

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042884.D
 Acq On : 18 Sep 2019 1:45
 Operator : HP/JU
 Sample : K4871-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 02:33:29 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	66627	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	270184	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	186839	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	399640	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	362483	20.00	ng	0.00
87) Perylene-d12	25.02	264	386384	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	246298	64.27	ng	0.02
7) Phenol-d6	7.30	99	247056	44.91	ng	0.03
23) Nitrobenzene-d5	9.27	82	501490	96.63	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	381151	153.33	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1132895	95.98	ng	-0.02
79) Terphenyl-d14	20.08	244	1604146	98.08	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	17101	9.778	ng	# 80
3) Pyridine	4.03	79	31730	6.025	ng	95
4) n-Nitrosodimethylamine	3.91	42	34165	13.333	ng	88
6) Aniline	7.44	93	109198	14.714	ng	96
8) 2-Chlorophenol	7.68	128	162416	39.207	ng	96
9) Benzaldehyde	7.25	77	82551	23.062	ng	95
10) Phenol	7.33	94	114780	20.347	ng	96
11) bis(2-Chloroethyl)ether	7.53	93	180190	41.620	ng	99
12) 1,3-Dichlorobenzene	8.00	146	177755	35.181	ng	98
13) 1,4-Dichlorobenzene	8.14	146	183858	36.346	ng	98
14) 1,2-Dichlorobenzene	8.46	146	177505	36.863	ng	98
15) Benzyl Alcohol	8.36	79	109772	23.254	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	381232	40.099	ng	98
17) 2-Methylphenol	8.57	107	127299	33.731	ng	93
18) Hexachloroethane	9.19	117	65979	35.329	ng	95
19) n-Nitroso-di-n-propylamine	8.93	70	169605	41.844	ng	98
20) 3+4-Methylphenols	8.90	107	153645	29.534	ng	97
22) Acetophenone	8.94	105	303207	44.435	ng	97
24) Nitrobenzene	9.32	77	257033	47.186	ng	98
25) Isophorone	9.86	82	464171	42.910	ng	# 96
26) 2-Nitrophenol	10.02	139	114905	53.644	ng	# 93
27) 2,4-Dimethylphenol	10.10	122	177855	46.939	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	256963	42.596	ng	99
29) 2,4-Dichlorophenol	10.58	162	212268	48.209	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	217720	40.500	ng	99
31) Naphthalene	10.96	128	572859	42.943	ng	99
32) Benzoic acid	10.21	122	20450	11.808	ng	95
33) 4-Chloroaniline	11.07	127	90014	14.437	ng	95
34) Hexachlorobutadiene	11.25	225	145159	38.540	ng	97
35) Caprolactam	11.96	113	8655	5.286	ng	# 89
36) 4-Chloro-3-methylphenol	12.21	107	211133	44.163	ng	97
37) 2-Methylnaphthalene	12.56	142	449459	44.978	ng	97
38) 1-Methylnaphthalene	12.78	142	422419	45.071	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	303819	49.209	ng	99

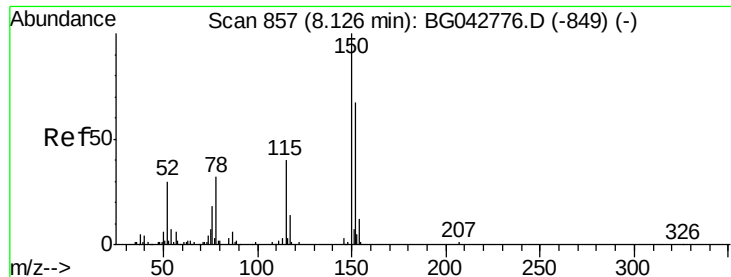
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042884.D
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 BNA_G
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Quant Time: Sep 18 02:33:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : 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)
41) Hexachlorocyclopentadiene	12.91	237	399356	112.911	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	212281	51.645	nq	96
44) 2,4,5-Trichlorophenol	13.25	196	219552	52.148	nq	95
46) 1,1'-Biphenyl	13.56	154	622073	47.560	nq	99
47) 2-Chloronaphthalene	13.61	162	490140	45.299	nq	99
48) 2-Nitroaniline	13.81	65	174153	46.398	nq	98
49) Acenaphthylene	14.45	152	768469	46.476	nq	98
50) Dimethylphthalate	14.19	163	697604	49.841	nq	99
51) 2,6-Dinitrotoluene	14.30	165	147393	51.321	nq	98
52) Acenaphthene	14.79	154	467499	43.278	nq	99
53) 3-Nitroaniline	14.64	138	53591	16.626	nq	96
54) 2,4-Dinitrophenol	14.84	184	177166	125.309	nq	# 72
55) Dibenzofuran	15.12	168	757595	47.184	nq	97
56) 4-Nitrophenol	14.97	139	84218	33.793	nq	90
57) 2,4-Dinitrotoluene	15.08	165	201430	52.619	nq	99
58) Fluorene	15.77	166	629045	47.272	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	217101	53.194	nq	92
60) Diethylphthalate	15.55	149	619290	43.589	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	371011	47.155	nq	99
62) 4-Nitroaniline	15.80	138	114436	32.937	nq	87
63) Azobenzene	16.06	77	602398	44.030	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	133640	78.152	nq	92
66) n-Nitrosodiphenylamine	15.98	169	565055	52.544	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	241813	49.991	nq	96
68) Hexachlorobenzene	16.77	284	253713	49.087	nq	98
69) Atrazine	16.95	200	184662	49.310	nq	99
70) Pentachlorophenol	17.13	266	349144	113.870	nq	94
71) Phenanthrene	17.51	178	935051	48.924	nq	100
72) Anthracene	17.60	178	953011	49.911	nq	99
73) Carbazole	17.88	167	857482	47.249	nq	97
74) Di-n-butylphthalate	18.44	149	951376	43.762	nq	99
75) Fluoranthene	19.52	202	1120841	45.250	nq	98
78) Pyrene	19.88	202	1132104	49.886	nq	98
80) Butylbenzylphthalate	20.78	149	406737	44.285	nq	99
81) Benzo(a)anthracene	21.73	228	1067947	46.337	nq	99
83) Chrysene	21.80	228	1032739	47.306	nq	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	549048	43.751	nq	97
85) Di-n-octyl phthalate	22.88	149	893684	41.774	nq	98
86) Indeno(1,2,3-cd)pyrene	28.76	276	1219704	45.116	nq	# 90
88) Benzo(b)fluoranthene	23.99	252	1066689	47.016	nq	# 97
89) Benzo(k)fluoranthene	24.05	252	1018979	47.546	nq	99
90) Benzo(a)pyrene	24.88	252	1011908	47.633	nq	# 98
91) Dibenzo(a,h)anthracene	28.82	278	1026568	49.132	nq	# 97
92) Benzo(g,h,i)perylene	29.93	276	1004493	49.287	nq	# 95

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

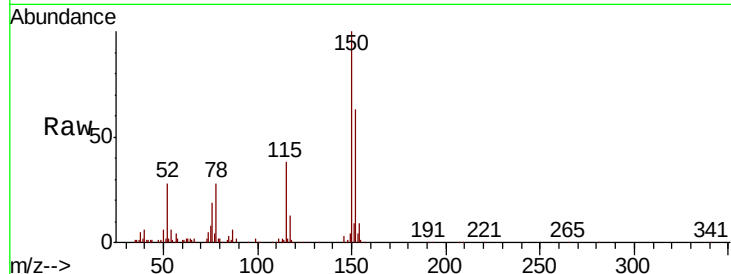


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	118.9	178.3
115	59.9	47.4	71.2

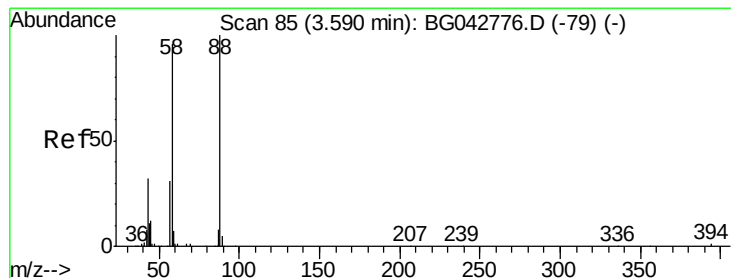
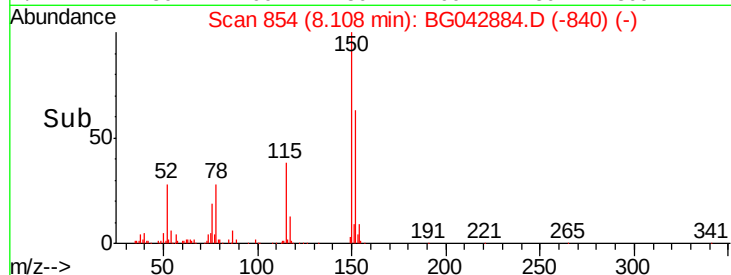
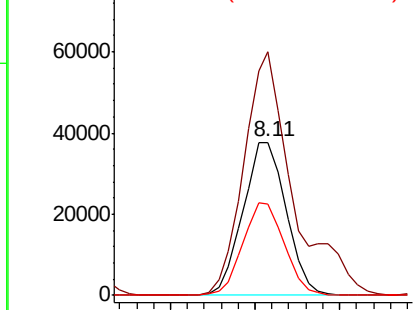


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

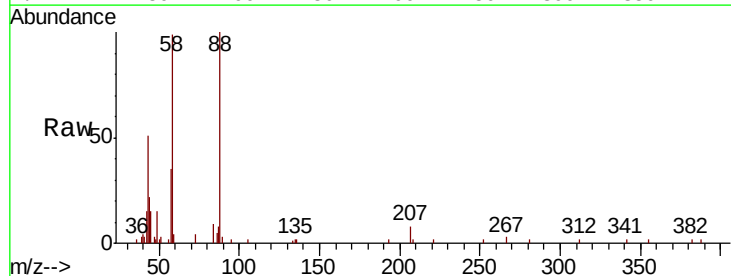
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 9.778 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.4	79.1	118.7
43	0.0	30.4	45.6

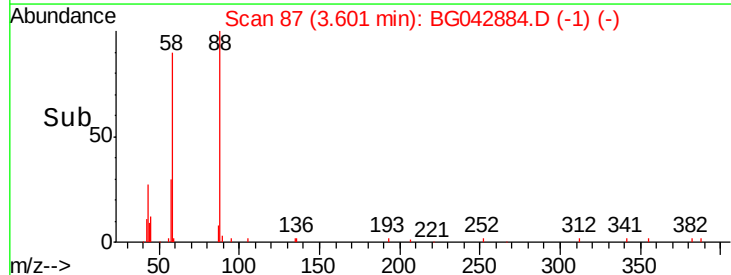
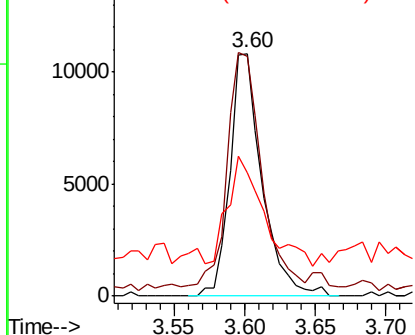


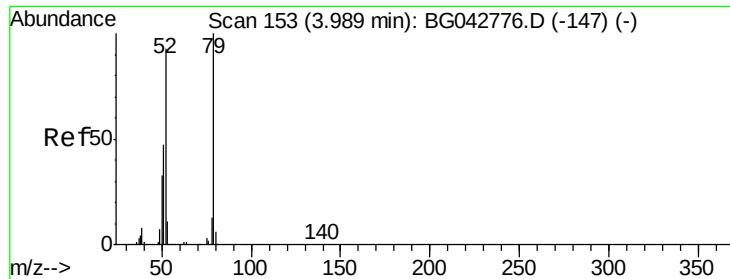
Abundance

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: 6.025 ng

RT: 4.03 min Scan# 160

Delta R.T. 0.04 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

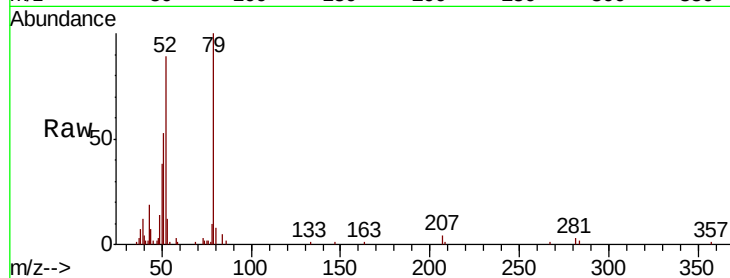
Tot Ion: 79 Resp: 31730

Ion Ratio Lower Upper

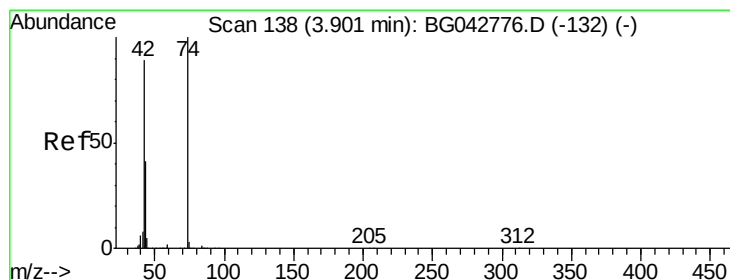
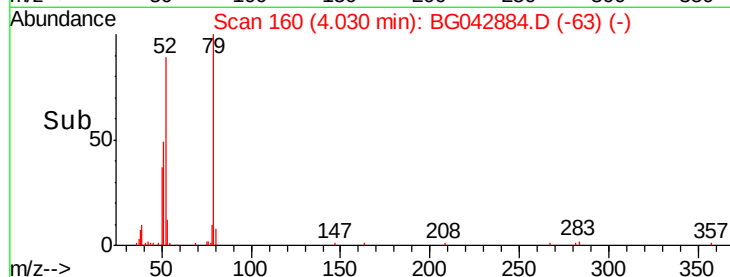
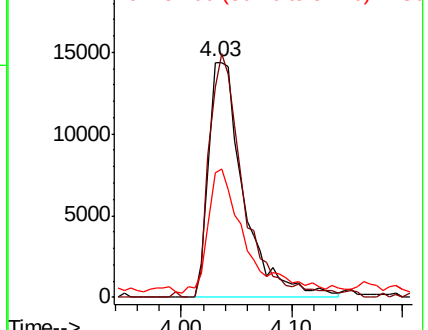
79 100

52 89.4 74.0 111.0

51 52.9 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 13.333 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

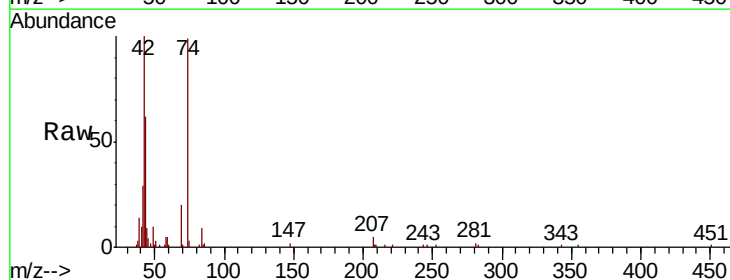
Tgt Ion: 42 Resp: 34165

Ion Ratio Lower Upper

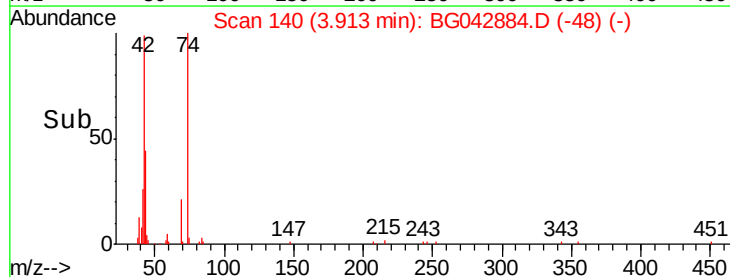
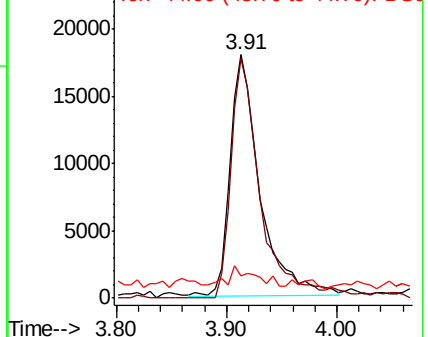
42 100

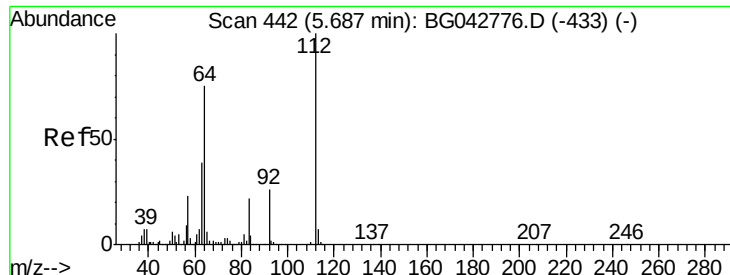
74 98.6 90.2 135.2

44 9.2 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 64.268 ng

RT: 5.70 min Scan# 445

Delta R.T. 0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

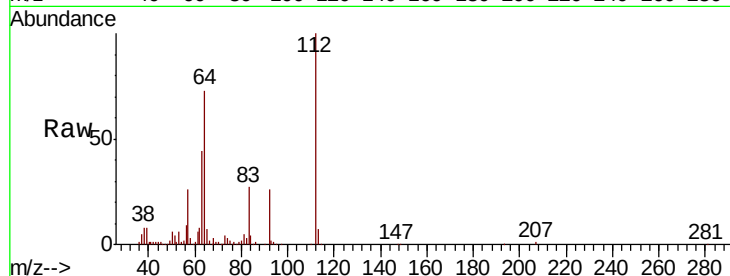
Tot Ion:112 Resp: 246298

Ion Ratio Lower Upper

112 100

64 72.5 60.2 90.2

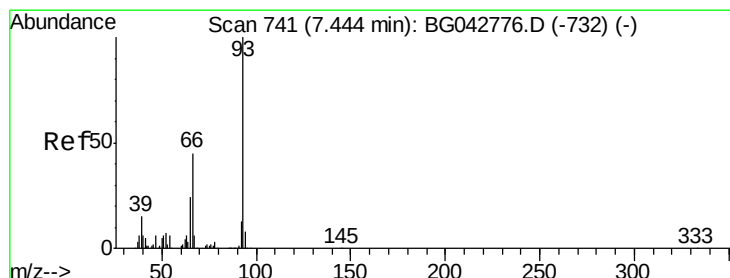
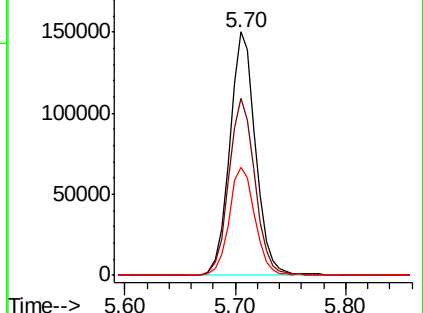
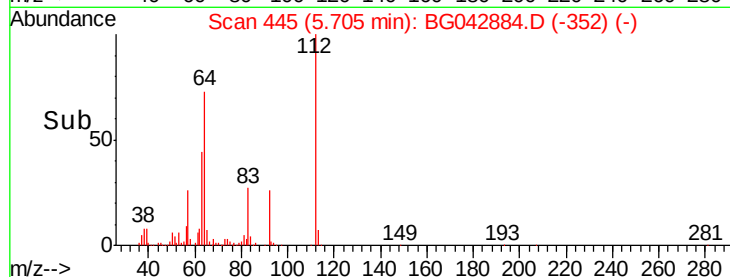
63 44.3 31.2 46.8



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: 14.714 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

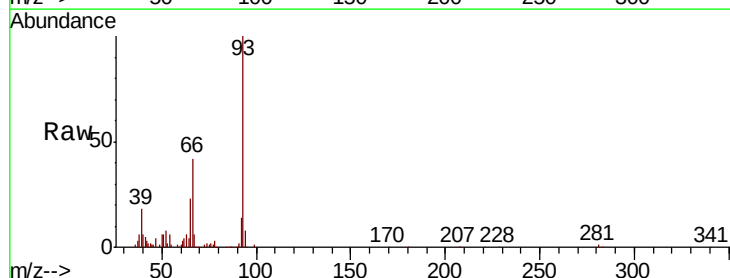
Tgt Ion: 93 Resp: 109198

Ion Ratio Lower Upper

93 100

66 42.0 36.3 54.5

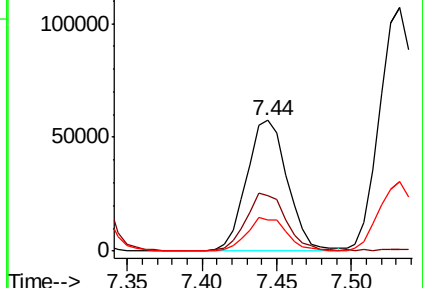
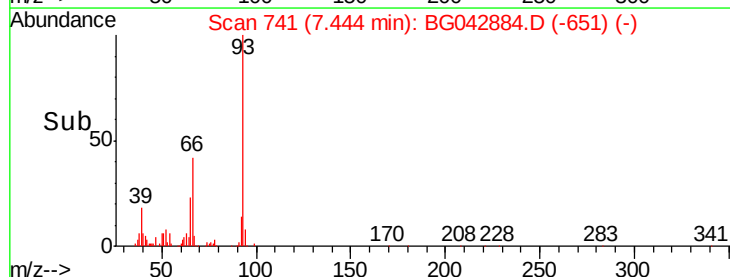
65 23.4 19.3 28.9

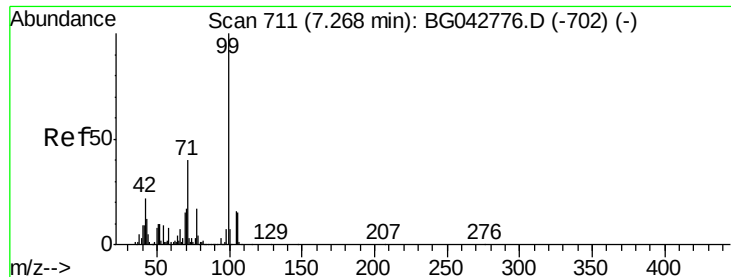


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 44.914 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.03 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

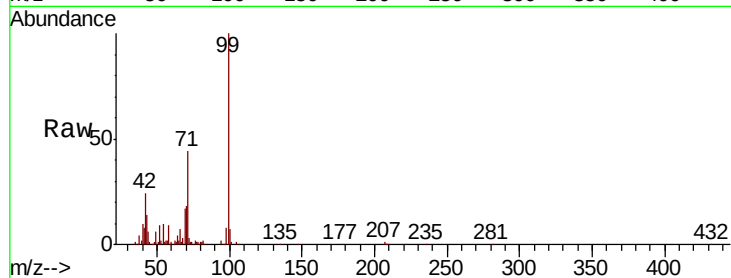
Tot Ion: 99 Resp: 247056

Ion Ratio Lower Upper

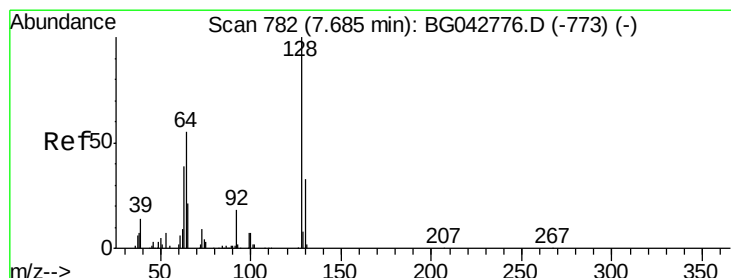
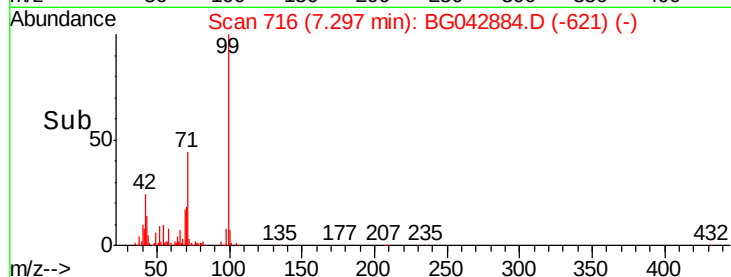
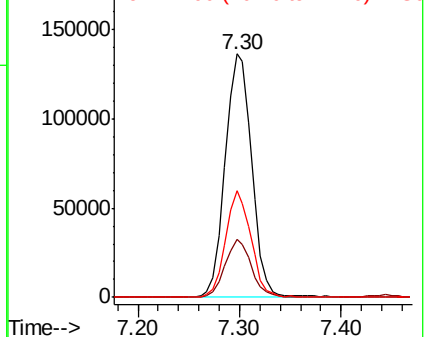
99 100

42 23.7 17.5 26.3

71 43.9 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.207 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

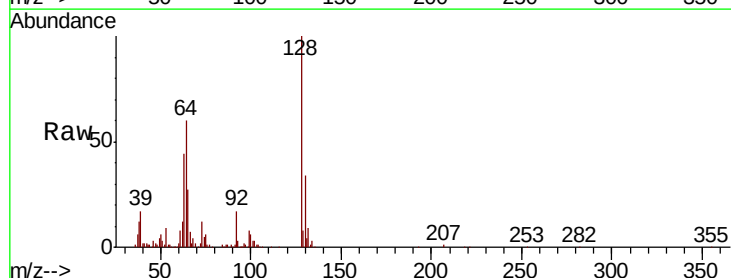
Tgt Ion: 128 Resp: 162416

Ion Ratio Lower Upper

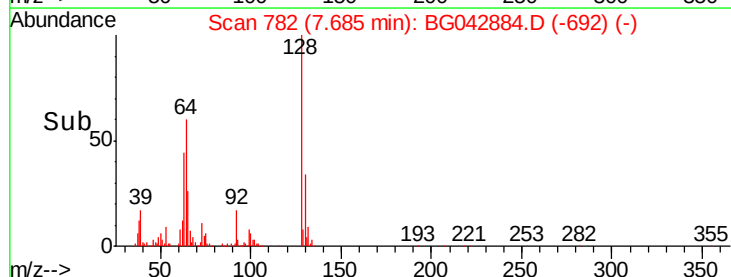
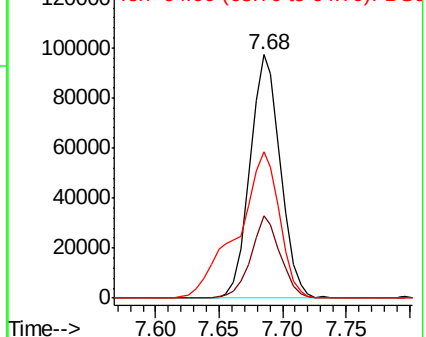
128 100

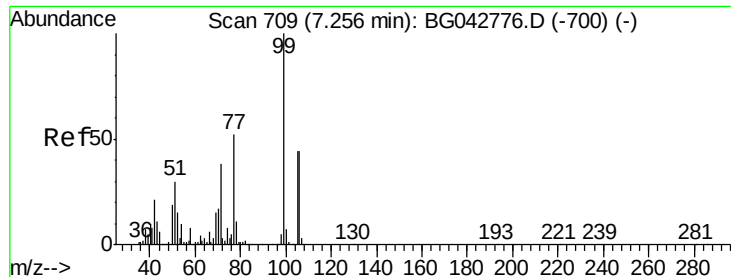
130 33.8 12.8 52.8

64 60.1 36.8 76.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 23.062 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

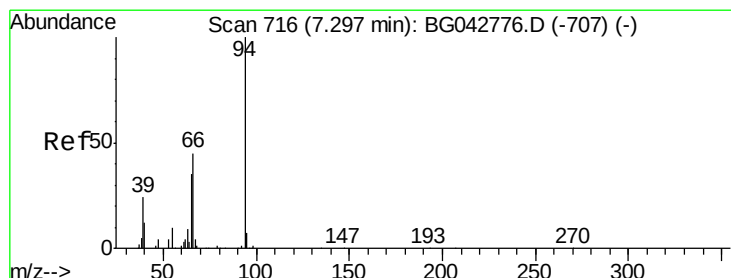
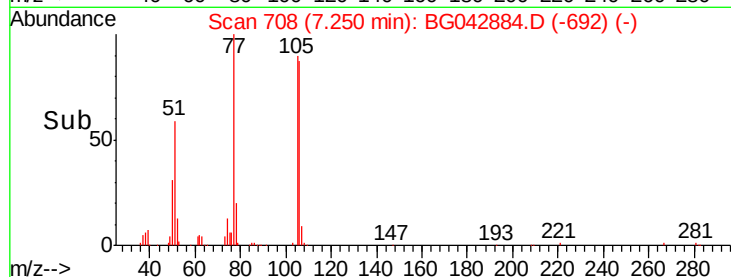
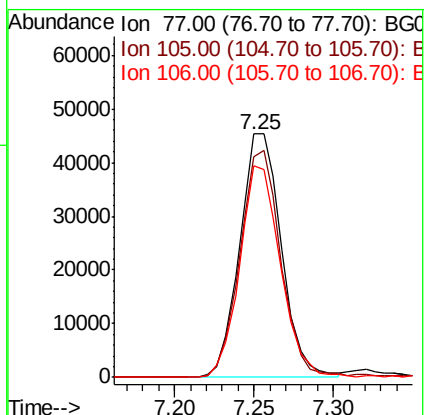
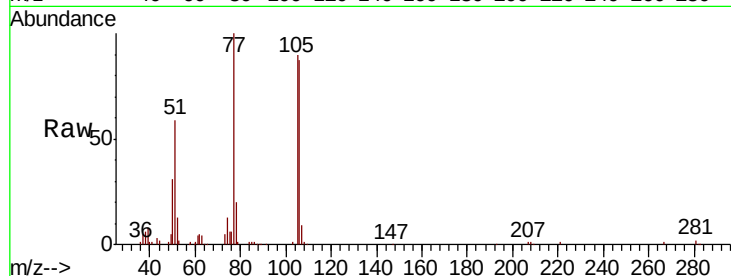
Tot Ion: 77 Resp: 82551

Ion Ratio Lower Upper

77 100

105 90.3 64.5 104.5

106 86.8 63.4 103.4



#10

Phenol

Concen: 20.347 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.03 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

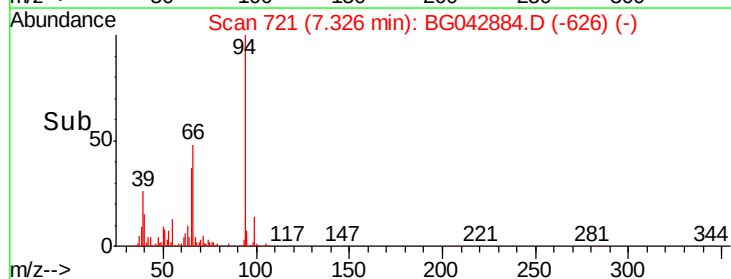
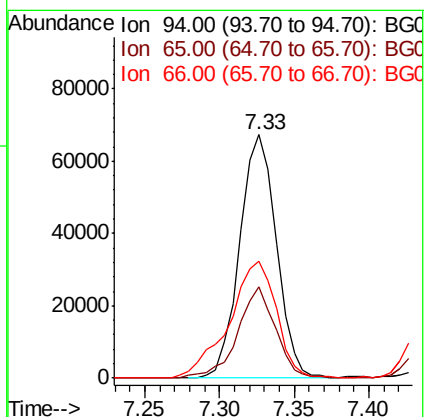
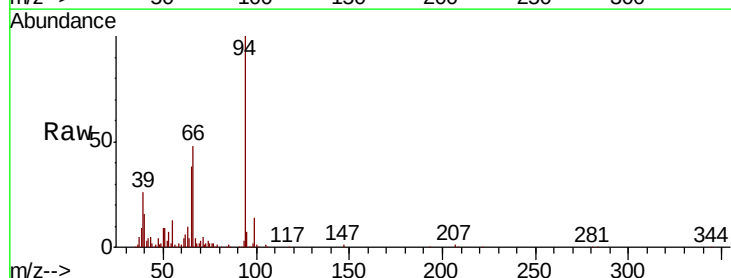
Tgt Ion: 94 Resp: 114780

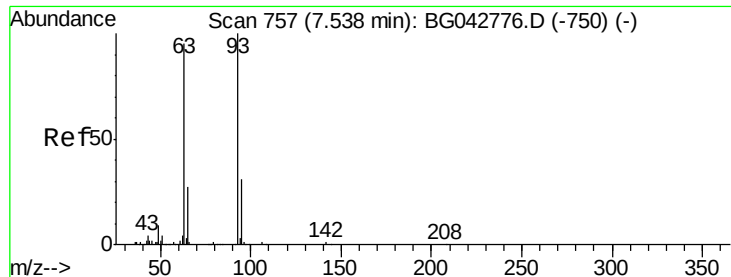
Ion Ratio Lower Upper

94 100

65 37.6 15.0 55.0

66 48.1 26.1 66.1

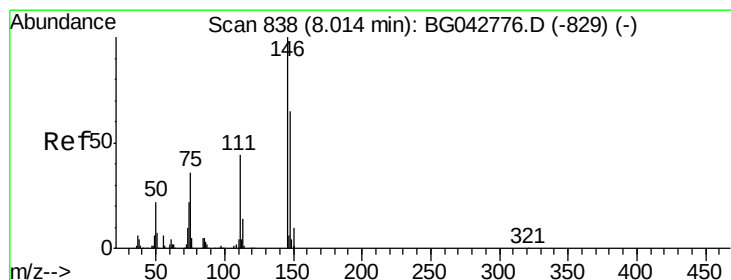
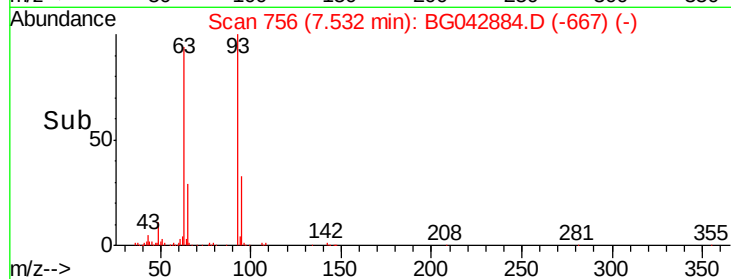
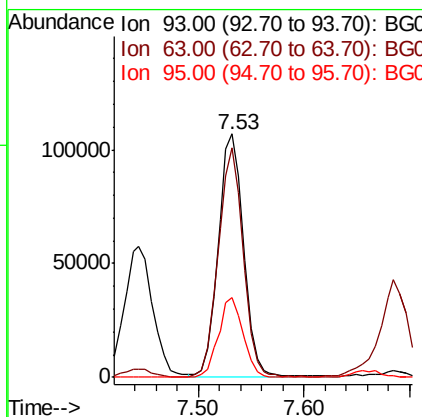
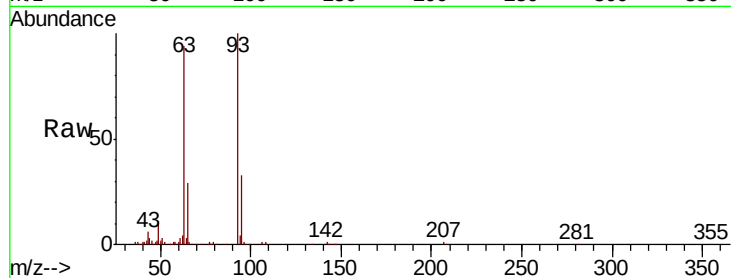




#11
bis(2-Chloroethyl)ether
Concen: 41.620 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

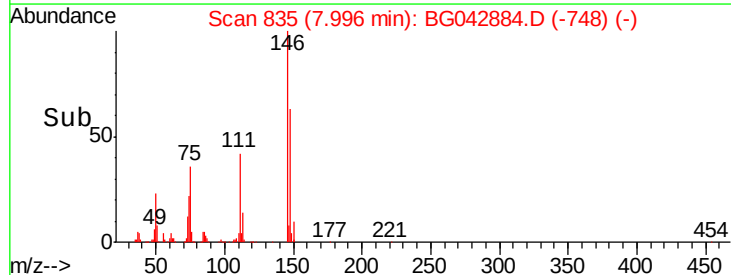
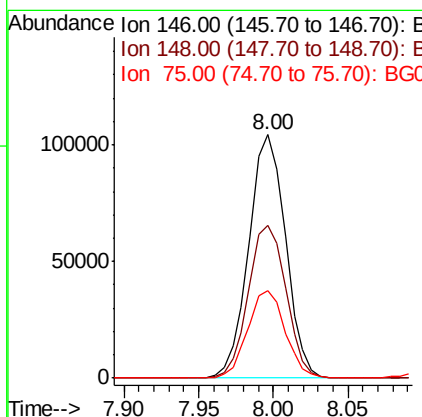
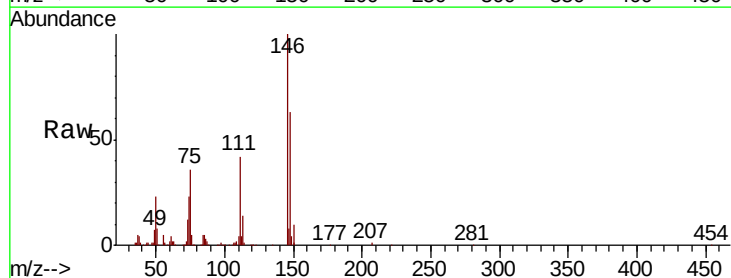
Instrument :
BNA_G
ClientSampleId :

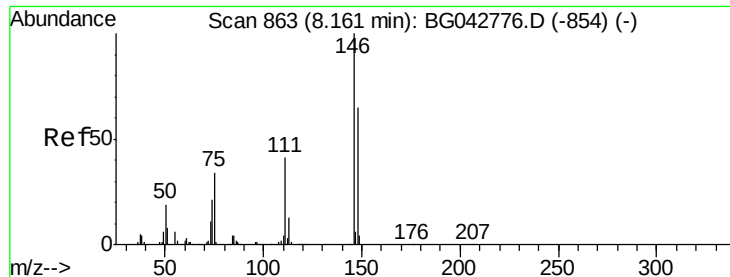
Tot Ion	Ratio	Lower	Upper
93	100		
63	94.4	74.7	114.7
95	32.7	11.1	51.1



#12
1,3-Dichlorobenzene
Concen: 35.181 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
75	36.0	28.4	42.6

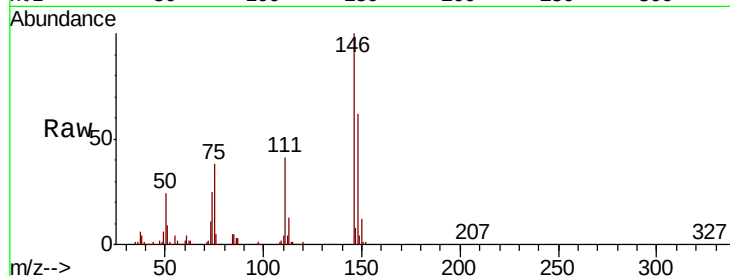




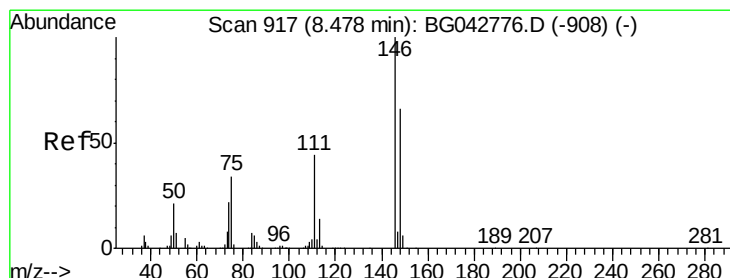
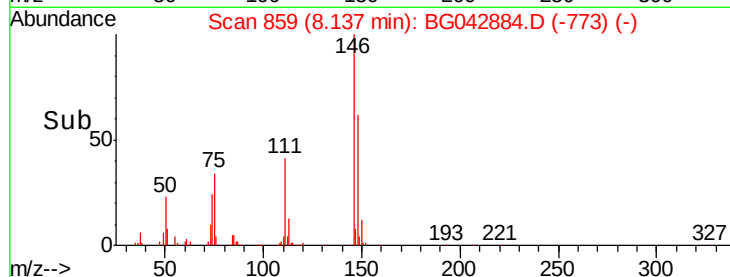
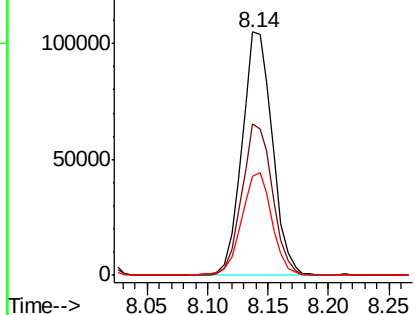
#13
 1,4-Dichlorobenzene
 Concen: 36.346 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 183858
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.2 78.4
 111 40.8 32.6 49.0

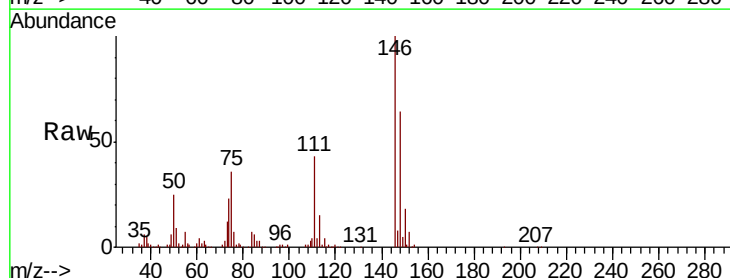


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

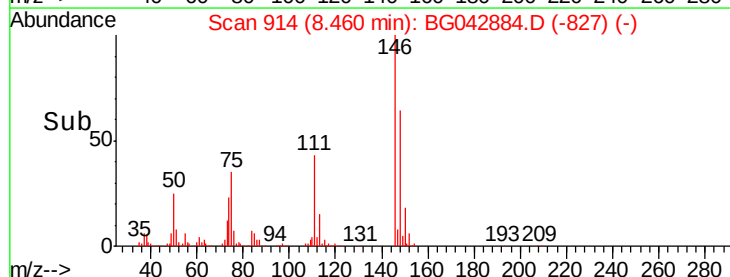
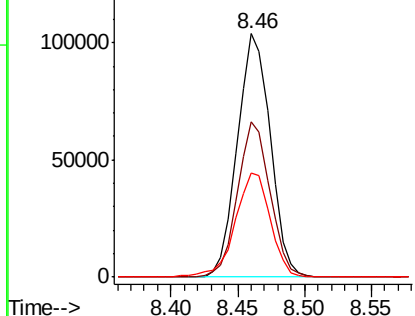


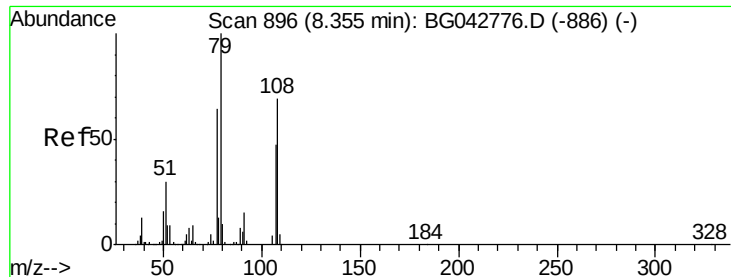
#14
 1,2-Dichlorobenzene
 Concen: 36.863 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion:146 Resp: 177505
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.6 78.8
 111 42.9 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: 23.254 ng

RT: 8.36 min Scan# 897

Delta R.T. 0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

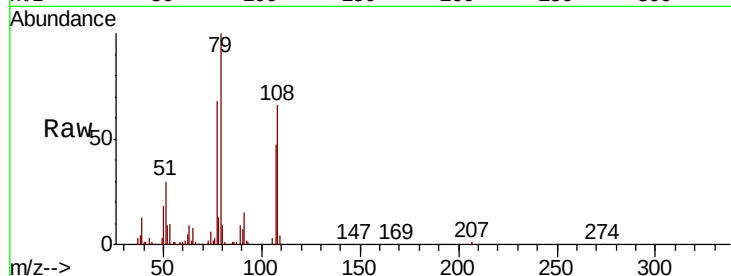
Tot Ion: 79 Resp: 109772

Ion Ratio Lower Upper

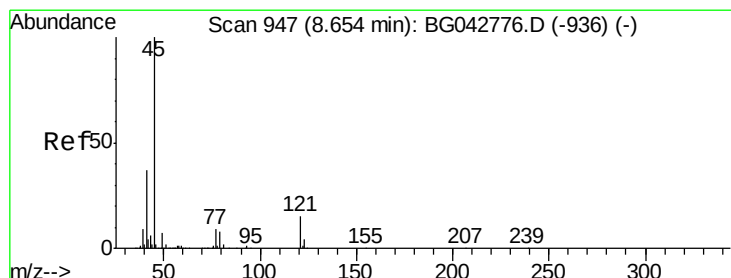
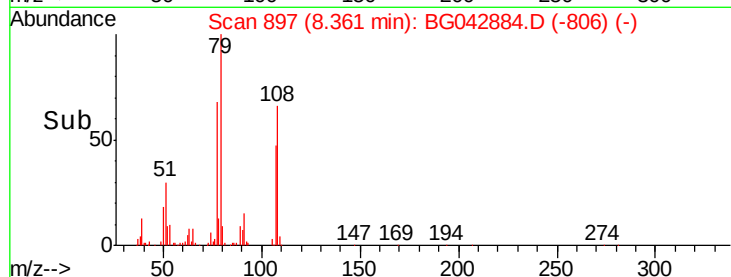
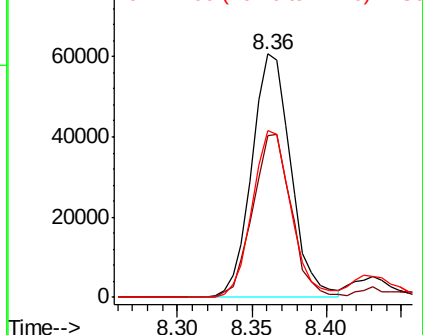
79 100

108 66.2 54.9 82.3

77 68.3 51.0 76.6



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.099 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

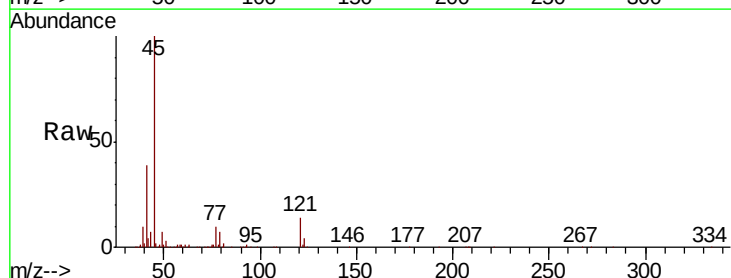
Tgt Ion: 45 Resp: 381232

Ion Ratio Lower Upper

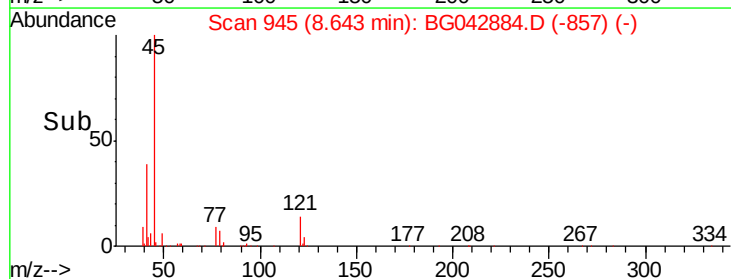
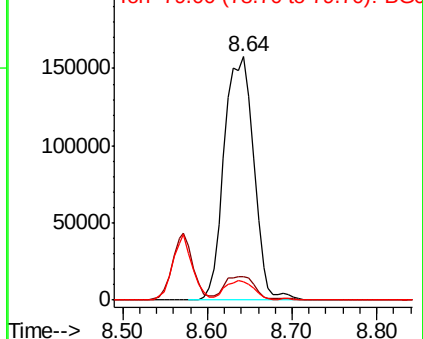
45 100

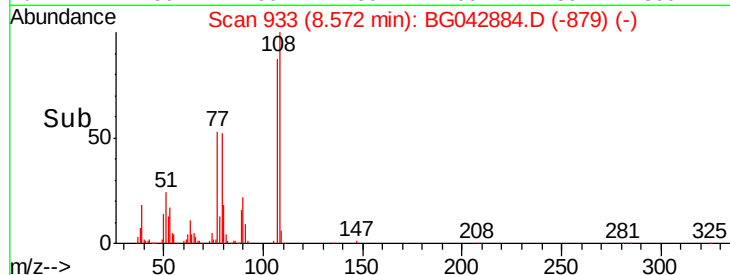
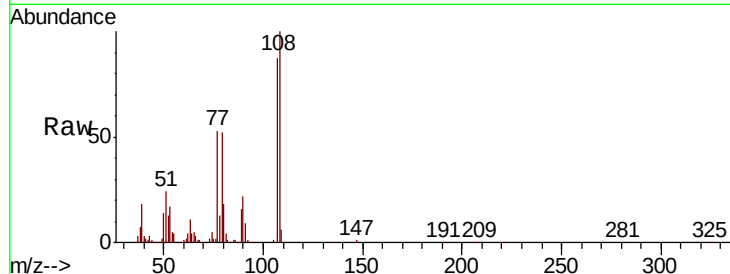
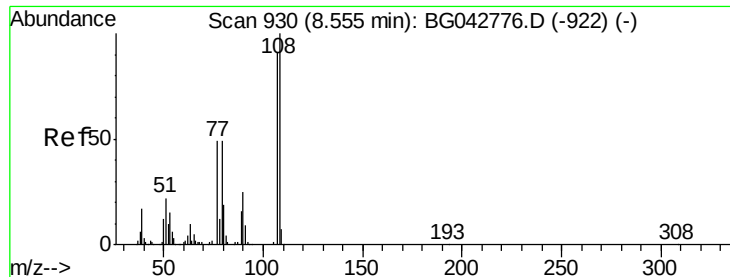
77 9.8 0.0 29.4

79 7.5 0.0 28.4



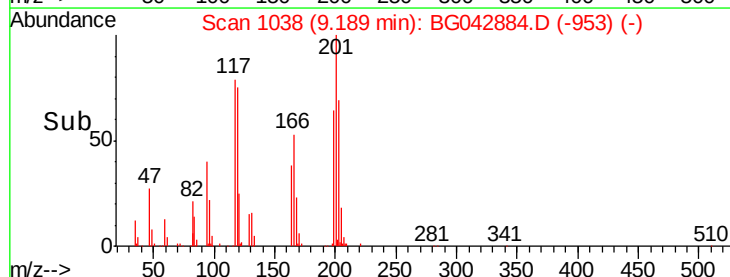
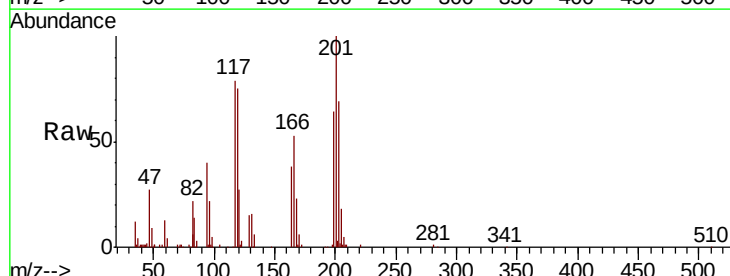
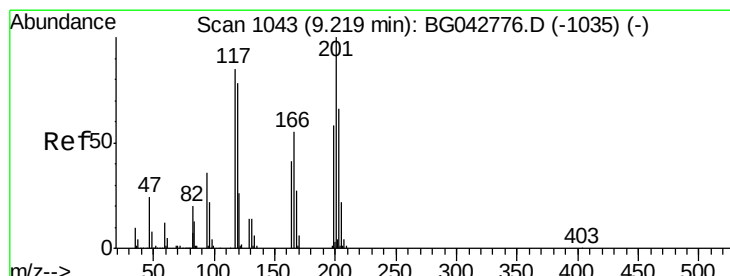
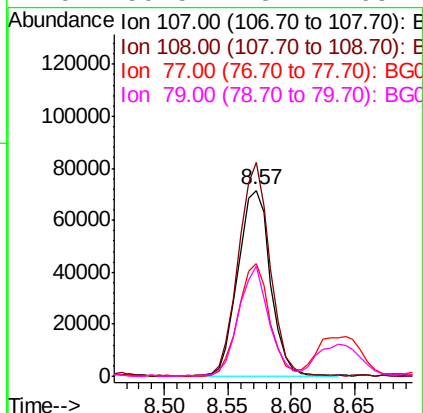
Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





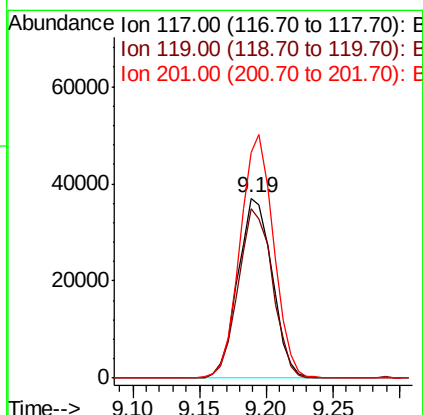
#17
2-Methylphenol
Concen: 33.731 ng
RT: 8.57 min Scan# 933
Delta R.T. 0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

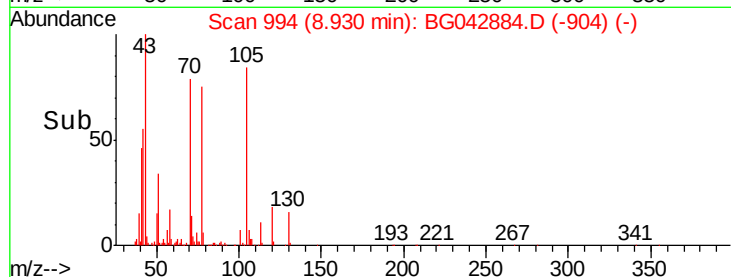
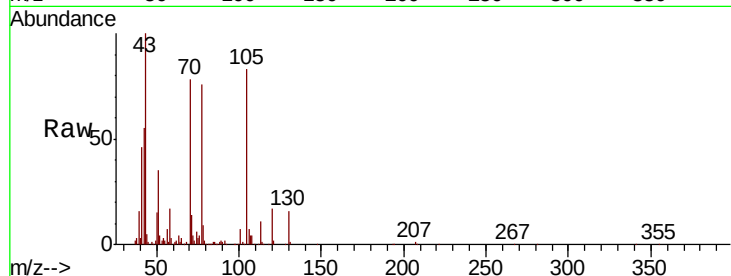
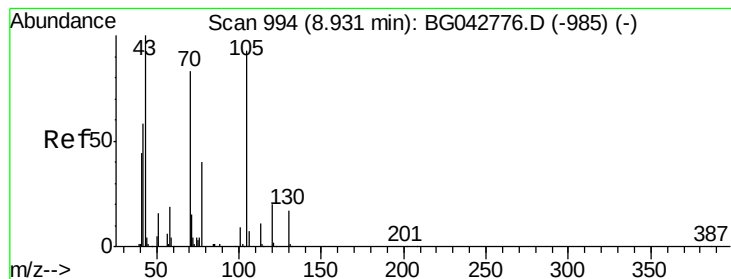
Tot Ion:	107	Resp:	127299
Ion	Ratio	Lower	Upper
107	100		
108	115.0	87.7	131.5
77	61.0	42.6	64.0
79	59.5	43.4	65.2



#18
Hexachloroethane
Concen: 35.329 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion:	117	Resp:	65979
Ion	Ratio	Lower	Upper
117	100		
119	94.0	73.8	110.8
201	126.0	94.6	142.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.844 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 169605

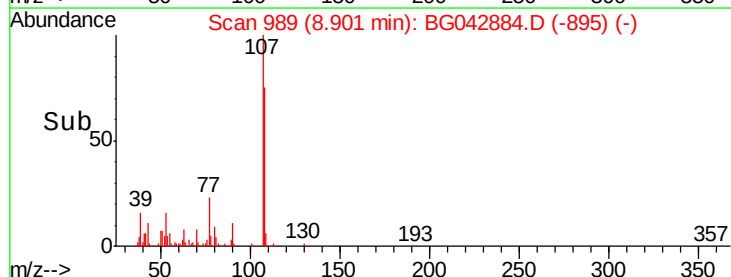
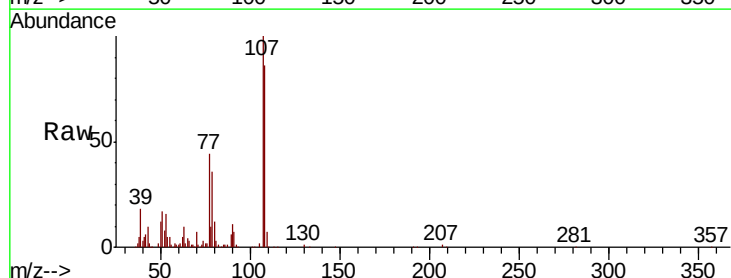
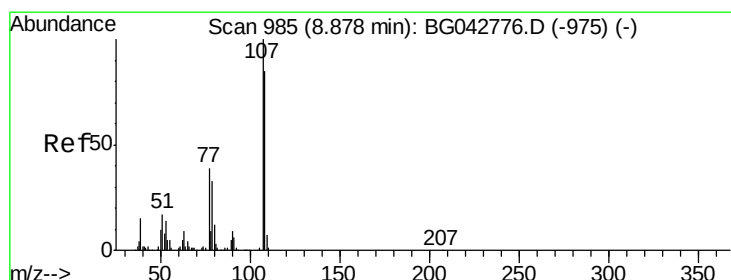
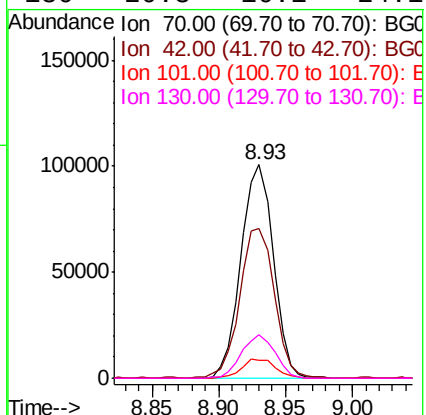
Ion Ratio Lower Upper

70 100

42 70.1 57.0 85.6

101 8.7 8.4 12.6

130 20.3 16.1 24.1



#20

3+4-Methylphenols

Concen: 29.534 ng

RT: 8.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion: 107 Resp: 153645

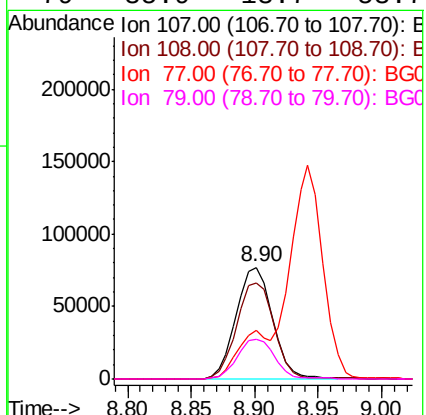
Ion Ratio Lower Upper

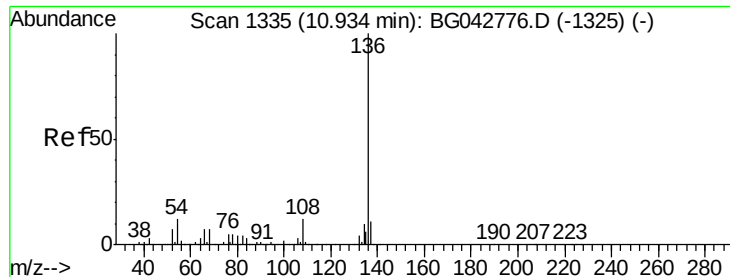
107 100

108 85.7 65.4 105.4

77 44.0 18.7 58.7

79 35.9 13.7 53.7

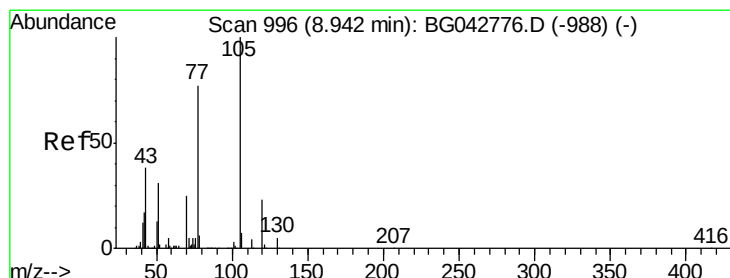
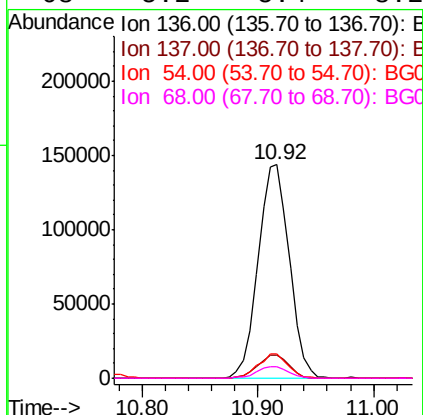
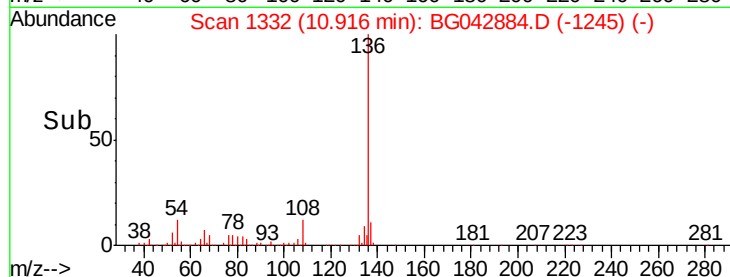
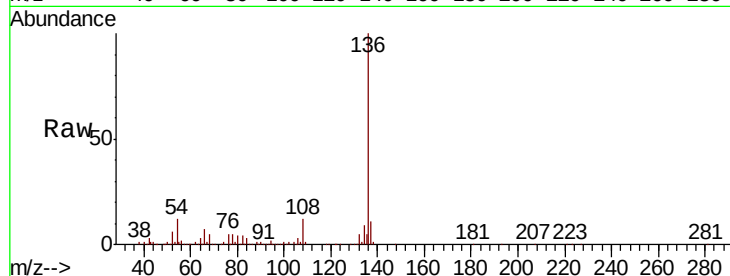




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

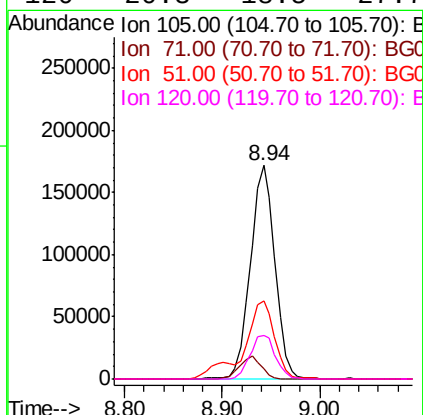
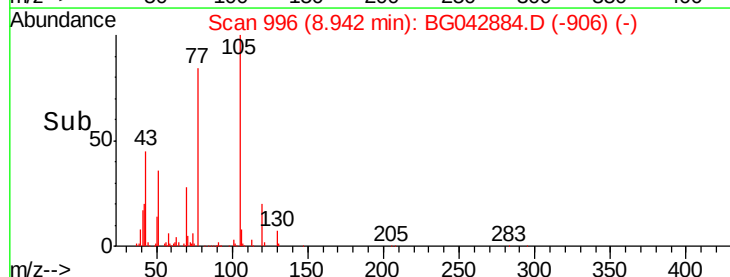
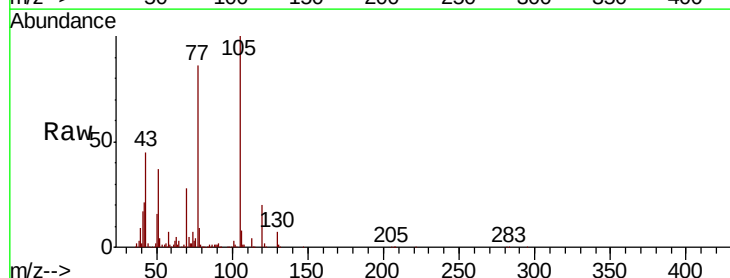
Instrument :
BNA_G
ClientSampleId :

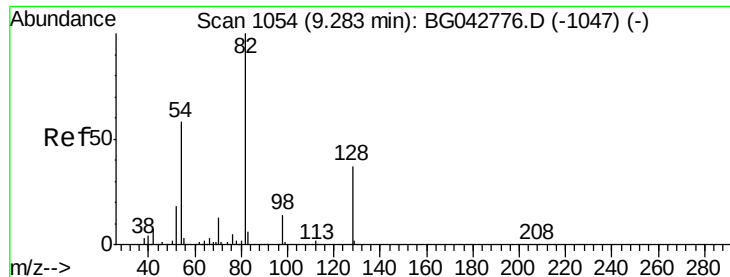
Tot Ion:136	Resp:	270184
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	11.7	9.4 14.0
68	5.2	5.4 8.2#



#22
Acetophenone
Concen: 44.435 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion:105	Resp:	303207
Ion Ratio	Lower	Upper
105	100	
71	4.8	3.7 5.5
51	36.5	28.8 43.2
120	20.3	18.5 27.7

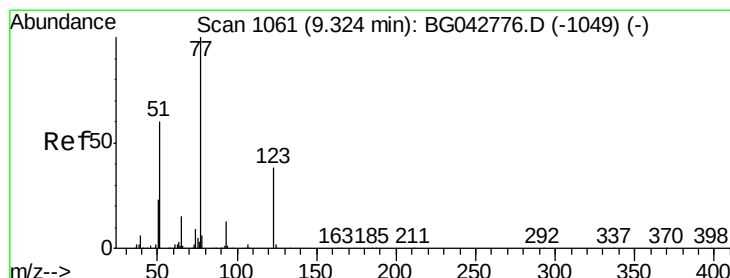
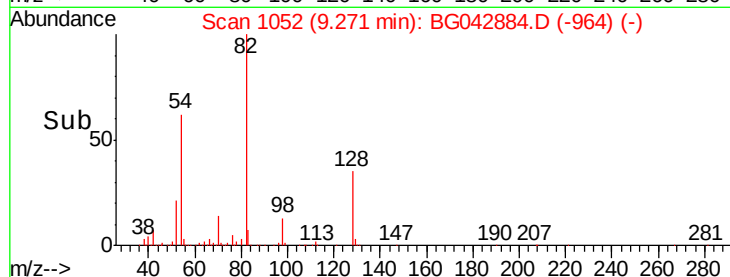
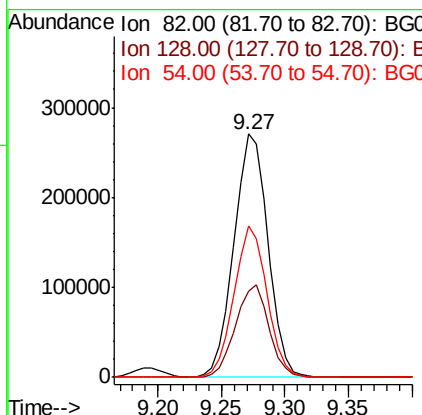
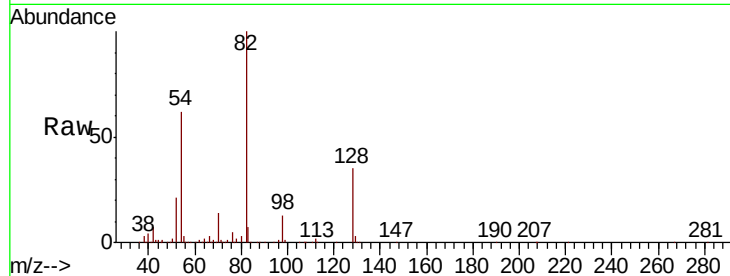




#23
 Nitrobenzene-d5
 Concen: 96.633 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

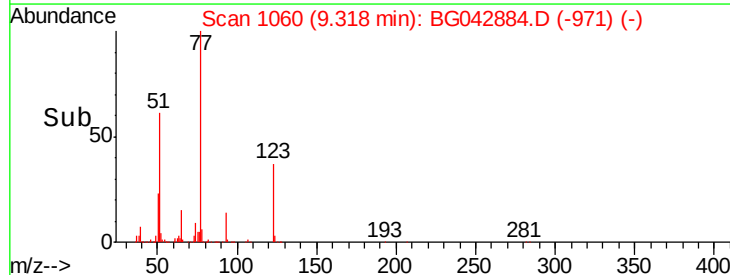
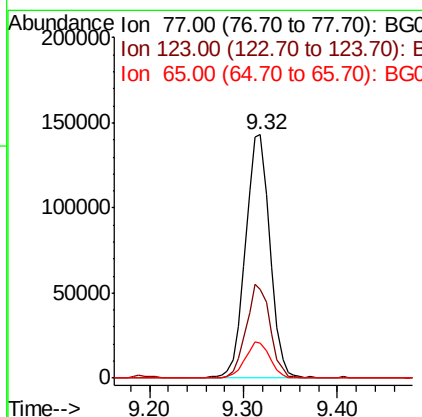
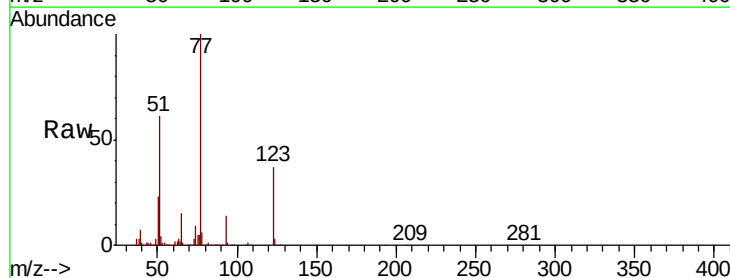
Instrument :
 BNA_G
 ClientSampleId :

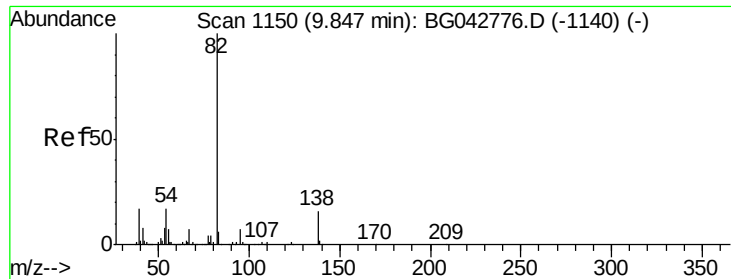
Tot Ion	82	Resp	501490
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.8	44.8
54	62.3	46.1	69.1



#24
 Nitrobenzene
 Concen: 47.186 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	77	Resp	257033
Ion Ratio	Lower	Upper	
77	100		
123	36.7	30.7	46.1
65	14.6	12.2	18.4





#25

Isophorone

Concen: 42.910 ng

RT: 9.86 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

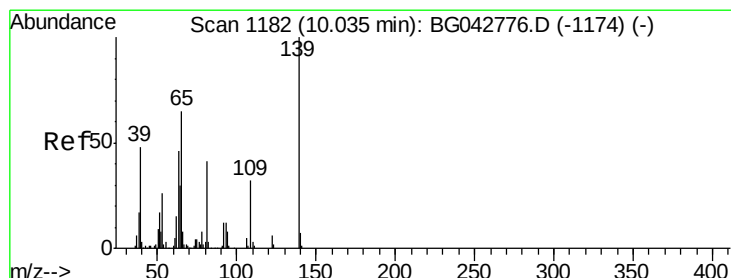
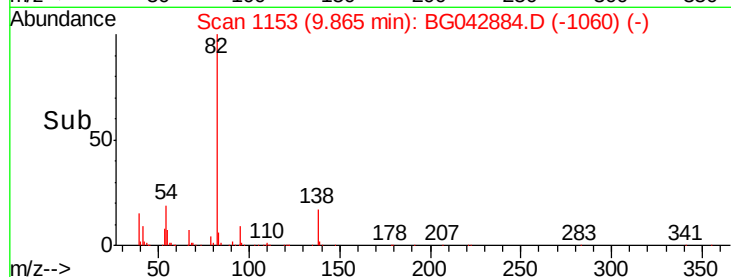
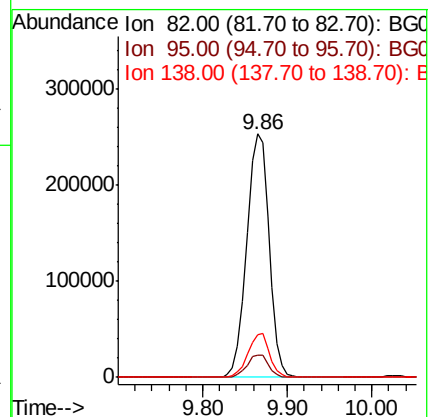
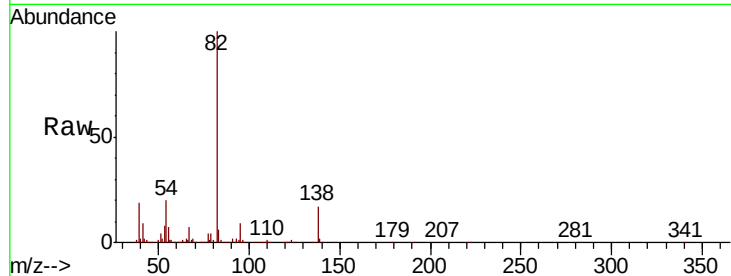
Tot Ion: 82 Resp: 464171

Ion Ratio Lower Upper

82 100

95 9.2 5.8 8.8#

138 17.3 12.9 19.3



#26

2-Nitrophenol

Concen: 53.644 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

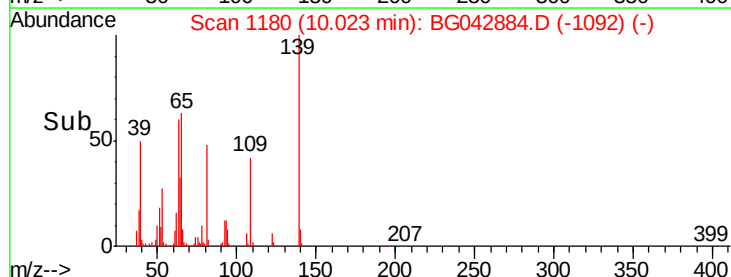
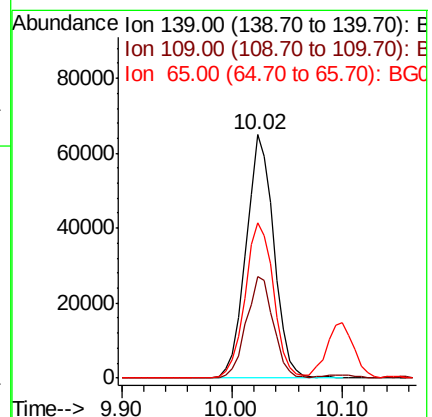
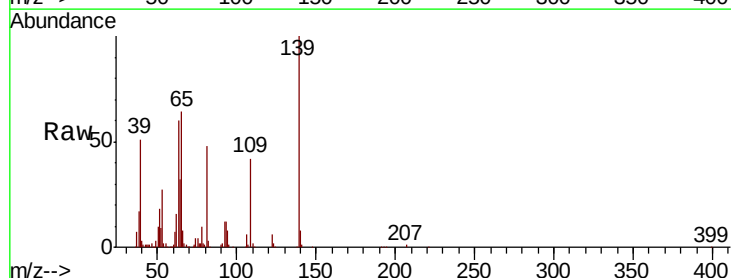
Tgt Ion: 139 Resp: 114905

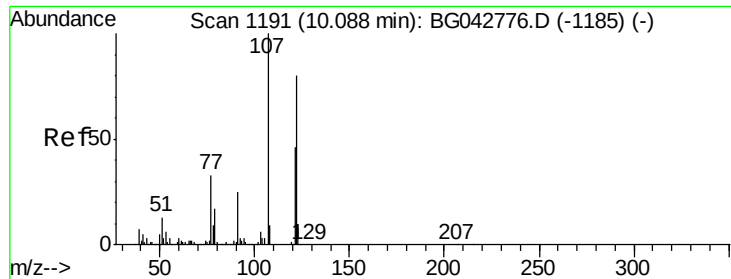
Ion Ratio Lower Upper

139 100

109 41.6 25.8 38.8#

65 63.7 52.2 78.2

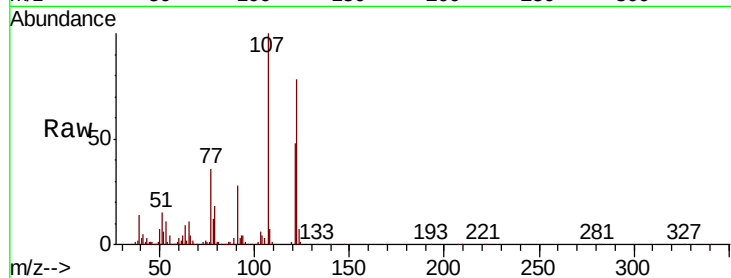




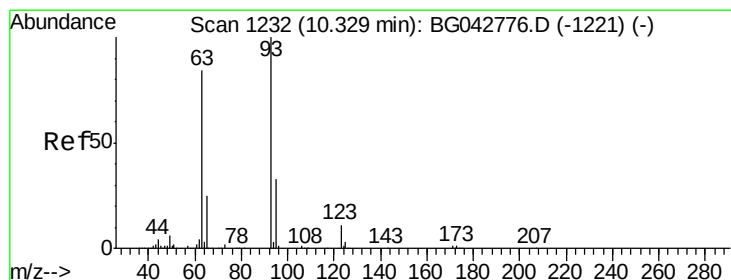
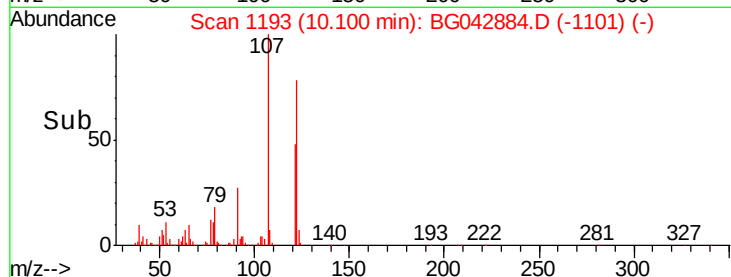
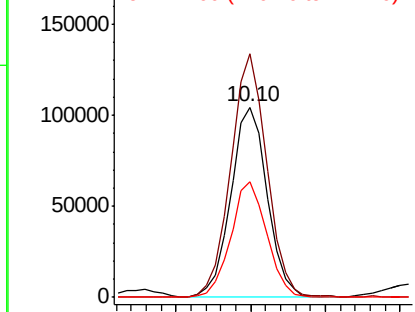
#27
 2,4-Dimethylphenol
 Concen: 46.939 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 177855
 Ion Ratio Lower Upper
 122 100
 107 128.0 98.9 148.3
 121 61.1 46.2 69.2

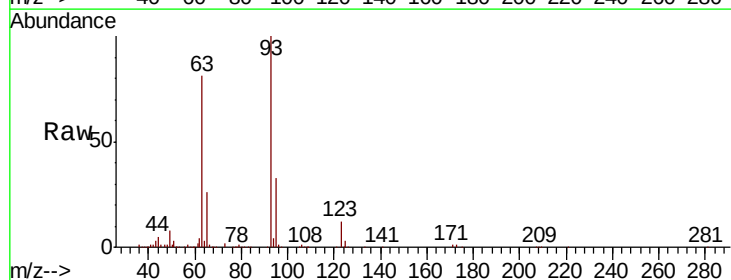


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

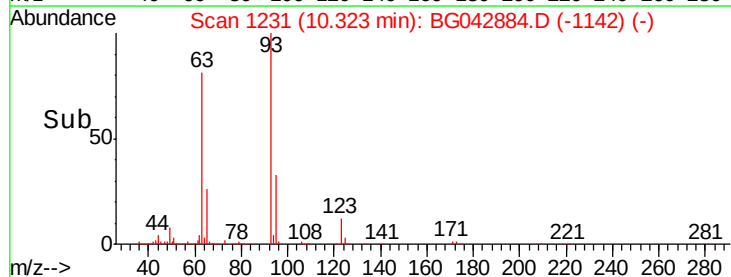
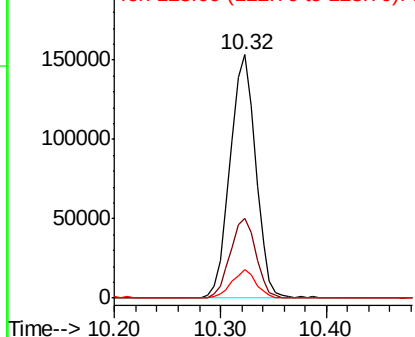


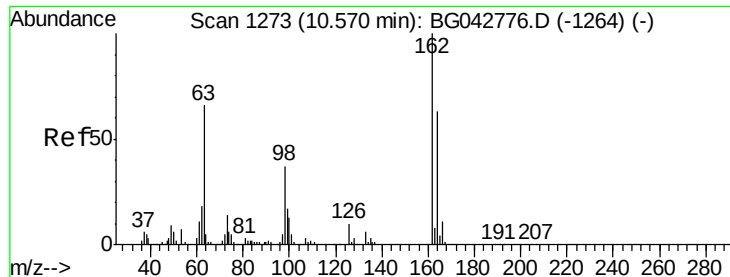
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.596 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion: 93 Resp: 256963
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.6 40.0
 123 11.7 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

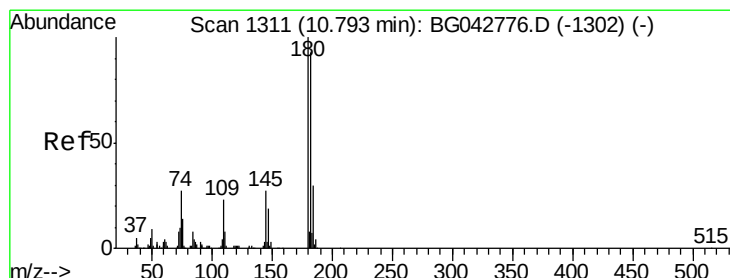
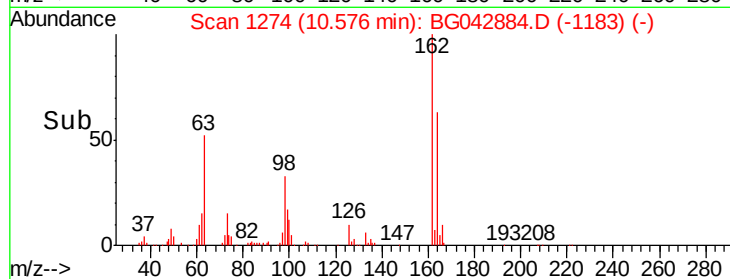
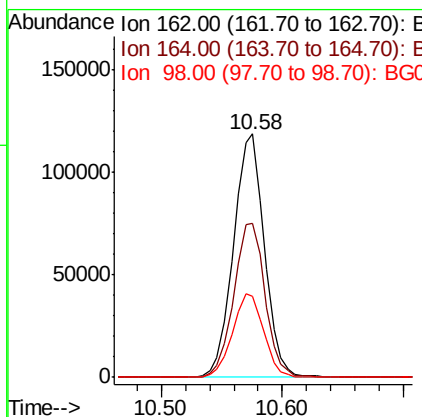
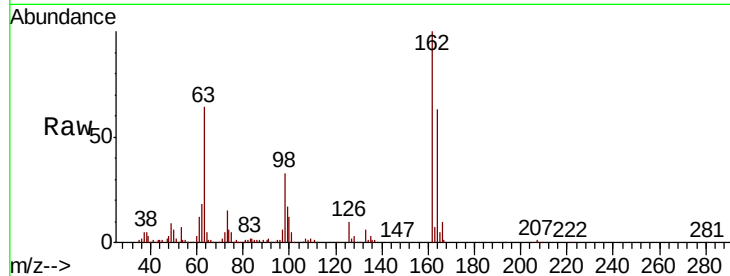




#29
2,4-Dichlorophenol
Concen: 48.209 ng
RT: 10.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

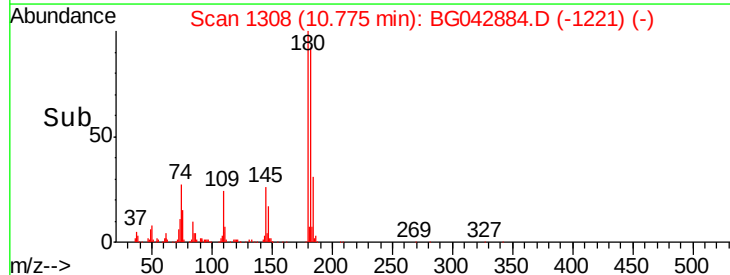
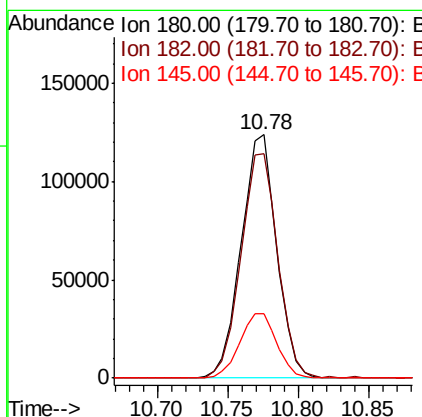
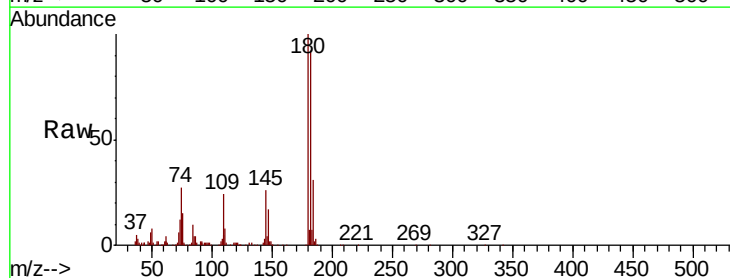
Instrument :
BNA_G
ClientSampleId :

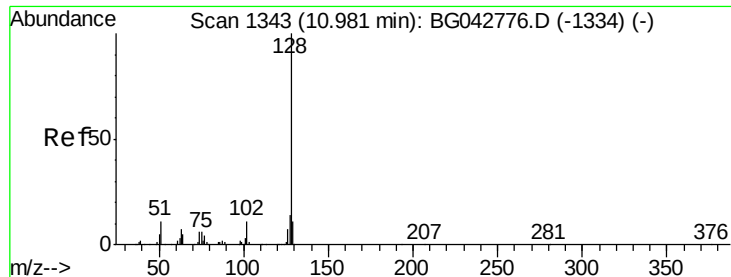
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.4	83.4
98	33.3	17.0	57.0



#30
1,2,4-Trichlorobenzene
Concen: 40.500 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	74.6	112.0
145	26.4	21.8	32.6

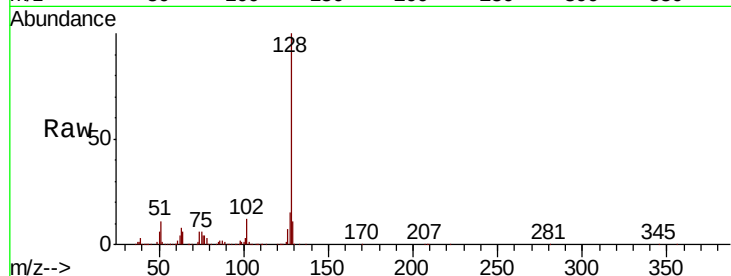




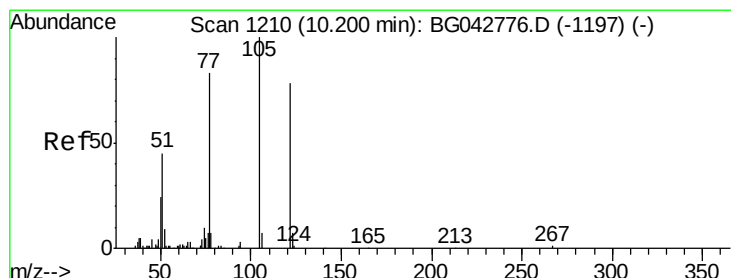
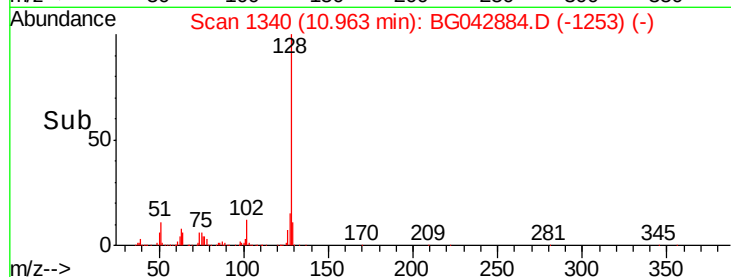
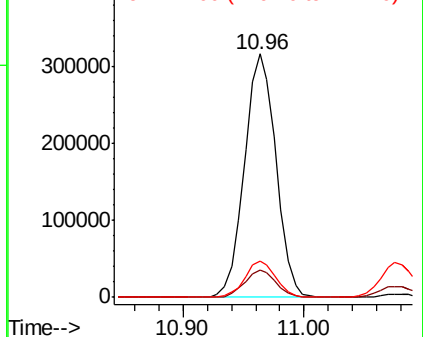
#31
Naphthalene
Concen: 42.943 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.8	11.4	17.2

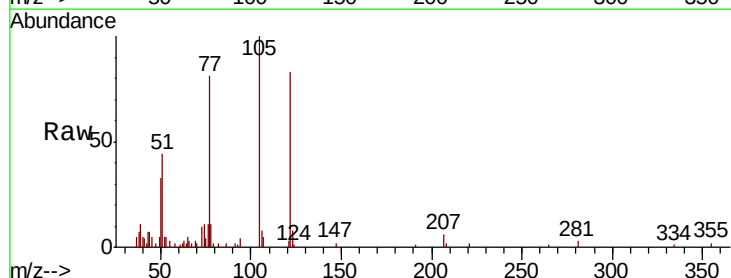


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

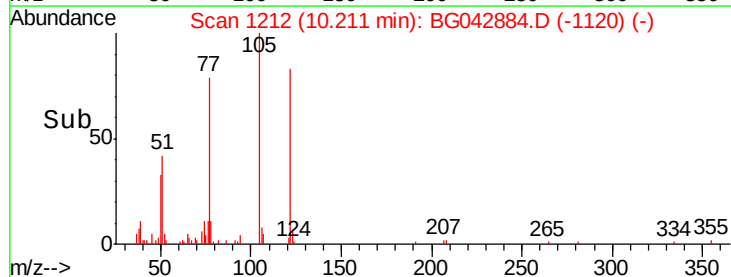
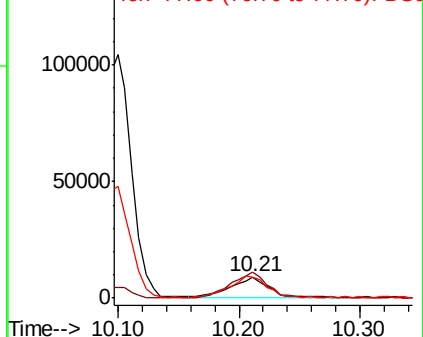


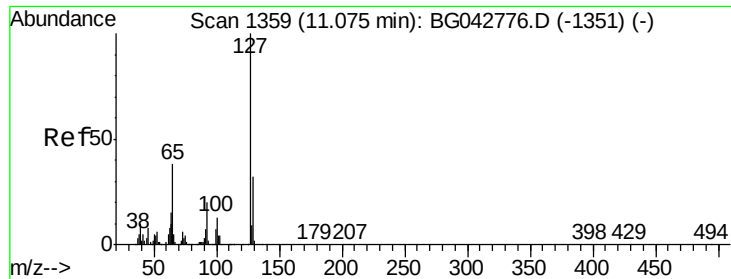
#32
Benzoic acid
Concen: 11.808 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	104.0	144.0
77	97.1	84.2	124.2



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

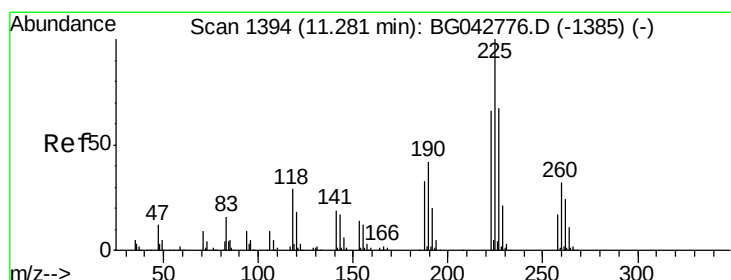
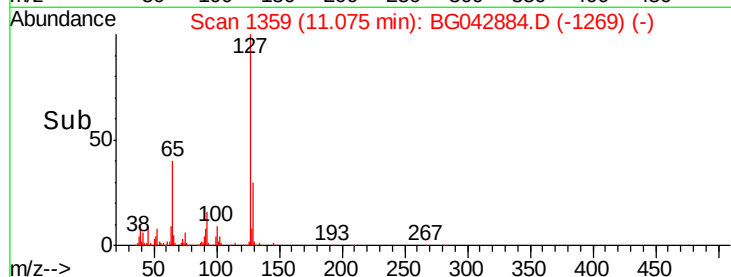
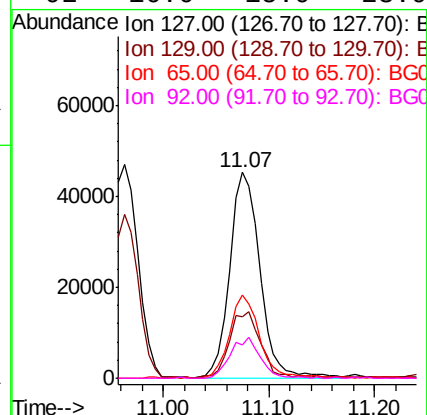
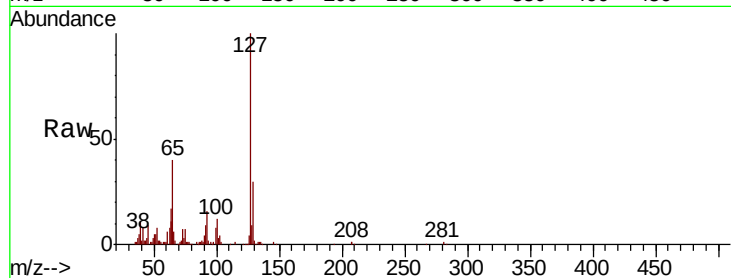




#33
4-Chloroaniline
Concen: 14.437 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

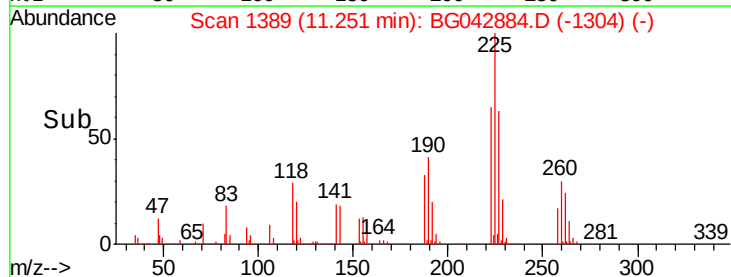
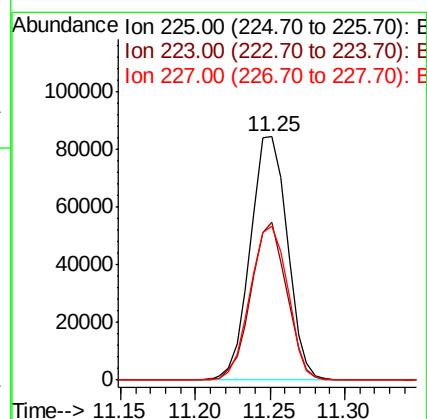
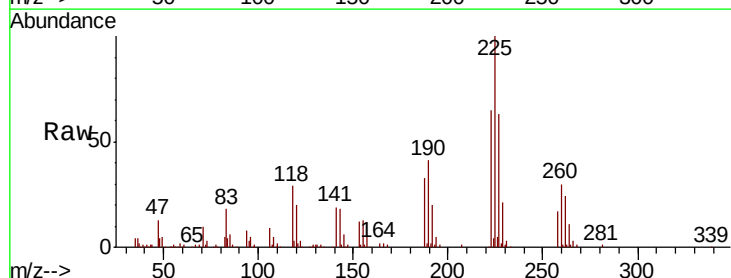
Instrument :
BNA_G
ClientSampleId :

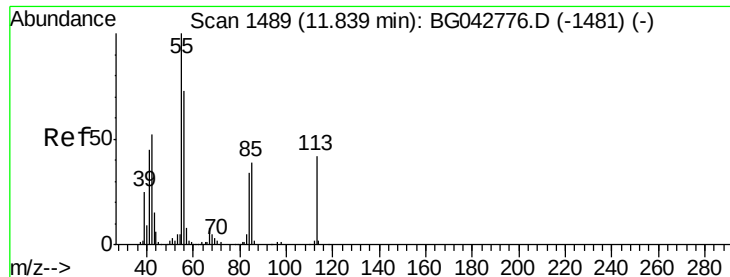
Tot Ion:	127	Resp:	90014
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.8	38.6
65	40.2	30.5	45.7
92	16.0	15.9	23.9



#34
Hexachlorobutadiene
Concen: 38.540 ng
RT: 11.25 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion:	225	Resp:	145159
Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.6	79.0
227	63.2	53.6	80.4





#35

Caprolactam

Concen: 5.286 ng

RT: 11.96 min Scan# 1509

Delta R.T. 0.12 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

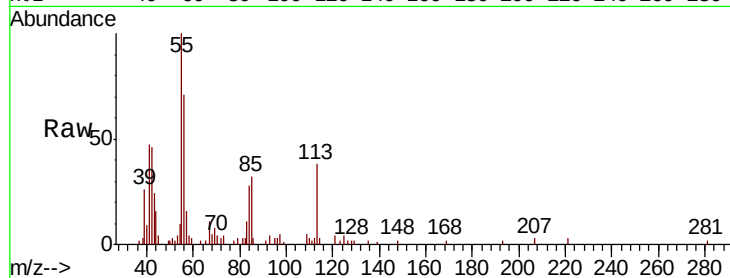
Tot Ion:113 Resp: 8655

Ion Ratio Lower Upper

113 100

55 261.2 218.4 258.4#

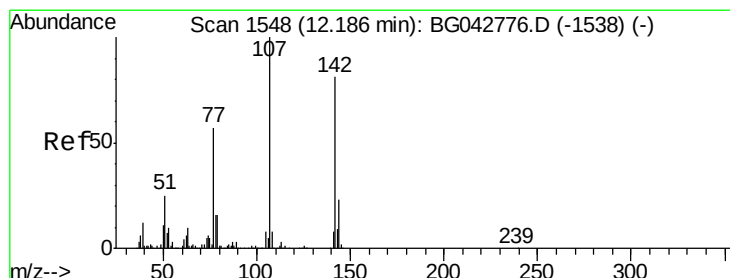
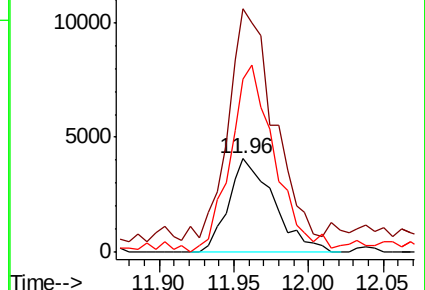
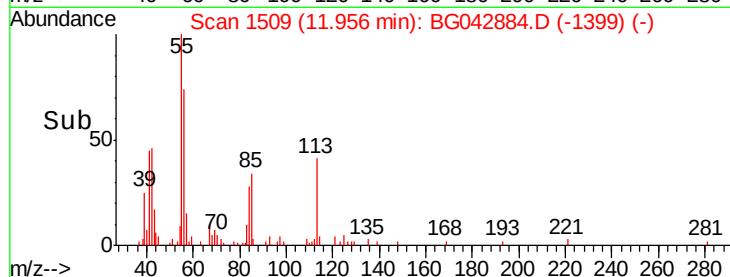
56 186.2 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.163 ng

RT: 12.21 min Scan# 1552

Delta R.T. 0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

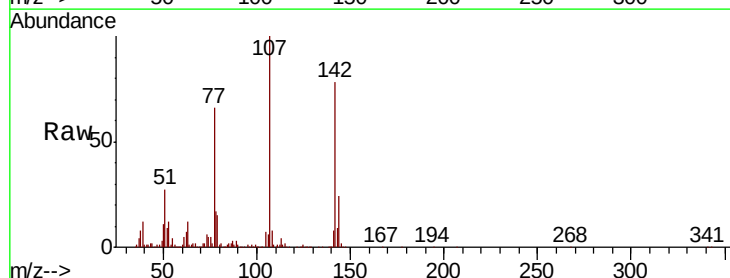
Tgt Ion:107 Resp: 211133

Ion Ratio Lower Upper

107 100

144 24.5 18.7 28.1

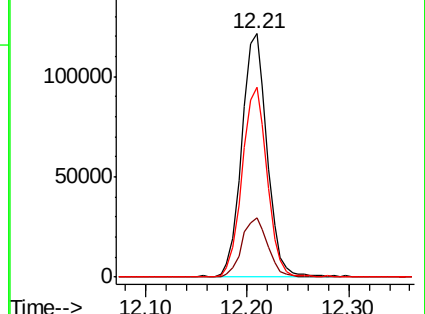
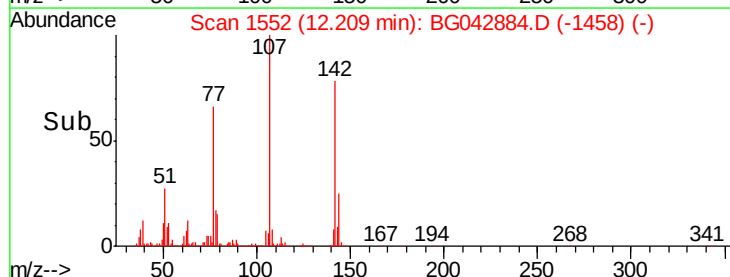
142 78.1 65.0 97.4

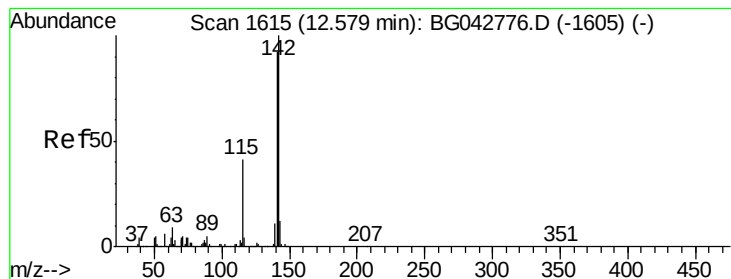


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.978 ng

RT: 12.56 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

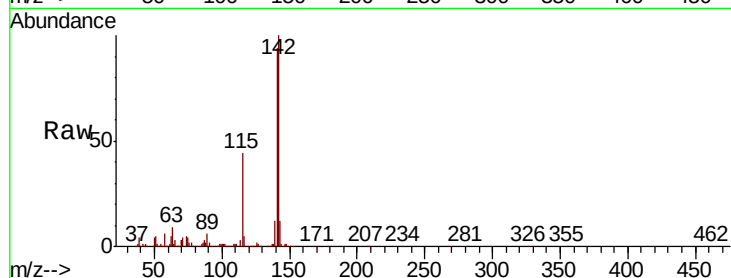
Tot Ion:142 Resp: 449459

Ion Ratio Lower Upper

142 100

141 94.2 73.8 110.8

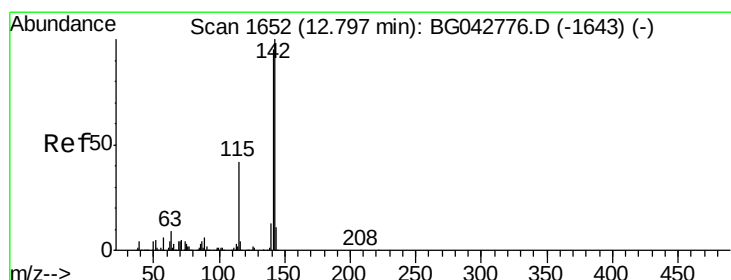
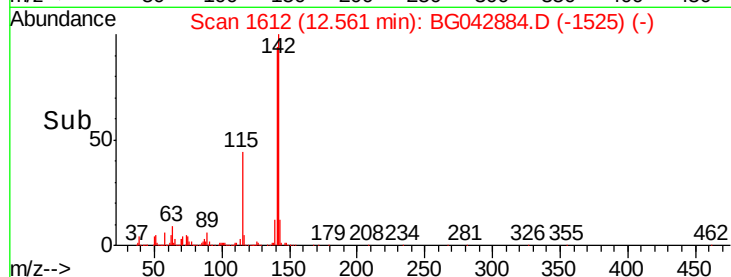
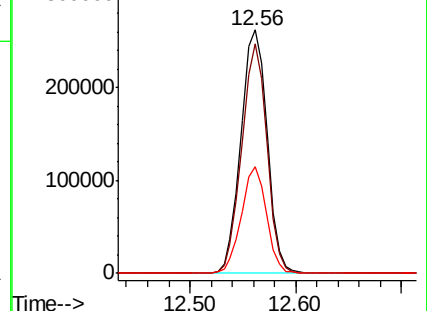
115 44.0 33.0 49.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.071 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

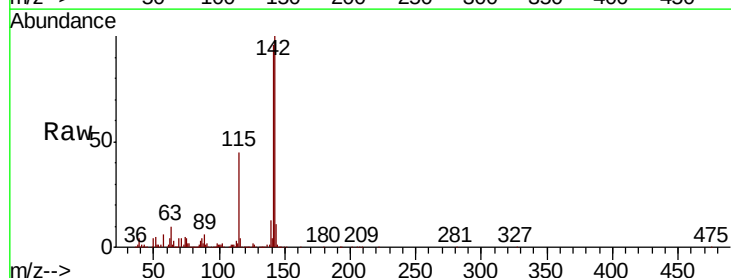
Tgt Ion:142 Resp: 422419

Ion Ratio Lower Upper

142 100

141 95.6 76.3 114.5

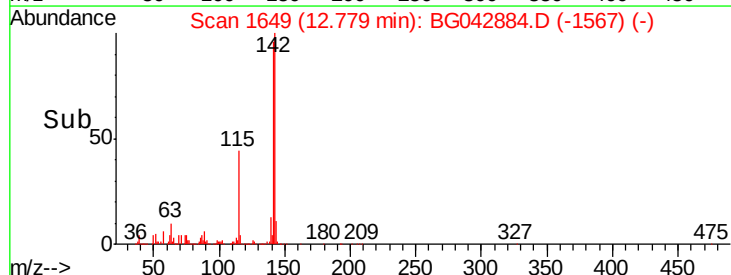
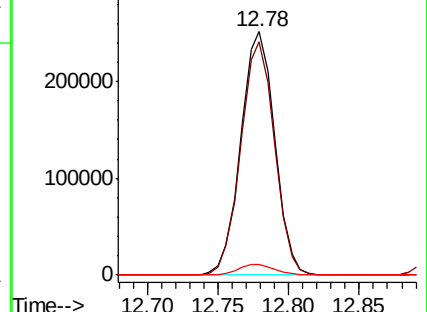
116 4.5 3.4 5.0

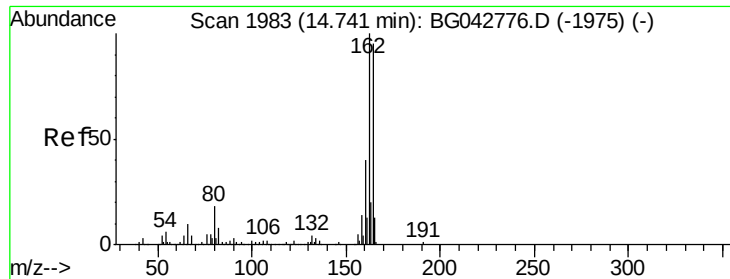


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

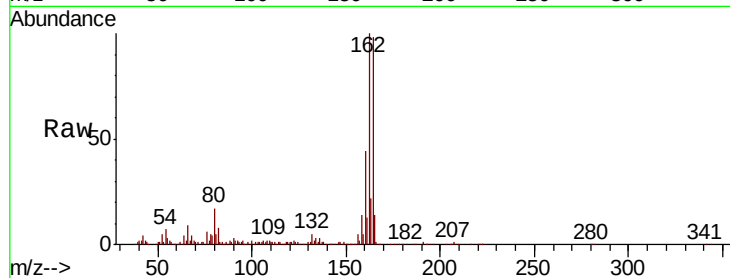
Tot Ion:164 Resp: 186839

Ion Ratio Lower Upper

164 100

162 102.1 84.6 126.8

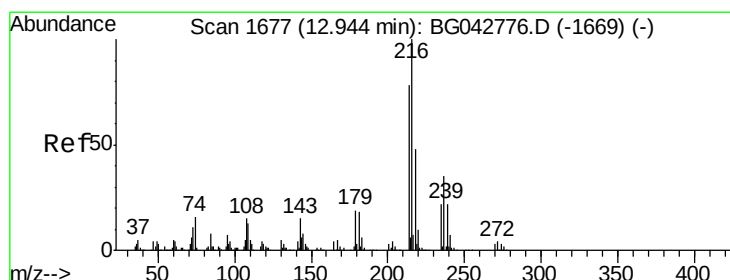
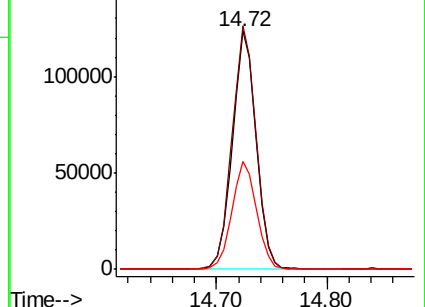
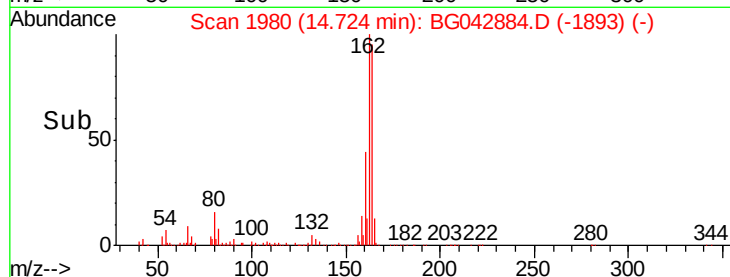
160 45.3 34.2 51.2



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: 49.209 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion:216 Resp: 303819

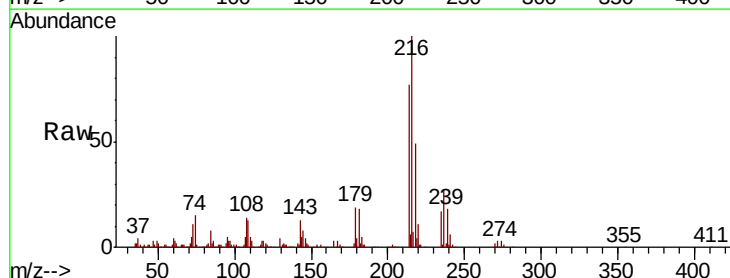
Ion Ratio Lower Upper

216 100

214 77.9 62.8 94.2

179 19.7 15.3 22.9

108 17.5 12.9 19.3

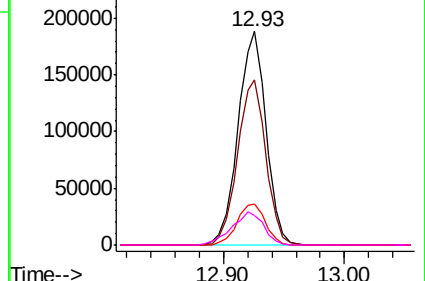
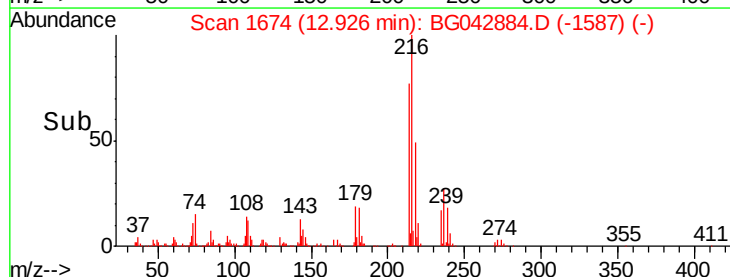


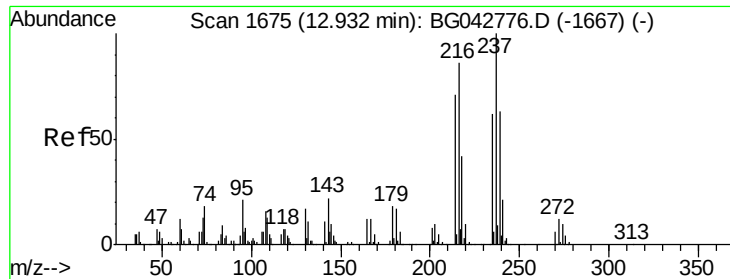
Abundance Ion 216.00 (215.70 to 216.70): E

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

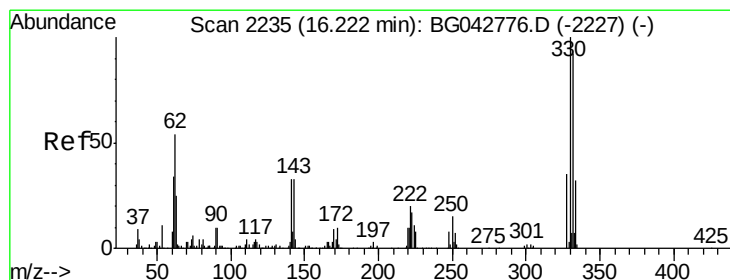
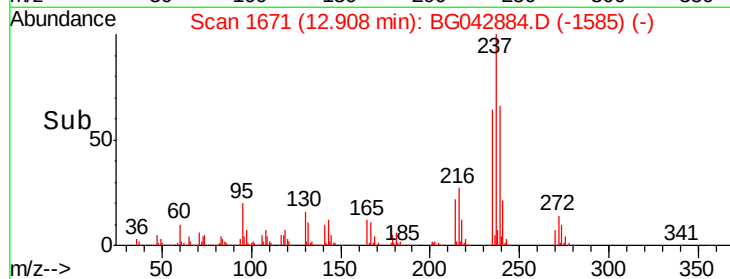
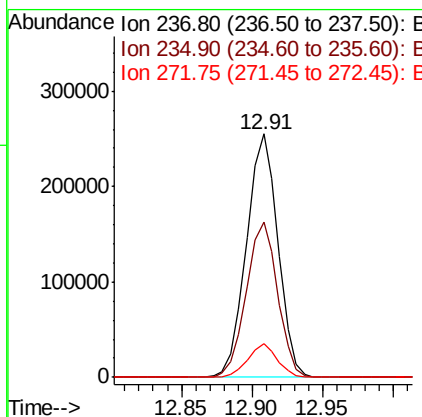
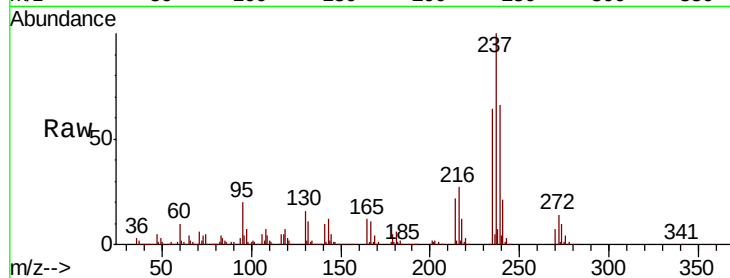




#41
Hexachlorocyclopentadiene
Concen: 112.911 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

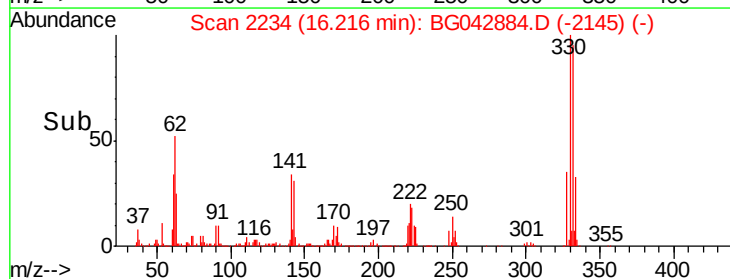
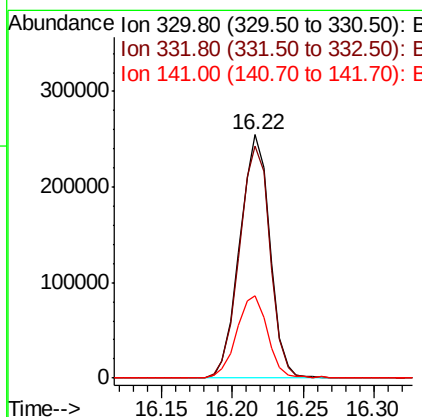
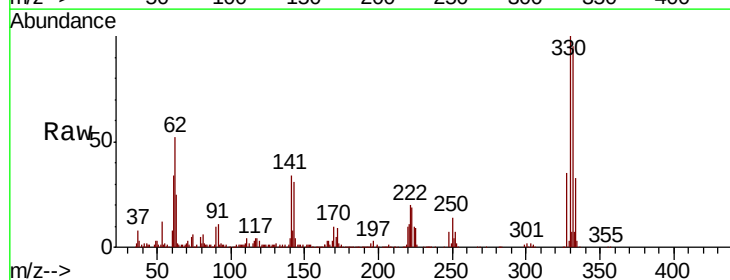
Instrument :
BNA_G
ClientSampleId :

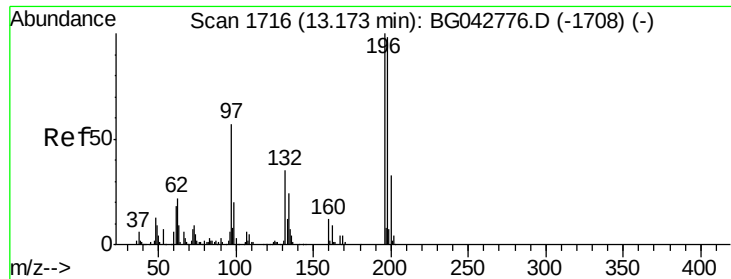
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.0	41.9	81.9
272	13.7	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 153.335 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.7	115.1
141	33.9	27.0	40.6

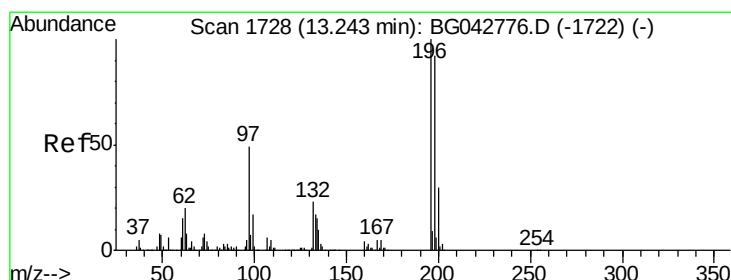
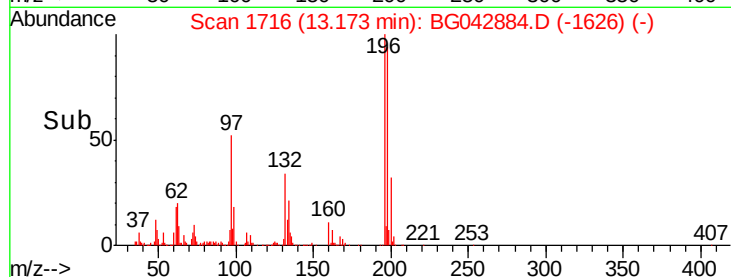
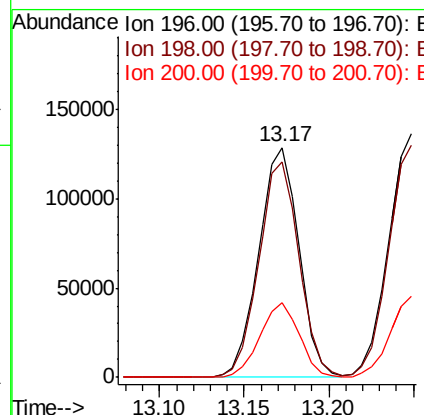
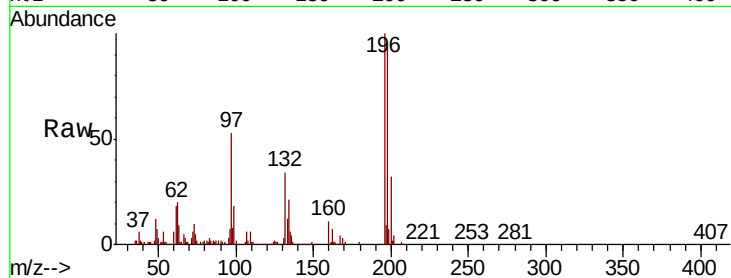




#43
 2,4,6-Trichlorophenol
 Concen: 51.645 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

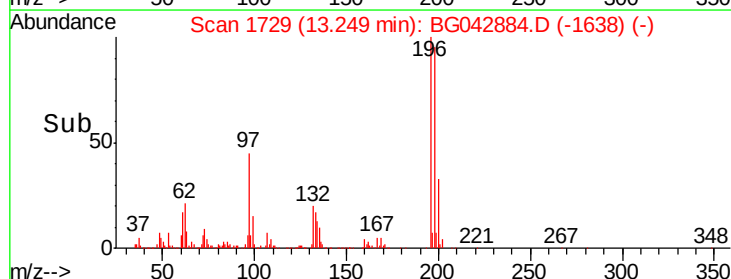
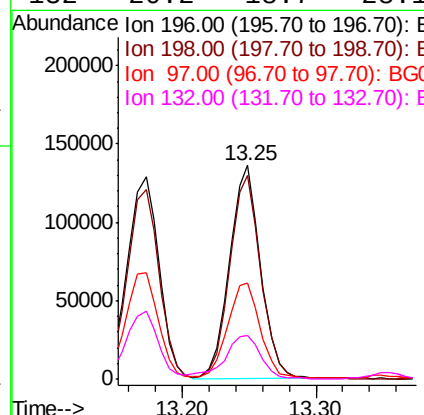
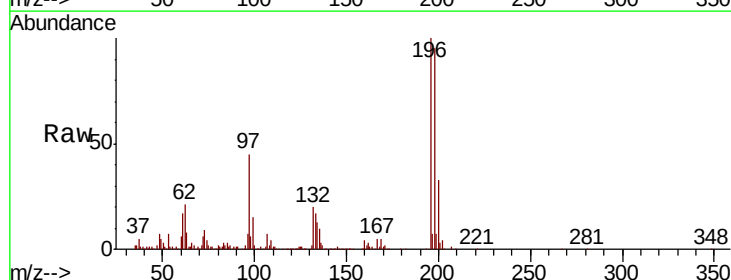
Instrument :
 BNA_G
 ClientSampleId :

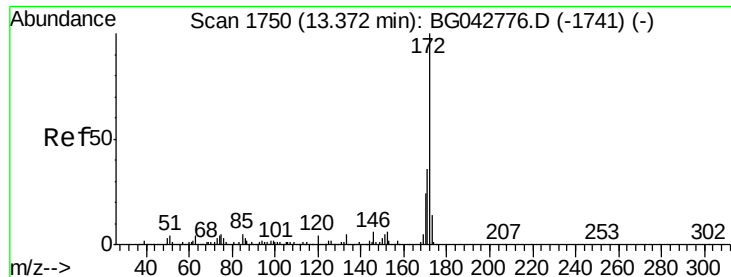
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	78.8	118.2
200	32.2	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 52.148 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	73.4	110.0
97	44.8	39.2	58.8
132	20.2	18.7	28.1

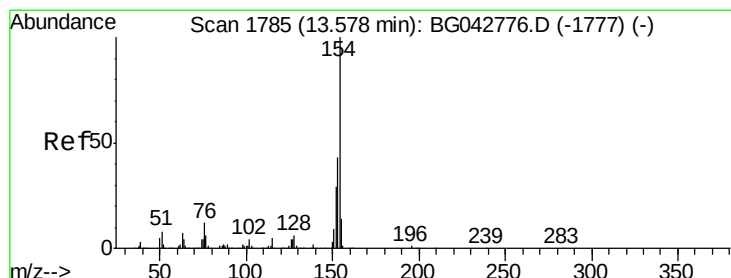
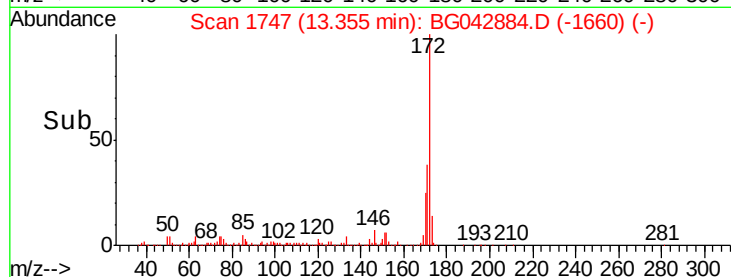
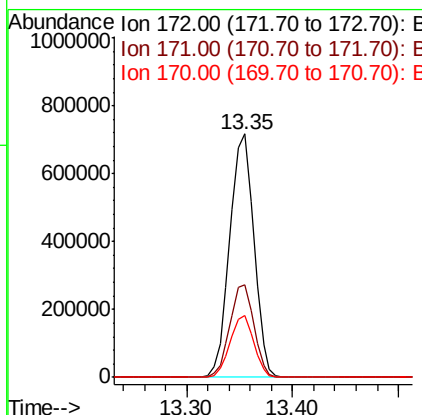
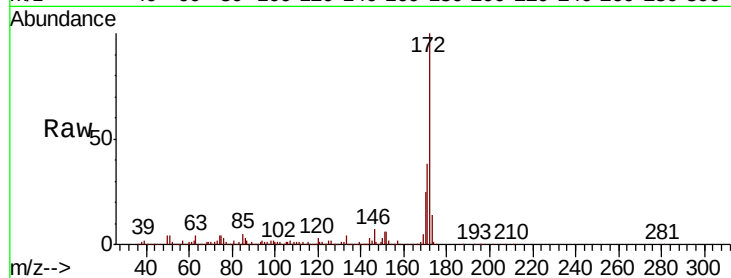




#45
2-Fluorobiphenyl
Concen: 95.981 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

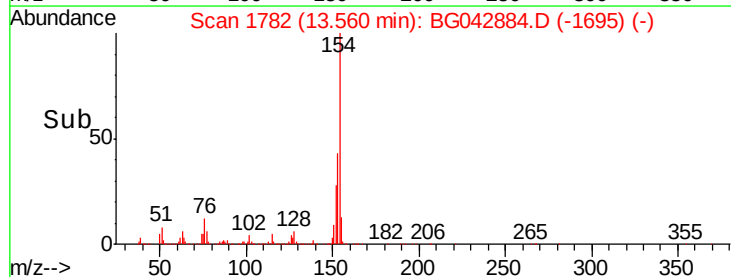
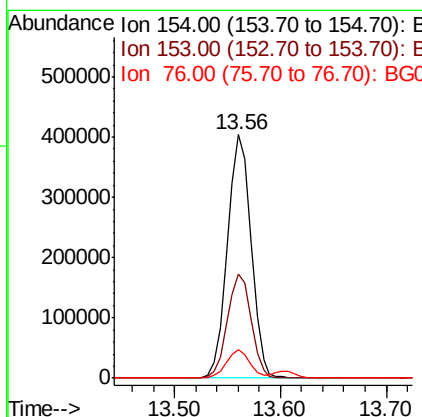
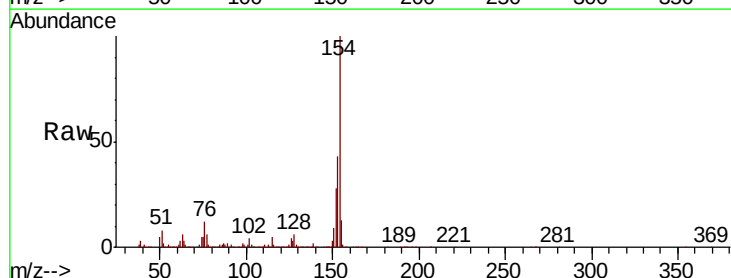
Instrument :
BNA_G
ClientSampleId :

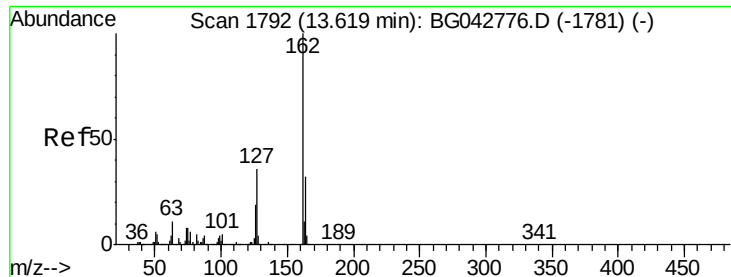
Tot Ion:172 Resp: 1132895
Ion Ratio Lower Upper
172 100
171 38.1 28.9 43.3
170 25.2 19.1 28.7



#46
1,1'-Biphenyl
Concen: 47.560 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion:154 Resp: 622073
Ion Ratio Lower Upper
154 100
153 43.0 22.6 62.6
76 11.8 0.0 32.2

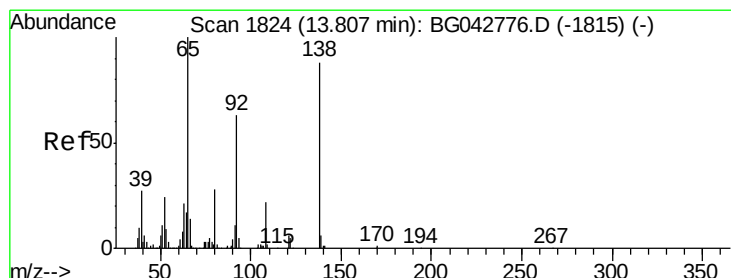
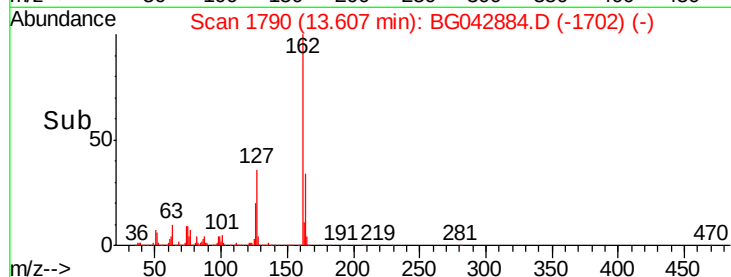
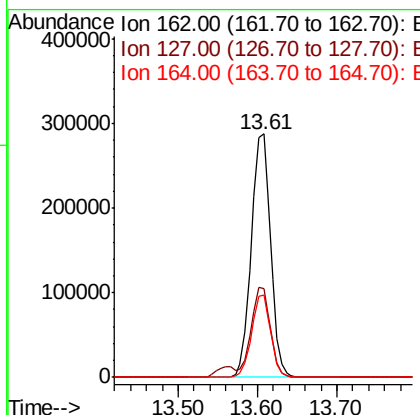
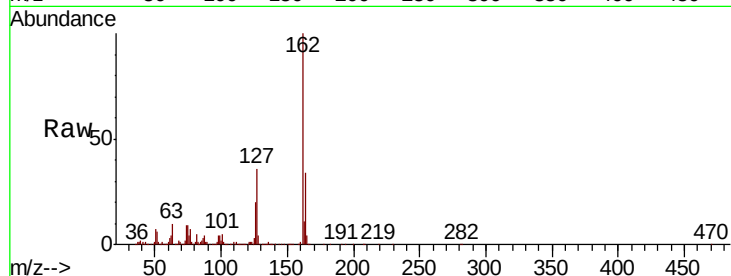




#47
 2-Chloronaphthalene
 Concen: 45.299 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

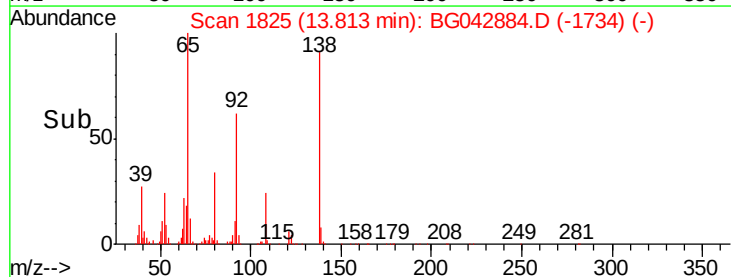
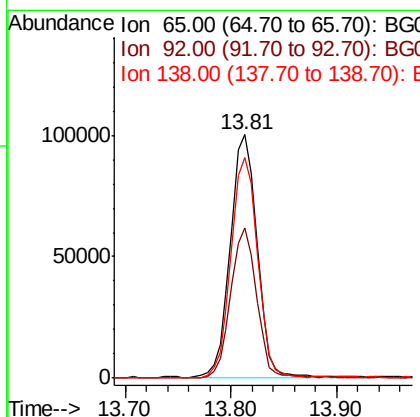
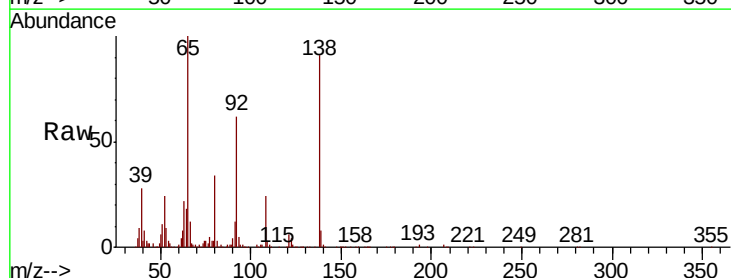
Instrument :
 BNA_G
 ClientSampleId :

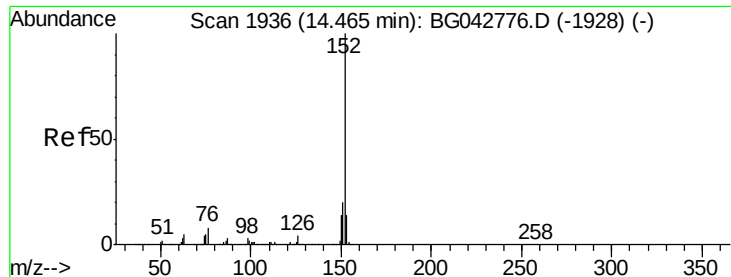
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	29.3	43.9
164	33.6	26.0	39.0



#48
 2-Nitroaniline
 Concen: 46.398 ng
 RT: 13.81 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	50.4	75.6
138	90.7	70.6	106.0





#49

Acenaphthylene

Concen: 46.476 ng

RT: 14.45 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

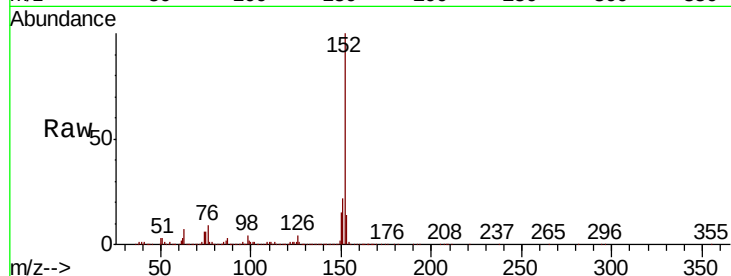
Tot Ion:152 Resp: 768469

Ion Ratio Lower Upper

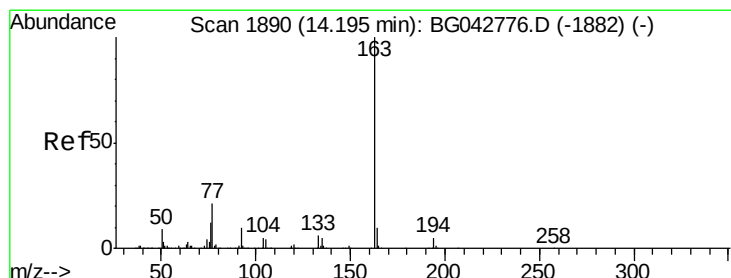
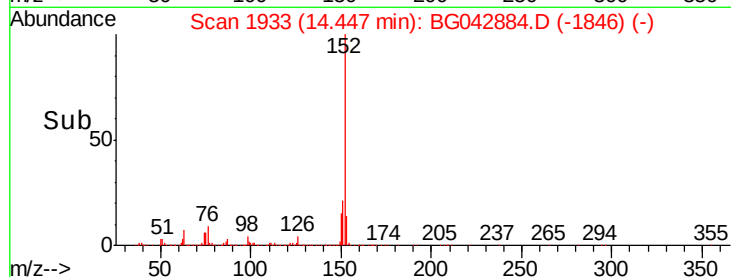
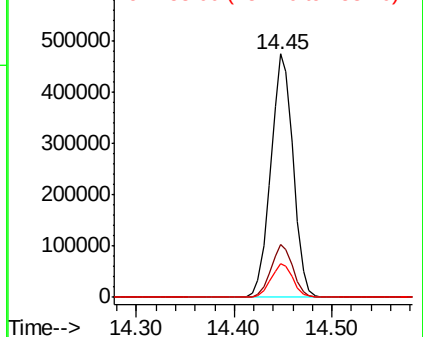
152 100

151 21.5 16.0 24.0

153 14.1 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: 49.841 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

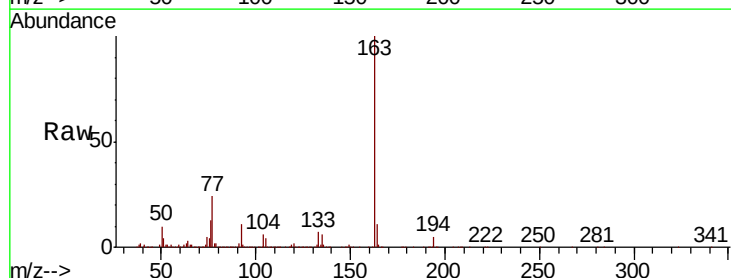
Tgt Ion:163 Resp: 697604

Ion Ratio Lower Upper

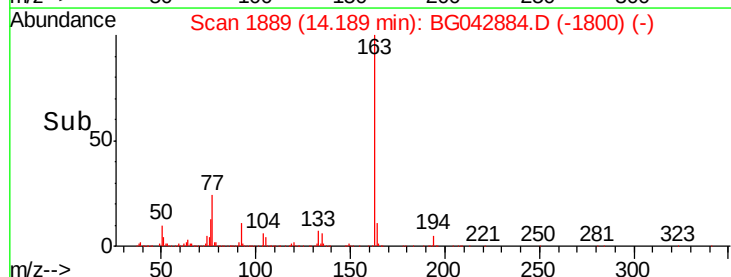
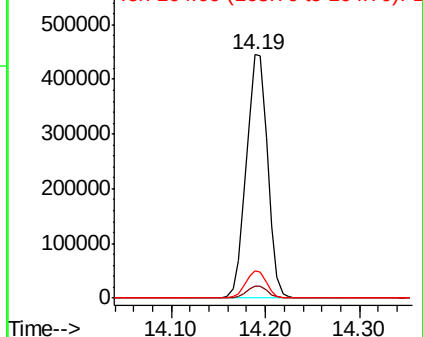
163 100

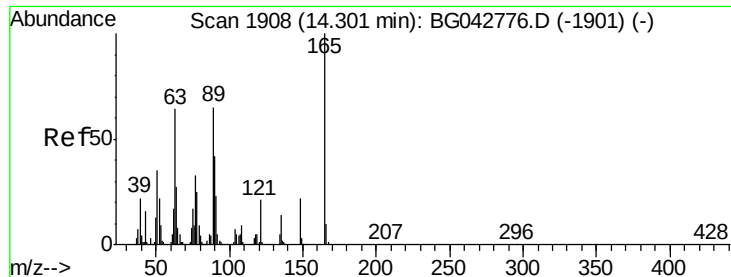
194 4.8 4.2 6.4

164 11.0 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

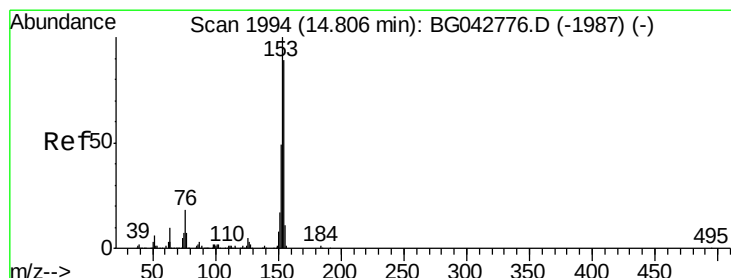
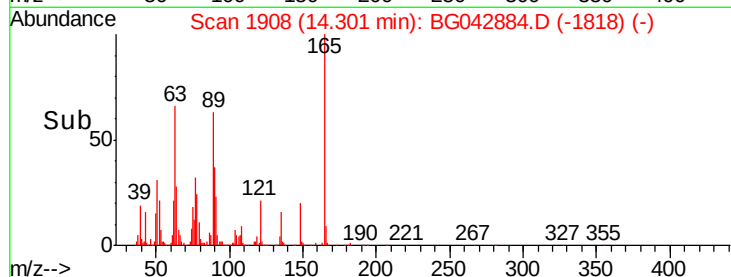
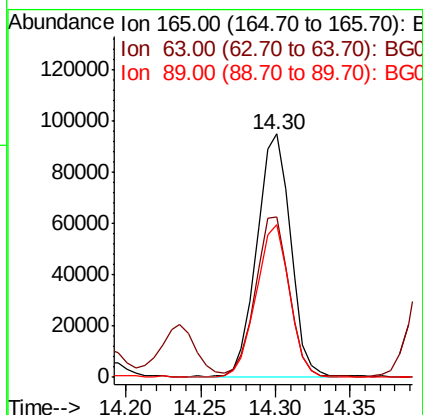
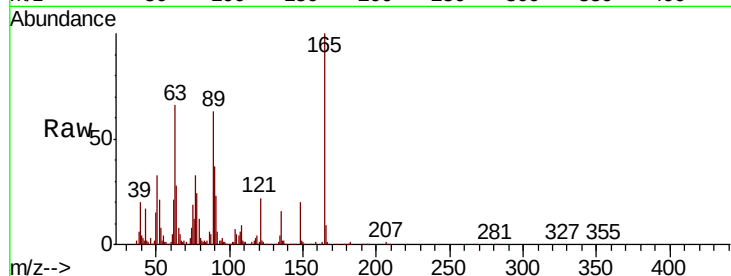




#51
 2,6-Dinitrotoluene
 Concen: 51.321 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

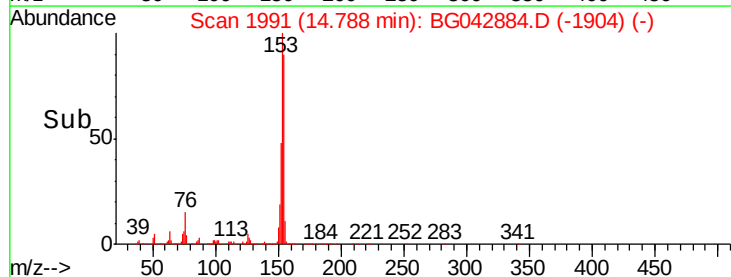
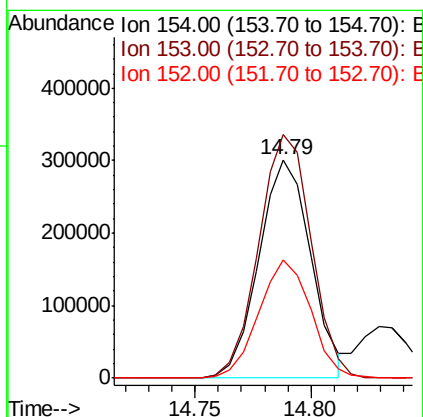
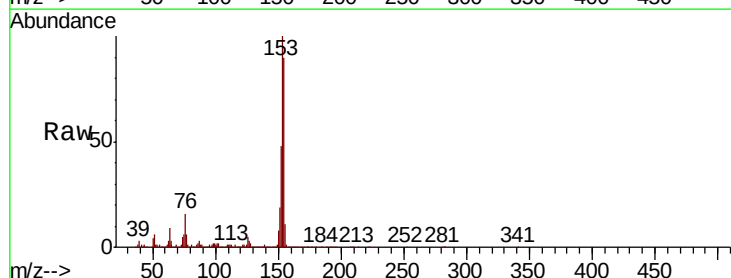
Instrument :
 BNA_G
 ClientSampleId :

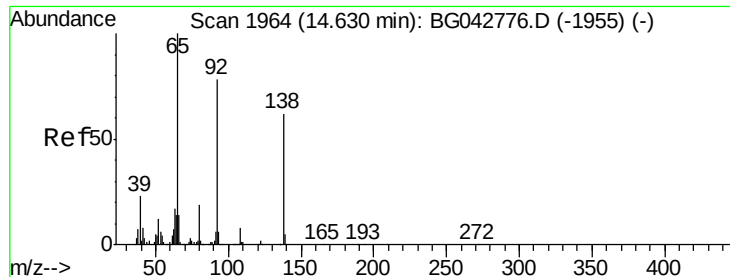
Tot Ion:165 Resp: 147393
 Ion Ratio Lower Upper
 165 100
 63 66.1 52.1 78.1
 89 62.8 51.7 77.5



#52
 Acenaphthene
 Concen: 43.278 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion:154 Resp: 467499
 Ion Ratio Lower Upper
 154 100
 153 111.3 89.4 134.2
 152 53.9 43.5 65.3





#53

3-Nitroaniline

Concen: 16.626 ng

RT: 14.64 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

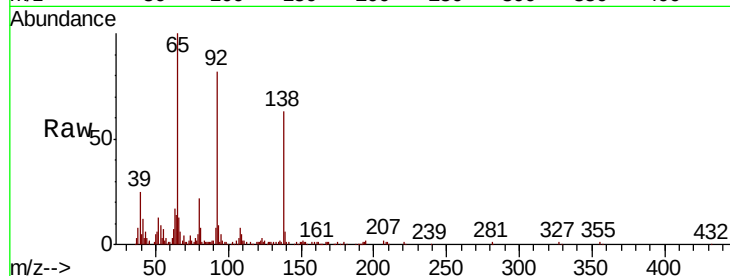
Tot Ion:138 Resp: 53591

Ion Ratio Lower Upper

138 100

108 13.0 10.7 16.1

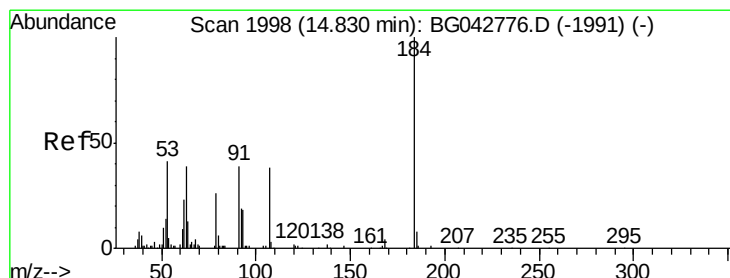
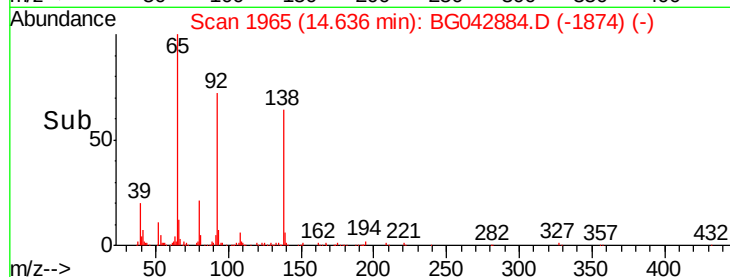
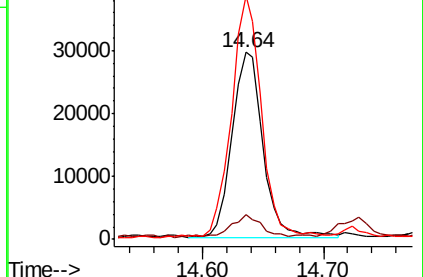
92 130.3 100.5 150.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 125.309 ng

RT: 14.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

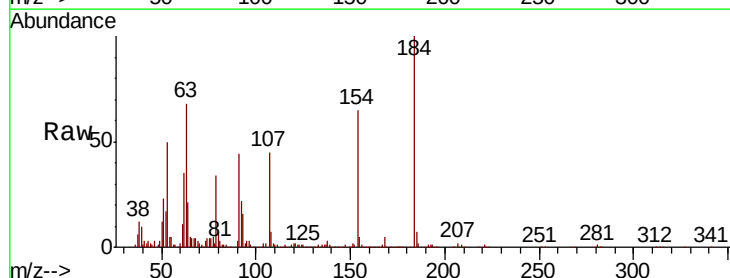
Tgt Ion:184 Resp: 177166

Ion Ratio Lower Upper

184 100

63 67.7 46.2 69.4

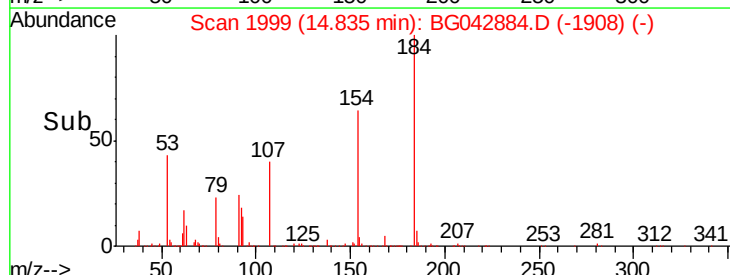
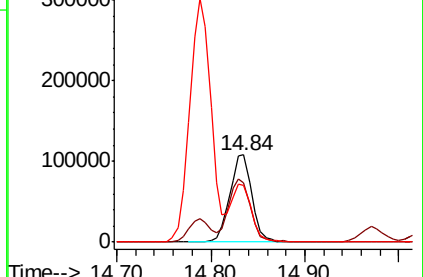
154 64.7 81.3 121.9#

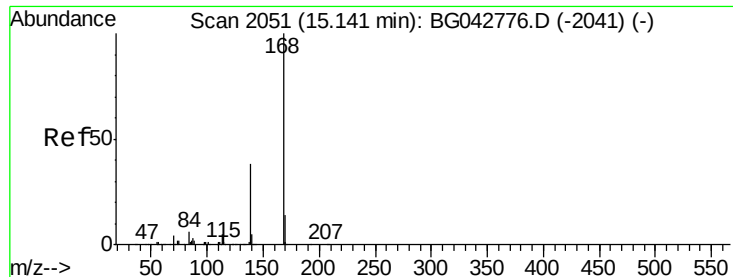


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

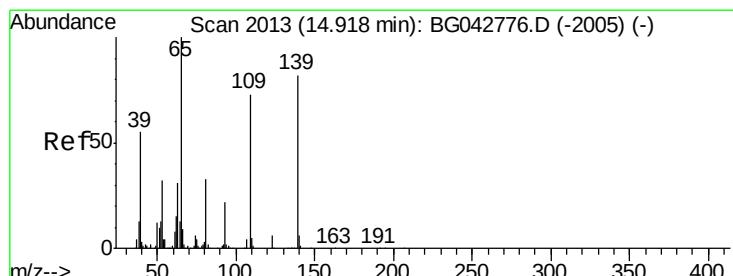
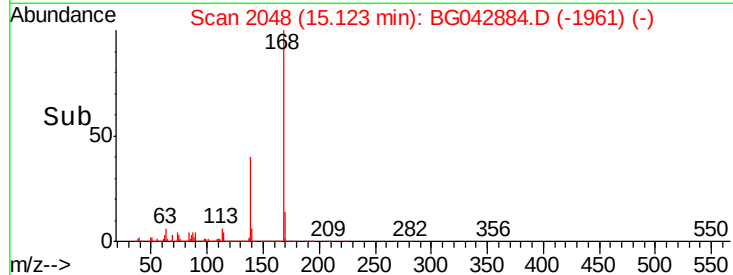
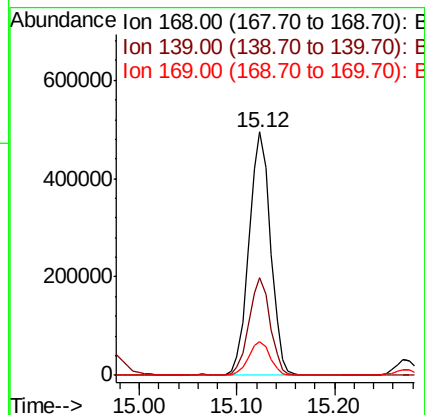
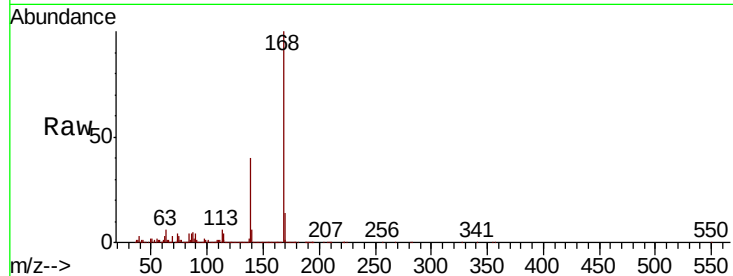




#55
Dibenzofuran
Concen: 47.184 ng
RT: 15.12 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

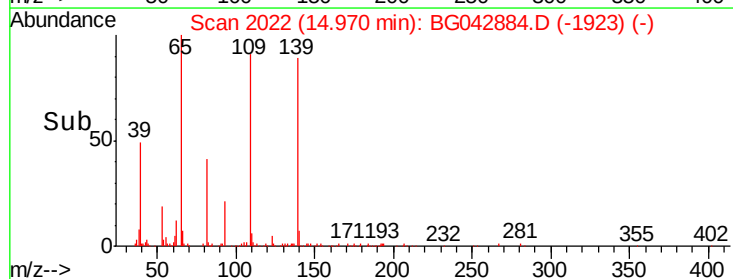
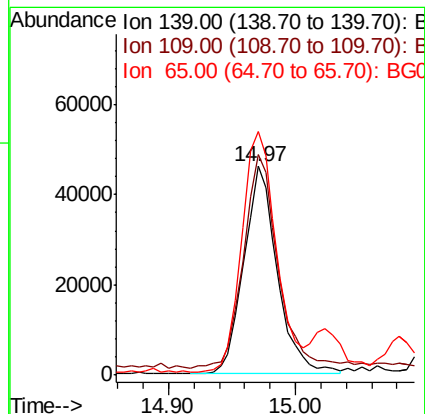
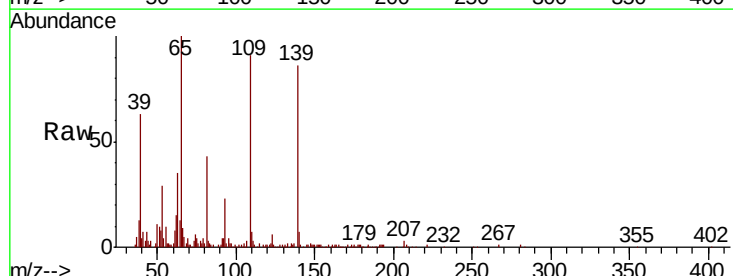
Instrument :
BNA_G
ClientSampleId :

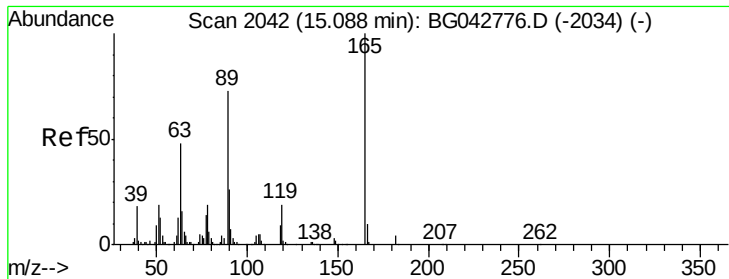
Tot Ion:168 Resp: 757595
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.4
169 14.1 11.2 16.8



#56
4-Nitrophenol
Concen: 33.793 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion:139 Resp: 84218
Ion Ratio Lower Upper
139 100
109 105.9 69.4 109.4
65 116.6 102.5 142.5

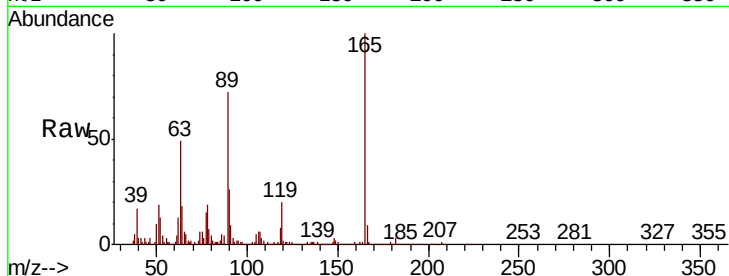




#57
 2,4-Dinitrotoluene
 Concen: 52.619 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.3	38.3	57.5
89	72.4	58.4	87.6
182	3.4	2.9	4.3



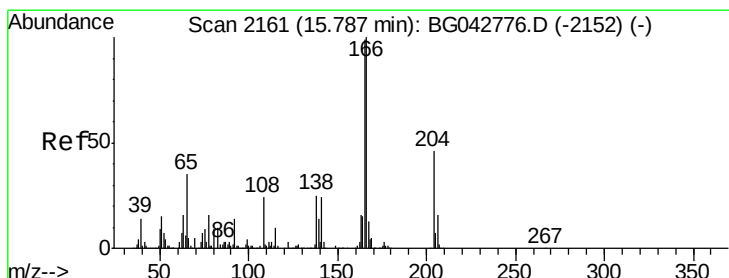
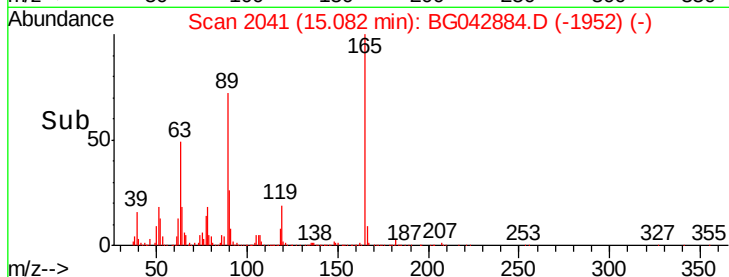
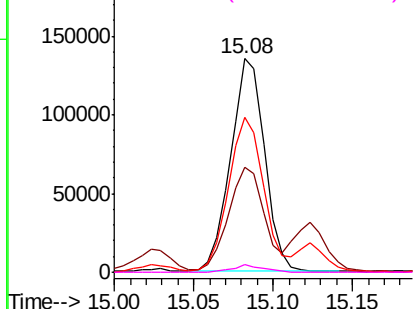
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

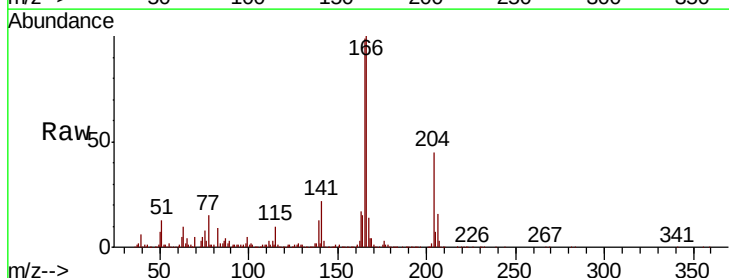
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 47.272 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.1	118.7
167	14.2	10.7	16.1

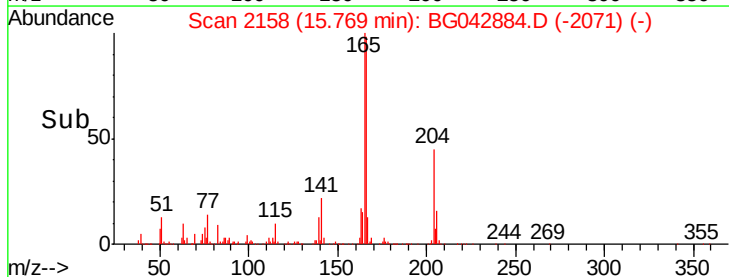
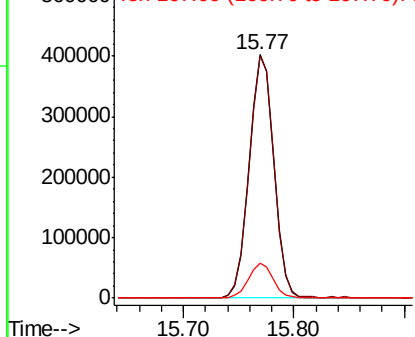


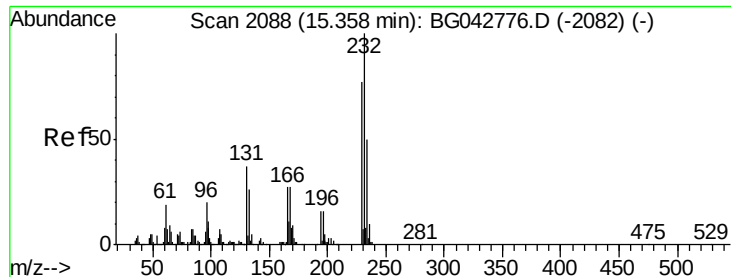
Abundance

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: 53.194 ng

RT: 15.28 min Scan# 2074

Delta R.T. -0.08 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 217101

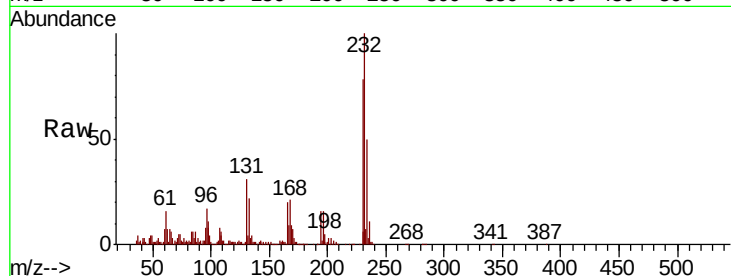
Ion Ratio Lower Upper

232 100

131 34.4 31.1 46.7

130 2.5 1.8 2.6

166 21.7 21.7 32.5

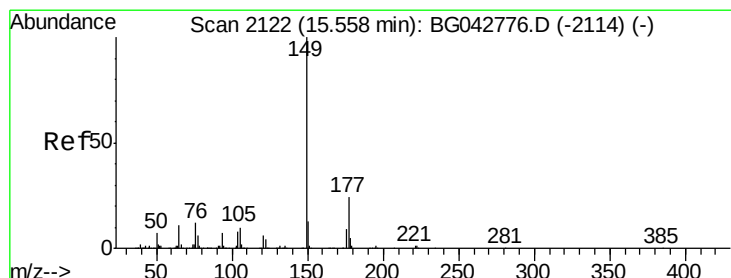
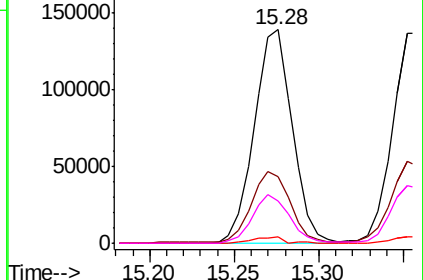
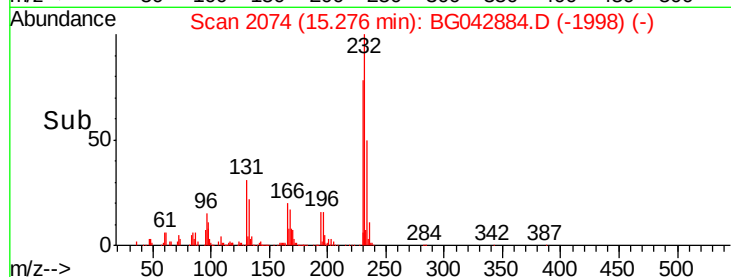


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.589 ng

RT: 15.55 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

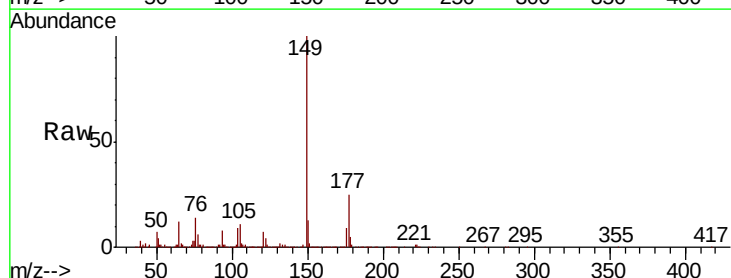
Tgt Ion:149 Resp: 619290

Ion Ratio Lower Upper

149 100

177 24.8 19.4 29.0

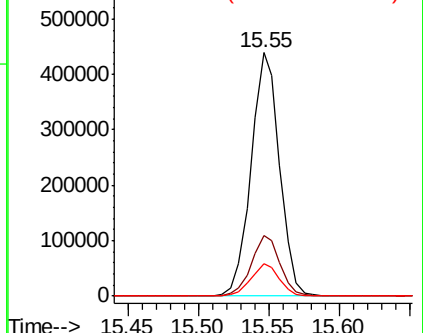
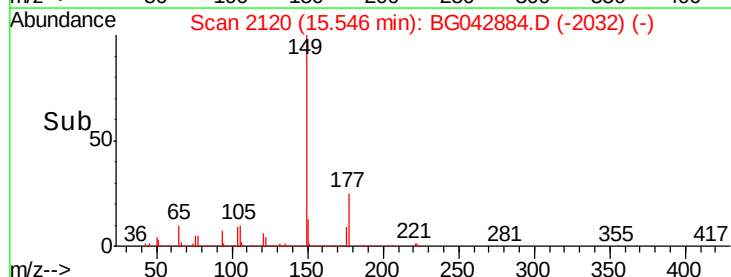
150 13.1 10.2 15.4

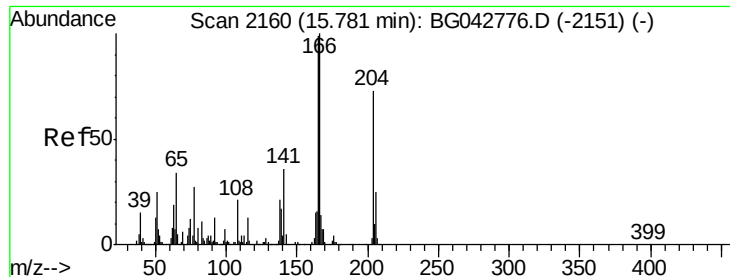


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

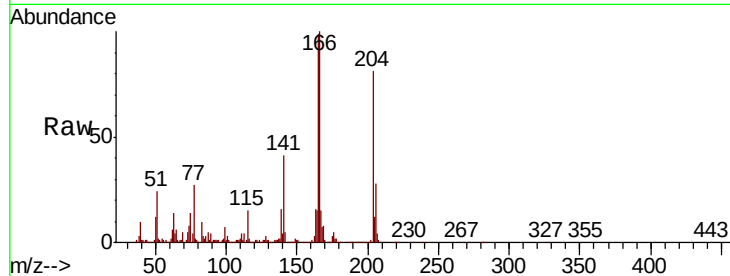




#61
4-Chlorophenyl-phenylether
Concen: 47.155 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.6	41.4
141	50.7	39.8	59.6

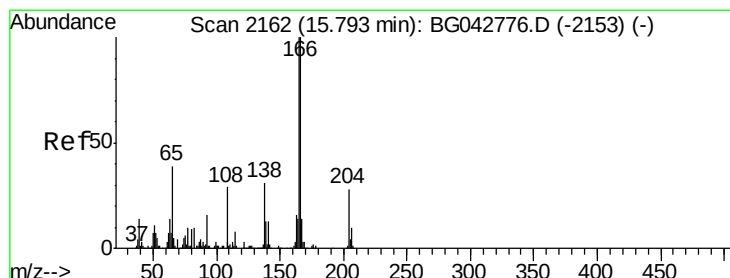
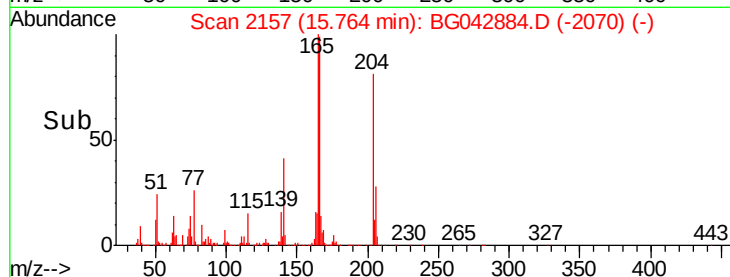
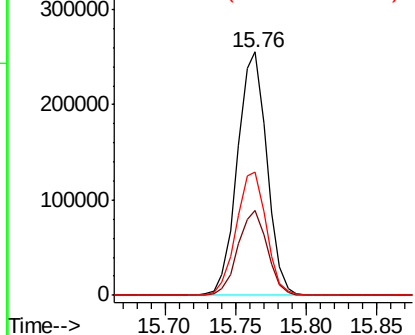


Abundance

Ion 204.00 (203.70 to 204.70): E

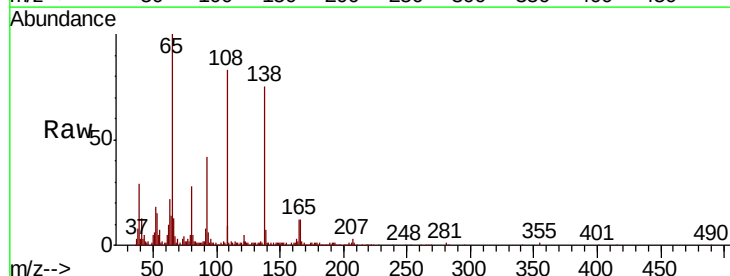
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.937 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	31.4	71.4
108	110.9	74.8	114.8

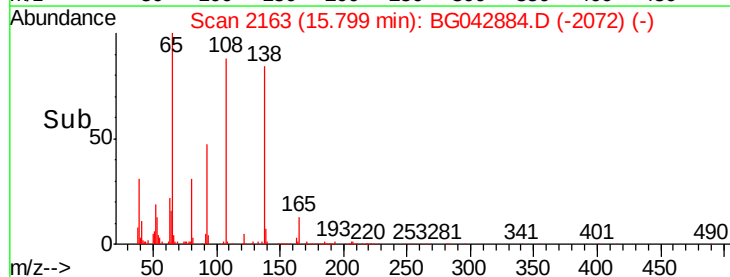
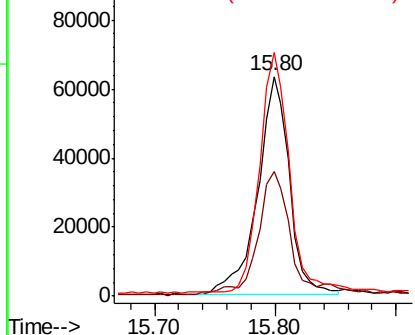


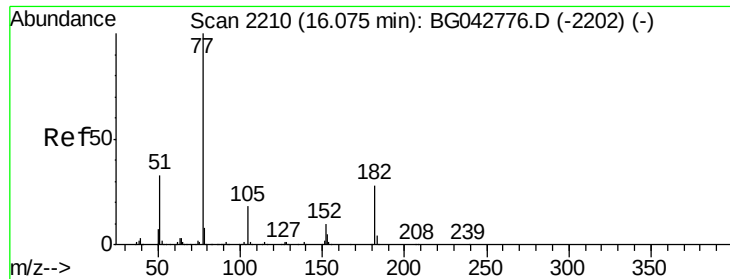
Abundance

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: 44.030 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 602398

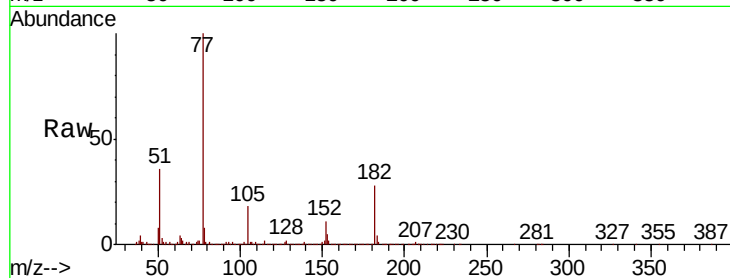
Ion Ratio Lower Upper

77 100

182 28.4 8.1 48.1

105 18.4 0.0 38.1

51 35.7 12.9 52.9

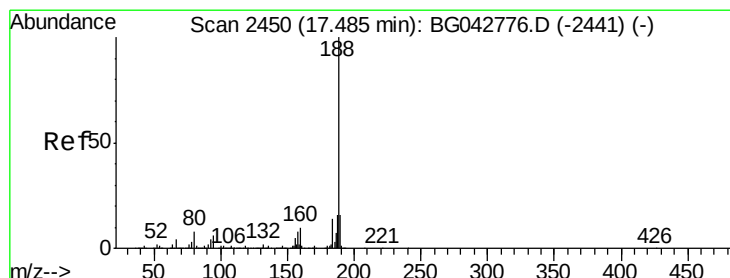
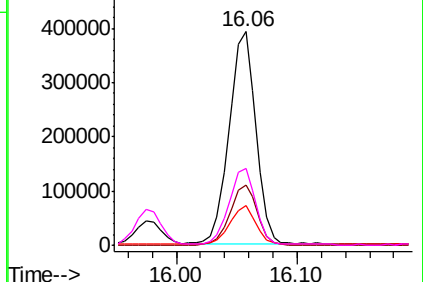
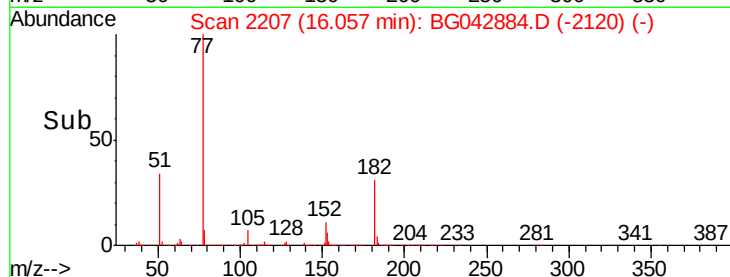


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

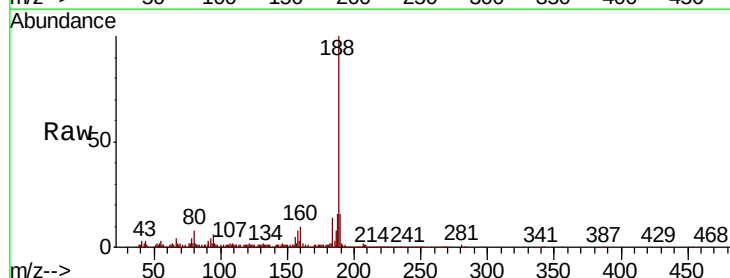
Tgt Ion: 188 Resp: 399640

Ion Ratio Lower Upper

188 100

94 6.2 4.8 7.2

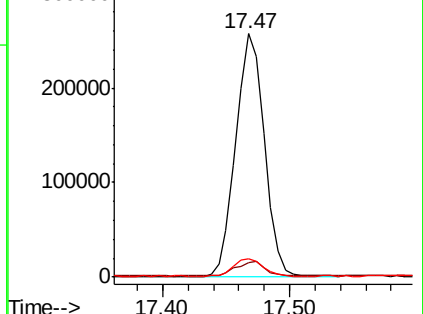
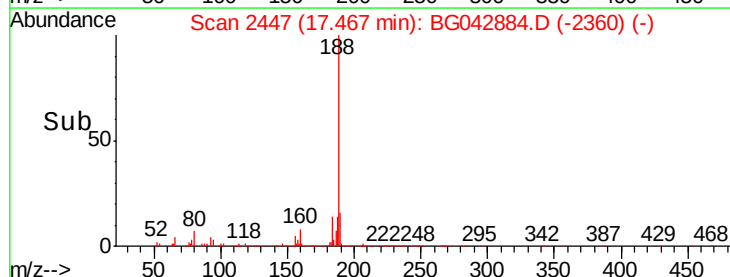
80 7.8 6.6 9.8

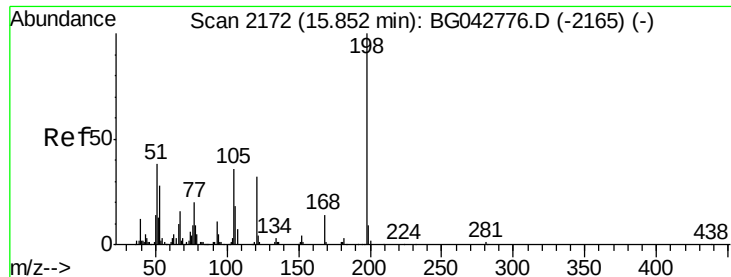


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 78.152 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

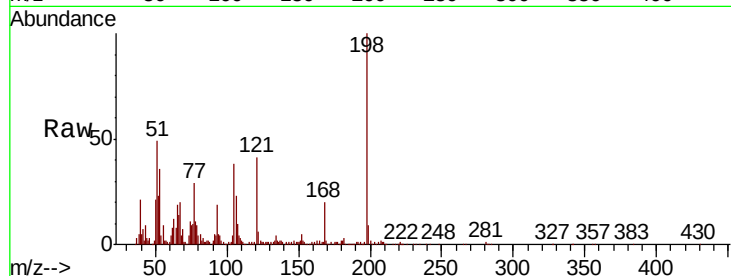
Tot Ion:198 Resp: 133640

Ion Ratio Lower Upper

198 100

51 49.3 20.9 60.9

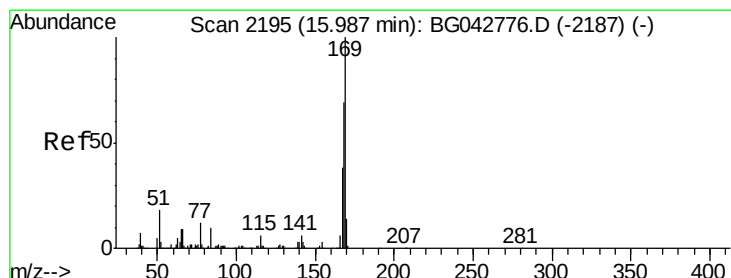
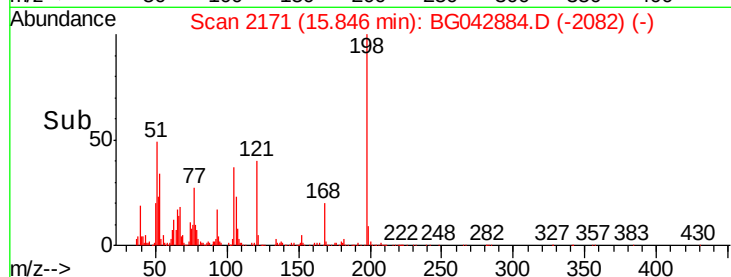
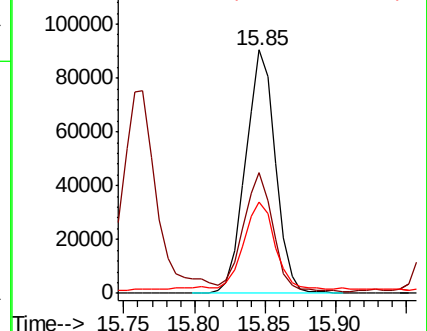
105 37.7 16.4 56.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.544 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

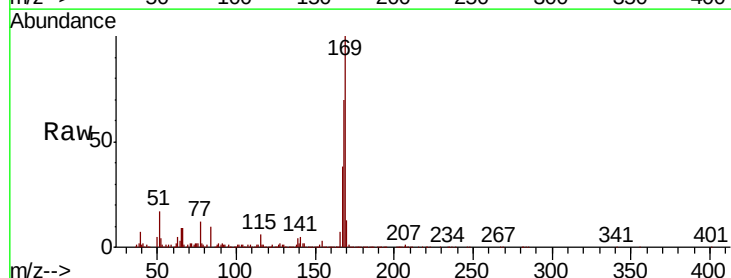
Tgt Ion:169 Resp: 565055

Ion Ratio Lower Upper

169 100

168 70.3 55.4 83.2

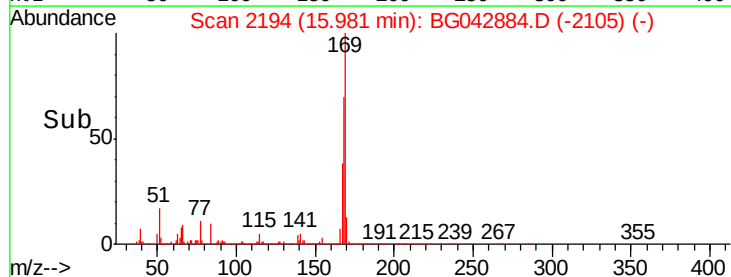
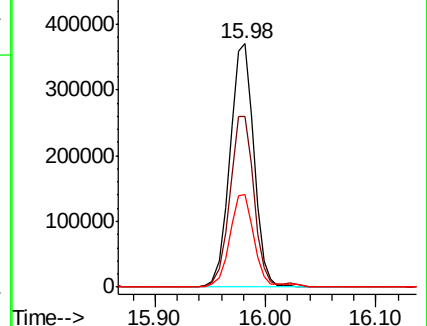
167 37.9 30.4 45.6

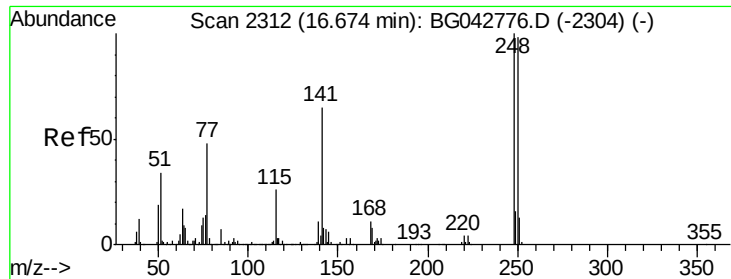


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

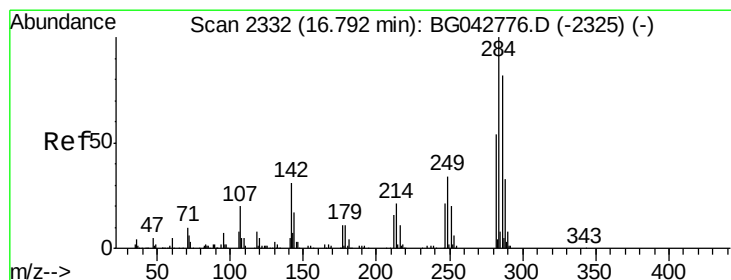
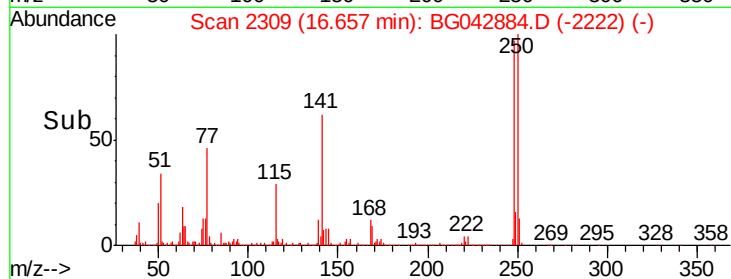
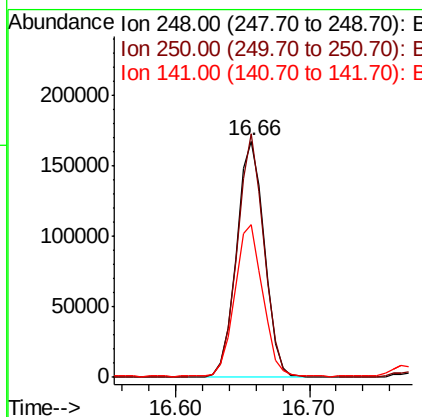
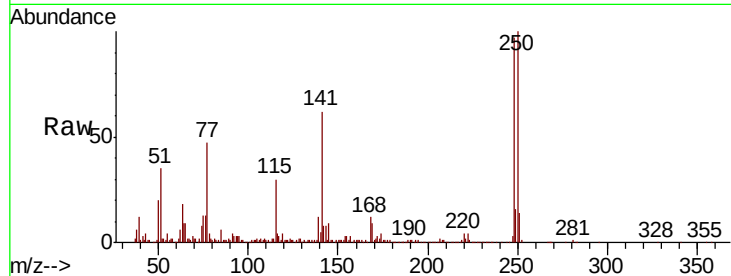




#67
 4-Bromophenyl-phenylether
 Concen: 49.991 ng
 RT: 16.66 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

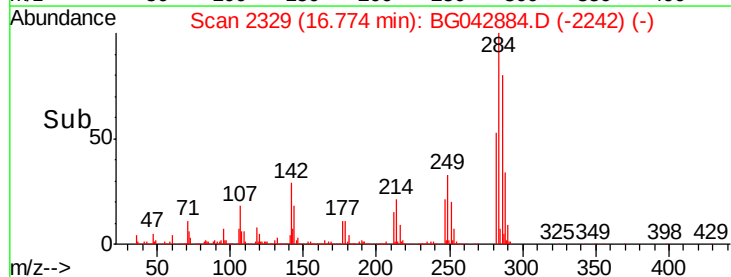
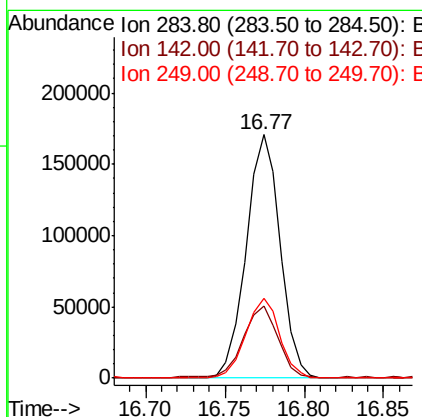
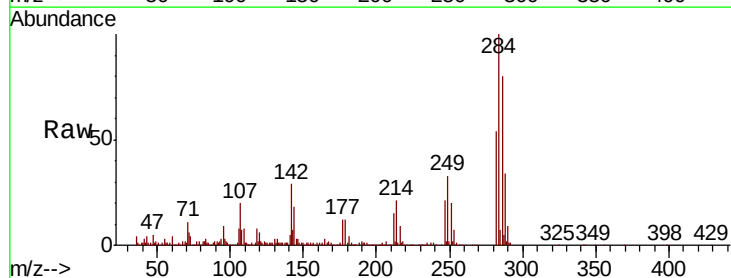
Instrument :
 BNA_G
 ClientSampled :

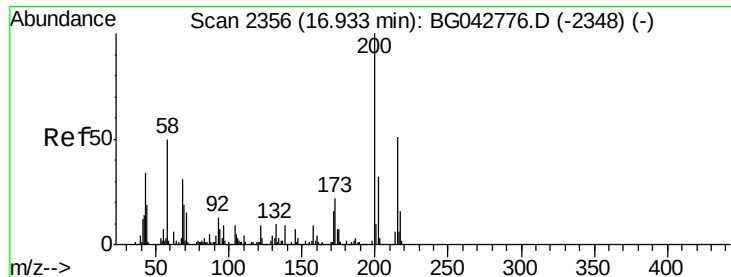
Tot Ion	Ratio	Lower	Upper
248	100		
250	102.9	78.0	117.0
141	64.3	51.8	77.6



#68
 Hexachlorobenzene
 Concen: 49.087 ng
 RT: 16.77 min Scan# 2329
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	24.7	37.1
249	32.6	27.0	40.4

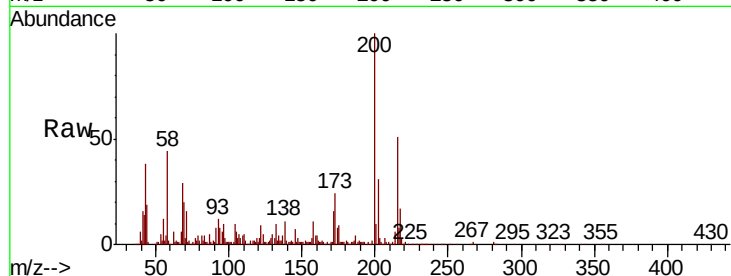




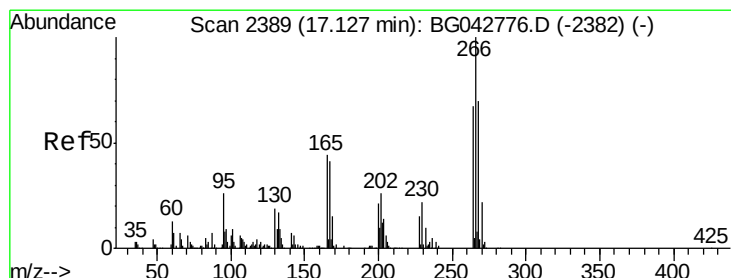
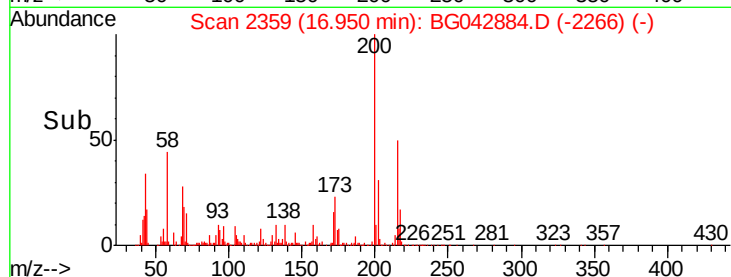
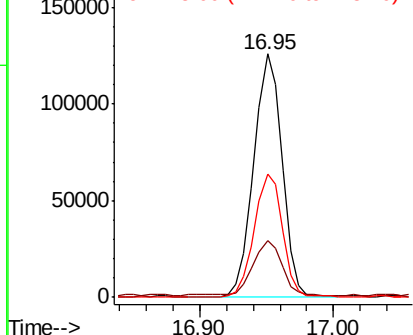
#69
Atrazine
Concen: 49.310 ng
RT: 16.95 min Scan# 2359
Delta R.T. 0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	2.5	42.5
215	50.5	31.0	71.0

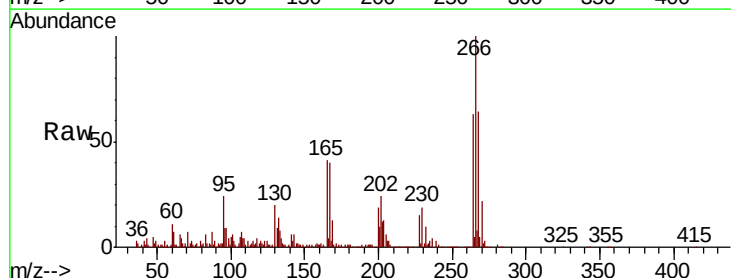


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

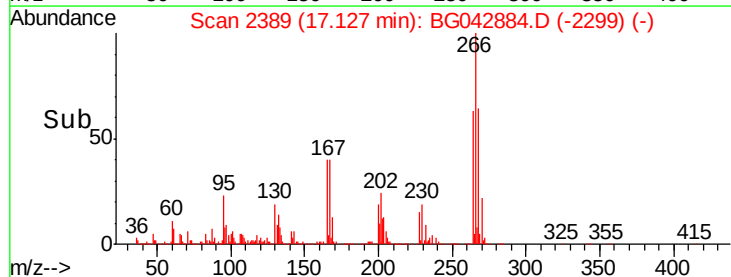
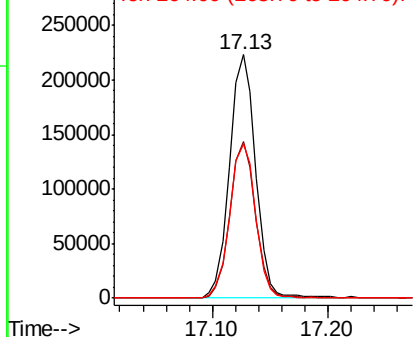


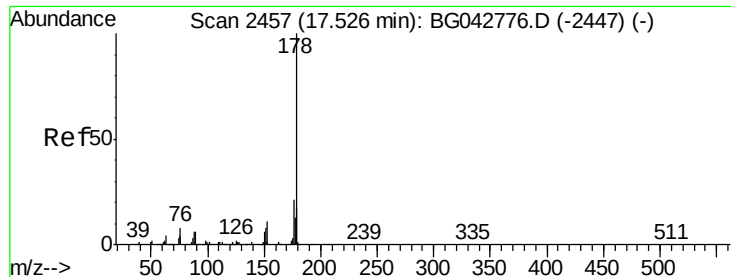
#70
Pentachlorophenol
Concen: 113.870 ng
RT: 17.13 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	56.2	84.4
264	63.4	53.4	80.2



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





#71

Phenanthrene

Concen: 48.924 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

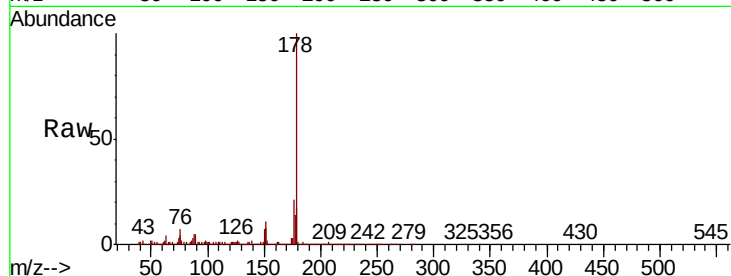
Tot Ion:178 Resp: 935051

Ion Ratio Lower Upper

178 100

176 20.9 17.0 25.4

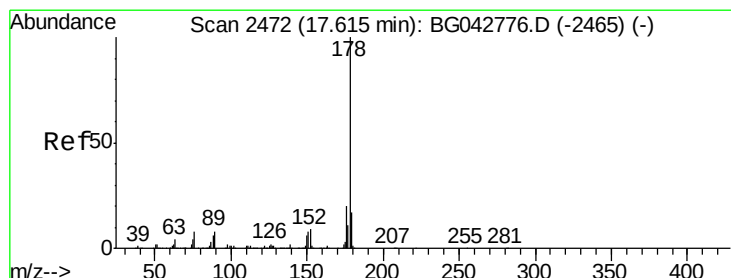
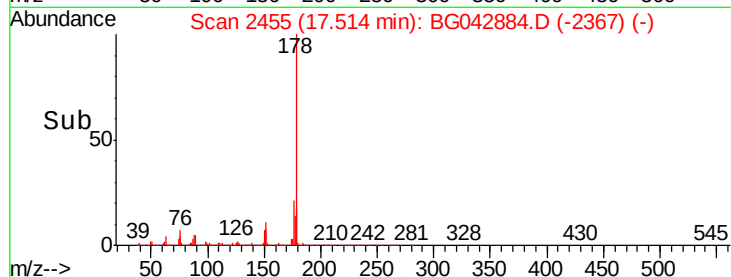
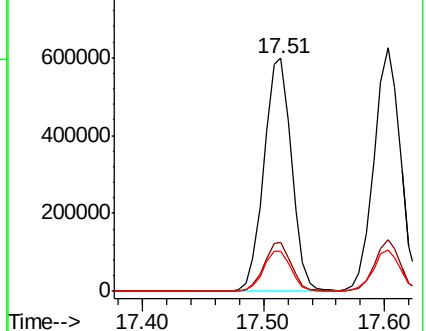
179 17.0 13.6 20.4



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



#72

Anthracene

Concen: 49.911 ng

RT: 17.60 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

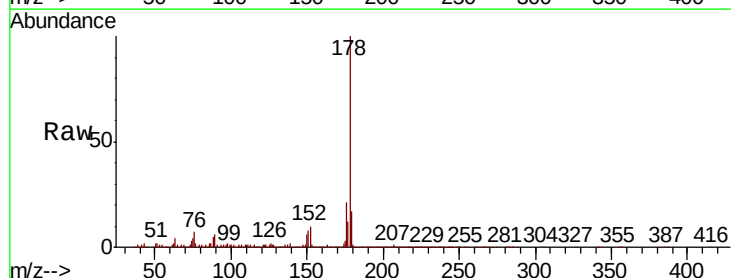
Tgt Ion:178 Resp: 953011

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

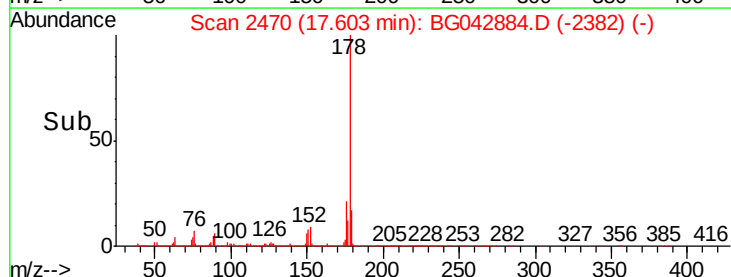
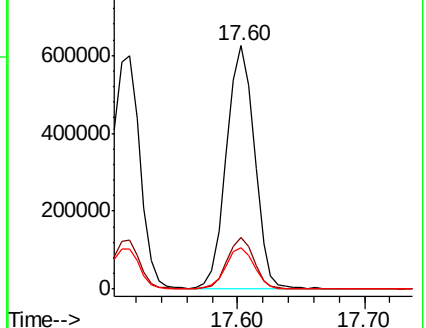
179 17.1 13.6 20.4

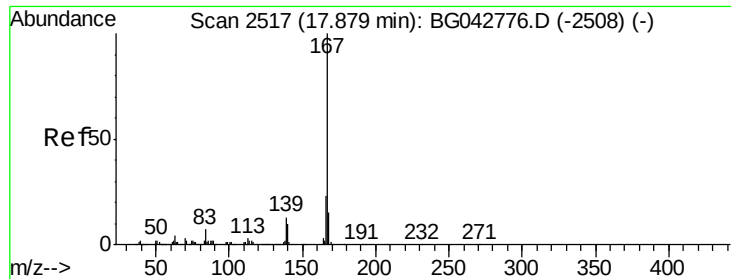


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

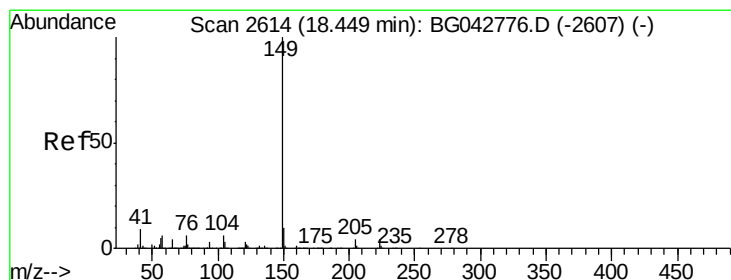
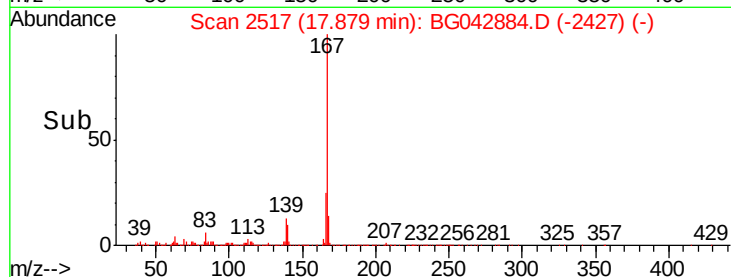
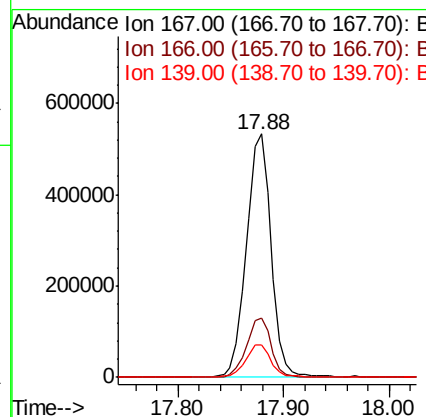
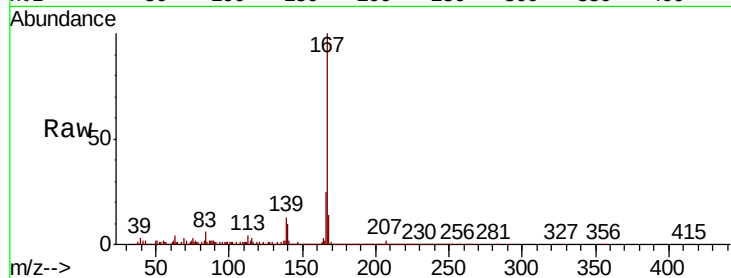




#73
 Carbazole
 Concen: 47.249 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

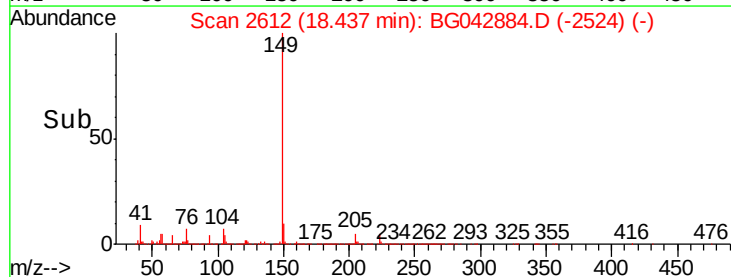
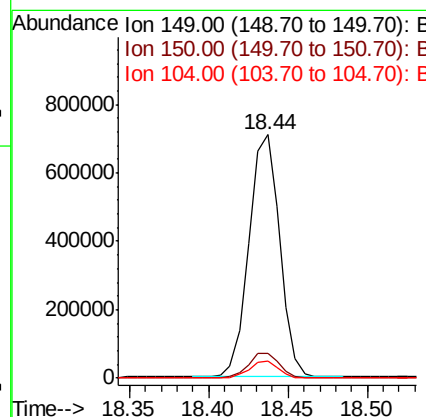
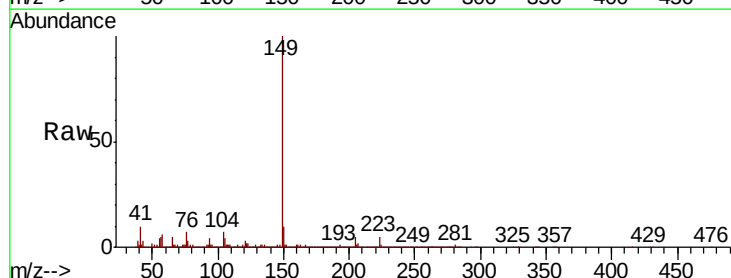
Instrument :
 BNA_G
 ClientSampleId :

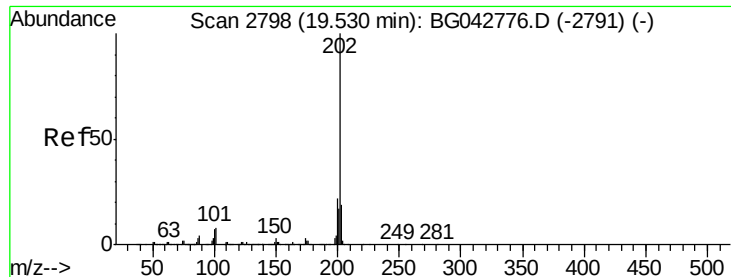
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	18.3	27.5
139	13.5	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 43.762 ng
 RT: 18.44 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.0	12.0
104	6.8	5.1	7.7





#75

Fluoranthene

Concen: 45.250 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampled :

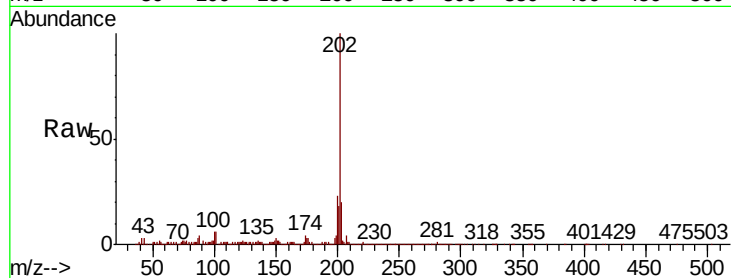
Tot Ion:202 Resp: 1120841

Ion Ratio Lower Upper

202 100

101 6.4 0.0 27.8

203 19.7 0.0 39.1

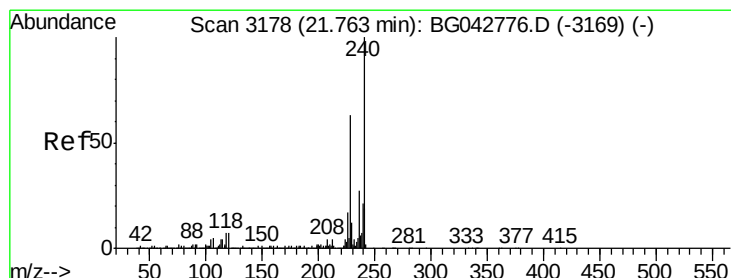
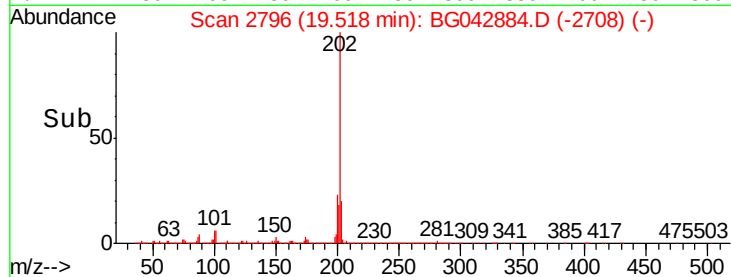
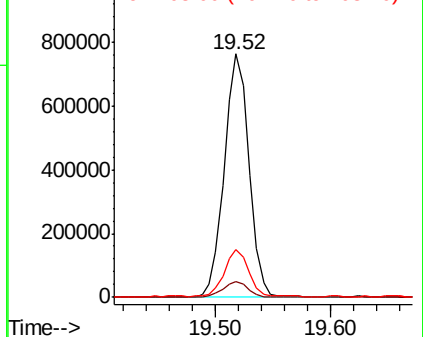


Abundance

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: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

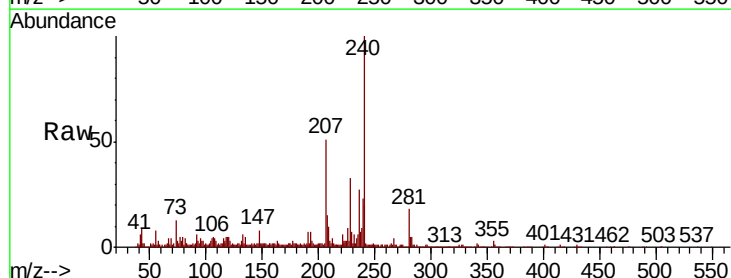
Tgt Ion:240 Resp: 362483

Ion Ratio Lower Upper

240 100

120 5.3 5.4 8.2#

236 26.6 21.7 32.5

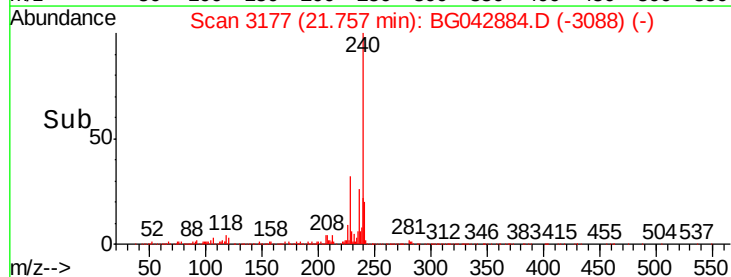
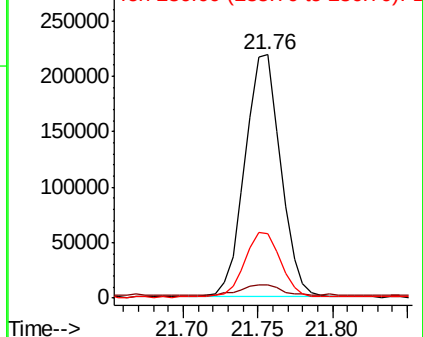


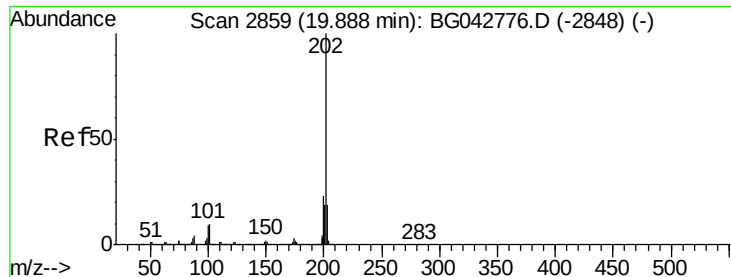
Abundance

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





#78

Pvrene

Concen: 49.886 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

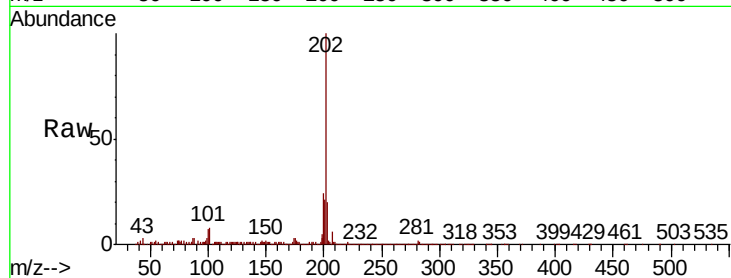
Tot Ion:202 Resp: 1132104

Ion Ratio Lower Upper

202 100

200 23.7 18.5 27.7

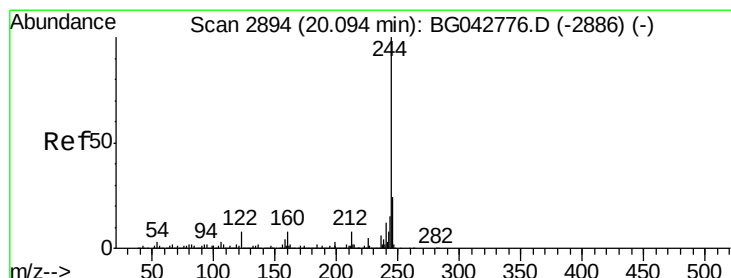
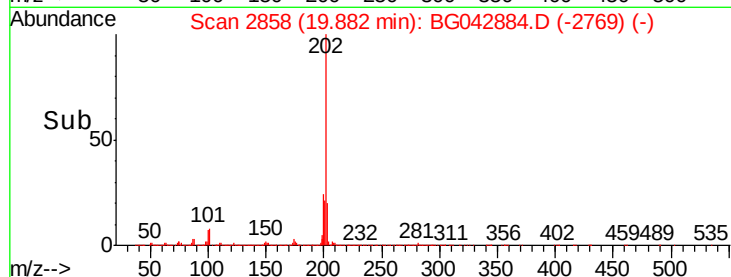
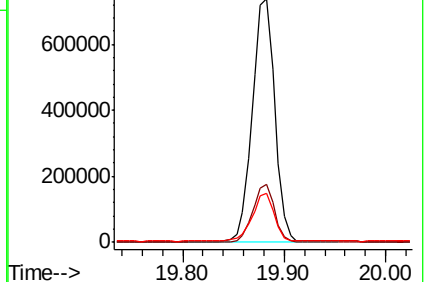
203 20.2 15.3 22.9



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: 98.080 ng

RT: 20.08 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

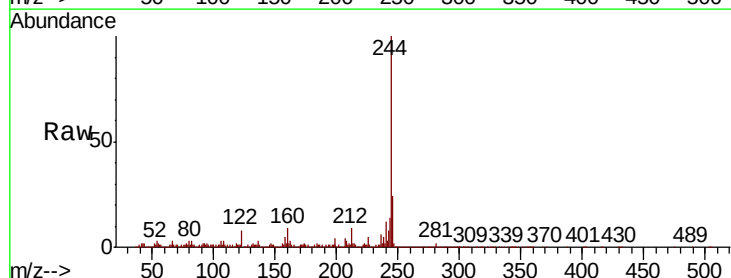
Tgt Ion:244 Resp: 1604146

Ion Ratio Lower Upper

244 100

212 9.3 6.6 10.0

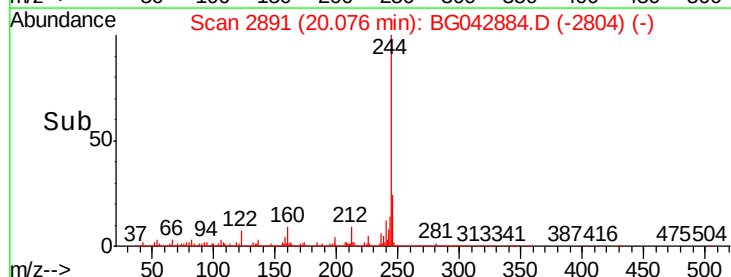
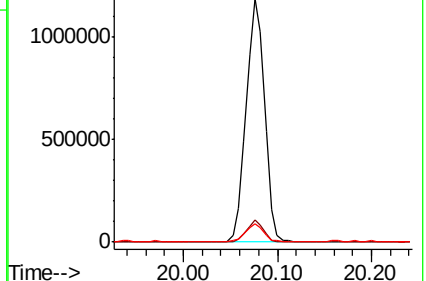
122 7.7 6.2 9.4

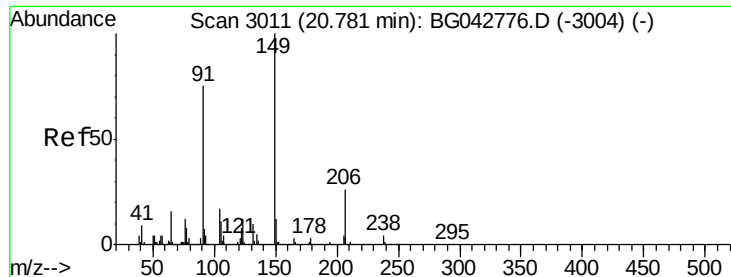


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

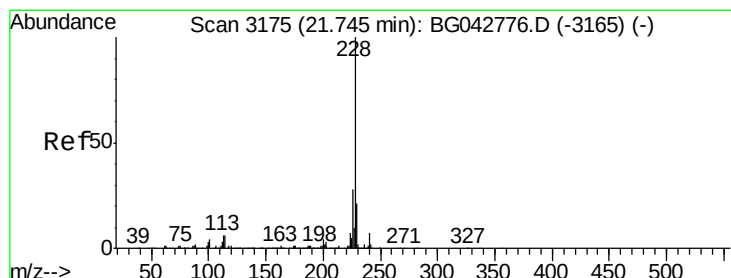
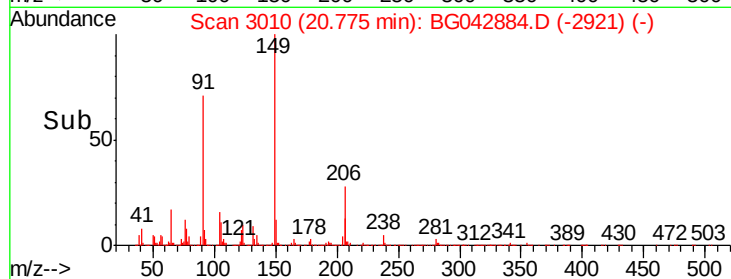
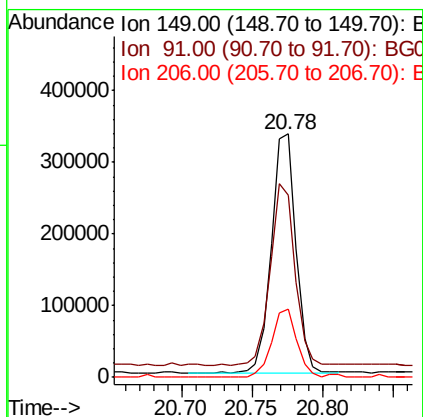
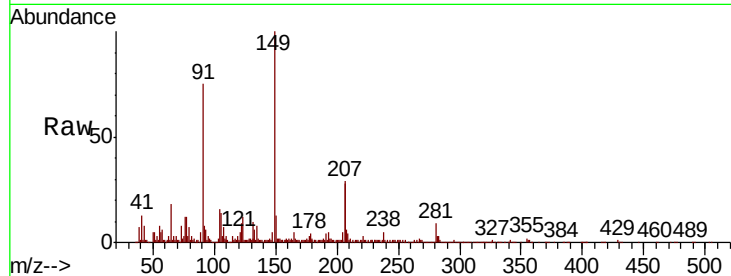




#80
Butylbenzylphthalate
Concen: 44.285 ng
RT: 20.78 min Scan# 3010
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

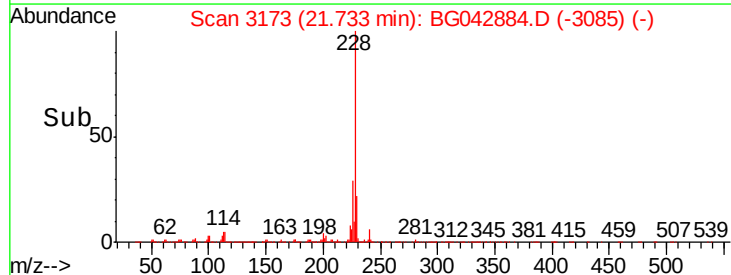
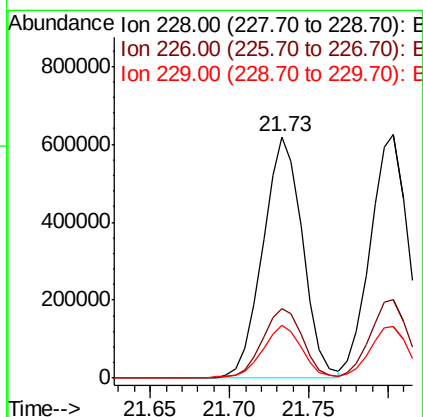
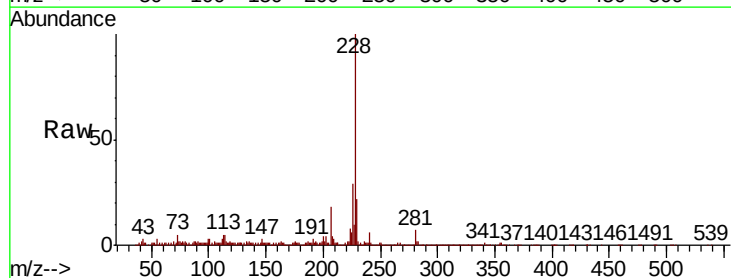
Instrument :
BNA_G
ClientSampleId :

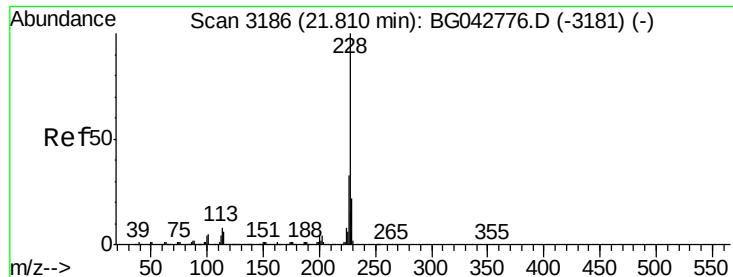
Tot Ion:149 Resp: 406737
Ion Ratio Lower Upper
149 100
91 75.1 60.2 90.2
206 27.9 20.6 30.8



#81
Benzo(a)anthracene
Concen: 46.337 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion:228 Resp: 1067947
Ion Ratio Lower Upper
228 100
226 29.0 22.5 33.7
229 21.8 17.2 25.8





#83

Chrysene

Concen: 47.306 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

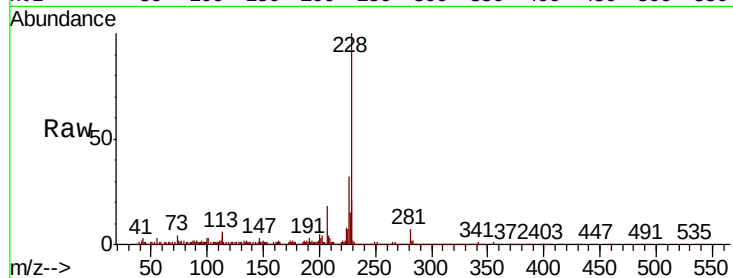
Tot Ion:228 Resp: 1032739

Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.0	39.0
229	21.5	17.1	25.7

228 100

226 32.4 26.0 39.0

229 21.5 17.1 25.7

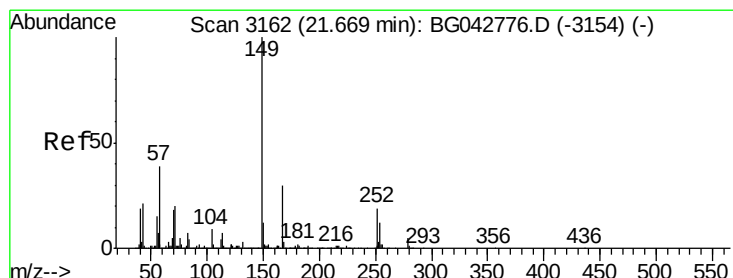
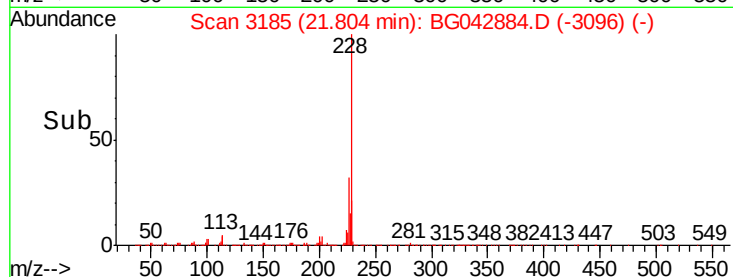
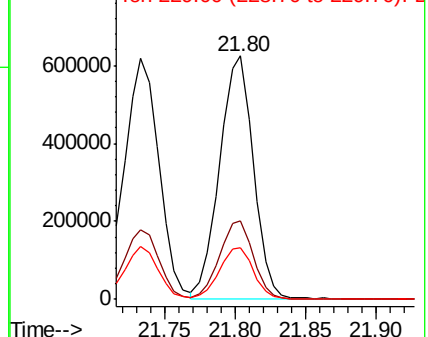


Abundance

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: 43.751 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

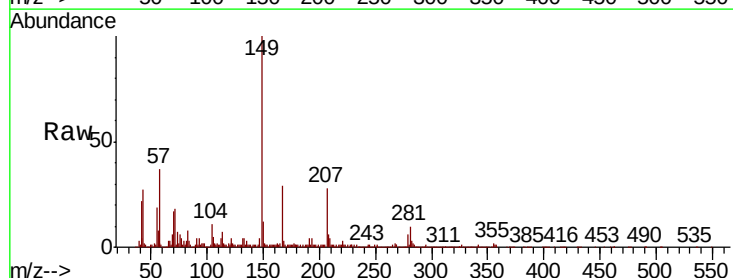
Tgt Ion:149 Resp: 549048

Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.3	36.5
279	6.2	4.2	6.4

149 100

167 29.0 24.3 36.5

279 6.2 4.2 6.4

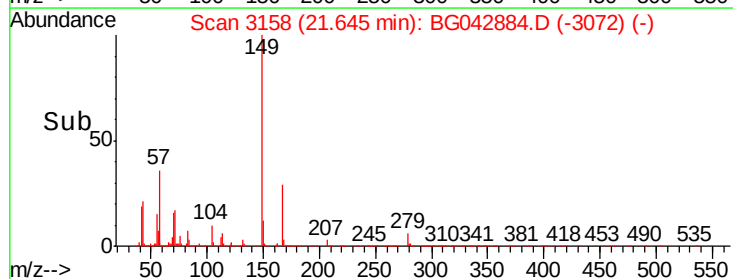
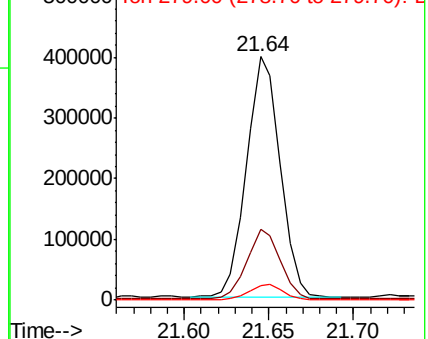


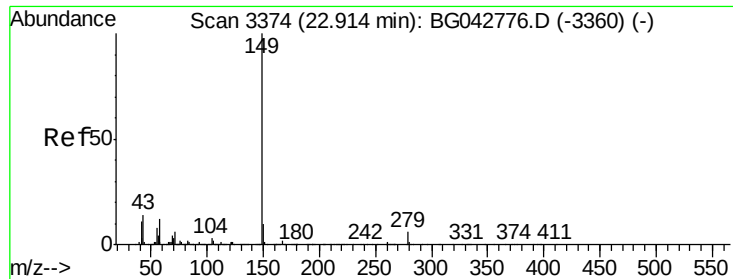
Abundance

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

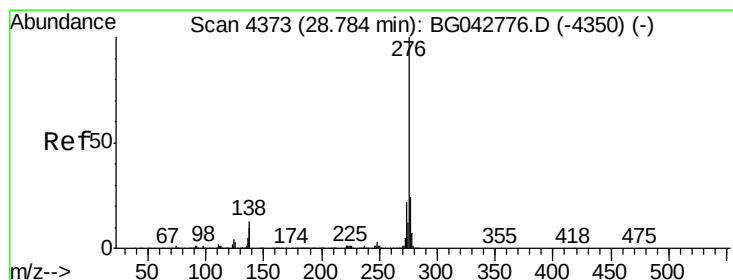
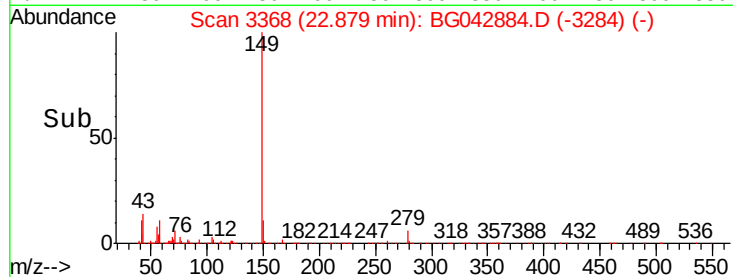
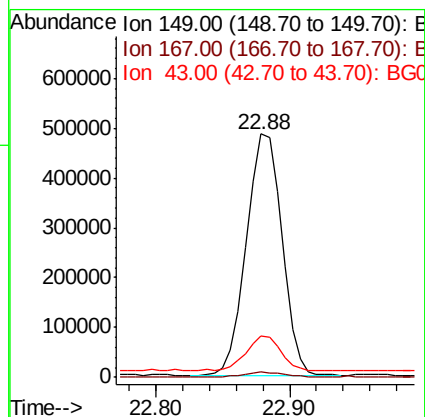
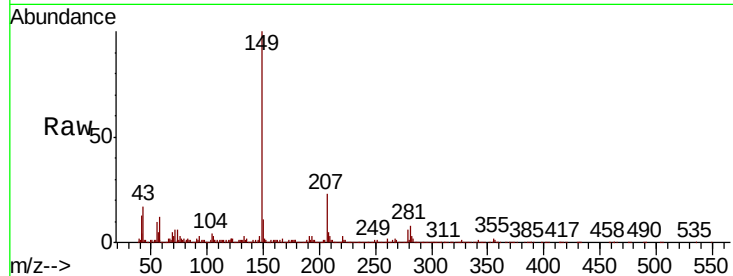




#85
Di-n-octyl phthalate
Concen: 41.774 ng
RT: 22.88 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

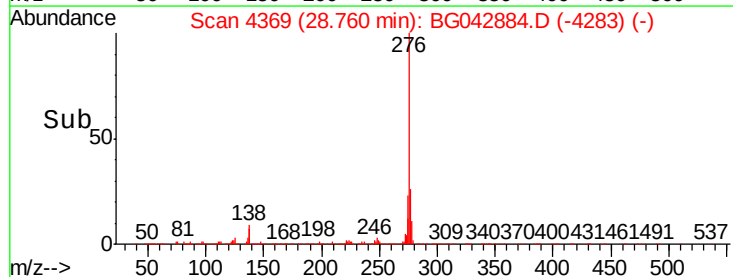
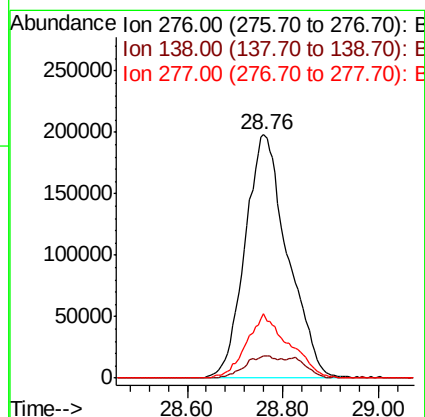
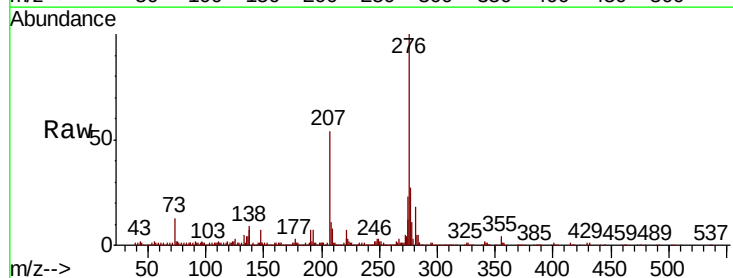
Instrument :
BNA_G
ClientSampleId :

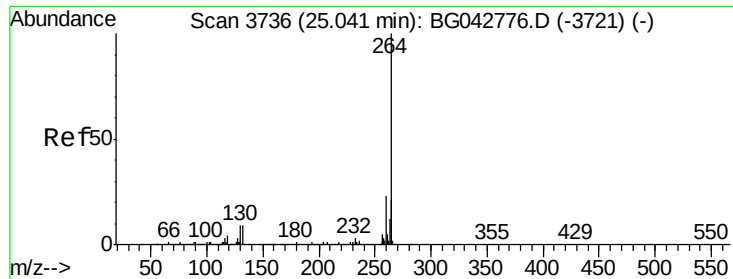
Tot Ion:149 Resp: 893684
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 14.0 10.6 15.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.116 ng
RT: 28.76 min Scan# 4369
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion:276 Resp: 1219704
Ion Ratio Lower Upper
276 100
138 7.5 9.3 13.9#
277 25.8 17.2 25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

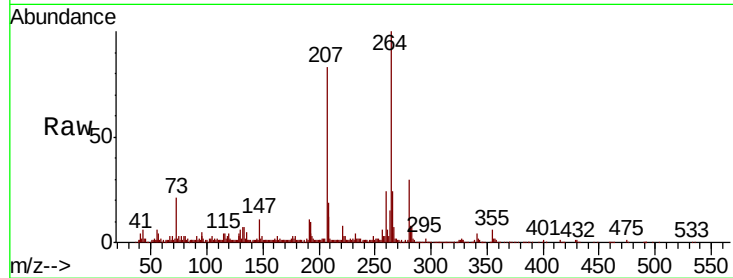
Tot Ion:264 Resp: 386384

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.2

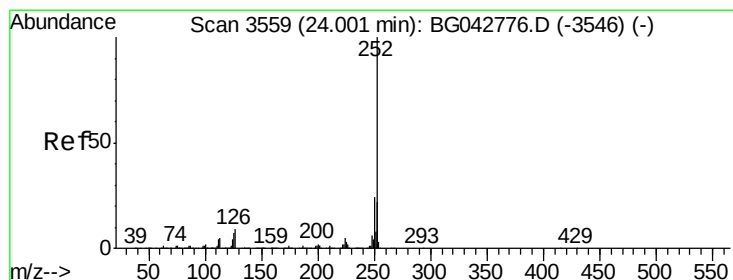
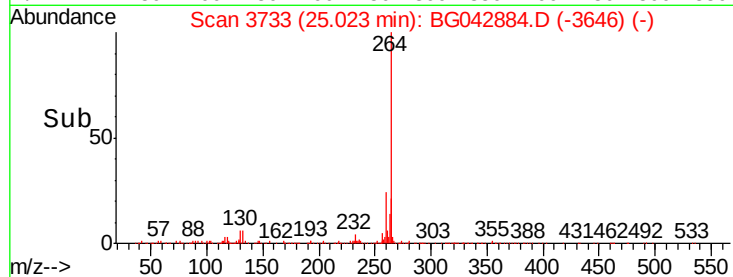
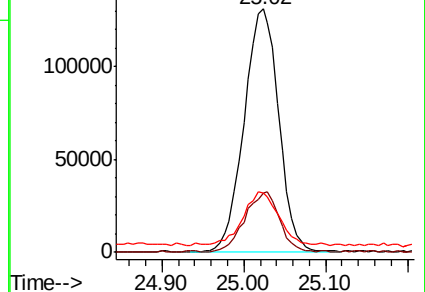
265 24.3 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.016 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

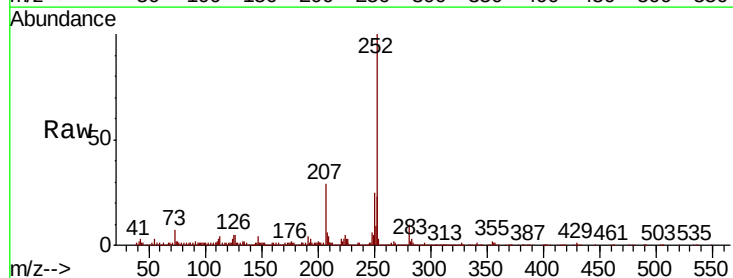
Tgt Ion:252 Resp: 1066689

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

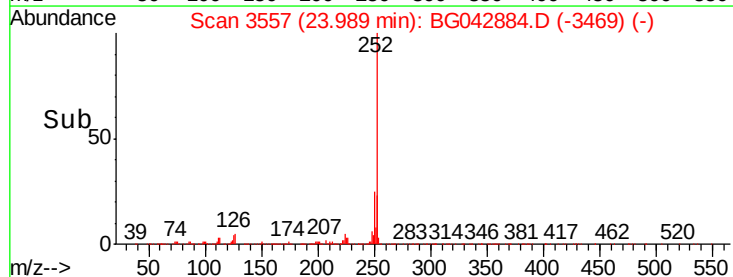
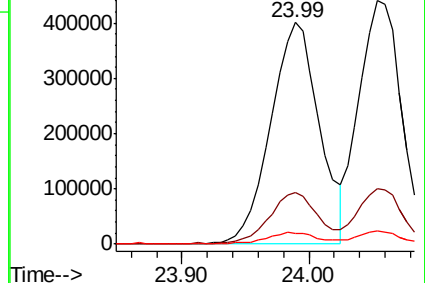
125 4.8 5.6 8.4#

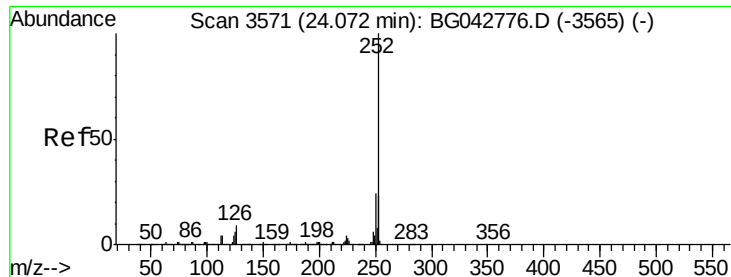


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.546 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampled :

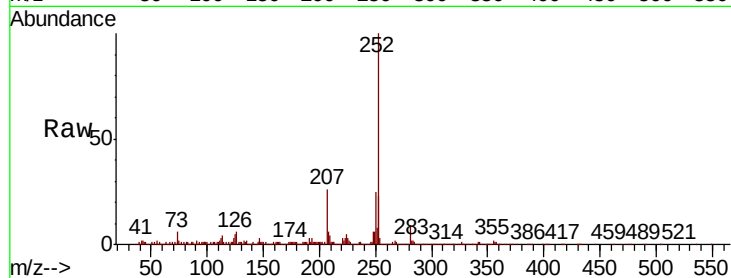
Tot Ion:252 Resp: 1018979

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

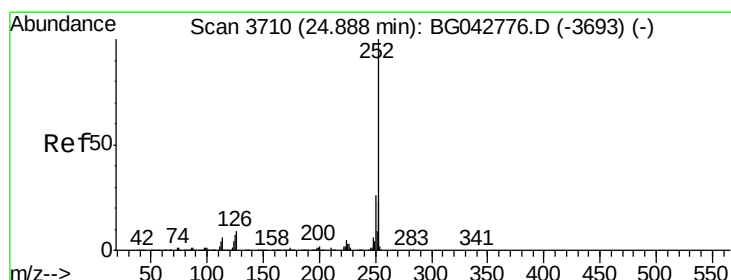
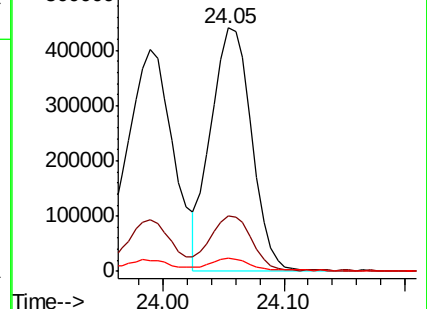
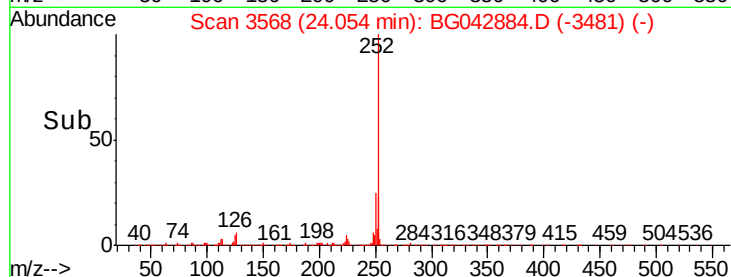
125 5.3 5.3 7.9



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: 47.633 ng

RT: 24.88 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

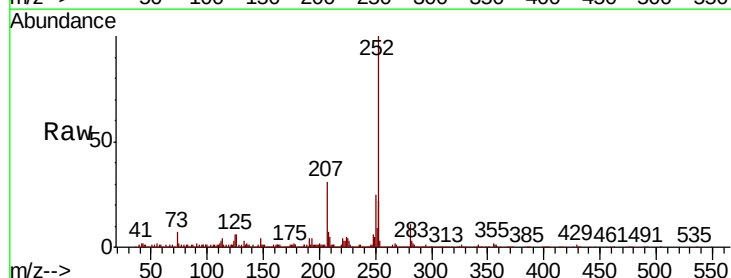
Tgt Ion:252 Resp: 1011908

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

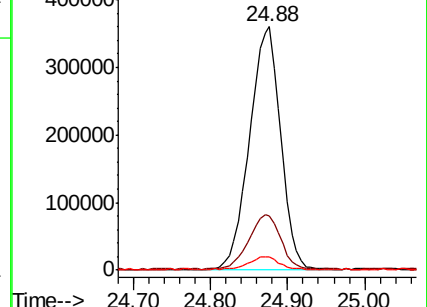
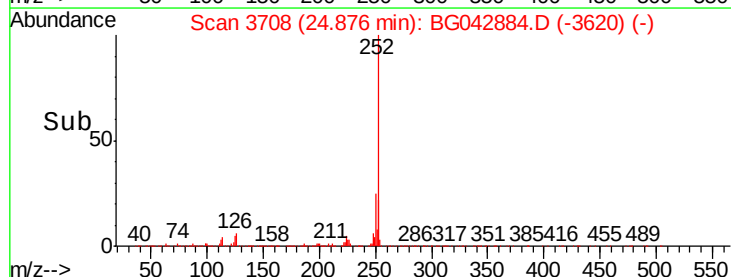
125 5.5 5.7 8.5#

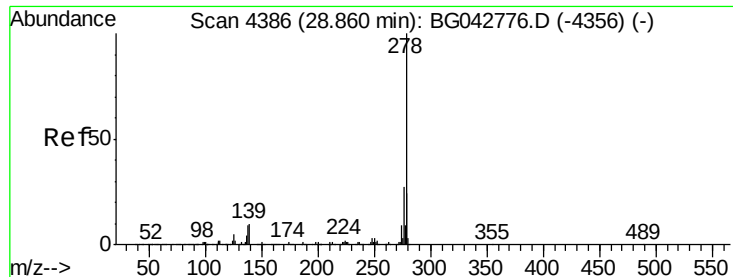


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



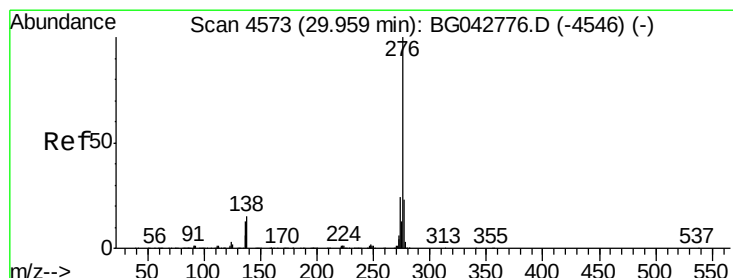
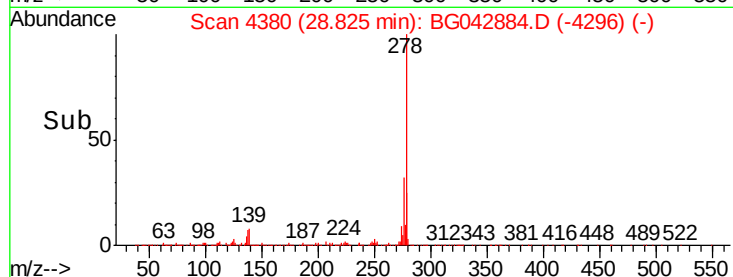
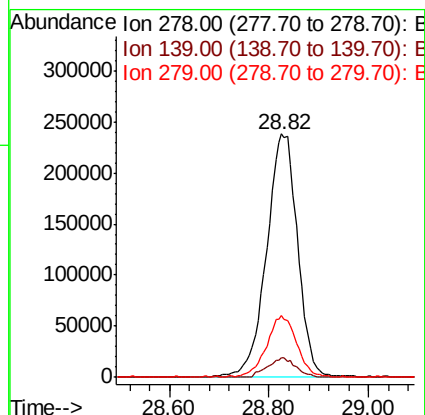
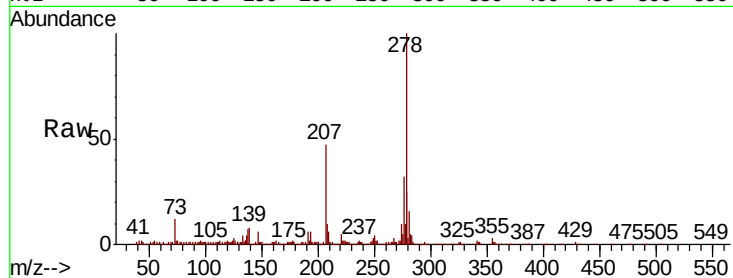


#91
Dibenzo(a,h)anthracene
Concen: 49.132 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.04 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1026568

Ion	Ratio	Lower	Upper
278	100		
139	7.9	8.2	12.2#
279	25.2	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 49.287 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion:276 Resp: 1004493

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.4	27.6
138	11.0	11.8	17.8#

