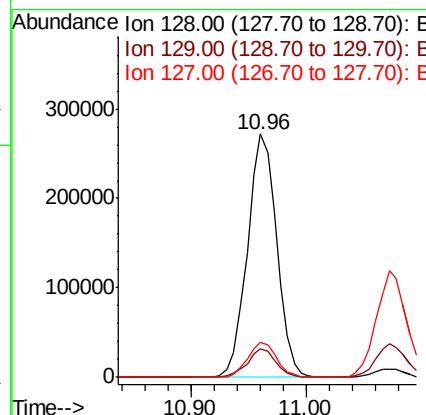
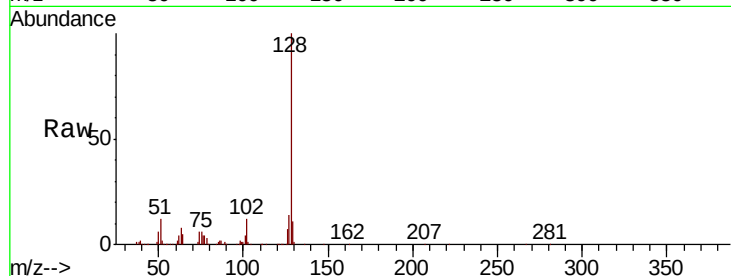




#31
Naphthalene
Concen: 43.902 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

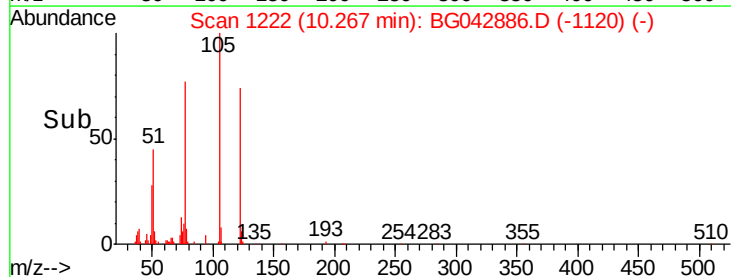
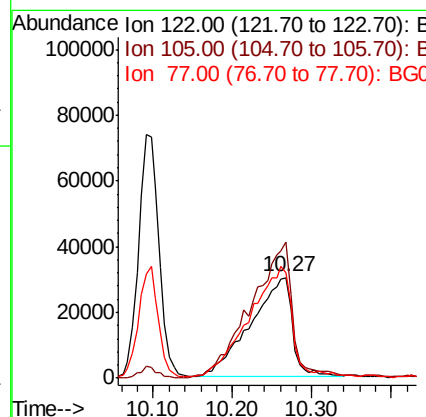
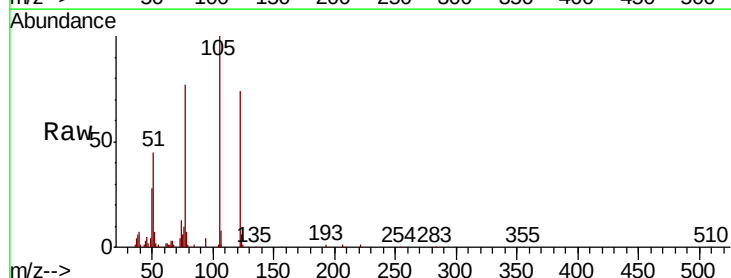
Instrument :
BNA_G
ClientSampleId :

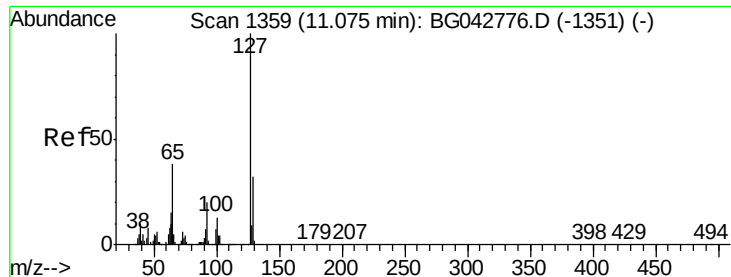
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.1	11.4	17.2



#32
Benzoic acid
Concen: 44.838 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.07 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.9	104.0	144.0
77	104.4	84.2	124.2

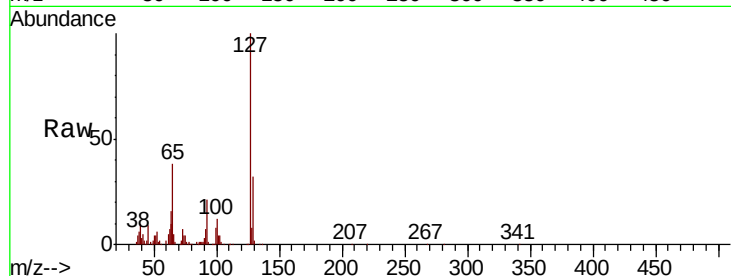




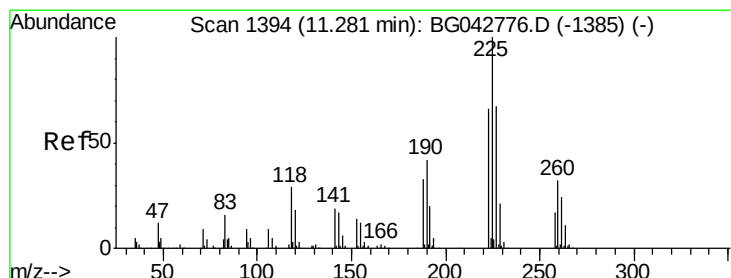
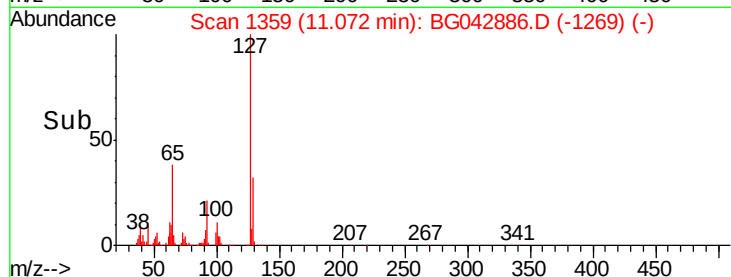
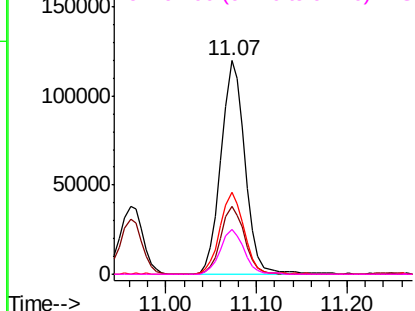
#33
4-Chloroaniline
Concen: 43.136 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	220245
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	38.4	30.5	45.7
92	20.9	15.9	23.9

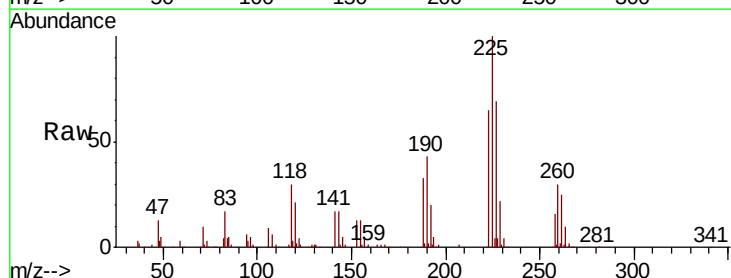


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

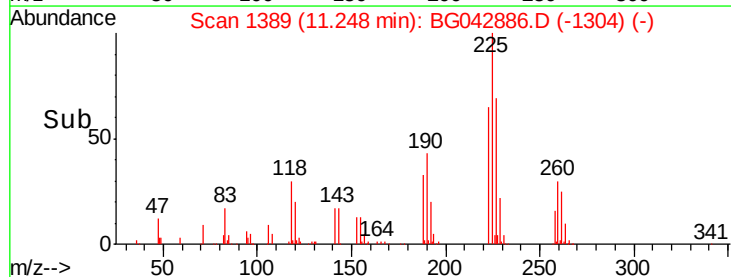
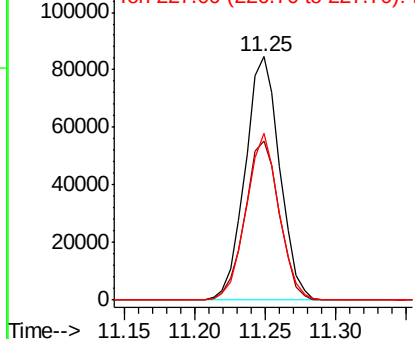


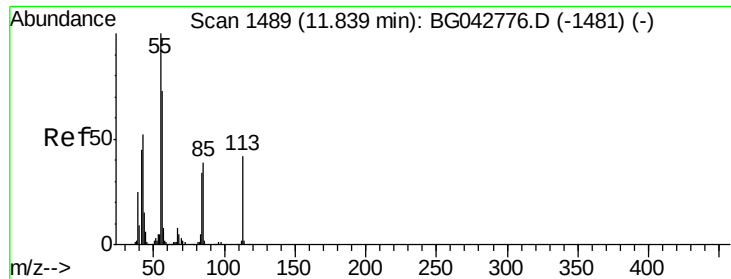
#34
Hexachlorobutadiene
Concen: 47.118 ng
RT: 11.25 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion:	225	Resp:	145330
Ion	Ratio	Lower	Upper
225	100		
223	65.2	52.6	79.0
227	68.5	53.6	80.4



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

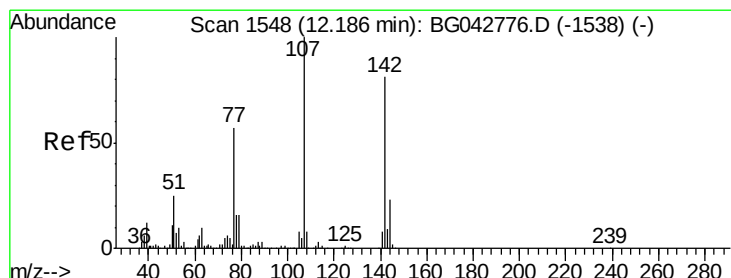
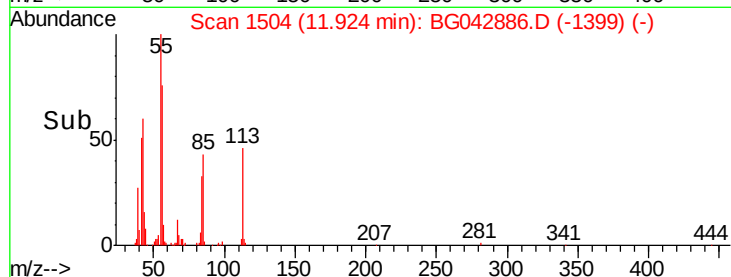
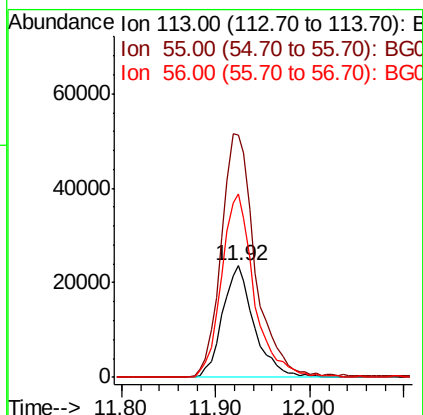
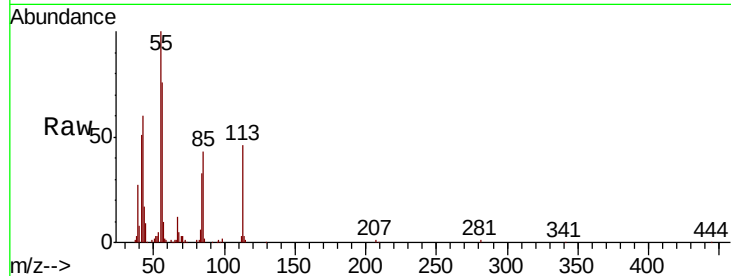




#35
 Caprolactam
 Concen: 41.112 ng
 RT: 11.92 min Scan# 1504
 Delta R.T. 0.09 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

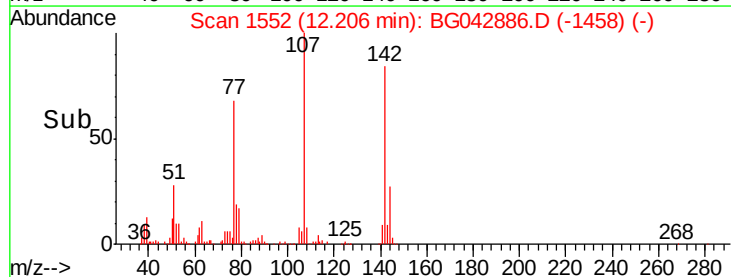
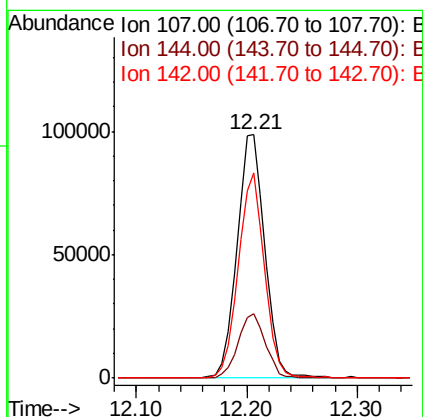
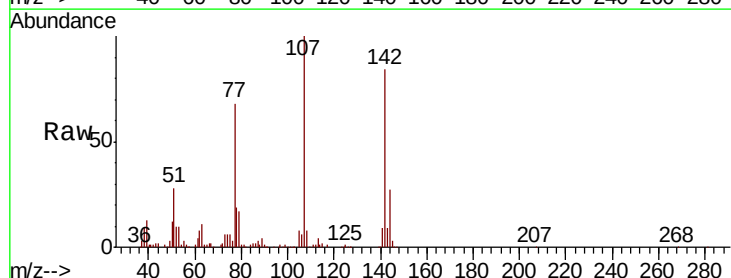
Instrument :
 BNA_G
 ClientSampleId :

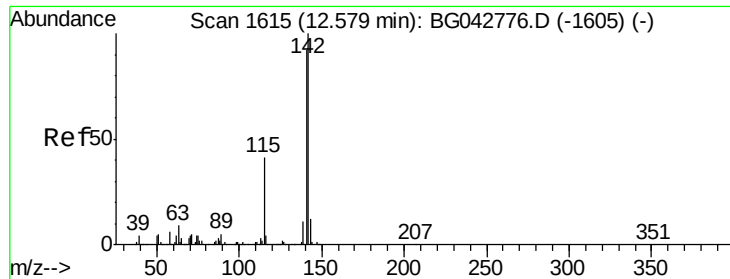
Tot Ion:113 Resp: 55124
 Ion Ratio Lower Upper
 113 100
 55 217.2 218.4 258.4#
 56 165.0 154.8 194.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.618 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. 0.02 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion:107 Resp: 174677
 Ion Ratio Lower Upper
 107 100
 144 26.6 18.7 28.1
 142 84.2 65.0 97.4

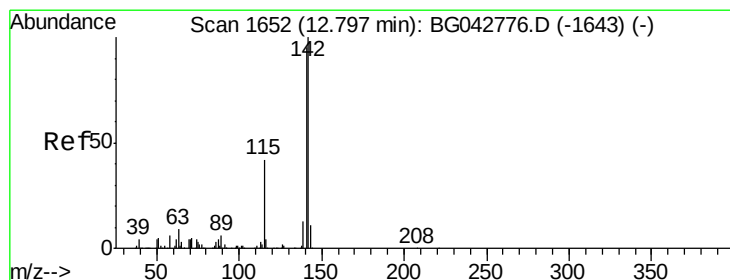
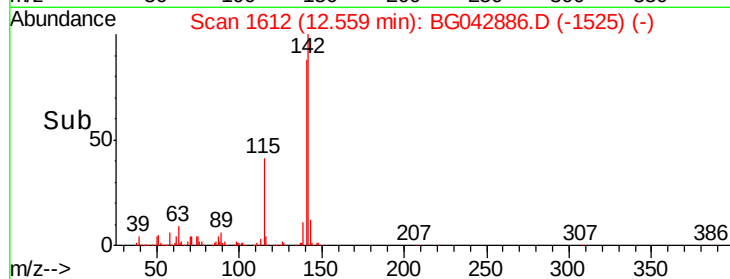
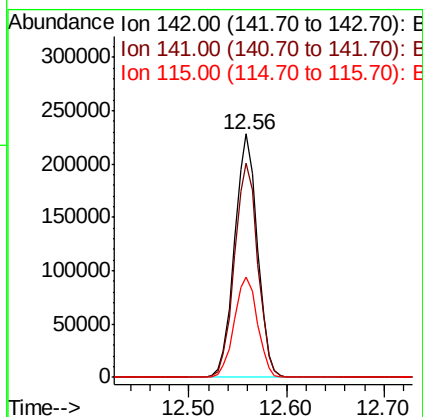
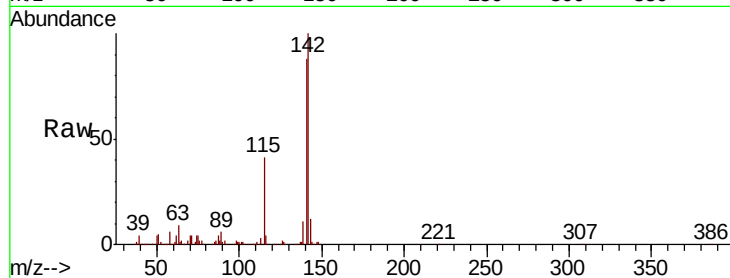




#37
2-Methylnaphthalene
Concen: 45.314 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

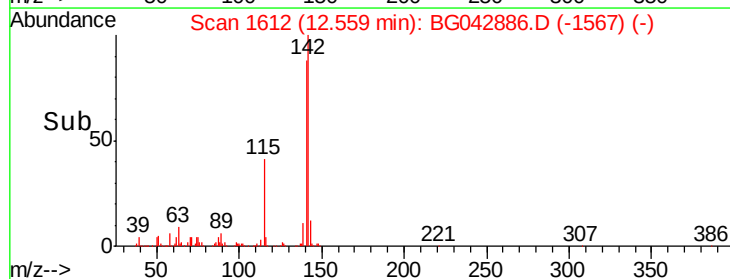
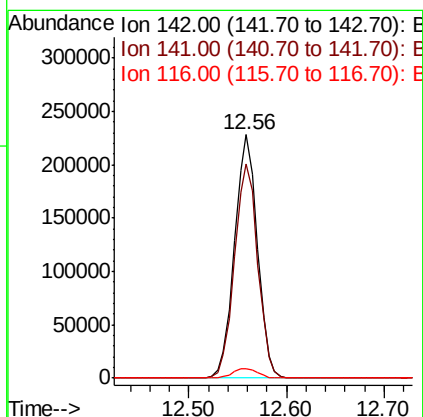
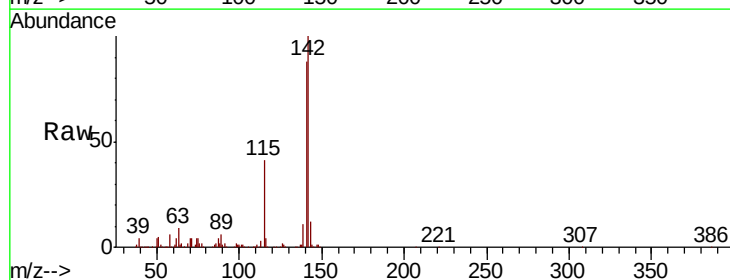
Instrument :
BNA_G
ClientSampleId :

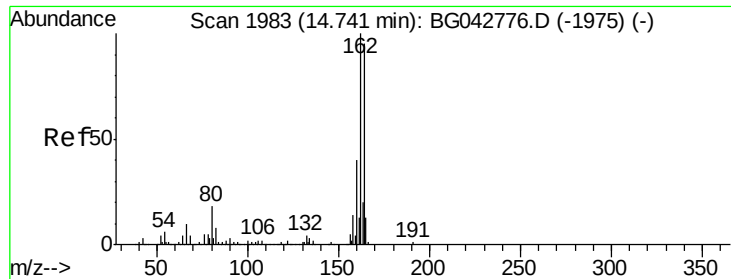
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.8	110.8
115	41.3	33.0	49.4



#38
1-Methylnaphthalene
Concen: 48.314 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.24 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	76.3	114.5
116	4.0	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

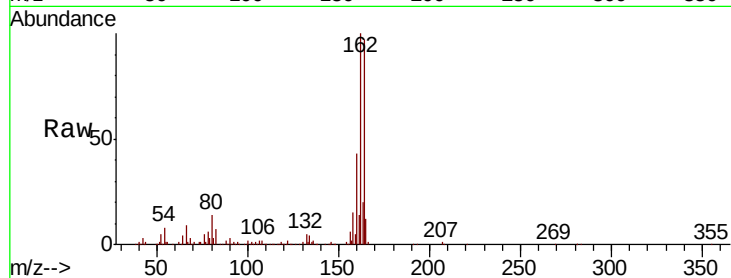
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 165807

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.6	126.8
160	44.4	34.2	51.2

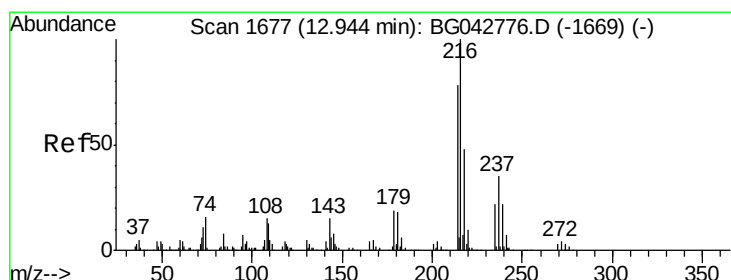
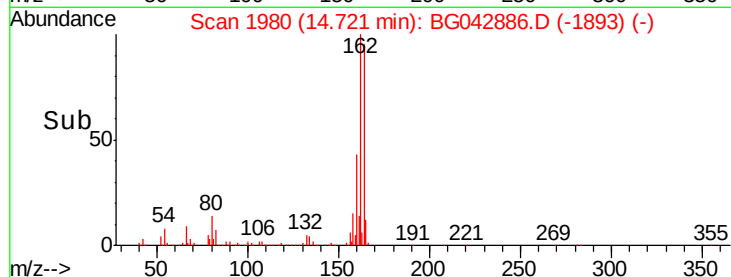
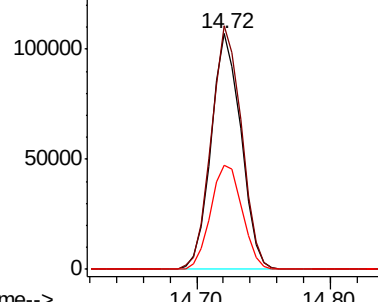


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.869 ng

RT: 12.92 min Scan# 1674

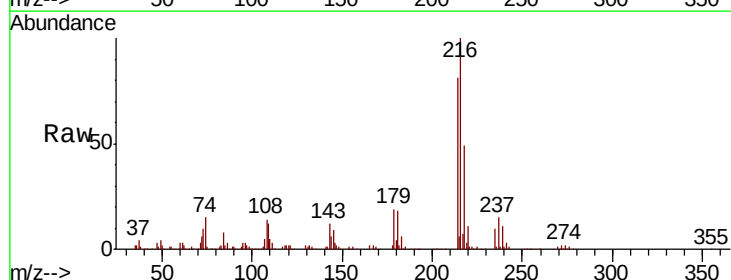
Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Tgt Ion:216 Resp: 245838

Ion	Ratio	Lower	Upper
216	100		
214	80.3	62.8	94.2
179	19.7	15.3	22.9
108	15.5	12.9	19.3



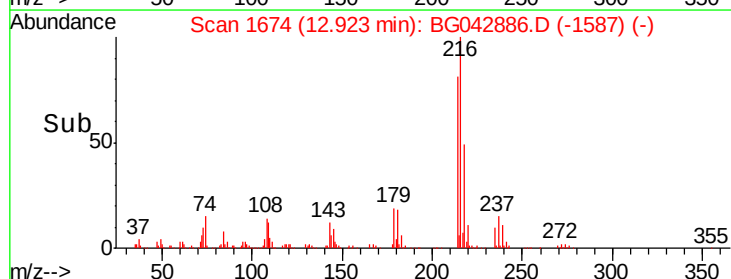
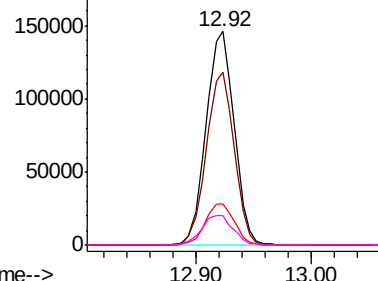
Abundance

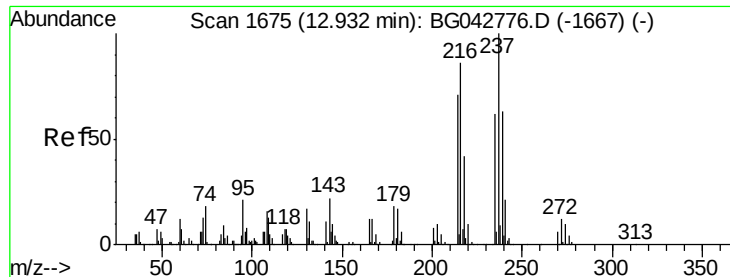
Ion 216.00 (215.70 to 216.70): E

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: 52.262 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

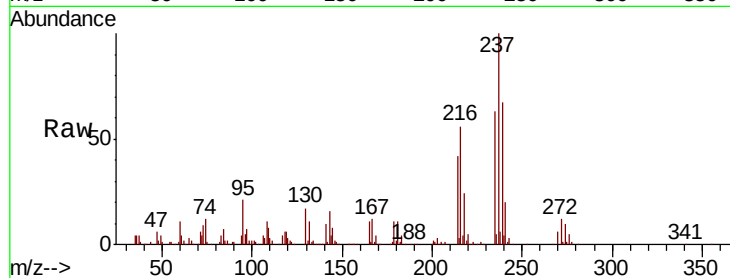
Tot Ion:237 Resp: 164040

Ion Ratio Lower Upper

237 100

235 63.2 41.9 81.9

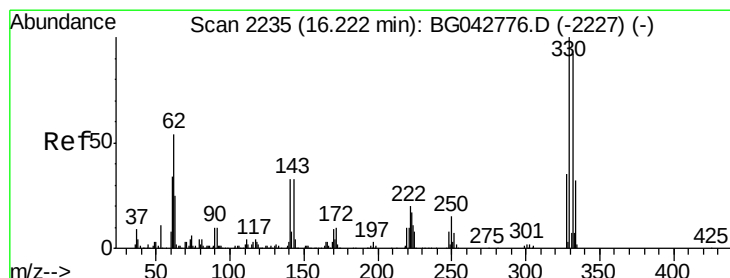
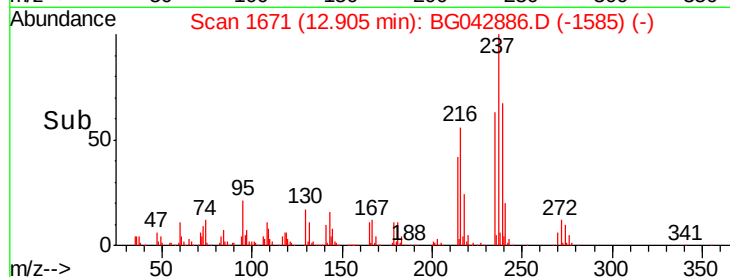
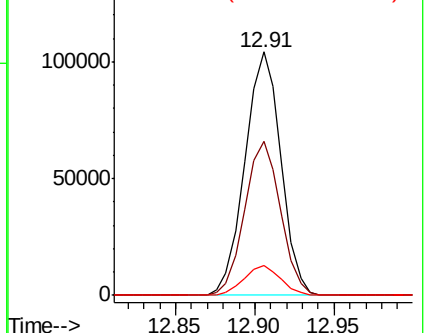
272 12.1 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 97.338 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

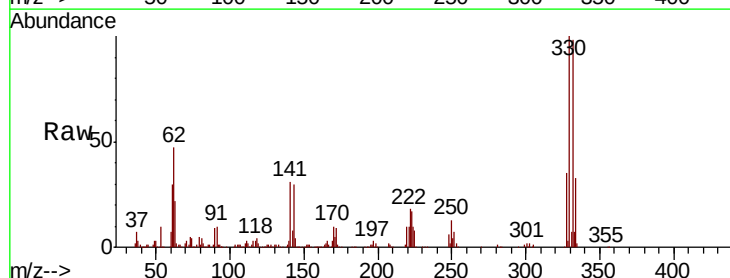
Tgt Ion:330 Resp: 214721

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

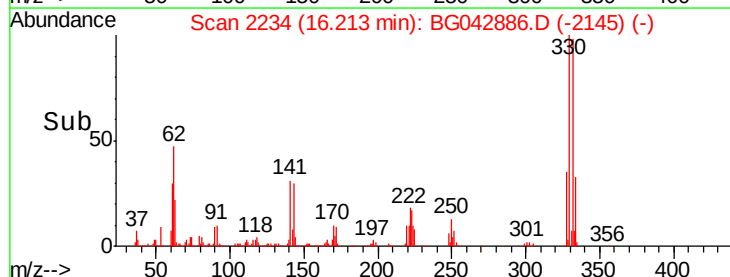
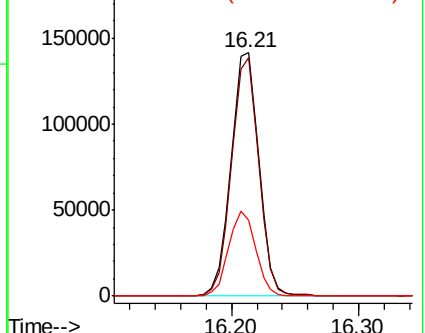
141 34.3 27.0 40.6

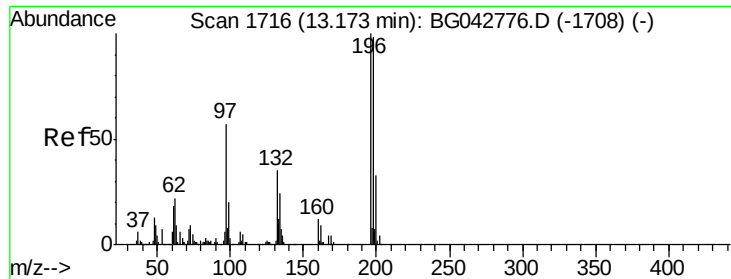


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

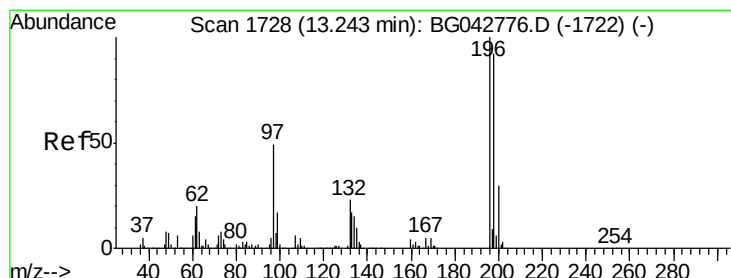
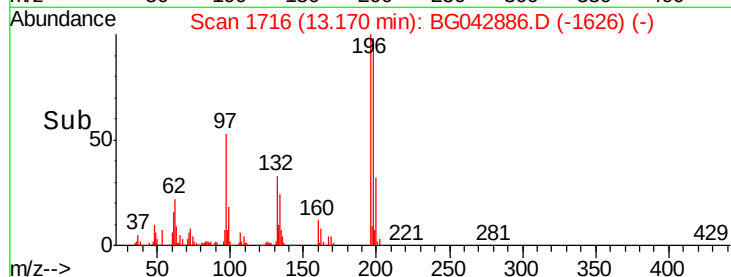
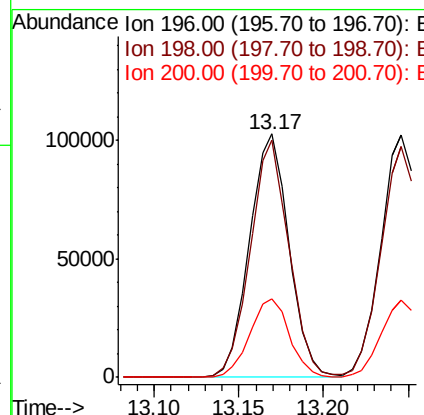
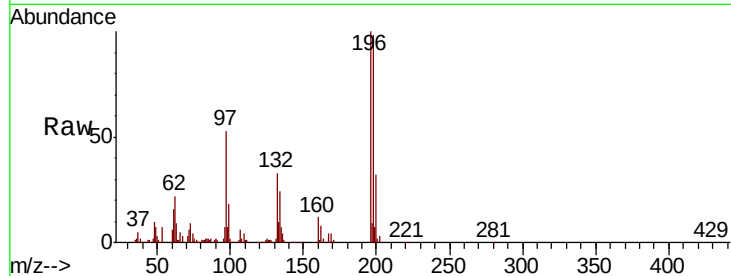




#43
 2,4,6-Trichlorophenol
 Concen: 45.727 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

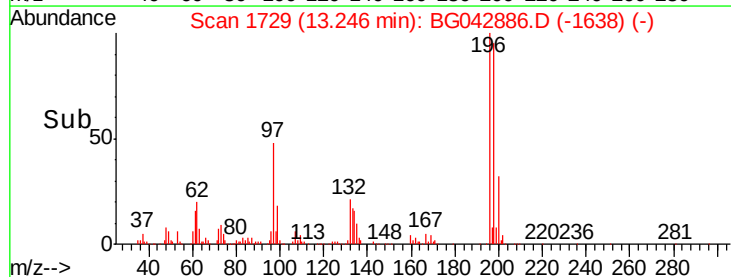
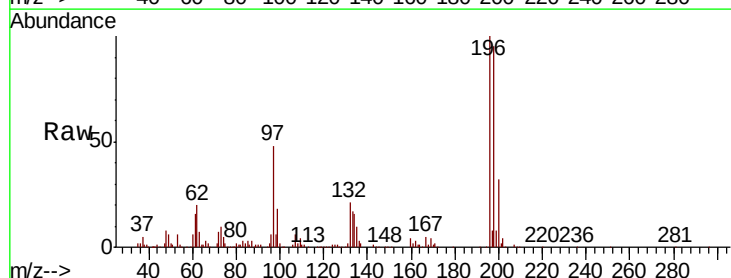
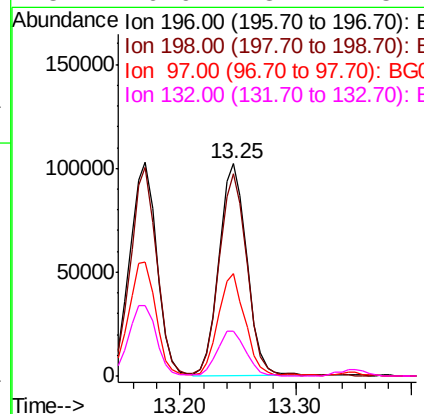
Instrument :
 BNA_G
 ClientSampled :

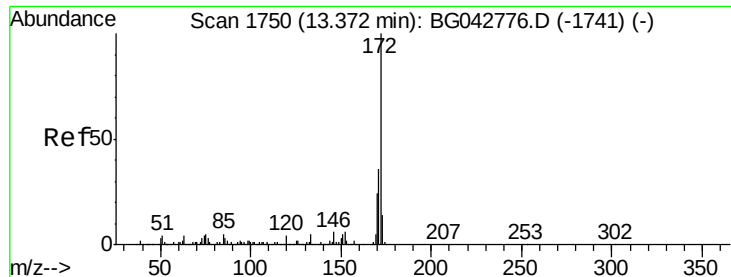
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.8	118.2
200	32.4	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.548 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	73.4	110.0
97	48.1	39.2	58.8
132	20.9	18.7	28.1

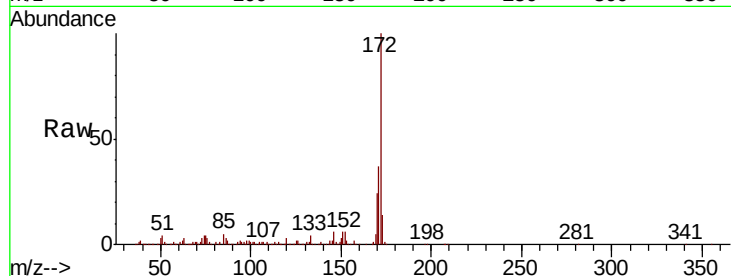




#45
2-Fluorobiphenyl
Concen: 89.024 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.4	19.1	28.7

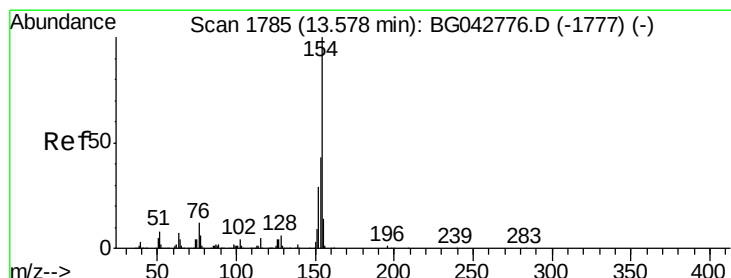
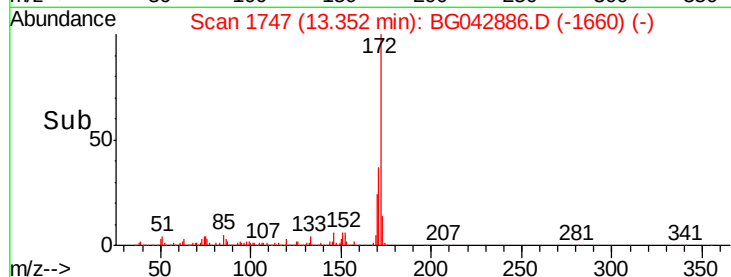
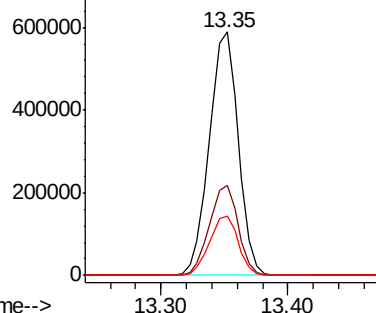


Abundance

Ion 172.00 (171.70 to 172.70): E

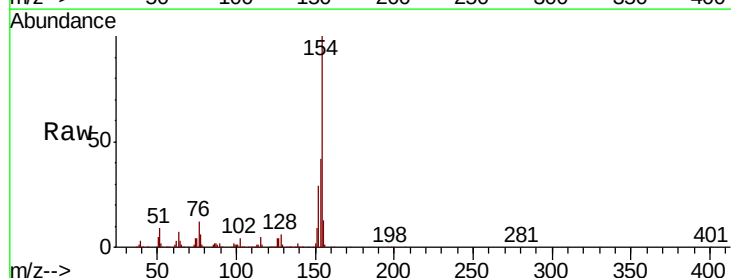
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.324 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.6	62.6
76	12.2	0.0	32.2

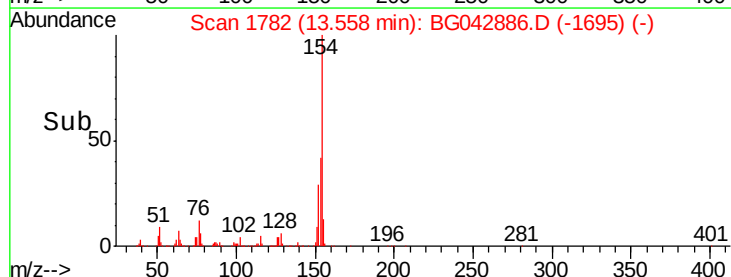
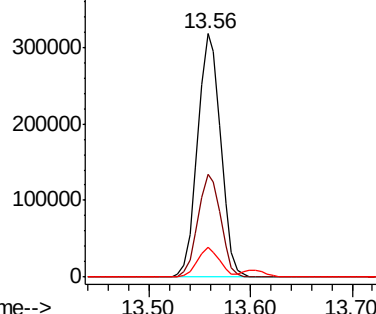


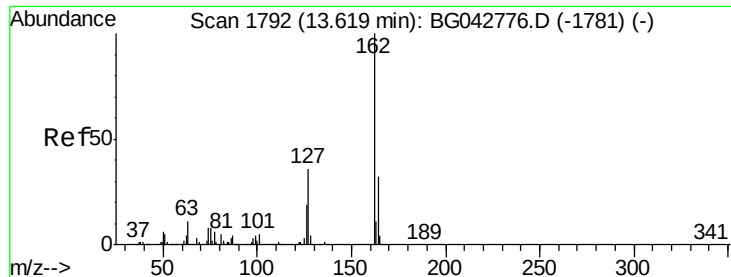
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 43.163 ng

RT: 13.60 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

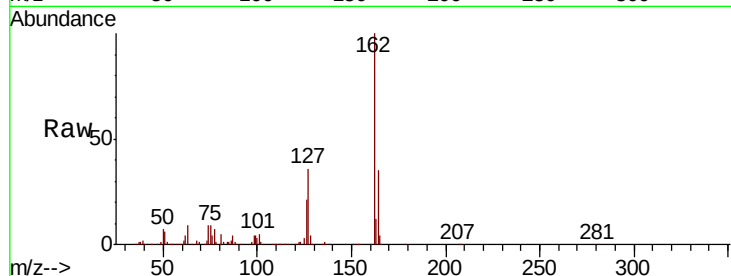
Tot Ion:162 Resp: 414456

Ion Ratio Lower Upper

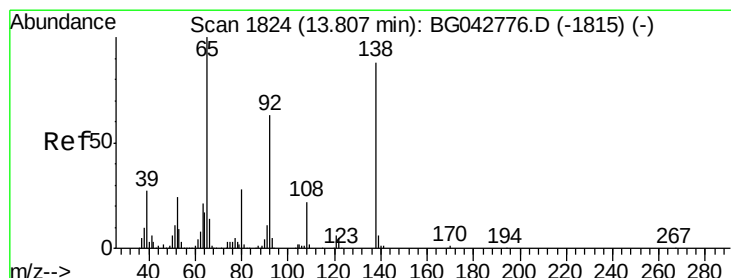
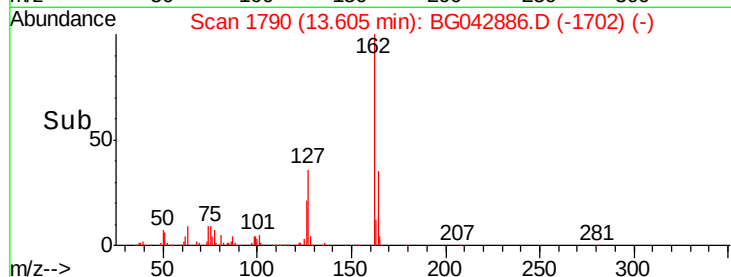
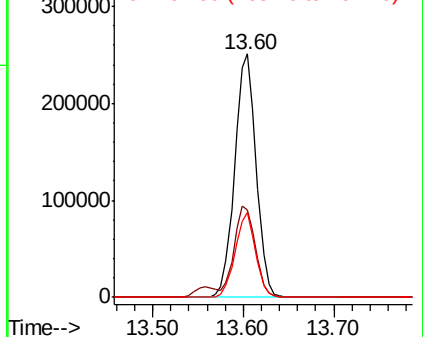
162 100

127 35.7 29.3 43.9

164 34.8 26.0 39.0



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: 46.875 ng

RT: 13.81 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

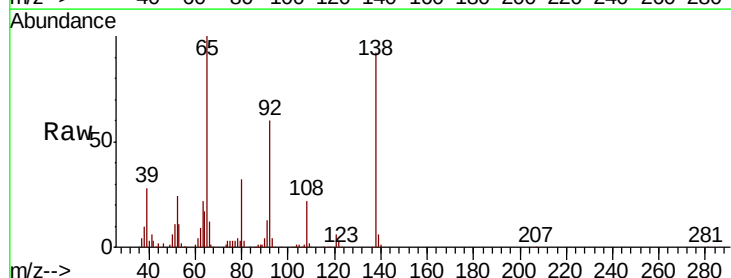
Tgt Ion: 65 Resp: 156136

Ion Ratio Lower Upper

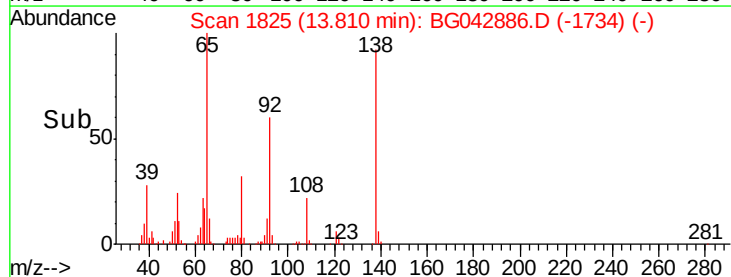
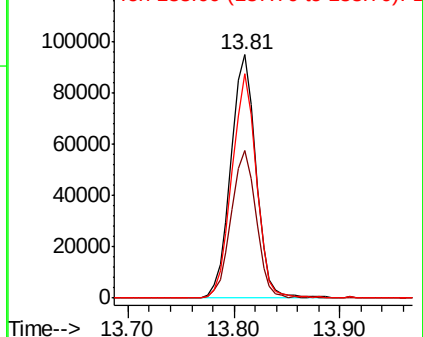
65 100

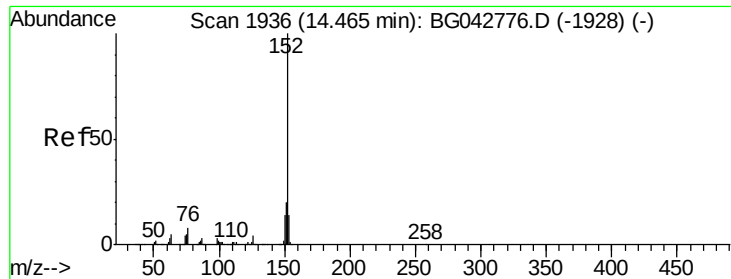
92 60.5 50.4 75.6

138 92.1 70.6 106.0



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: 43.517 ng

RT: 14.44 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

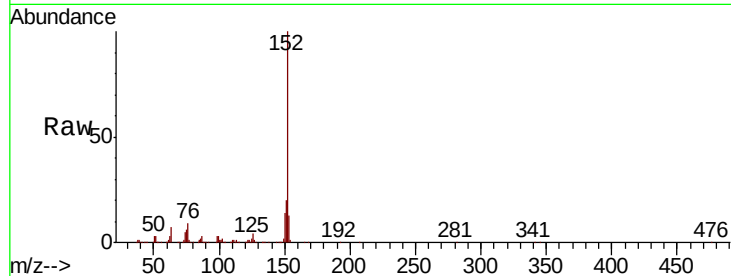
Tot Ion:152 Resp: 638548

Ion Ratio Lower Upper

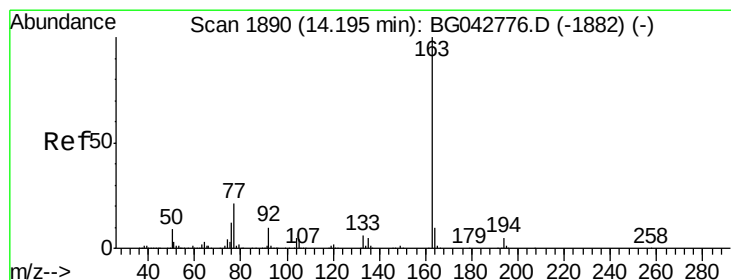
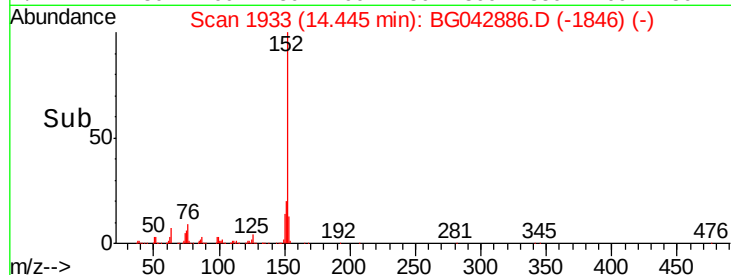
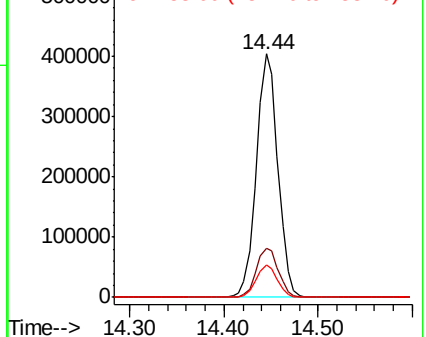
152 100

151 20.4 16.0 24.0

153 13.5 11.4 17.0



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



#50

Dimethylphthalate

Concen: 43.697 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

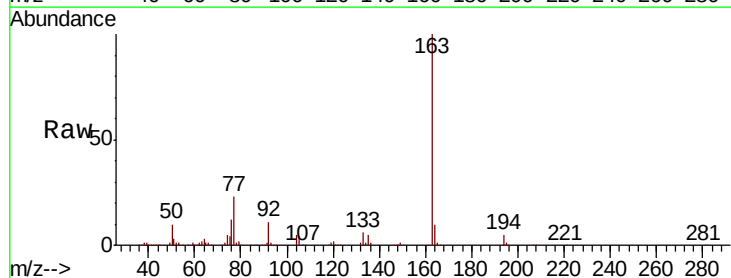
Tgt Ion:163 Resp: 542763

Ion Ratio Lower Upper

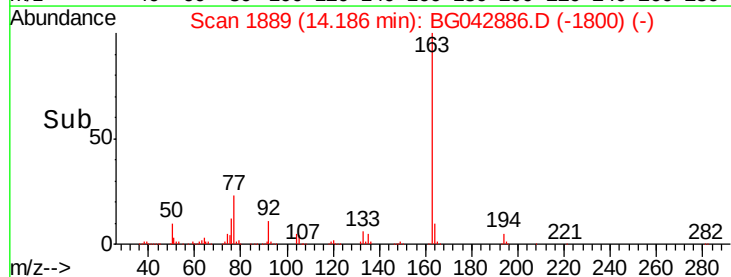
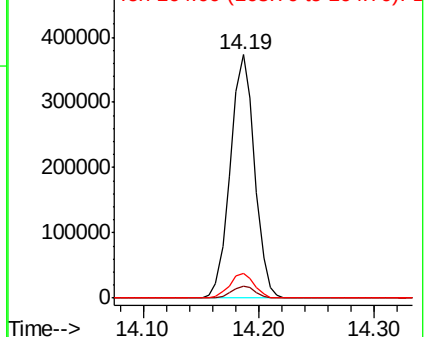
163 100

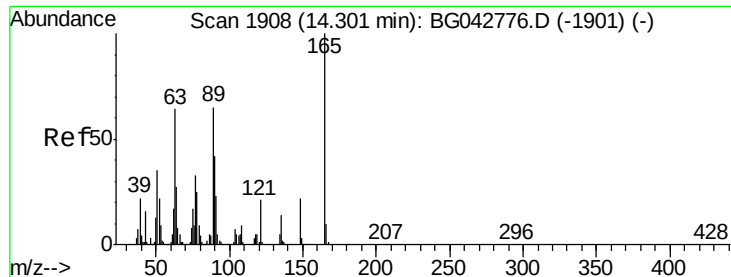
194 4.9 4.2 6.4

164 10.1 8.4 12.6



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: 46.029 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

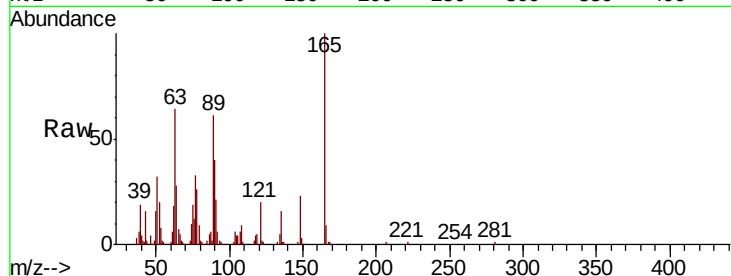
Tot Ion:165 Resp: 117312

Ion Ratio Lower Upper

165 100

63 63.9 52.1 78.1

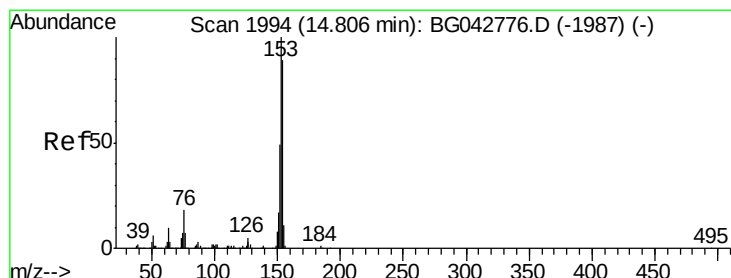
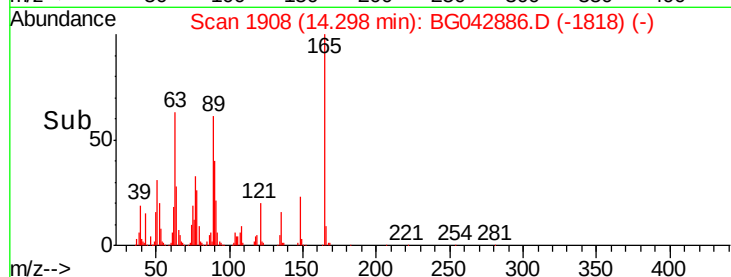
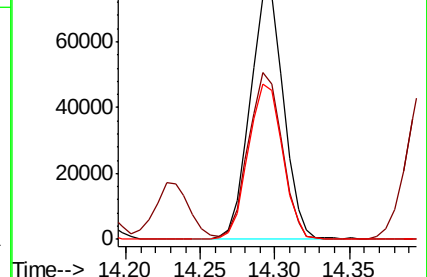
89 61.1 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.295 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

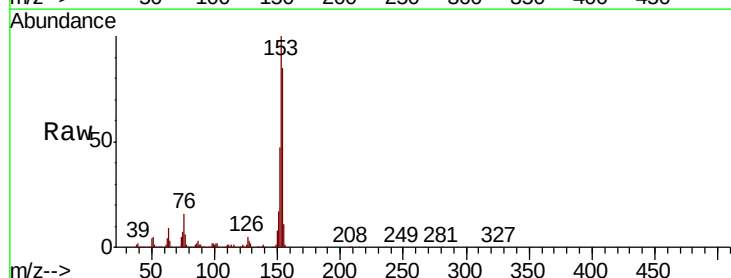
Tgt Ion:154 Resp: 395866

Ion Ratio Lower Upper

154 100

153 118.3 89.4 134.2

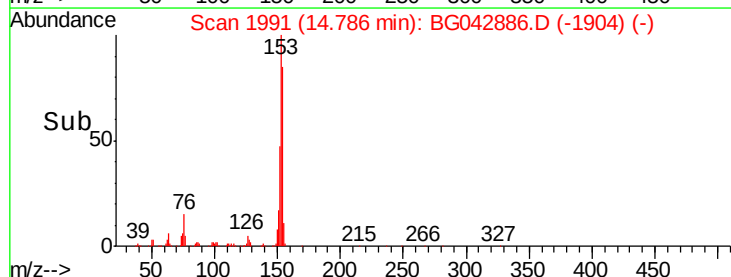
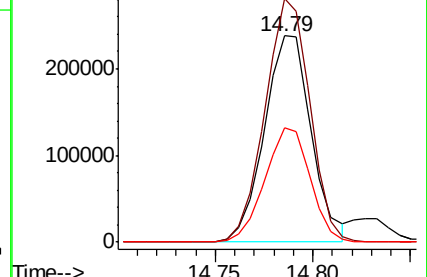
152 55.7 43.5 65.3

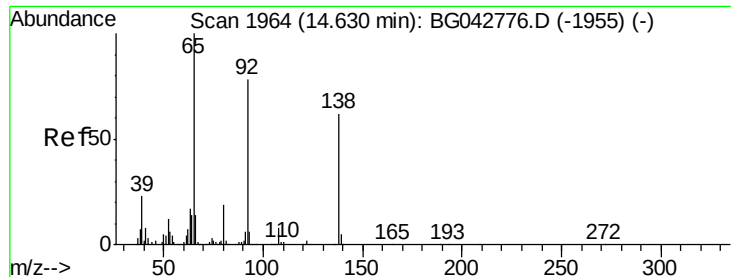


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

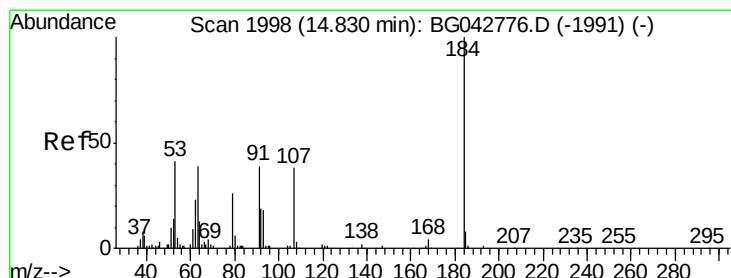
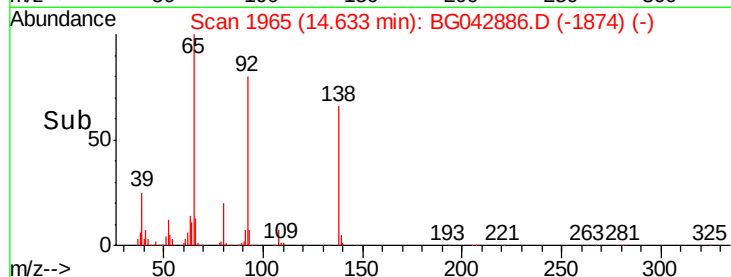
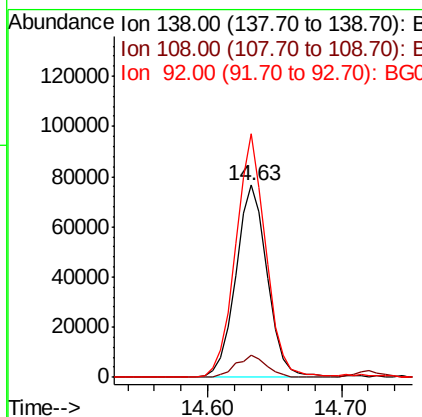
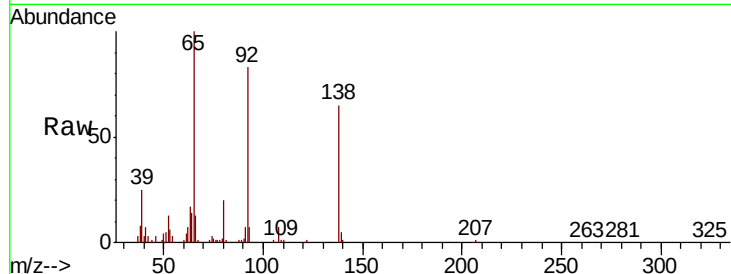




#53
 3-Nitroaniline
 Concen: 43.633 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

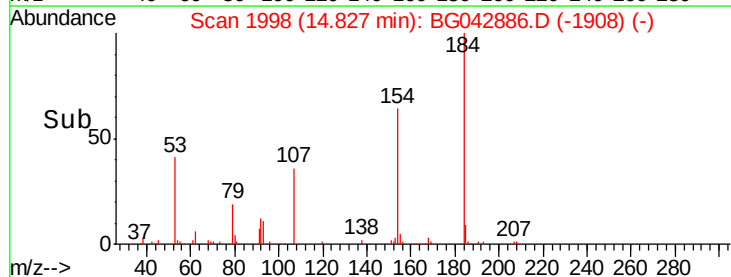
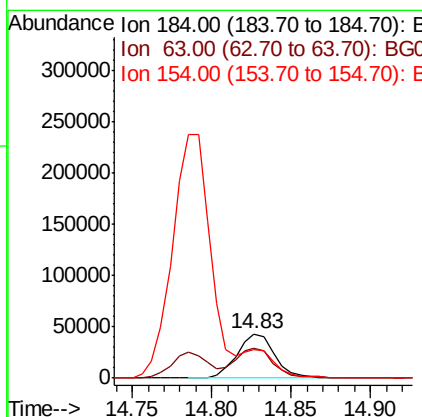
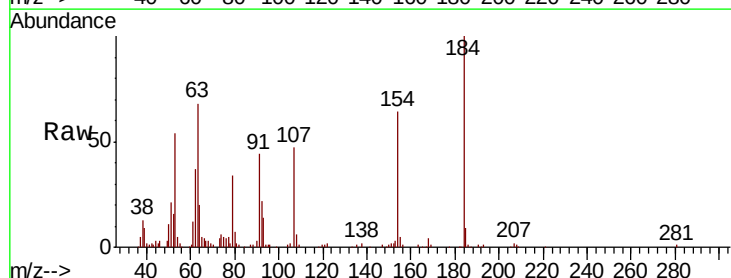
Instrument :
 BNA_G
 ClientSampleId :

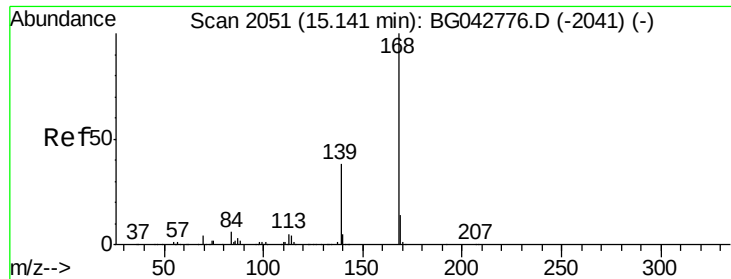
Tot Ion:138 Resp: 124809
 Ion Ratio Lower Upper
 138 100
 108 11.2 10.7 16.1
 92 126.6 100.5 150.7



#54
 2,4-Dinitrophenol
 Concen: 56.971 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion:184 Resp: 71480
 Ion Ratio Lower Upper
 184 100
 63 68.4 46.2 69.4
 154 63.8 81.3 121.9#

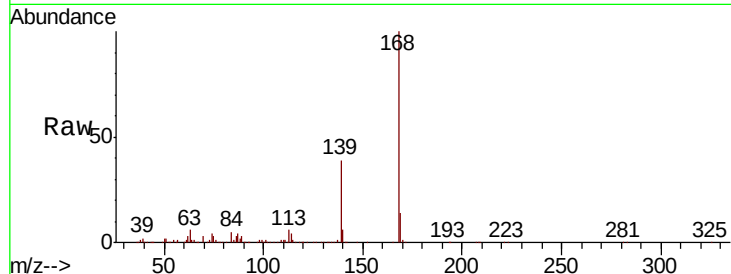




#55
Dibenzenofuran
Concen: 44.603 ng
RT: 15.12 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.2	45.4
169	13.7	11.2	16.8

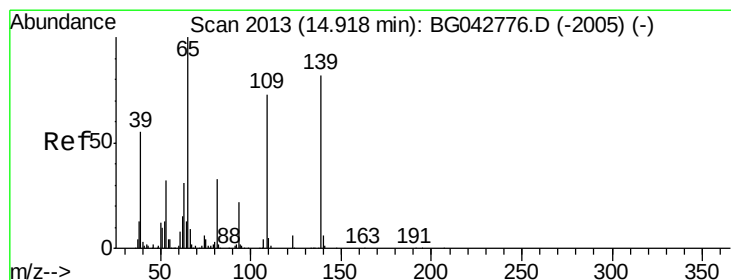
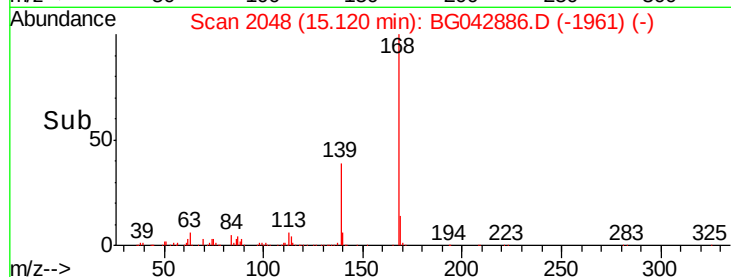
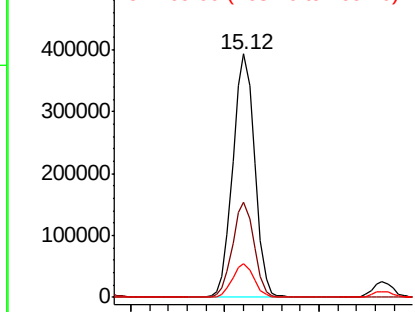


Abundance

Ion 168.00 (167.70 to 168.70): E

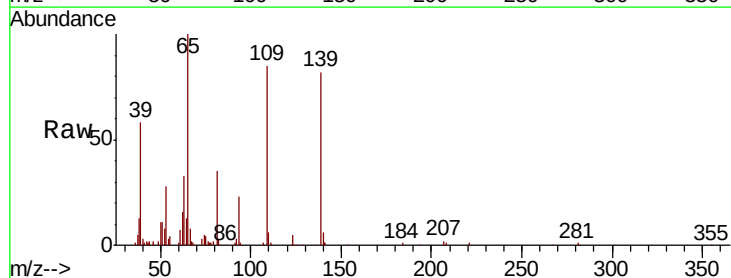
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 39.040 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.04 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.7	69.4	109.4
65	121.5	102.5	142.5

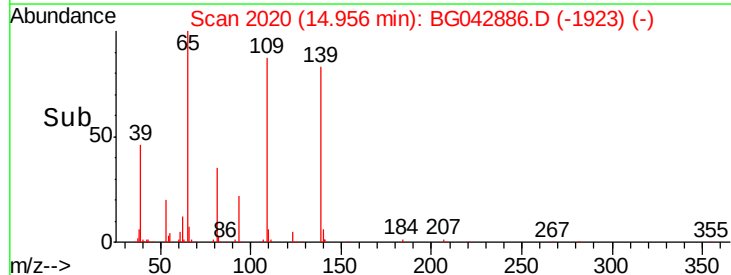
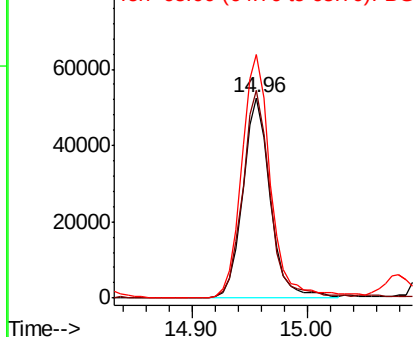


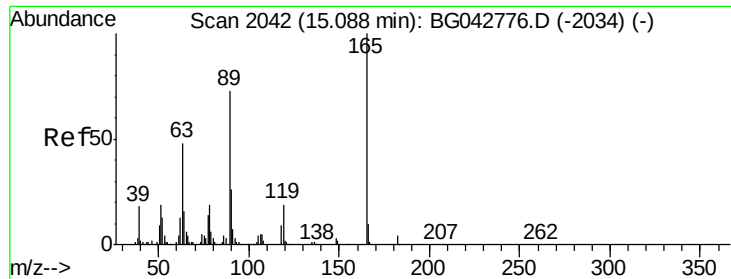
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

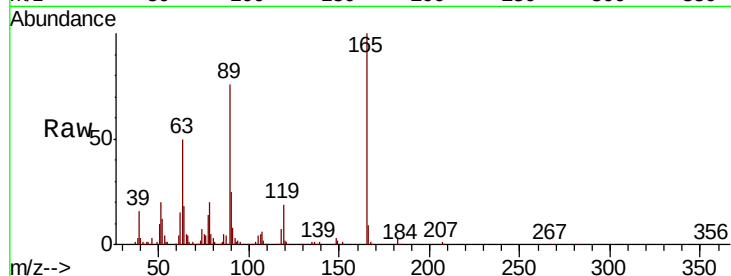




#57
 2,4-Dinitrotoluene
 Concen: 50.922 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	165	Resp	172990
Ion	Ratio	Lower	Upper
165	100		
63	49.9	38.3	57.5
89	75.6	58.4	87.6
182	3.3	2.9	4.3



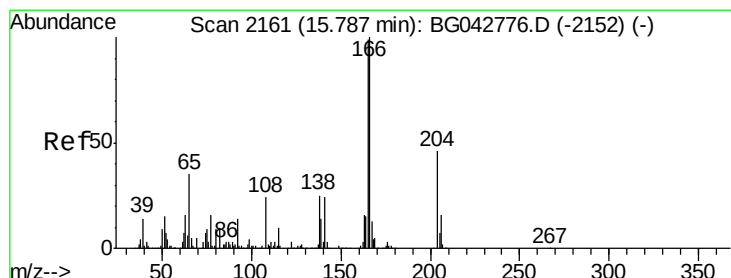
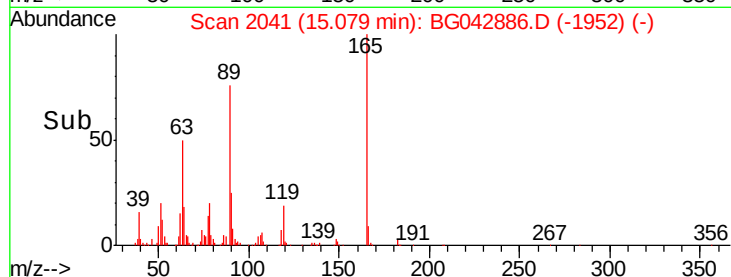
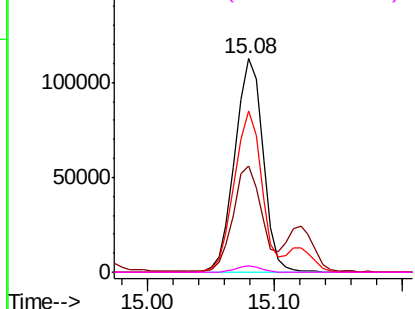
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

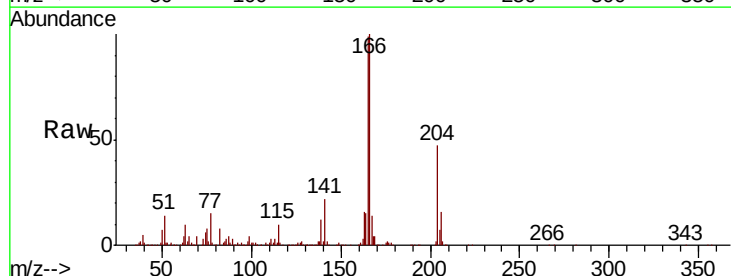
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.924 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion	166	Resp	542310
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.1	118.7
167	14.4	10.7	16.1

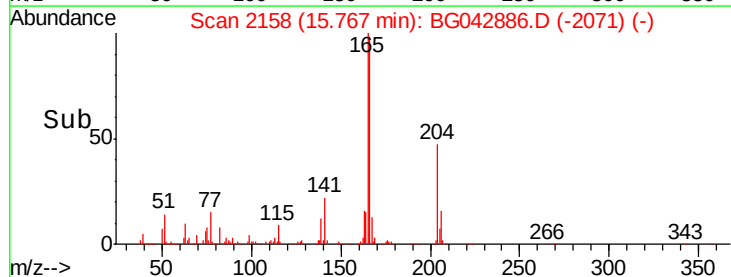
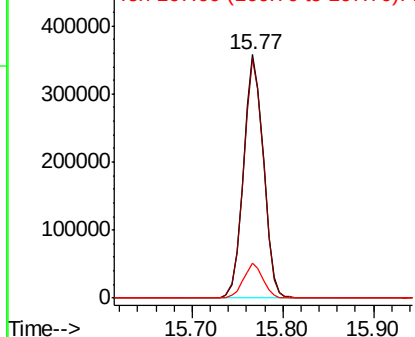


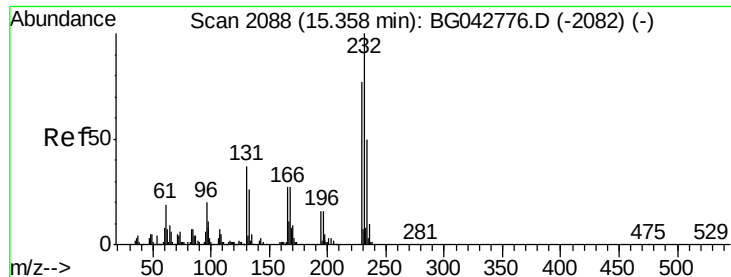
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.228 ng

RT: 15.35 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 171055

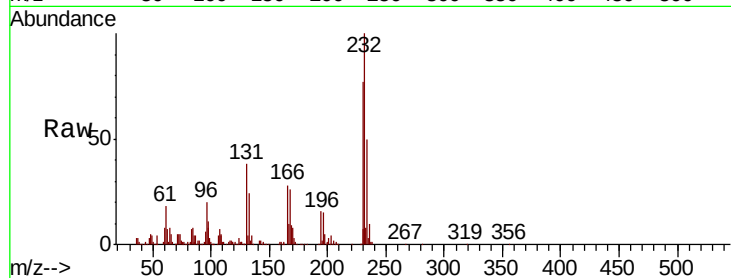
Ion Ratio Lower Upper

232 100

131 37.9 31.1 46.7

130 2.5 1.8 2.6

166 27.3 21.7 32.5

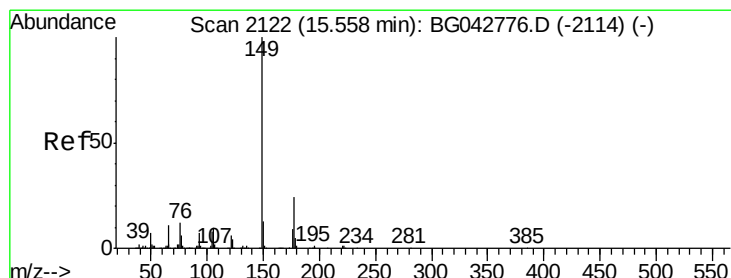
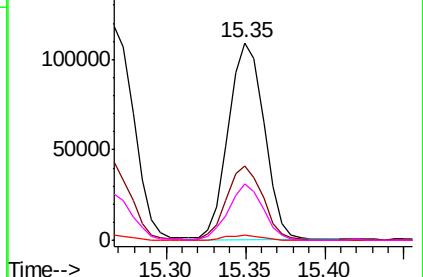
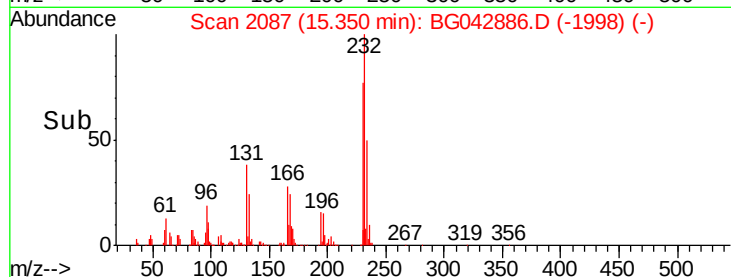


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.522 ng

RT: 15.54 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

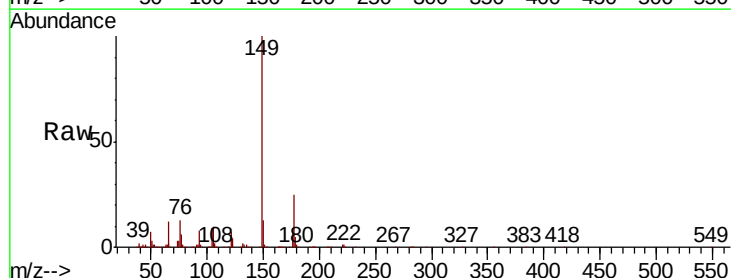
Tgt Ion:149 Resp: 548742

Ion Ratio Lower Upper

149 100

177 24.8 19.4 29.0

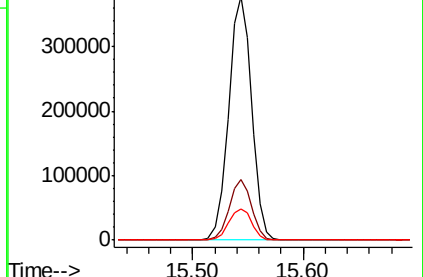
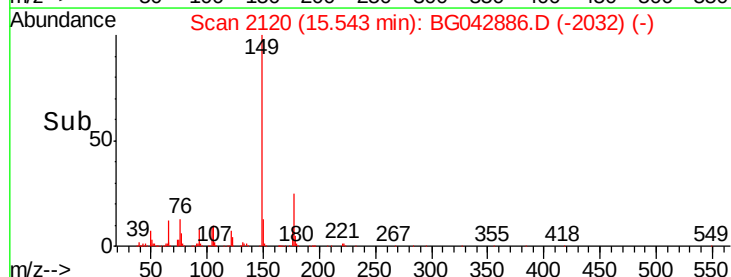
150 12.6 10.2 15.4

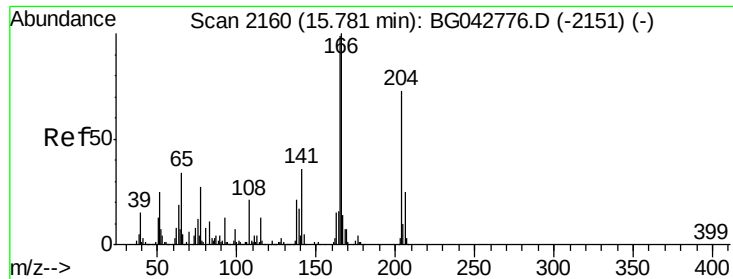


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 46.774 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

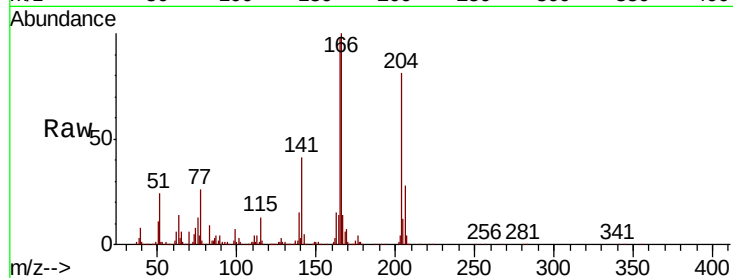
Tot Ion:204 Resp: 326583

Ion Ratio Lower Upper

204 100

206 35.1 27.6 41.4

141 50.1 39.8 59.6

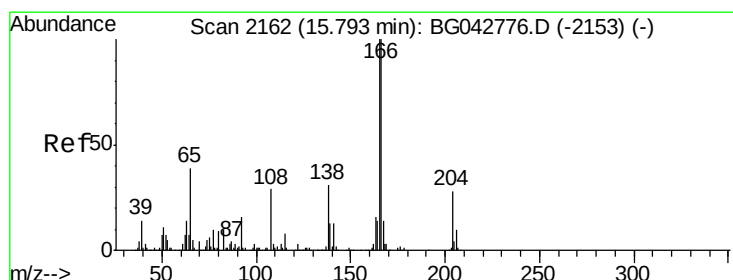
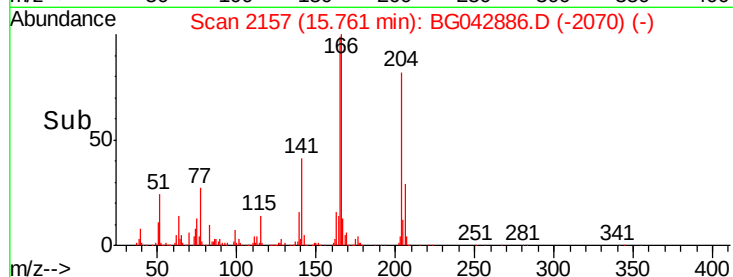
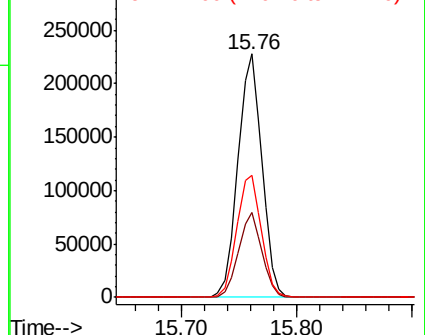


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 43.412 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

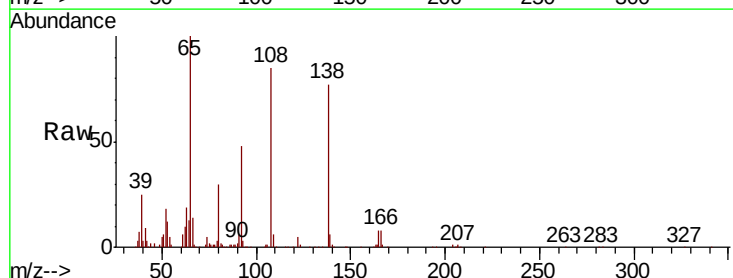
Tgt Ion:138 Resp: 133852

Ion Ratio Lower Upper

138 100

92 62.5 31.4 71.4

108 109.4 74.8 114.8

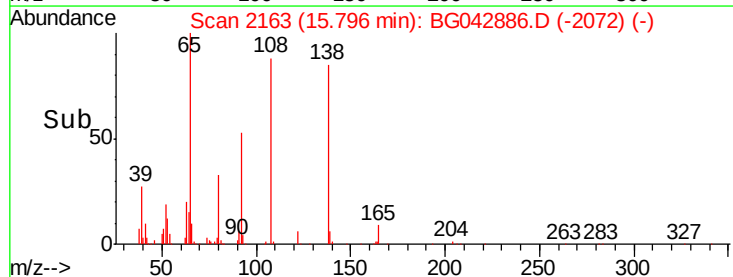
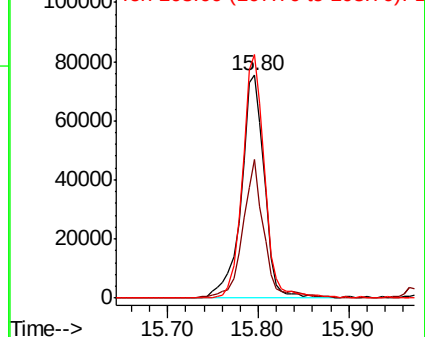


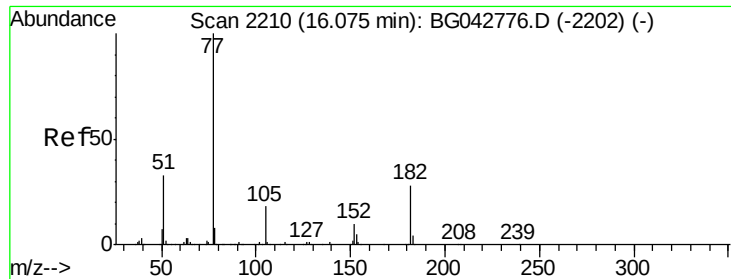
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

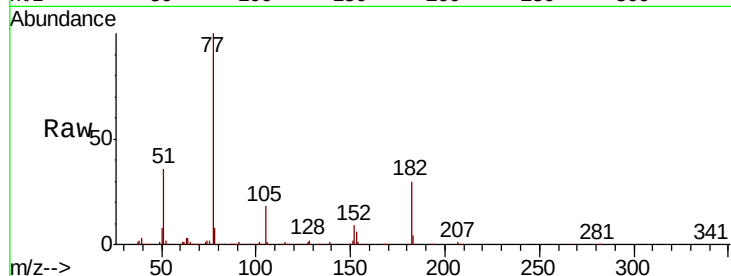




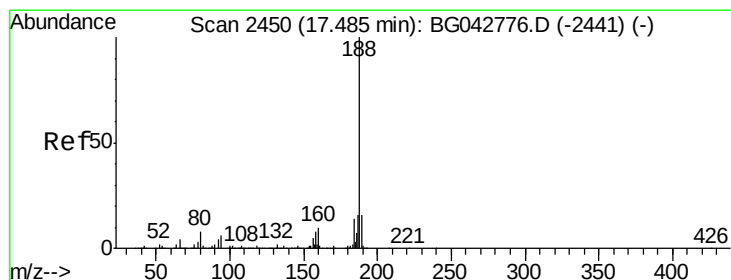
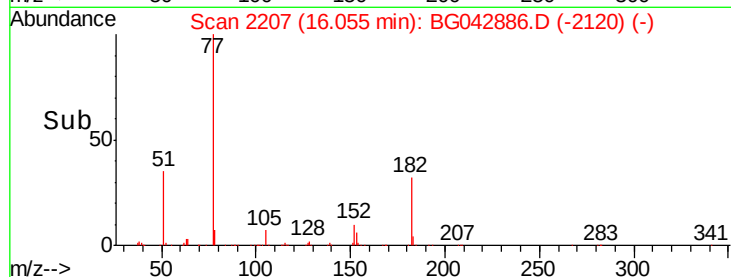
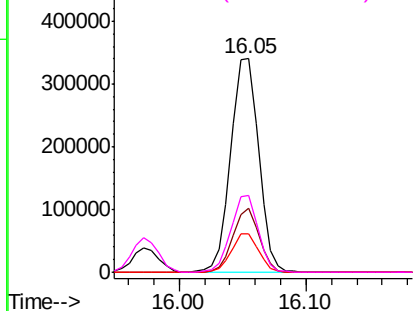
#63
Azobenzene
Concen: 42.690 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	518316
Ion	Ratio	Lower	Upper
77	100		
182	30.2	8.1	48.1
105	17.9	0.0	38.1
51	35.8	12.9	52.9

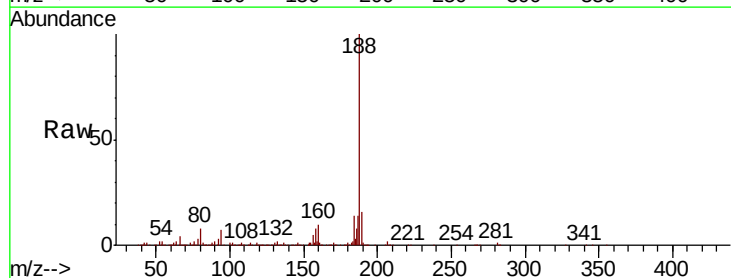


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

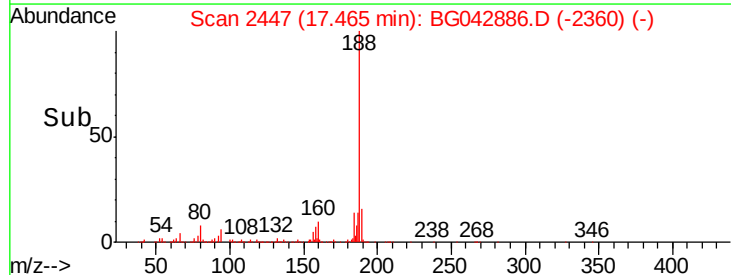
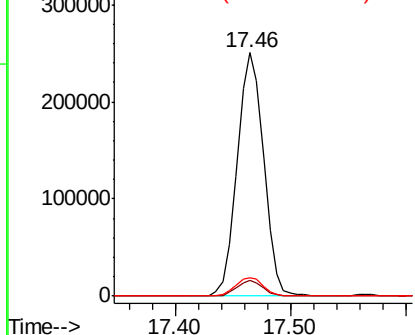


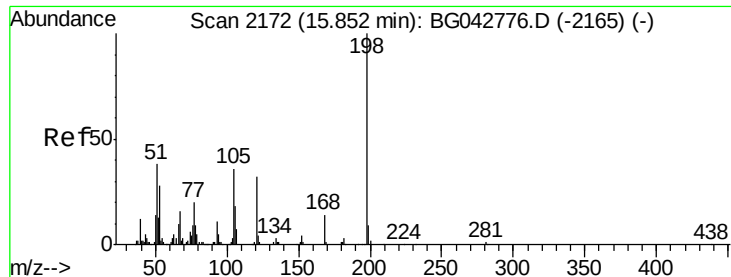
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion:	188	Resp:	398075
Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.8	7.2
80	7.8	6.6	9.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 58.512 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

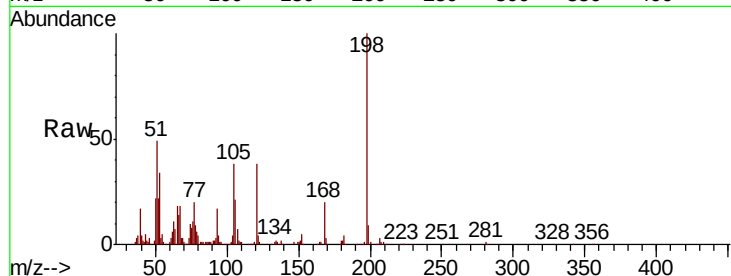
Tot Ion:198 Resp: 99664

Ion	Ratio	Lower	Upper
198	100		
51	49.3	20.9	60.9
105	38.4	16.4	56.4

198 100

51 49.3 20.9 60.9

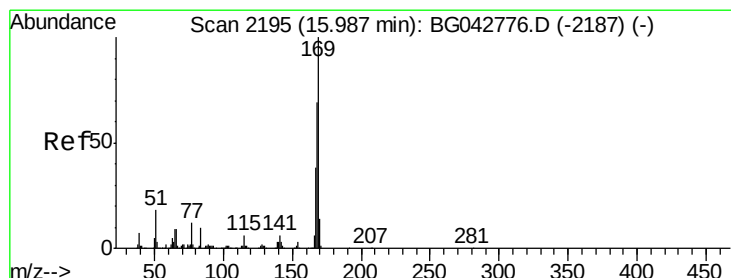
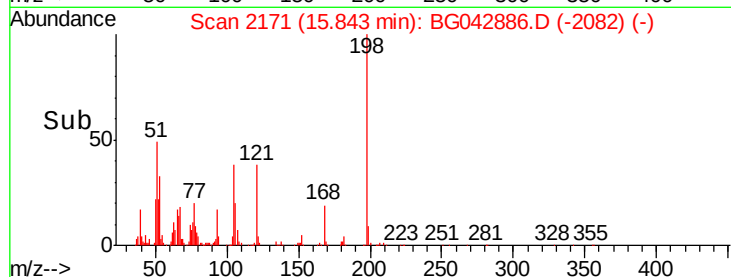
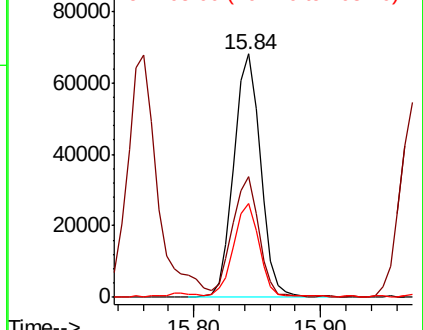
105 38.4 16.4 56.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.003 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

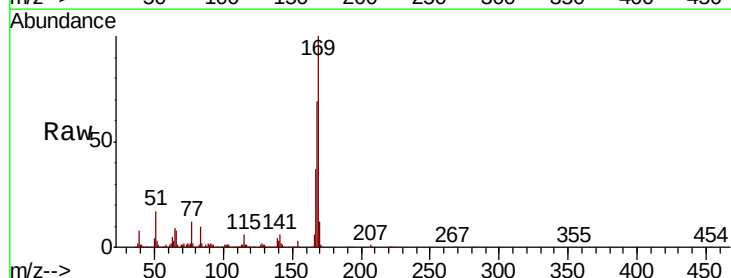
Tgt Ion:169 Resp: 471353

Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.4	83.2
167	37.2	30.4	45.6

169 100

168 69.4 55.4 83.2

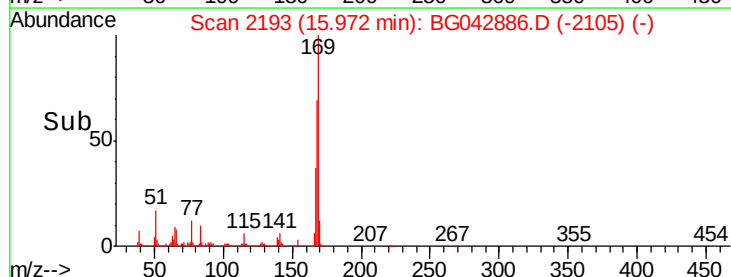
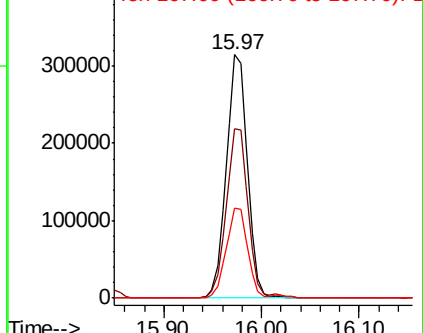
167 37.2 30.4 45.6

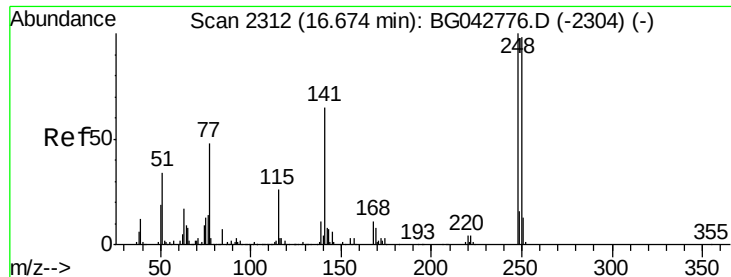


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

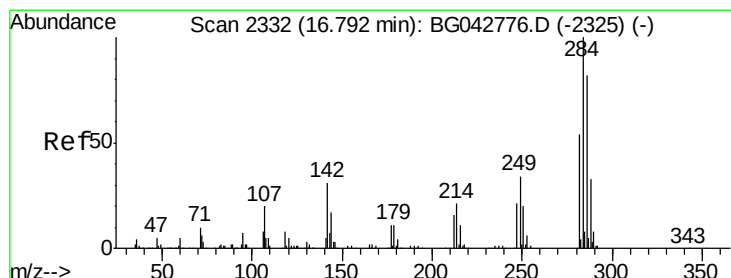
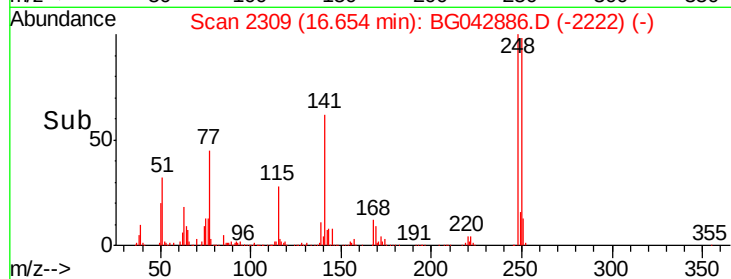
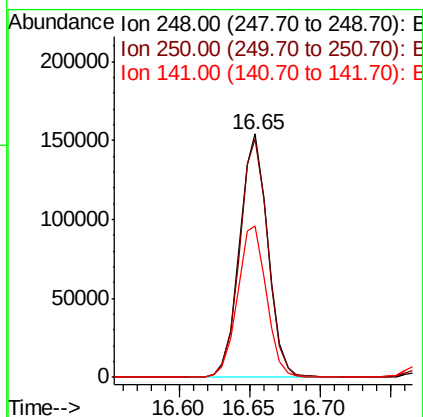
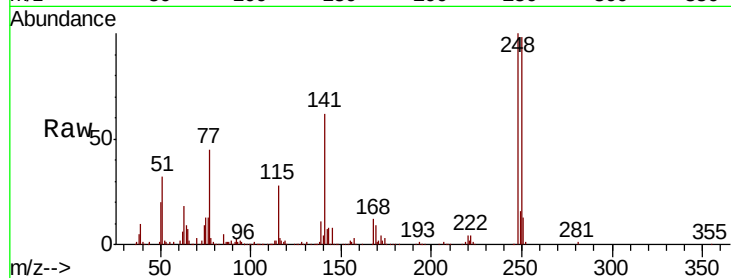




#67
4-Bromophenyl-phenylether
Concen: 44.601 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

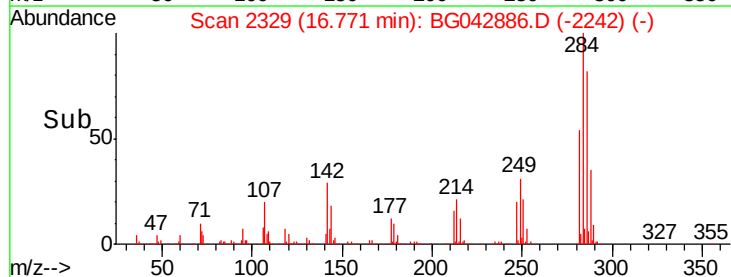
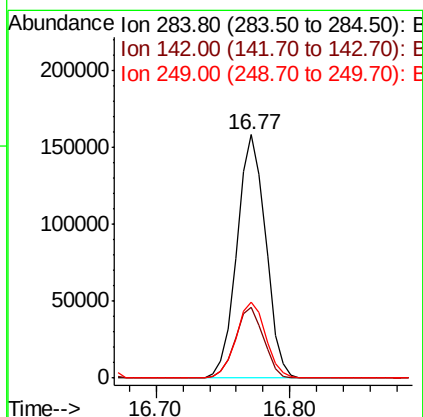
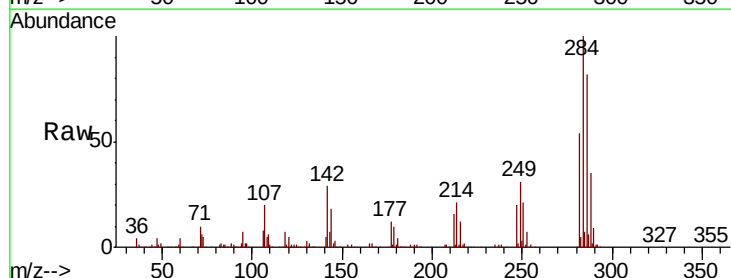
Instrument :
BNA_G
ClientSampleId :

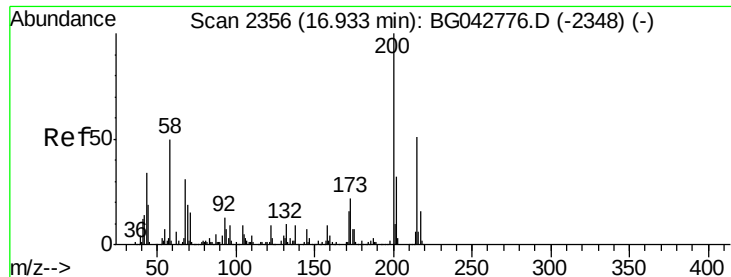
Tot Ion:248 Resp: 214894
Ion Ratio Lower Upper
248 100
250 98.0 78.0 117.0
141 62.4 51.8 77.6



#68
Hexachlorobenzene
Concen: 45.691 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion:284 Resp: 235238
Ion Ratio Lower Upper
284 100
142 29.1 24.7 37.1
249 31.2 27.0 40.4

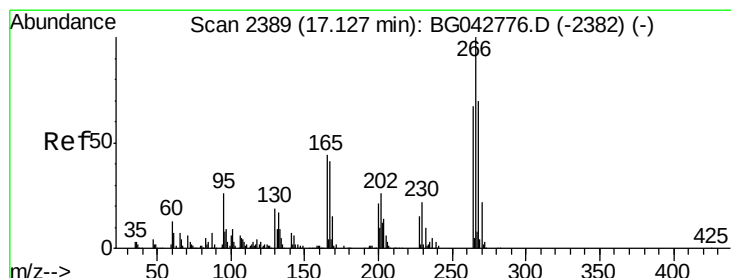
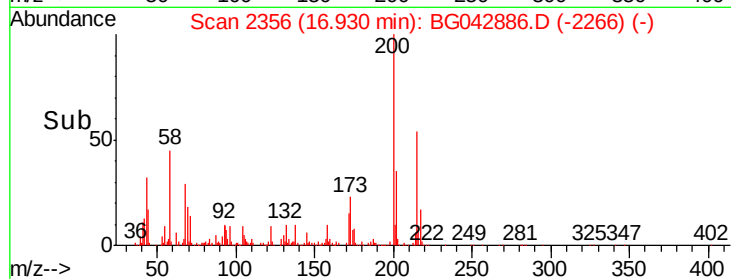
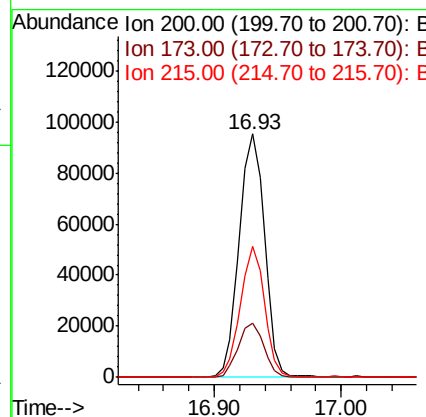
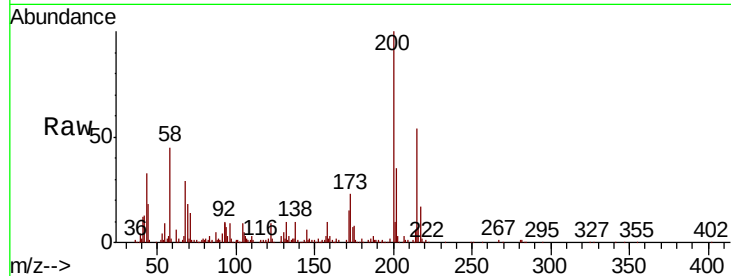




#69
Atrazine
Concen: 35.450 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

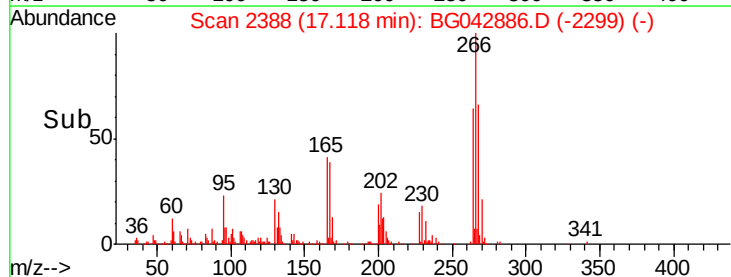
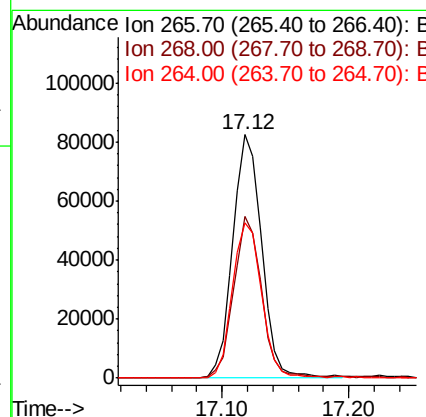
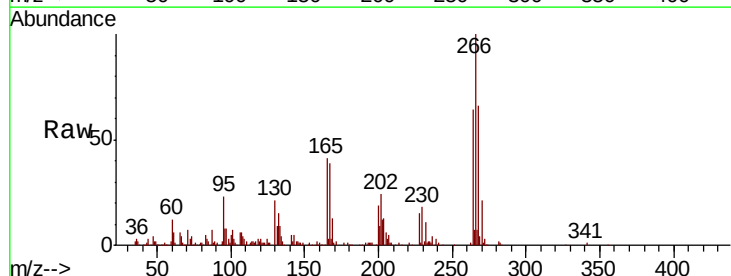
Instrument :
BNA_G
ClientSampleId :

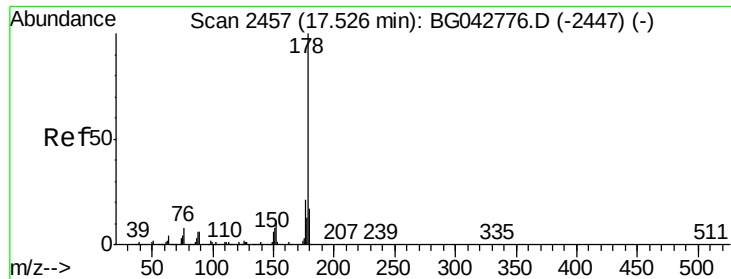
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.5	2.5	42.5
215	54.0	31.0	71.0



#70
Pentachlorophenol
Concen: 42.644 ng
RT: 17.12 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	56.2	84.4
264	63.7	53.4	80.2





#71

Phenanthrene

Concen: 44.205 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

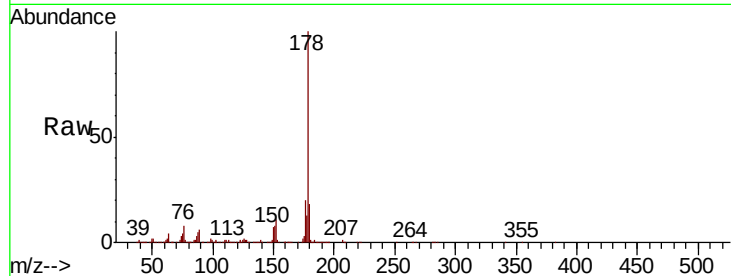
Tot Ion:178 Resp: 841560

Ion Ratio Lower Upper

178 100

176 20.4 17.0 25.4

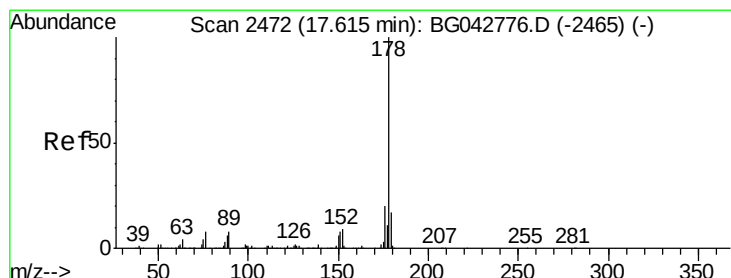
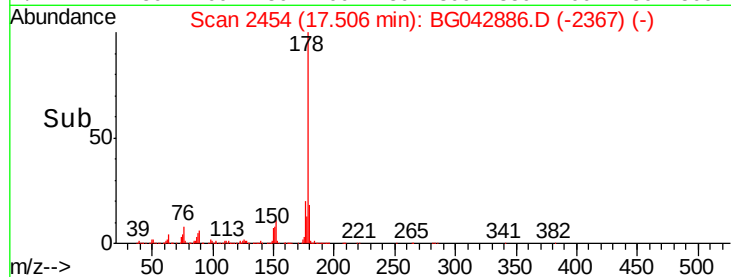
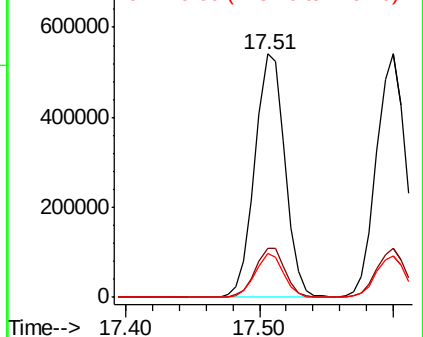
179 18.1 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.671 ng

RT: 17.60 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

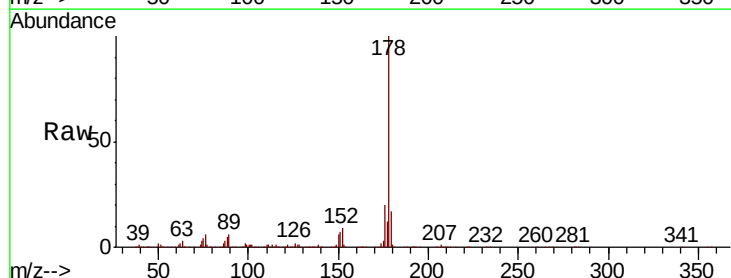
Tgt Ion:178 Resp: 830603

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

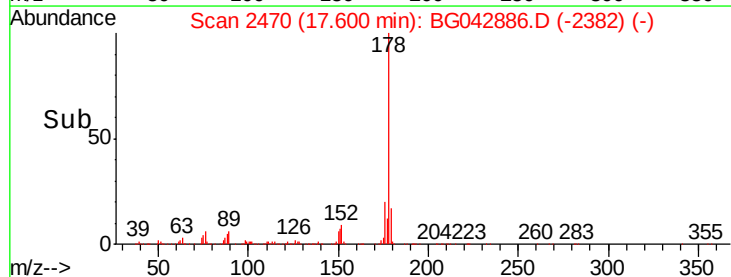
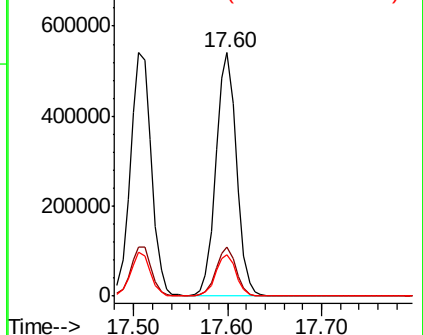
179 17.0 13.6 20.4

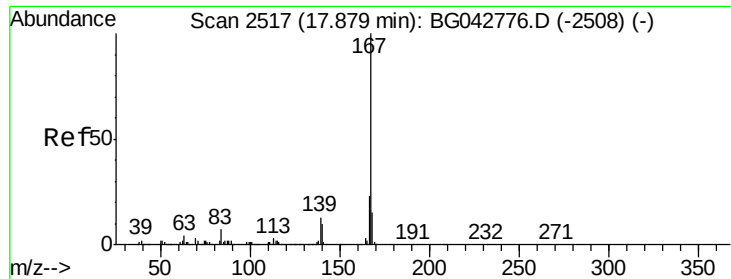


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

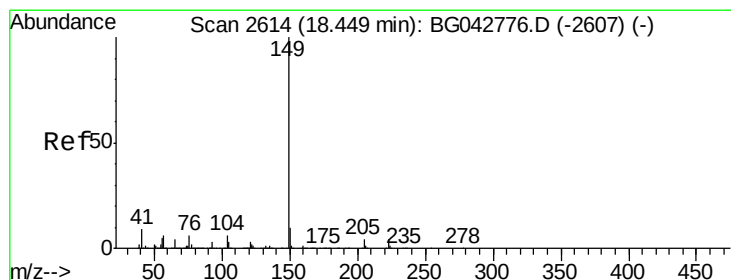
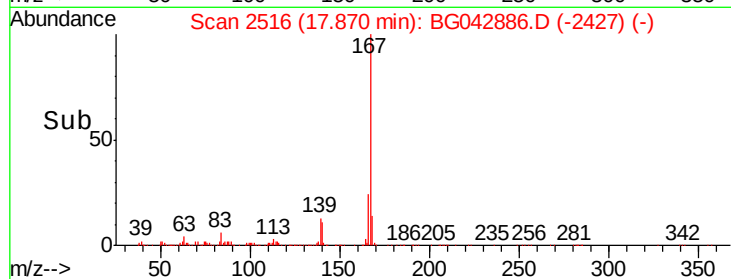
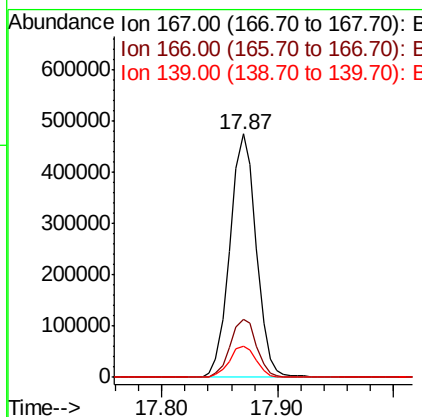
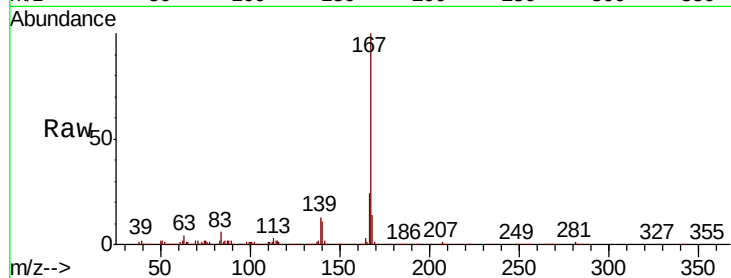




#73
 Carbazole
 Concen: 41.392 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

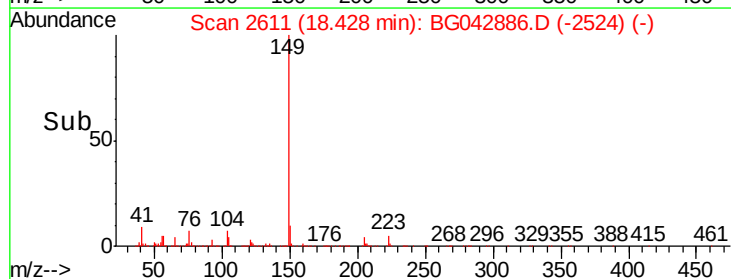
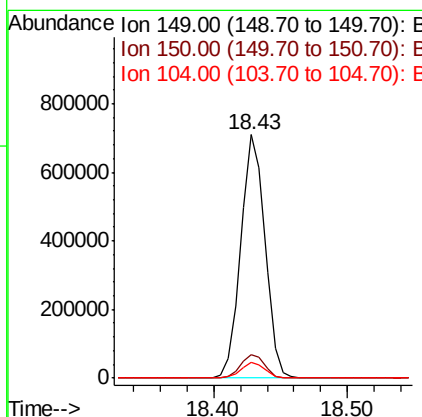
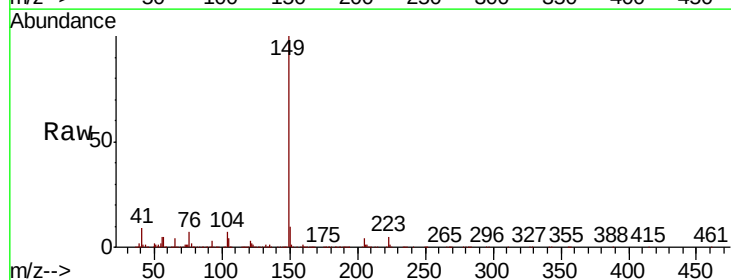
Instrument :
 BNA_G
 ClientSampleId :

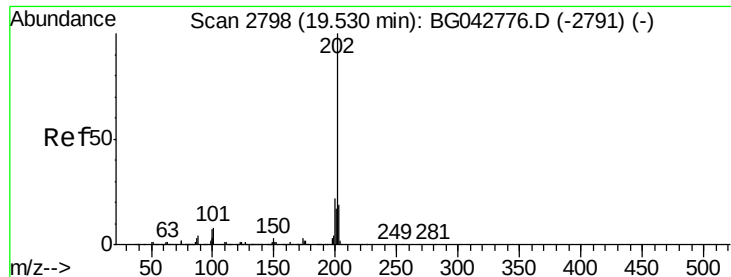
Tot Ion:167 Resp: 748246
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.3 27.5
 139 13.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.990 ng
 RT: 18.43 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BG042886.D
 Acq: 18 Sep 2019 9:18

Tgt Ion:149 Resp: 887618
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.0 12.0
 104 6.6 5.1 7.7





#75

Fluoranthene

Concen: 41.285 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

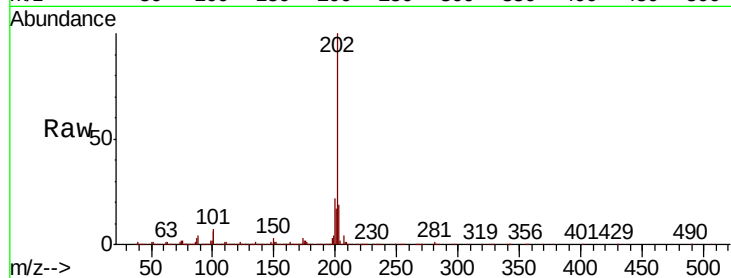
Tot Ion:202 Resp: 1018625

Ion Ratio Lower Upper

202 100

101 6.6 0.0 27.8

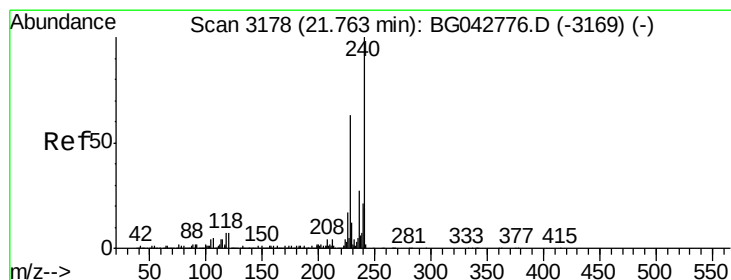
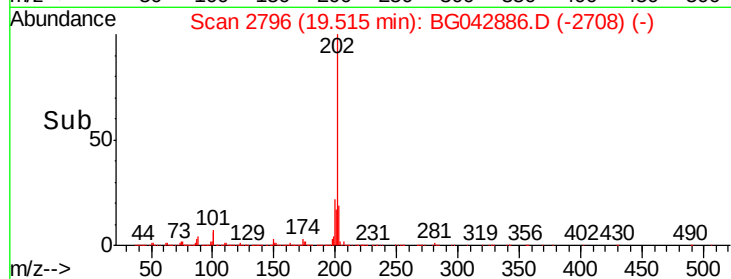
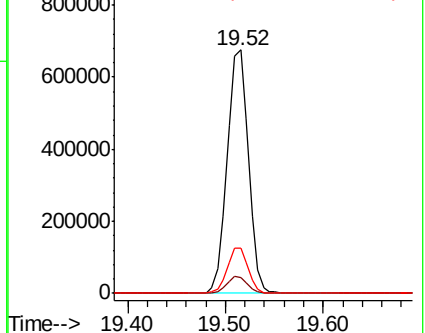
203 18.6 0.0 39.1



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: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

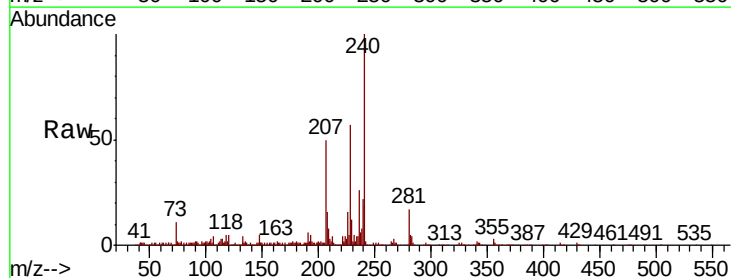
Tgt Ion:240 Resp: 348333

Ion Ratio Lower Upper

240 100

120 5.0 5.4 8.2#

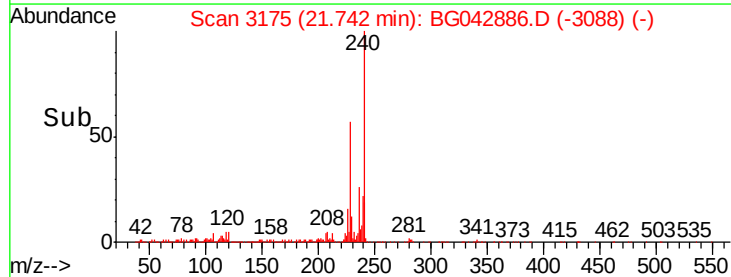
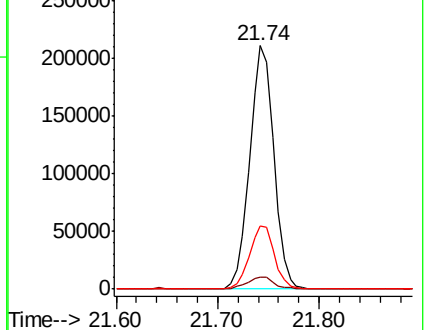
236 26.1 21.7 32.5

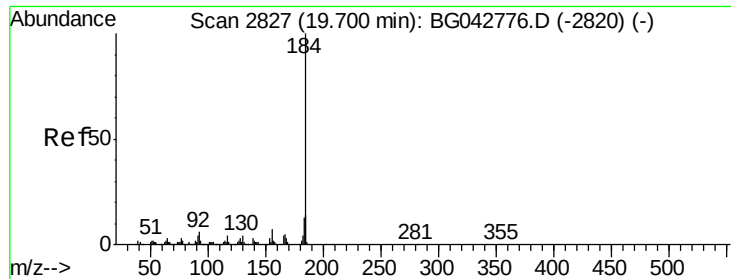


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.959 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampled :

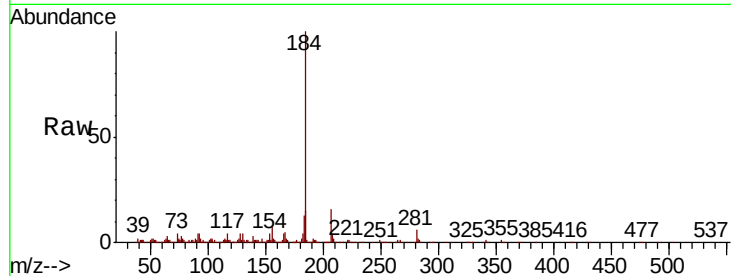
Tot Ion:184 Resp: 320758

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

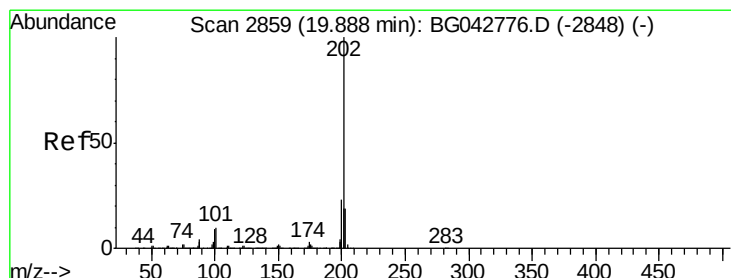
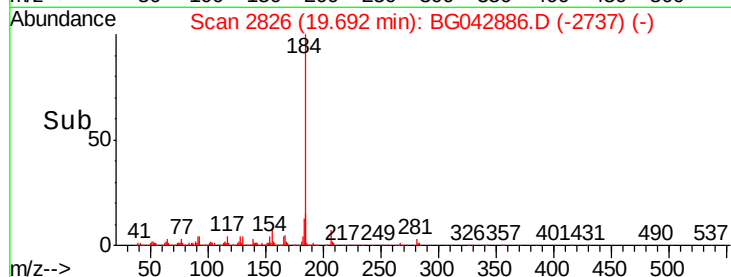
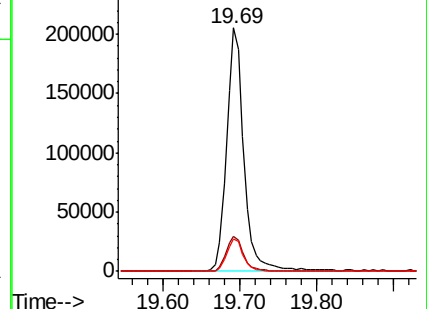
183 13.2 10.4 15.6



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: 46.193 ng

RT: 19.87 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

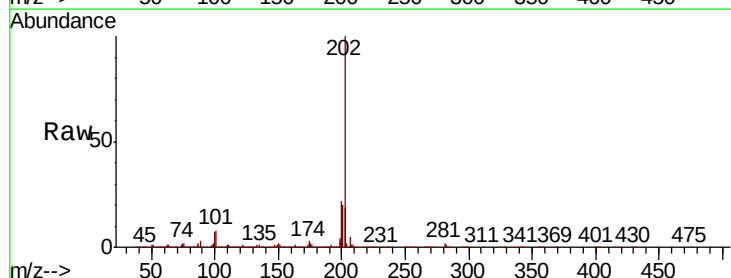
Tgt Ion:202 Resp: 1007379

Ion Ratio Lower Upper

202 100

200 22.3 18.5 27.7

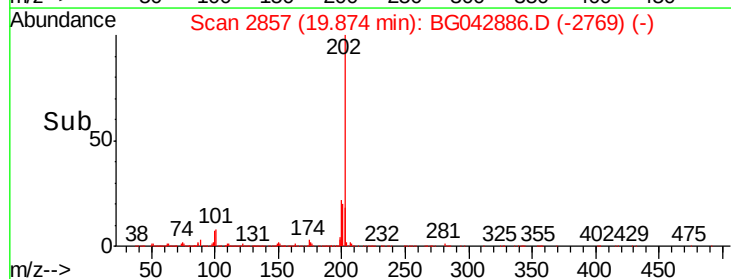
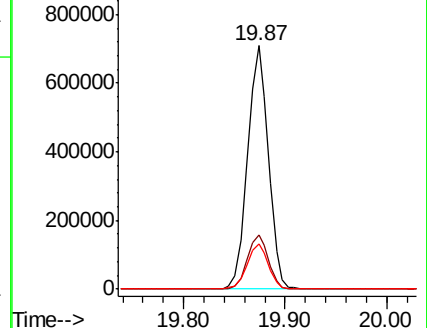
203 18.5 15.3 22.9

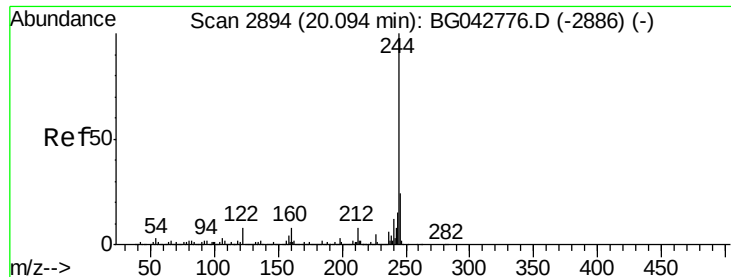


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.056 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

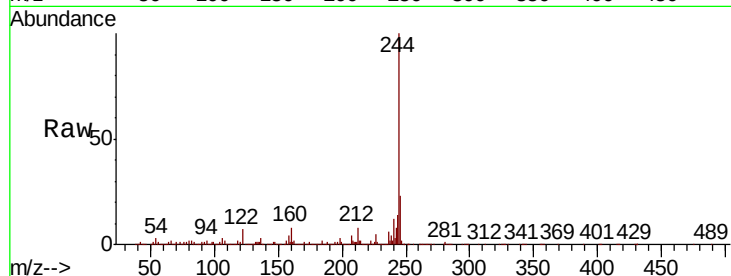
Tot Ion:244 Resp: 1572579

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

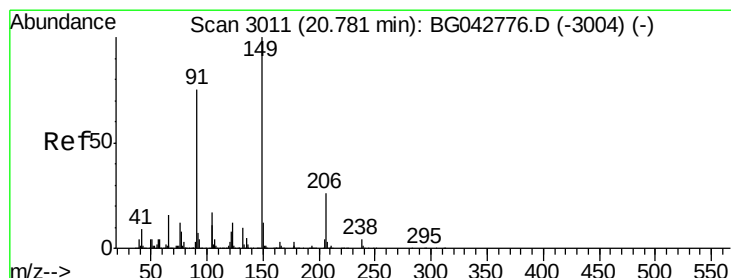
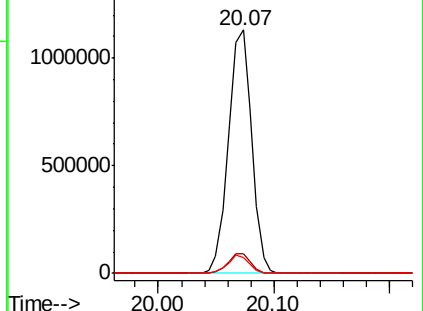
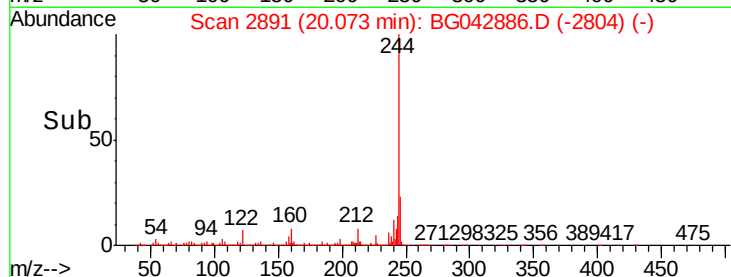
122 6.7 6.2 9.4



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: 41.570 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

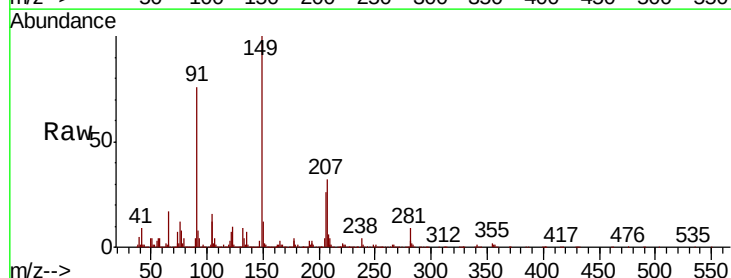
Tgt Ion:149 Resp: 366893

Ion Ratio Lower Upper

149 100

91 75.8 60.2 90.2

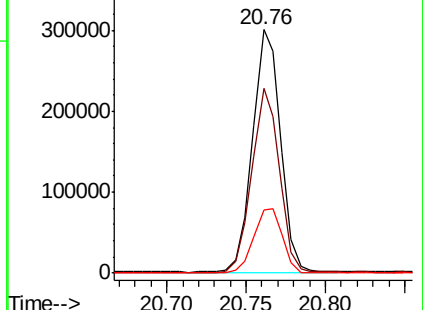
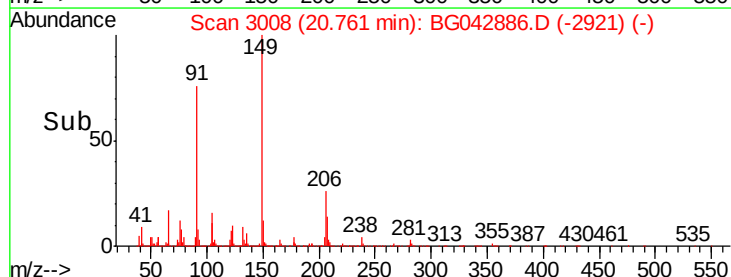
206 25.9 20.6 30.8

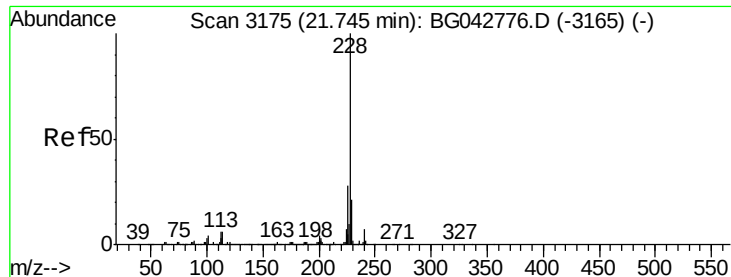


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.975 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

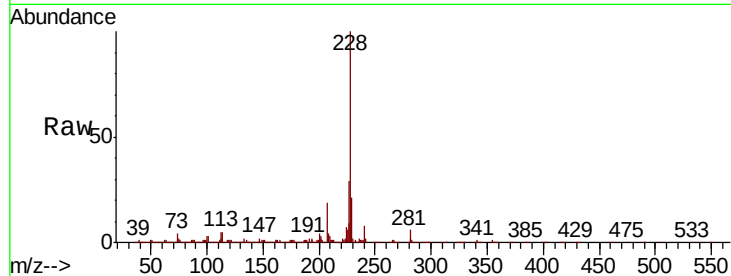
Tot Ion:228 Resp: 951791

Ion Ratio Lower Upper

228 100

226 28.6 22.5 33.7

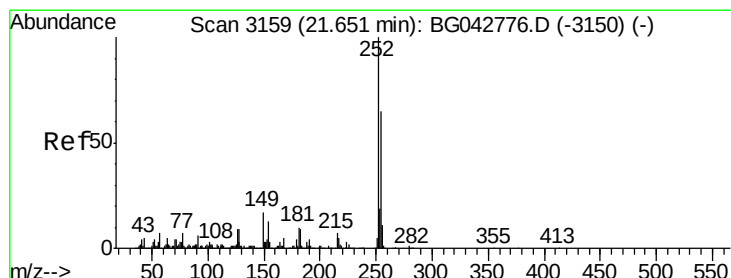
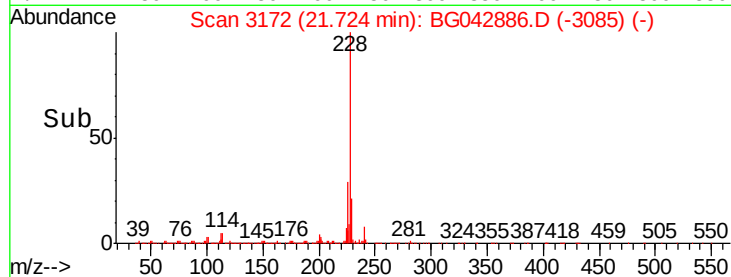
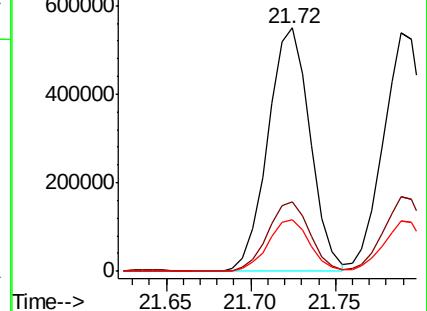
229 21.4 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.689 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

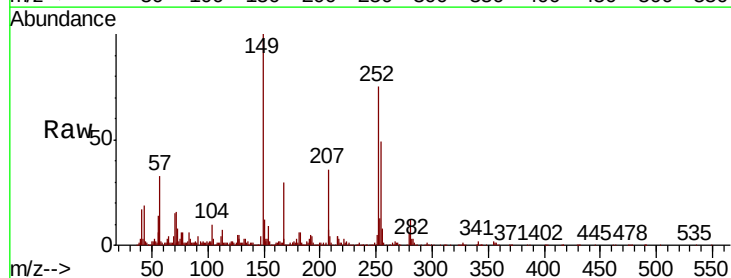
Tgt Ion:252 Resp: 358816

Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

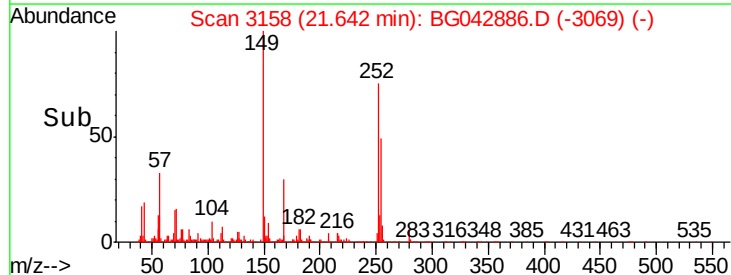
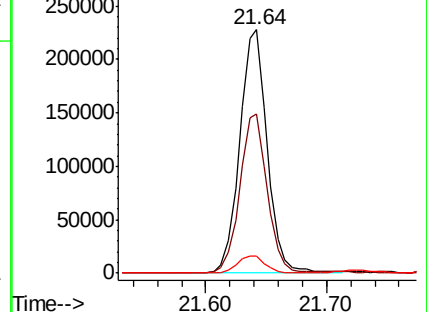
126 7.0 7.0 10.4

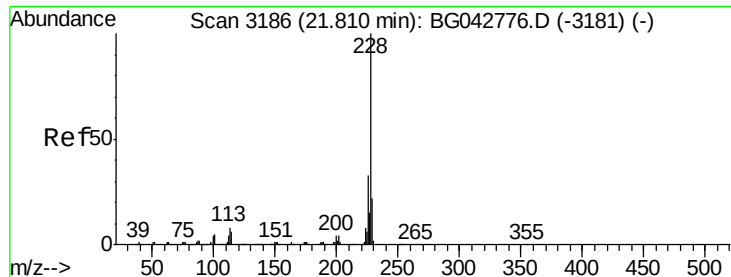


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.815 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

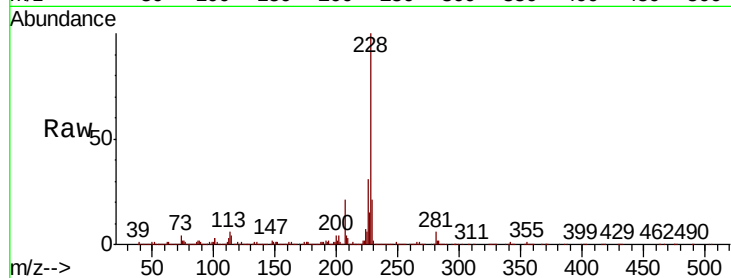
Tot Ion:228 Resp: 919176

Ion Ratio Lower Upper

228 100

226 31.3 26.0 39.0

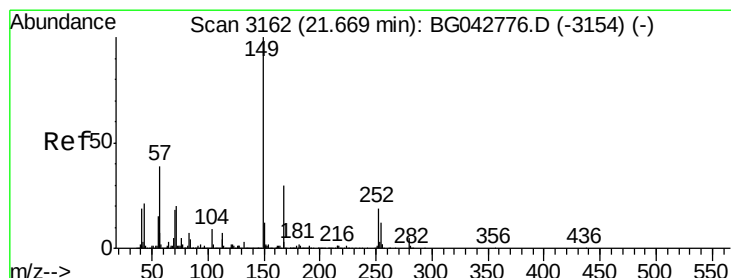
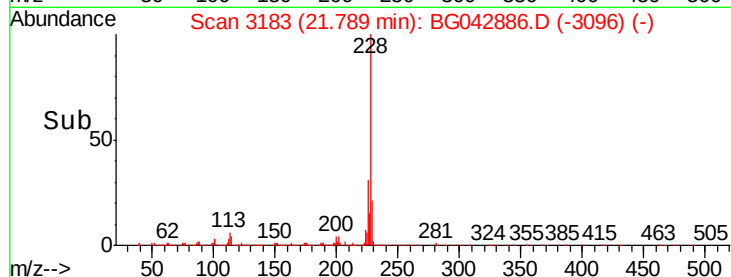
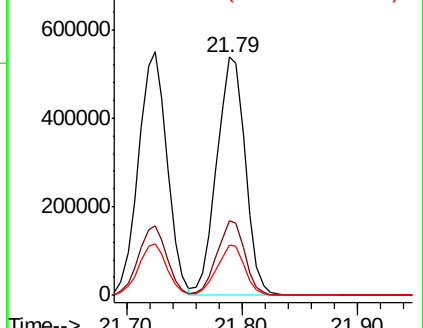
229 21.3 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.726 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

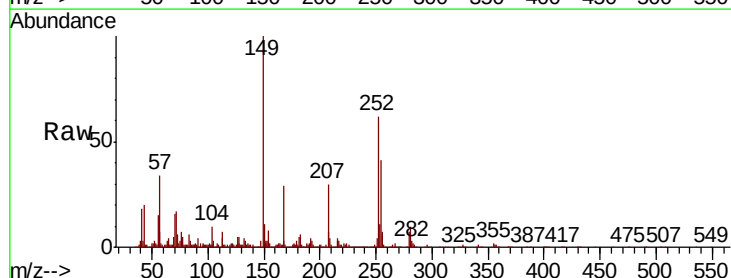
Tgt Ion:149 Resp: 479075

Ion Ratio Lower Upper

149 100

167 28.8 24.3 36.5

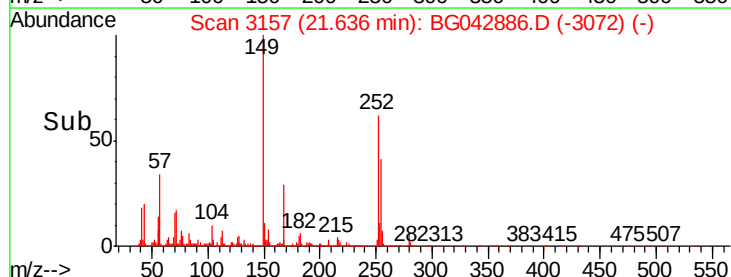
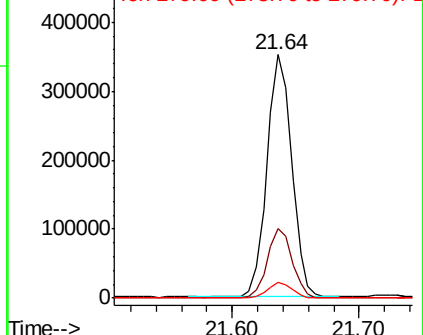
279 6.6 4.2 6.4#

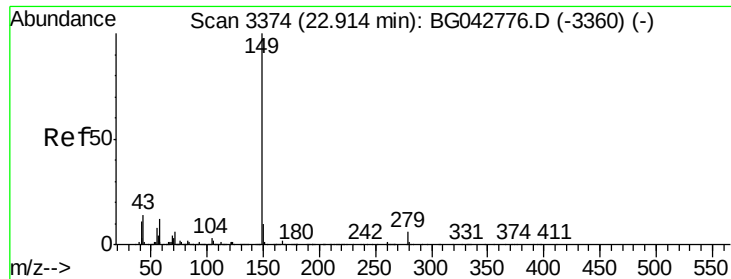


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

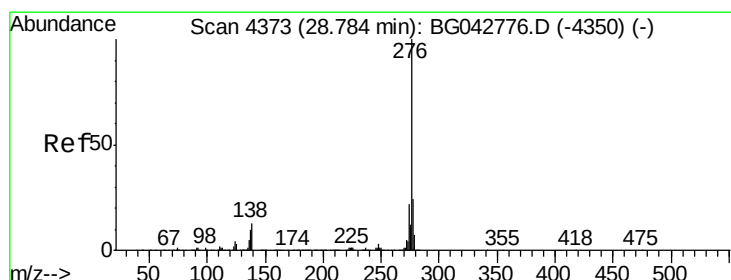
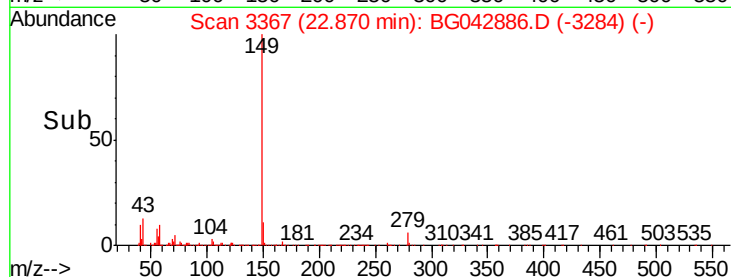
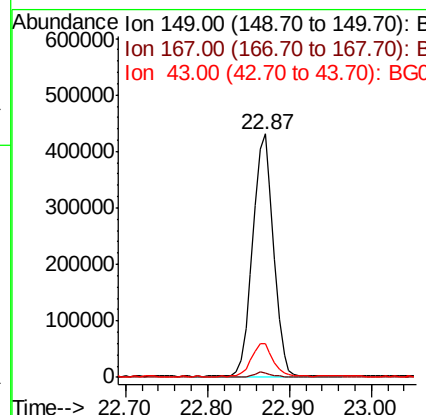
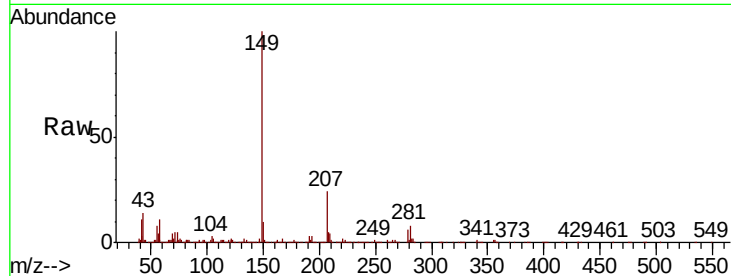




#85
Di-n-octyl phthalate
Concen: 37.085 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.04 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

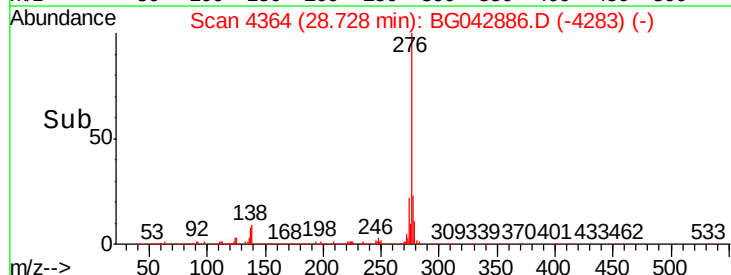
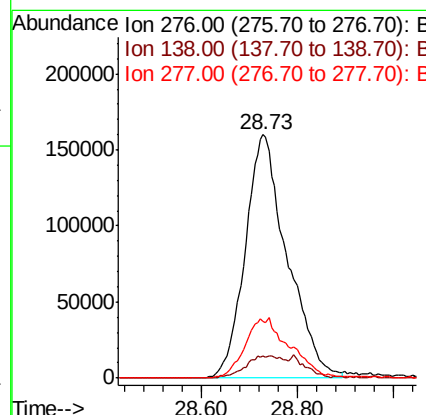
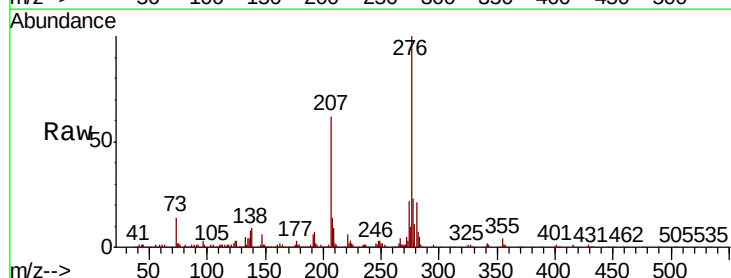
Instrument :
BNA_G
ClientSampled :

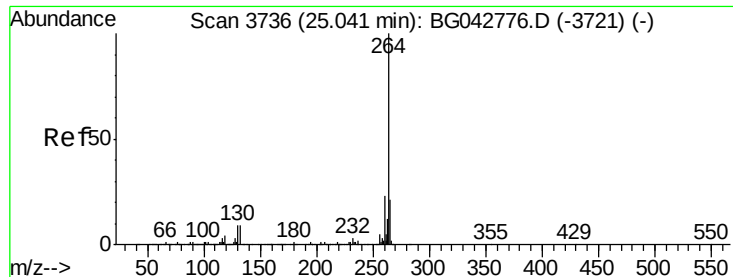
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	14.0	10.6	15.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.363 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.06 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.7	9.3	13.9#
277	26.3	17.2	25.8#

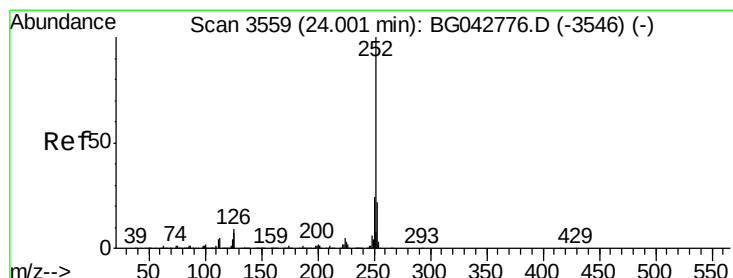
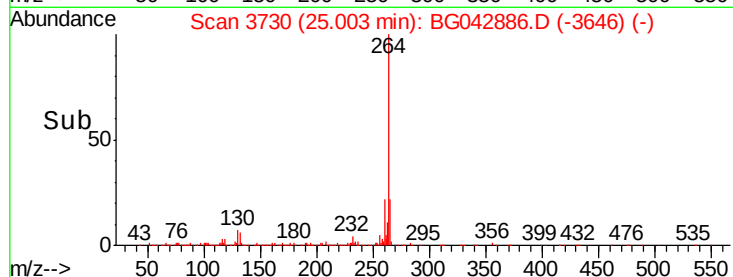
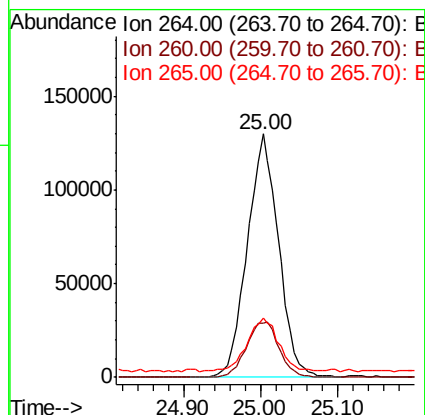
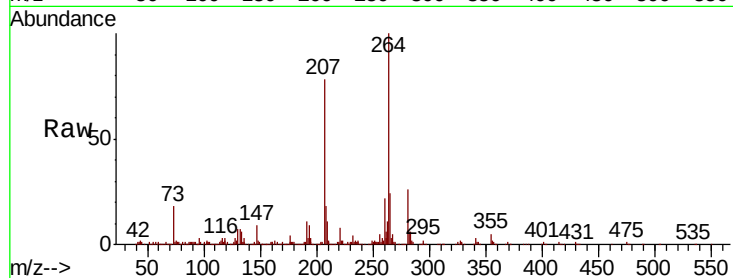




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

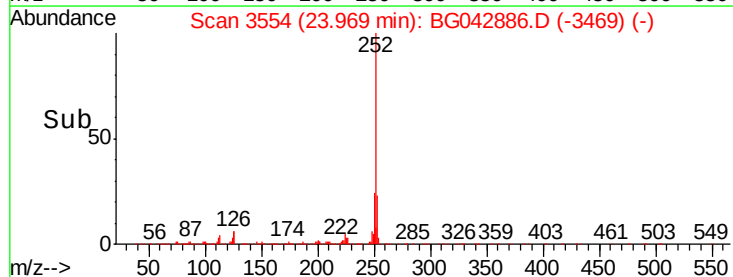
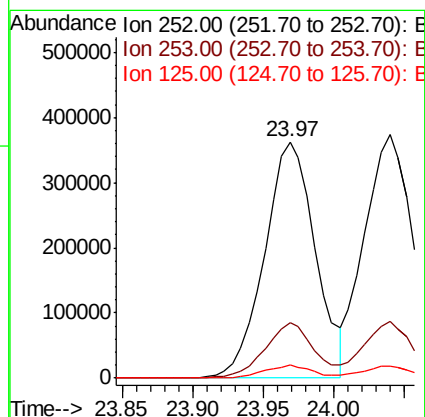
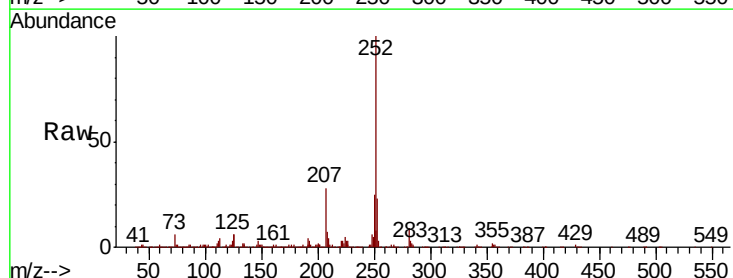
Instrument :
BNA_G
ClientSampleId :

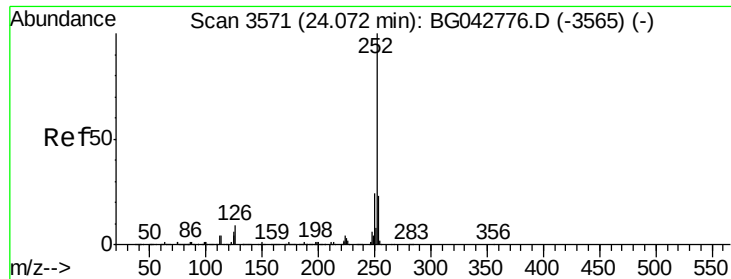
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.2
265	24.5	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 41.981 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.03 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	5.7	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 44.442 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.10 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

Instrument :

BNA_G

ClientSampleId :

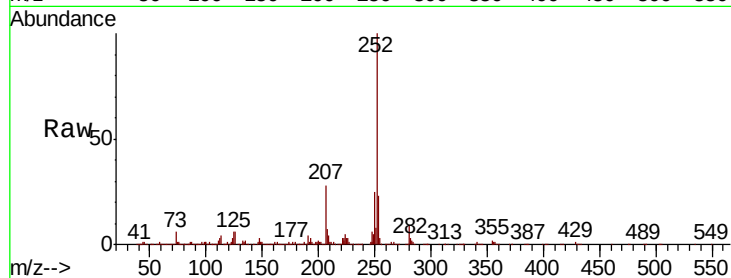
Tot Ion:252 Resp: 907607

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

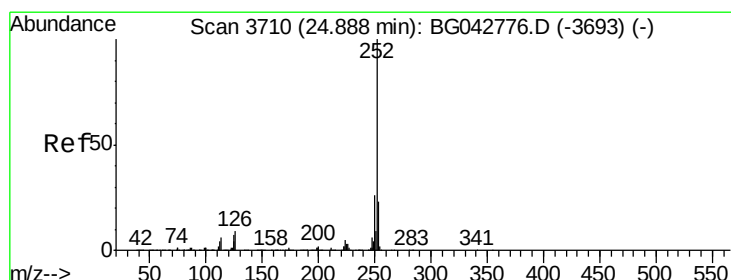
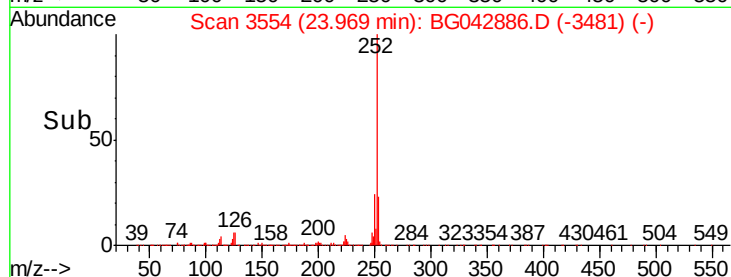
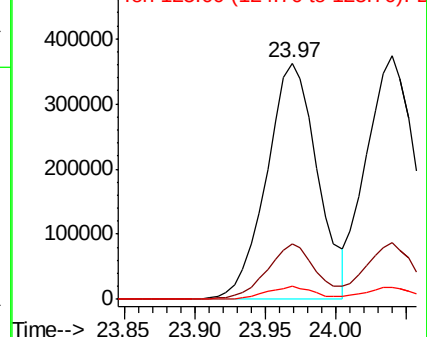
125 5.7 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.488 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG042886.D

Acq: 18 Sep 2019 9:18

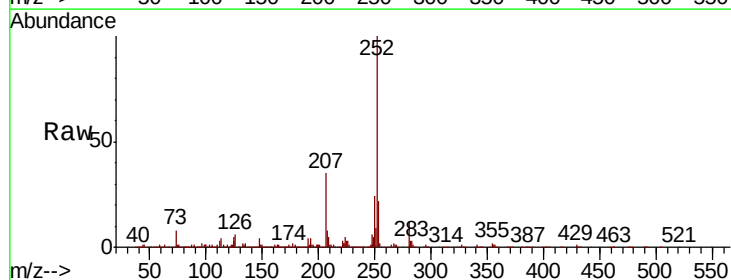
Tgt Ion:252 Resp: 860129

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

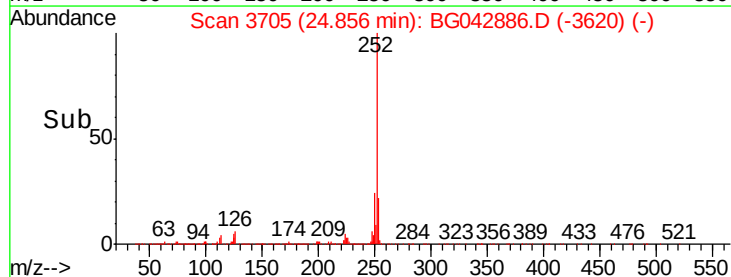
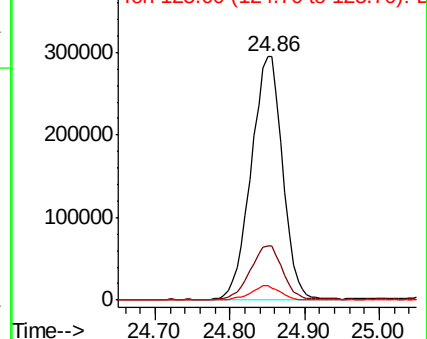
125 4.9 5.7 8.5#

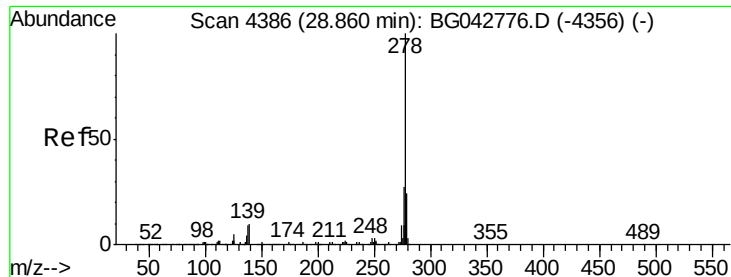


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

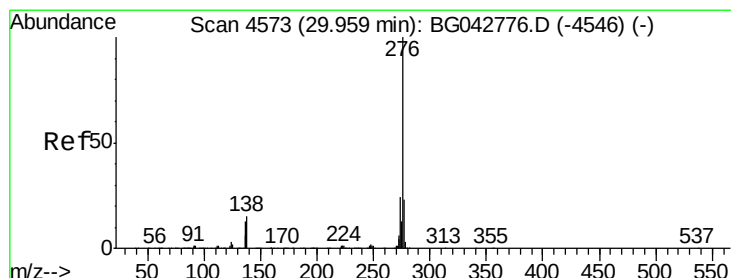
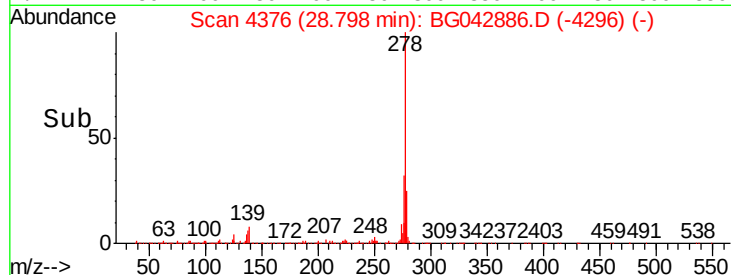
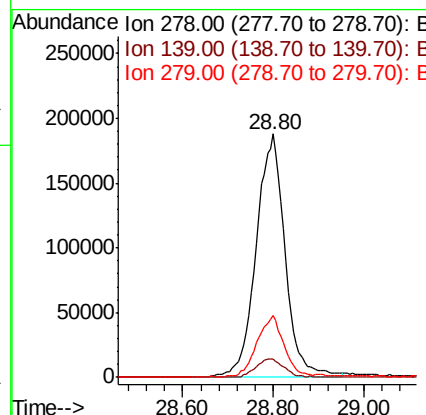
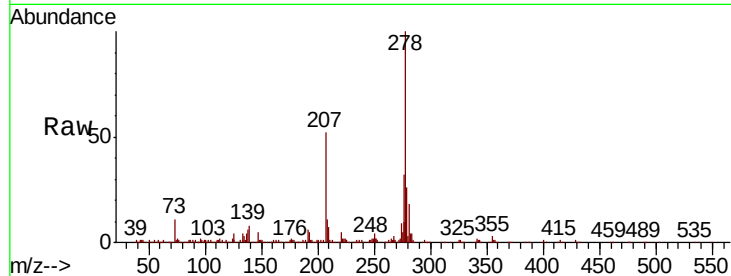




#91
Dibenzo(a,h)anthracene
Concen: 41.802 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.06 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.8	8.2	12.2#
279	25.5	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 38.538 ng
RT: 29.89 min Scan# 4561
Delta R.T. -0.07 min
Lab File: BG042886.D
Acq: 18 Sep 2019 9:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	9.4	11.8	17.8#

