

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
 Data File : BG042922.D
 Acq On : 25 Sep 2019 10:52
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 12:58:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 12:51:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	45211	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	183781	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	141768	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	371672	20.00	ng	0.00
76) Chrysene-d12	21.72	240	416220	20.00	ng	0.00
87) Perylene-d12	24.97	264	472449	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	49151	18.85	ng	0.00
7) Phenol-d6	7.24	99	71561	19.01	ng	0.00
23) Nitrobenzene-d5	9.23	82	76911	20.41	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	50018	22.37	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	212555	22.00	ng	0.00
79) Terphenyl-d14	20.05	244	496265	24.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	10964	10.117	ng	94
3) Pyridine	3.97	79	28911	9.165	ng	98
4) n-Nitrosodimethylamine	3.88	42	12395	8.477	ng	85
6) Aniline	7.40	93	43213	9.413	ng	98
8) 2-Chlorophenol	7.64	128	26543	9.940	ng	88
9) Benzaldehyde	7.21	77	24847	10.603	ng	98
10) Phenol	7.27	94	32441	9.245	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	26500	9.687	ng	97
12) 1,3-Dichlorobenzene	7.96	146	35261	10.462	ng	98
13) 1,4-Dichlorobenzene	8.11	146	34725	10.248	ng	95
14) 1,2-Dichlorobenzene	8.43	146	33325	10.361	ng	95
15) Benzyl Alcohol	8.32	79	25196	8.901	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	54024	10.163	ng	98
17) 2-Methylphenol	8.52	107	23415	9.661	ng	90
18) Hexachloroethane	9.16	117	13966	11.248	ng	# 79
19) n-Nitroso-di-n-propylamine	8.88	70	24626	9.808	ng	# 96
20) 3+4-Methylphenols	8.85	107	31020	9.321	ng	92
22) Acetophenone	8.90	105	46657	9.731	ng	# 93
24) Nitrobenzene	9.28	77	36669	10.047	ng	94
25) Isophorone	9.80	82	66650	9.902	ng	99
26) 2-Nitrophenol	9.99	139	14374	9.553	ng	# 87
27) 2,4-Dimethylphenol	10.05	122	23466	9.984	ng	88
28) bis(2-Chloroethoxy)methane	10.28	93	38816	9.992	ng	96
29) 2,4-Dichlorophenol	10.53	162	27293	9.532	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	40006	10.929	ng	91
31) Naphthalene	10.93	128	97168	10.816	ng	98
32) Benzoic acid	10.13	122	10511	5.761	ng	# 81
33) 4-Chloroaniline	11.04	127	38376	9.593	ng	95
34) Hexachlorobutadiene	11.22	225	30323	11.478	ng	95
35) Caprolactam	11.80	113	9921	9.606	ng	# 82
36) 4-Chloro-3-methylphenol	12.16	107	31282	9.866	ng	96
37) 2-Methylnaphthalene	12.53	142	73950	10.824	ng	96
38) 1-Methylnaphthalene	12.75	142	70635	10.943	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	54341	10.356	ng	99

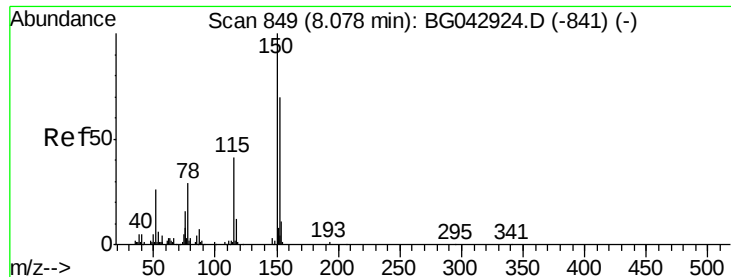
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
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 QLast Update : Wed Sep 25 12:51:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	32624	10.142	ng	96
43) 2,4,6-Trichlorophenol	13.14	196	29999	9.772	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	30799	9.721	ng	96
46) 1,1'-Biphenyl	13.53	154	111571	10.326	ng	97
47) 2-Chloronaphthalene	13.57	162	83839	10.289	ng	97
48) 2-Nitroaniline	13.78	65	24396	8.923	ng	96
49) Acenaphthylene	14.42	152	129711	10.523	ng	97
50) Dimethylphthalate	14.15	163	114084	10.997	ng	99
51) 2,6-Dinitrotoluene	14.26	165	21623	9.785	ng	94
52) Acenaphthene	14.76	154	88146	10.804	ng	99
53) 3-Nitroaniline	14.60	138	22413	9.650	ng	99
54) 2,4-Dinitrophenol	14.80	184	11643	8.943	ng	91
55) Dibenzofuran	15.09	168	133291	11.013	ng	99
56) 4-Nitrophenol	14.91	139	14485	8.188	ng	95
57) 2,4-Dinitrotoluene	15.04	165	31649	10.092	ng	94
58) Fluorene	15.74	166	112835	11.027	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.32	232	34931	10.781	ng	99
60) Diethylphthalate	15.51	149	116762	11.155	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	68614	11.325	ng	95
62) 4-Nitroaniline	15.76	138	24210	9.627	ng	81
63) Azobenzene	16.03	77	103235	10.263	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	17341	8.810	ng	88
66) n-Nitrosodiphenylamine	15.94	169	100693	10.079	ng	96
67) 4-Bromophenyl-phenylether	16.63	248	46587	10.188	ng	92
68) Hexachlorobenzene	16.75	284	52841	10.475	ng	94
69) Atrazine	16.89	200	44187	10.719	ng	95
70) Pentachlorophenol	17.10	266	25417	8.765	ng	93
71) Phenanthrene	17.48	178	195034	10.803	ng	98
72) Anthracene	17.57	178	191810	10.681	ng	99
73) Carbazole	17.84	167	174866	10.445	ng	97
74) Di-n-butylphthalate	18.40	149	207158	10.628	ng	99
75) Fluoranthene	19.49	202	267292	11.686	ng	95
77) Benzidine	19.67	184	111938	9.688	ng	98
78) Pyrene	19.85	202	279080	11.243	ng	99
80) Butylbenzylphthalate	20.74	149	88333	9.215	ng	96
81) Benzo(a)anthracene	21.70	228	282982	11.040	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	103405	10.128	ng	98
83) Chrysene	21.77	228	283776	11.448	ng	96
84) Bis(2-ethylhexyl)phthalate	21.61	149	133291	9.832	ng	95
85) Di-n-octyl phthalate	22.84	149	218392	9.735	ng	100
86) Indeno(1,2,3-cd)pyrene	28.67	276	316935	10.255	ng	98
88) Benzo(b)fluoranthene	23.93	252	280437	10.424	ng	97
89) Benzo(k)fluoranthene	24.00	252	287785	11.073	ng	97
90) Benzo(a)pyrene	24.81	252	262889	10.375	ng	# 98
91) Dibenzo(a,h)anthracene	28.73	278	264318	10.273	ng	# 98
92) Benzo(g,h,i)perylene	29.82	276	260589	10.471	ng	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

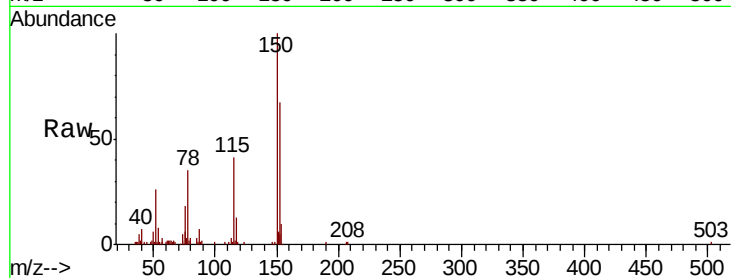
Tot Ion:152 Resp: 45211

Ion Ratio Lower Upper

152 100

150 148.4 115.0 172.4

115 60.3 47.0 70.6

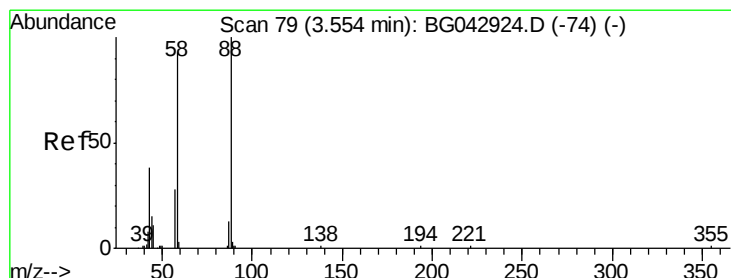
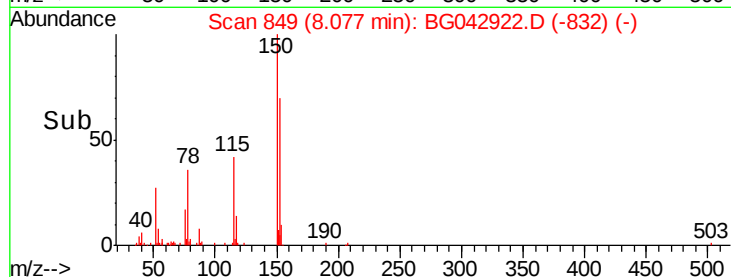
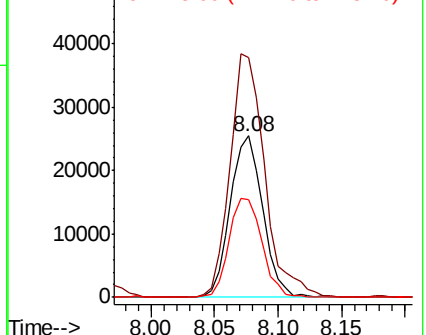


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.117 ng

RT: 3.56 min Scan# 80

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

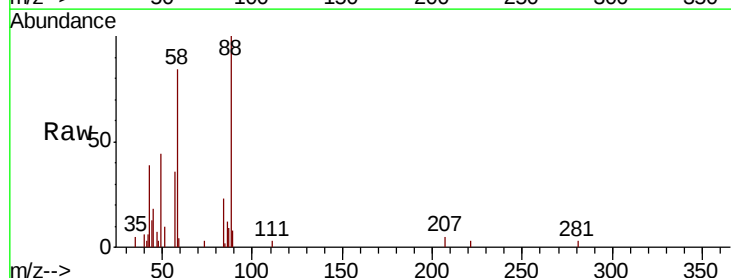
Tgt Ion: 88 Resp: 10964

Ion Ratio Lower Upper

88 100

58 88.8 74.3 111.5

43 42.7 29.8 44.8

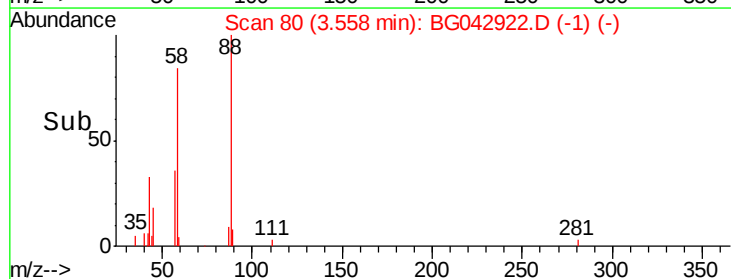
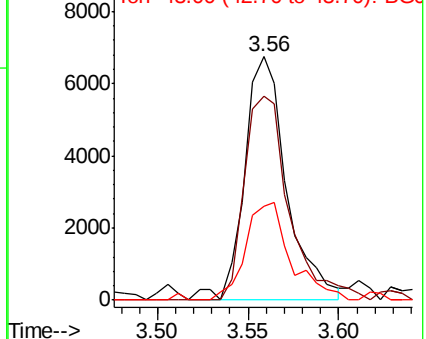


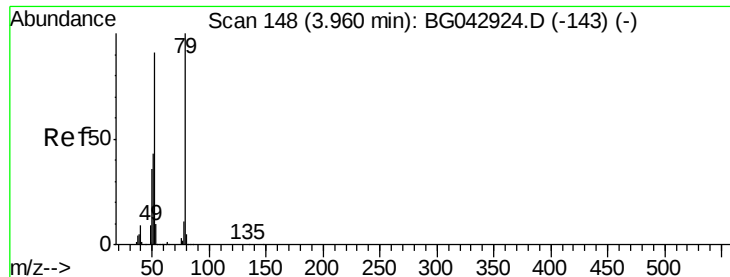
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

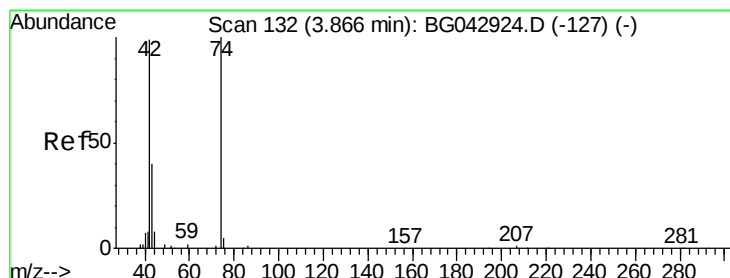
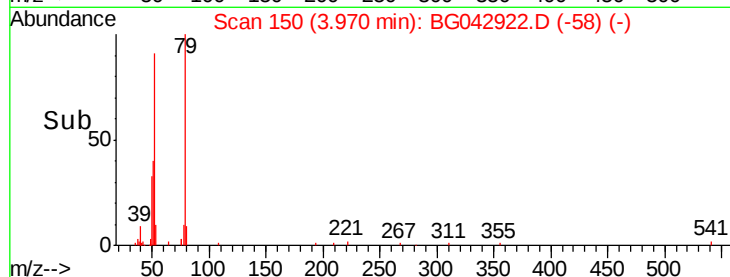
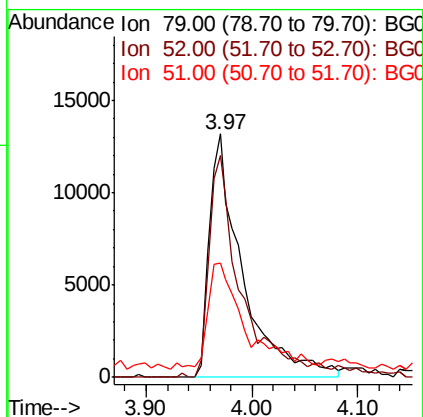
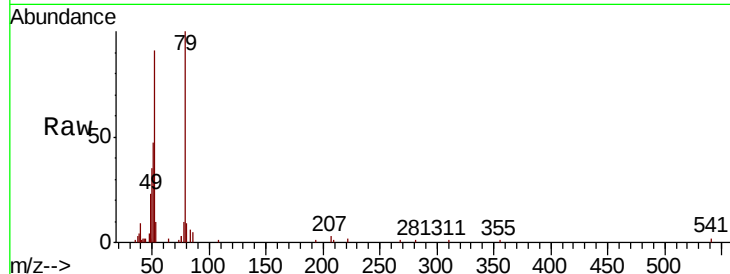




#3
 Pvridine
 Concen: 9.165 ng
 RT: 3.97 min Scan# 150
 Delta R.T. 0.01 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

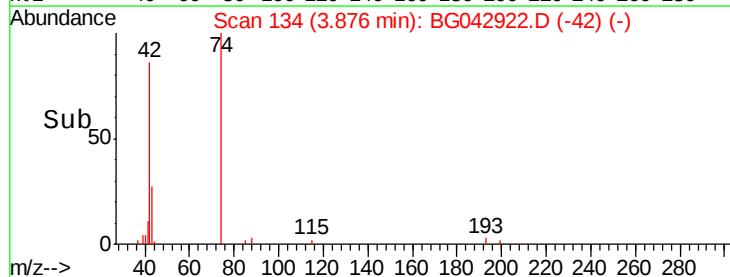
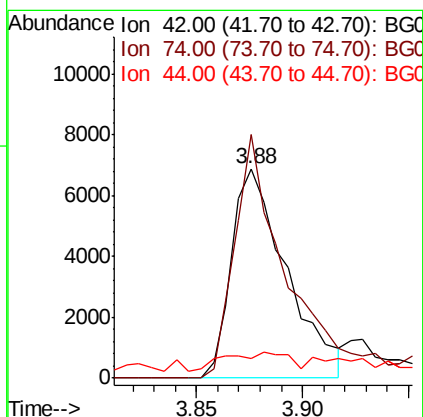
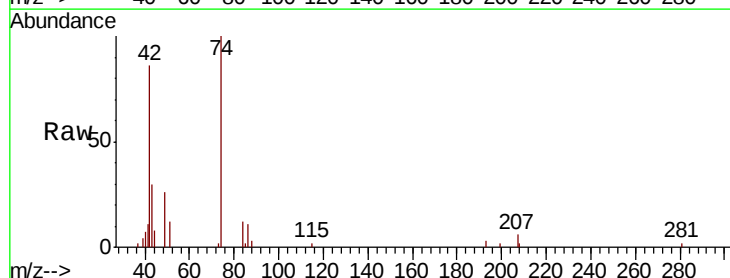
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 79 Resp: 28911
 Ion Ratio Lower Upper
 79 100
 52 91.3 73.0 109.4
 51 47.1 35.1 52.7



#4
 n-Nitrosodimethylamine
 Concen: 8.477 ng
 RT: 3.88 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion: 42 Resp: 12395
 Ion Ratio Lower Upper
 42 100
 74 116.4 80.5 120.7
 44 9.3 6.9 10.3





#5

2-Fluorophenol

Concen: 18.848 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

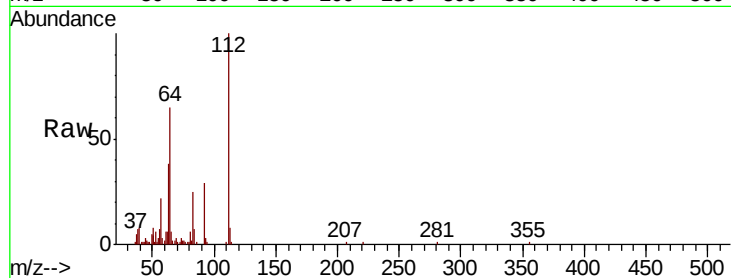
Tot Ion: 112 Resp: 49151

Ion Ratio Lower Upper

112 100

64 65.2 56.6 84.8

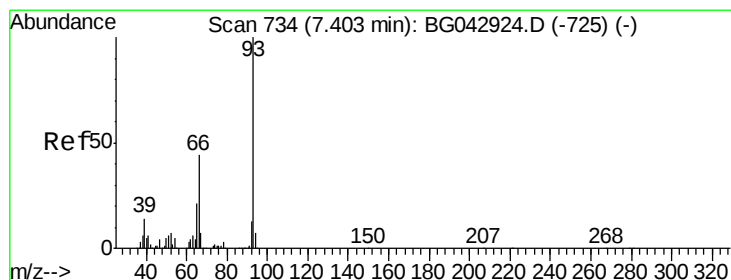
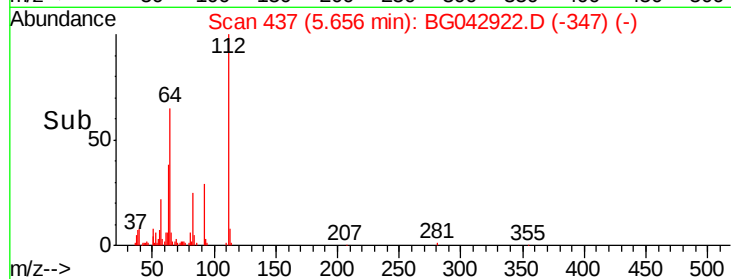
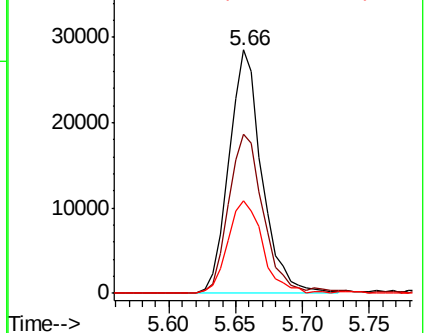
63 37.9 35.1 52.7



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: 9.413 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

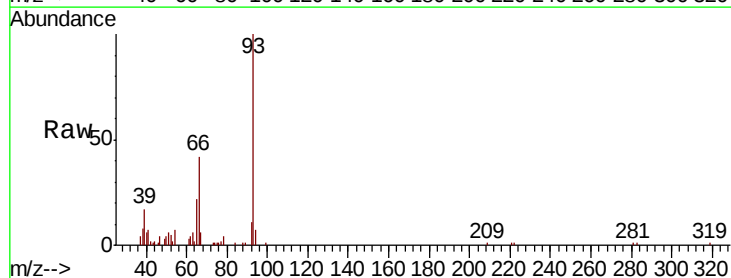
Tgt Ion: 93 Resp: 43213

Ion Ratio Lower Upper

93 100

66 42.0 35.0 52.6

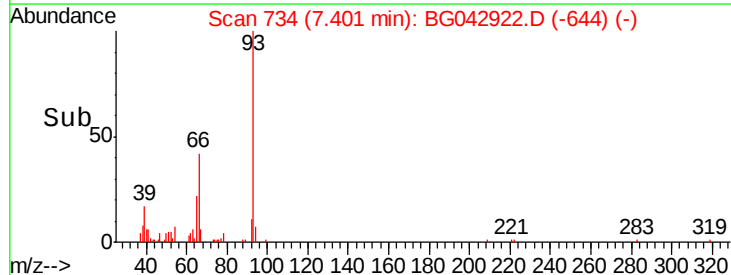
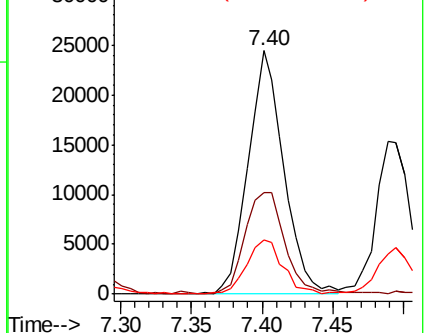
65 22.1 17.4 26.0

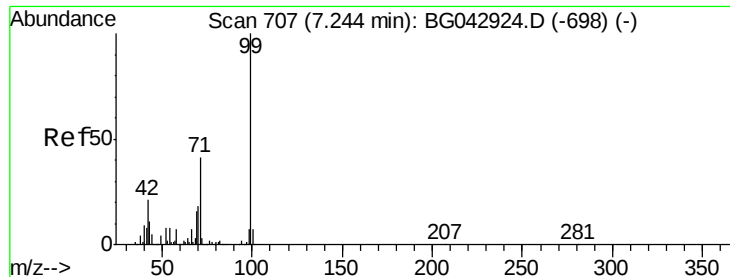


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 19.009 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampled :

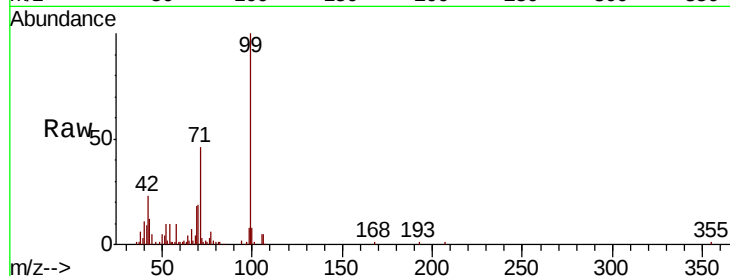
Tot Ion: 99 Resp: 71561

Ion Ratio Lower Upper

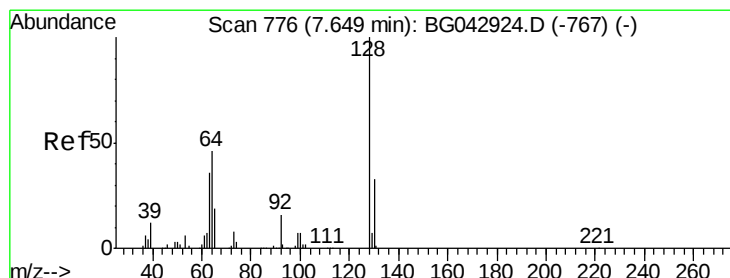
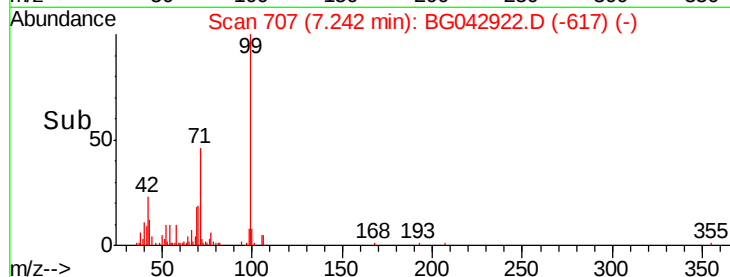
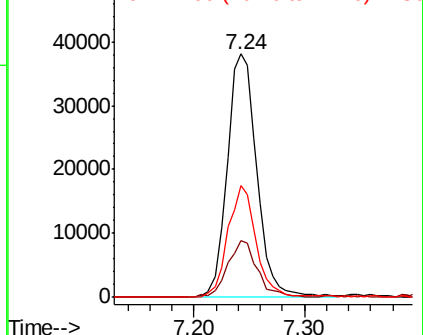
99 100

42 23.1 17.2 25.8

71 45.9 33.1 49.7



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



#8

2-Chlorophenol

Concen: 9.940 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

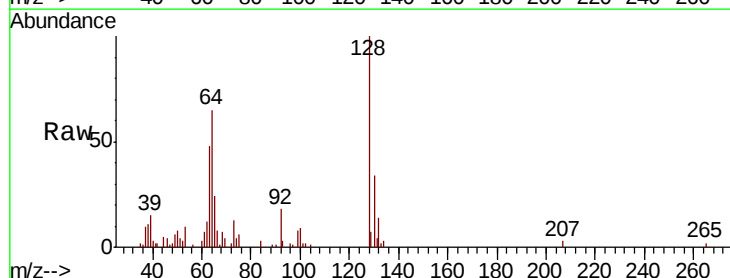
Tgt Ion: 128 Resp: 26543

Ion Ratio Lower Upper

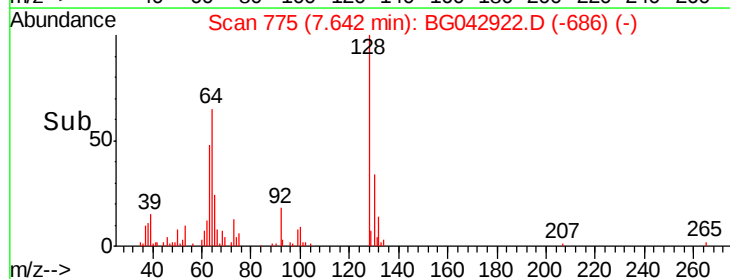
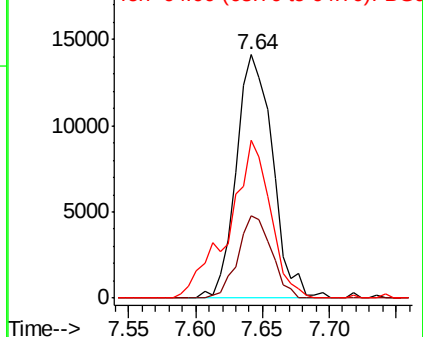
128 100

130 33.9 12.5 52.5

64 65.1 32.8 72.8



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: 10.603 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

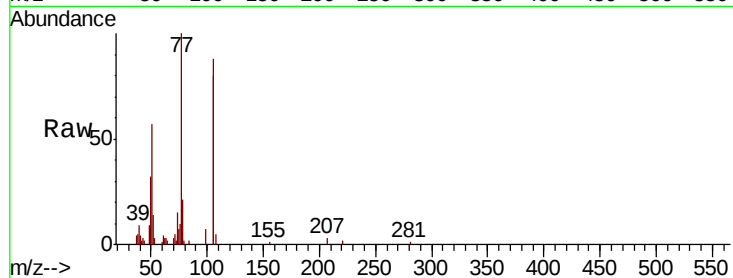
Tot Ion: 77 Resp: 24847

Ion Ratio Lower Upper

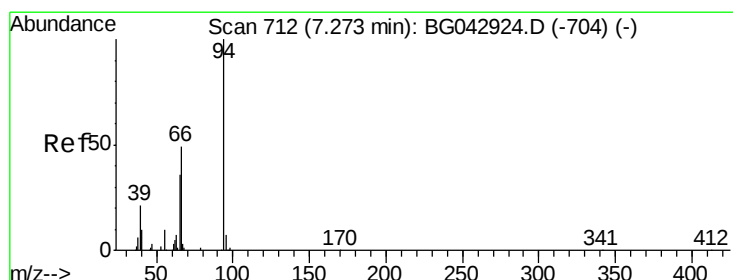
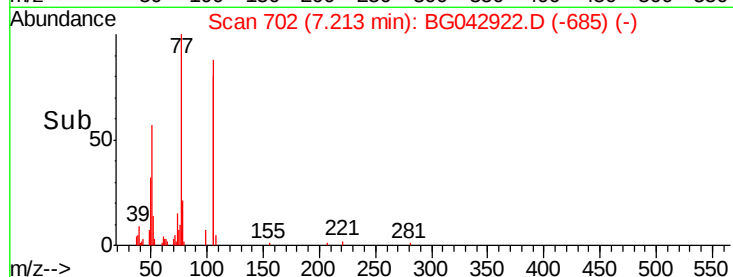
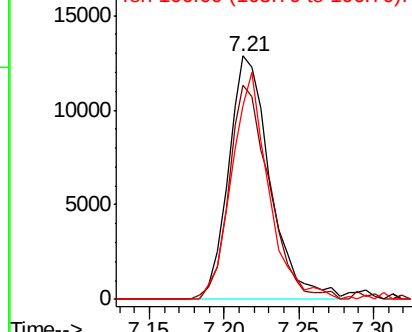
77 100

105 88.1 64.6 104.6

106 79.6 59.4 99.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 9.245 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

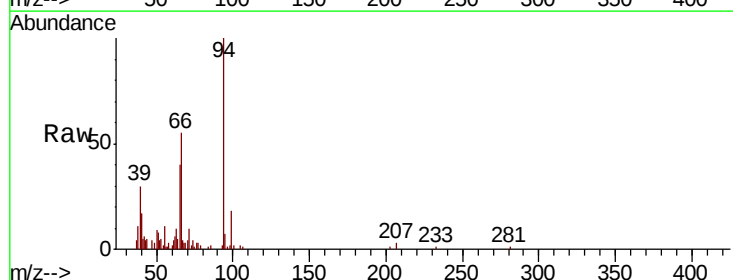
Tgt Ion: 94 Resp: 32441

Ion Ratio Lower Upper

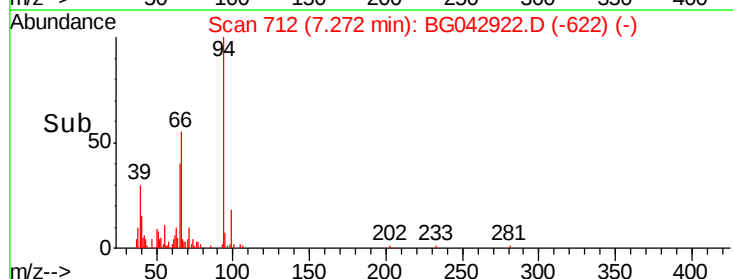
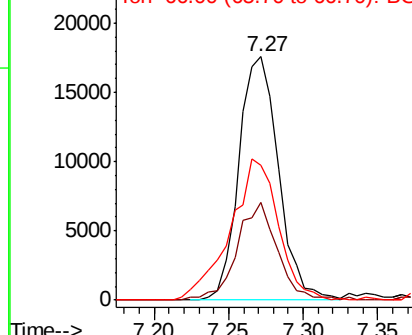
94 100

65 40.1 16.6 56.6

66 55.3 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

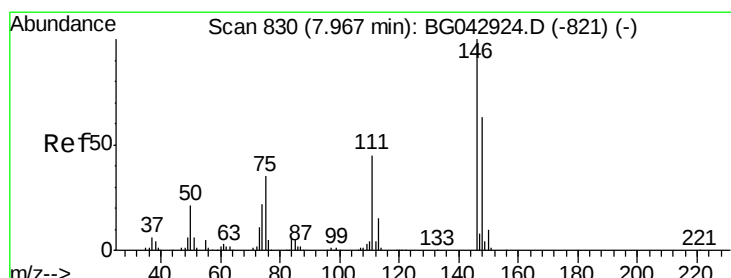
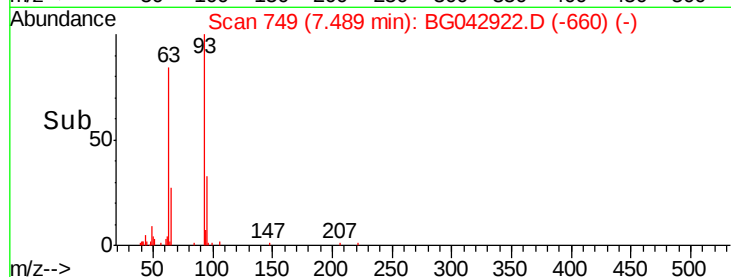
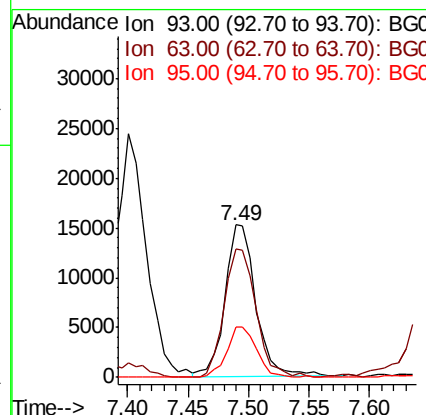
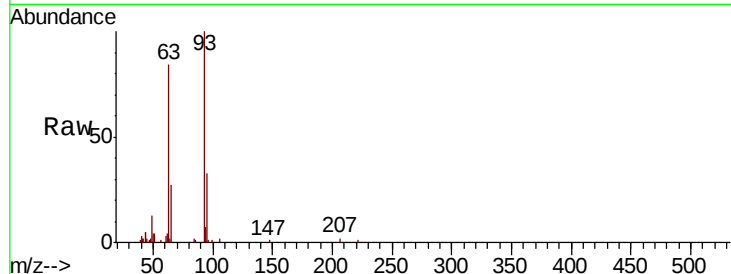




#11
bis(2-Chloroethyl)ether
Concen: 9.687 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

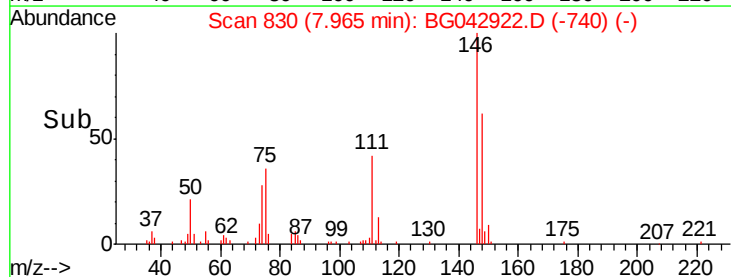
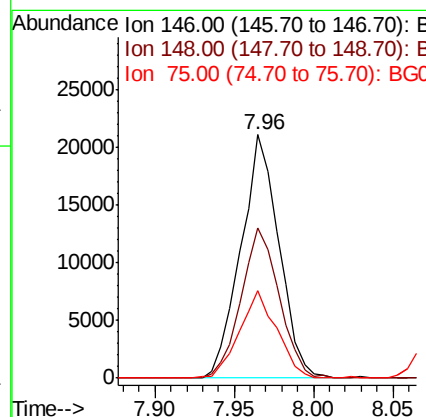
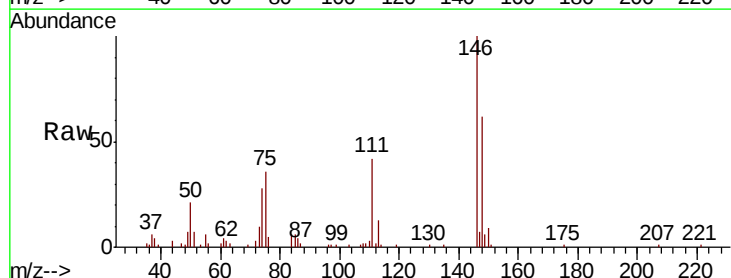
Instrument :
BNA_G
ClientSampled :

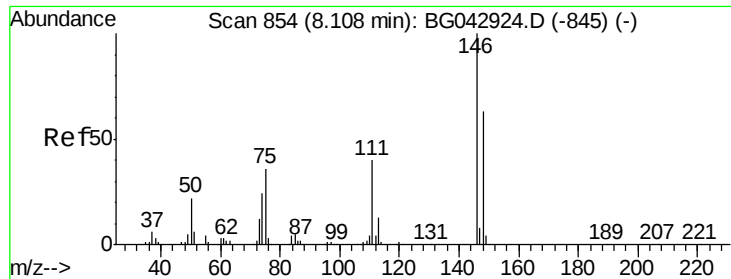
Tot Ion: 93 Resp: 26500
Ion Ratio Lower Upper
93 100
63 84.2 67.4 107.4
95 33.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 10.462 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Tgt Ion: 146 Resp: 35261
Ion Ratio Lower Upper
146 100
148 61.6 50.7 76.1
75 36.0 27.7 41.5

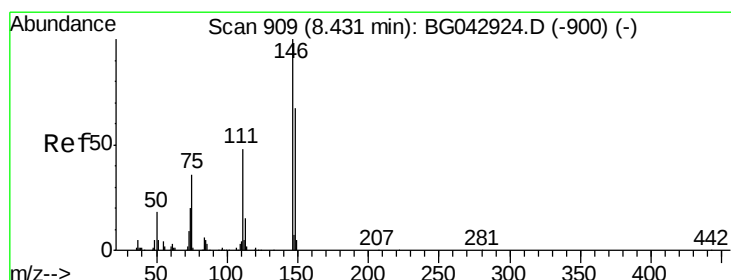
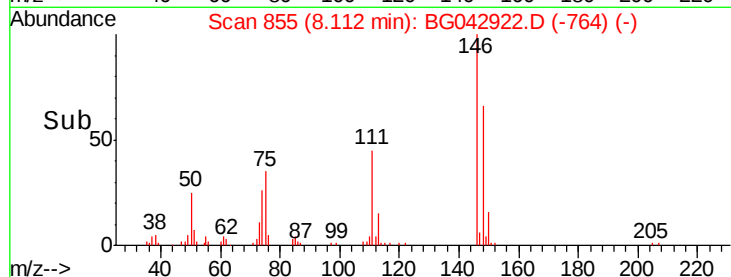
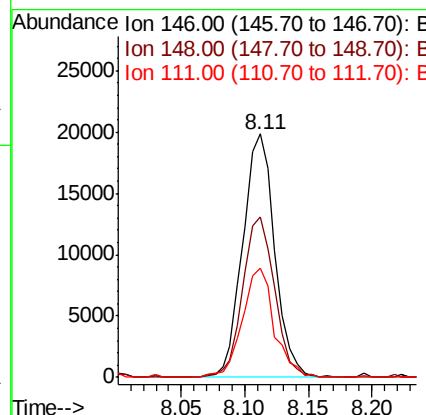
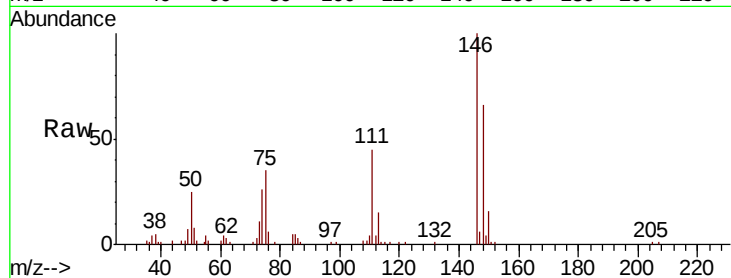




#13
 1,4-Dichlorobenzene
 Concen: 10.248 ng
 RT: 8.11 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

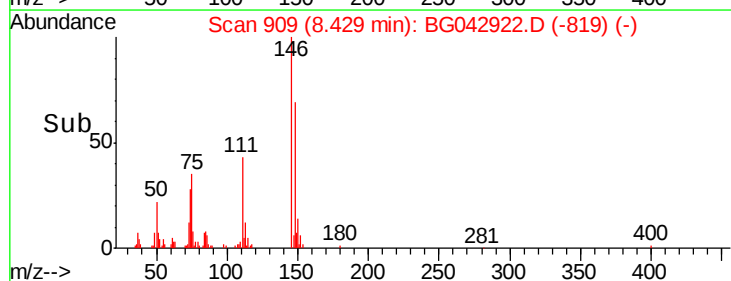
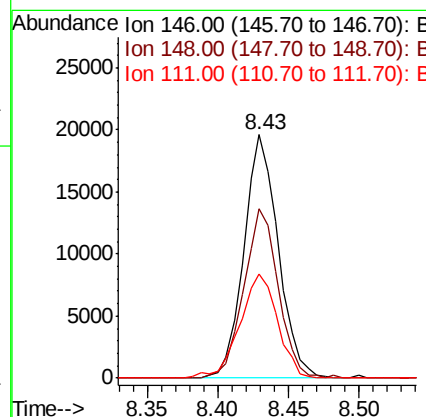
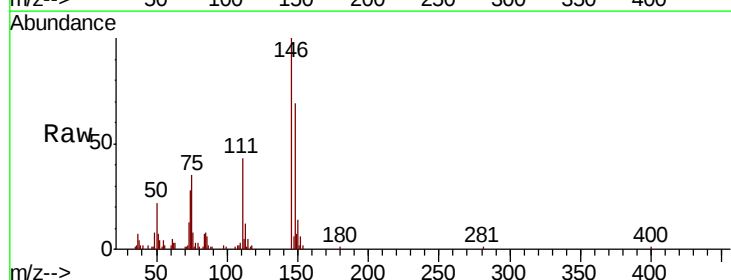
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 34725
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.9 76.3
 111 45.0 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 10.361 ng
 RT: 8.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion:146 Resp: 33325
 Ion Ratio Lower Upper
 146 100
 148 69.3 53.4 80.2
 111 42.8 38.5 57.7





#15

Benzyl Alcohol

Concen: 8.901 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampled :

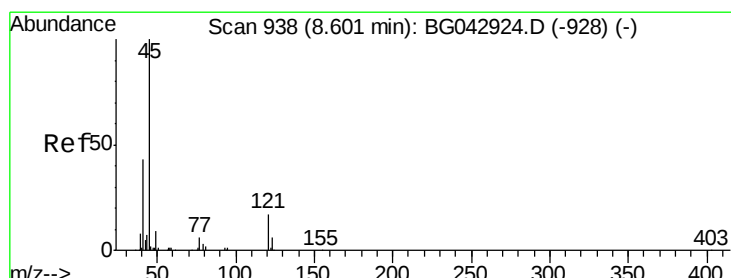
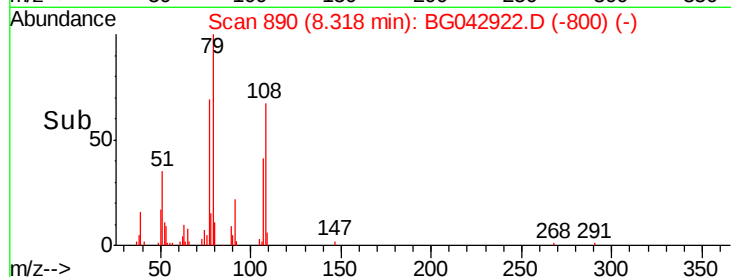
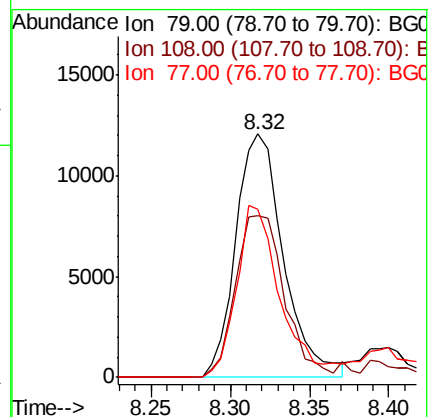
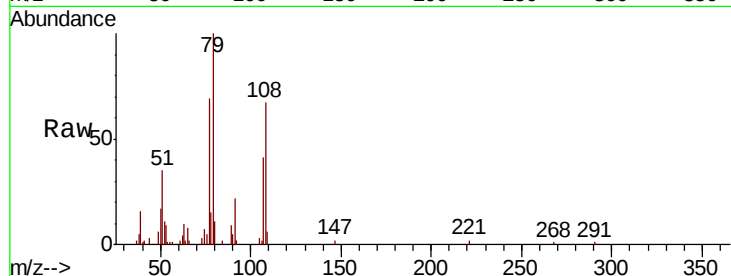
Tot Ion: 79 Resp: 25196

Ion Ratio Lower Upper

79 100

108 66.6 55.7 83.5

77 69.3 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.163 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

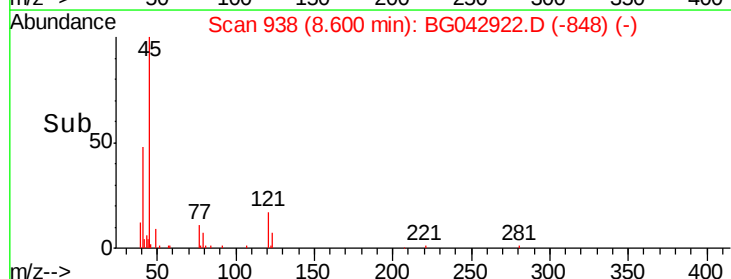
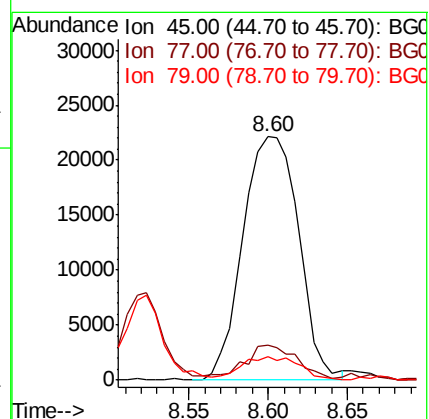
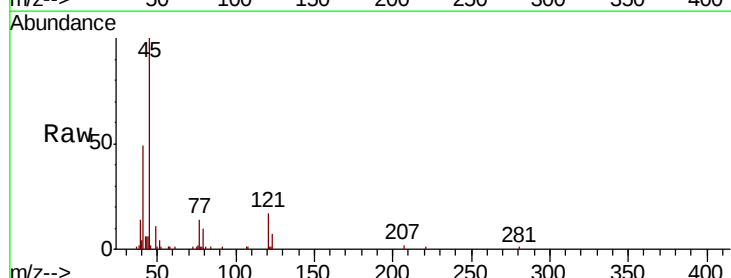
Tgt Ion: 45 Resp: 54024

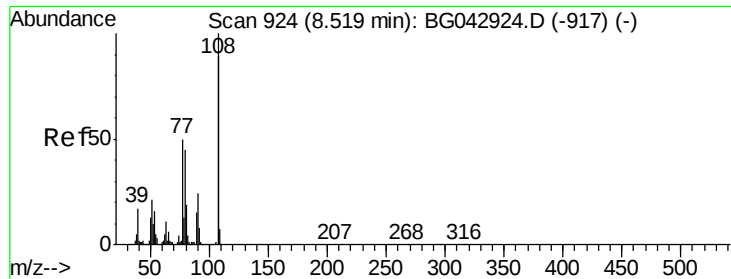
Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.8

79 9.5 0.0 29.4





#17

2-Methylphenol

Concen: 9.661 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 23415

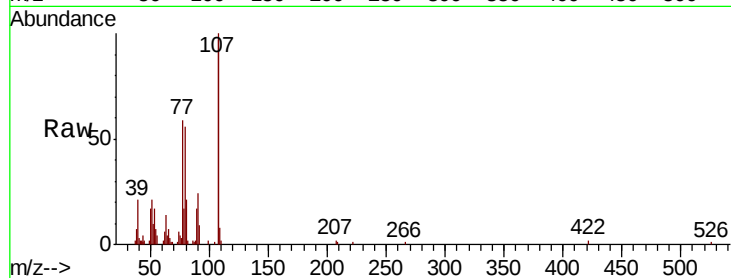
Ion Ratio Lower Upper

107 100

108 97.1 89.9 134.9

77 59.0 45.4 68.2

79 56.1 41.4 62.0

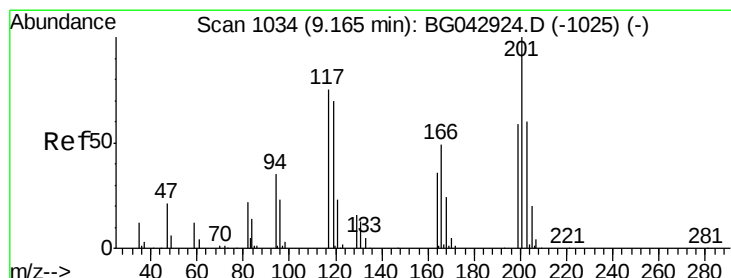
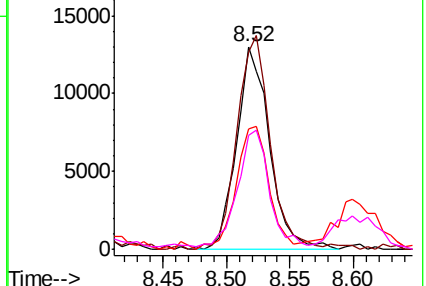
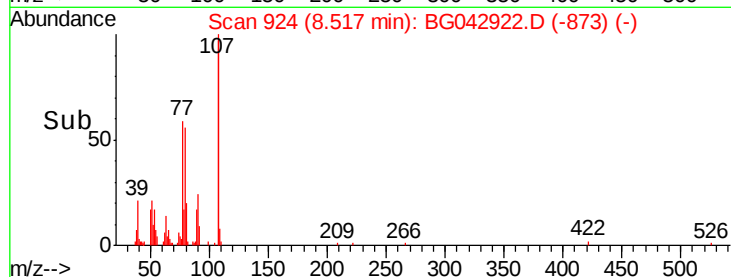


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 11.248 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

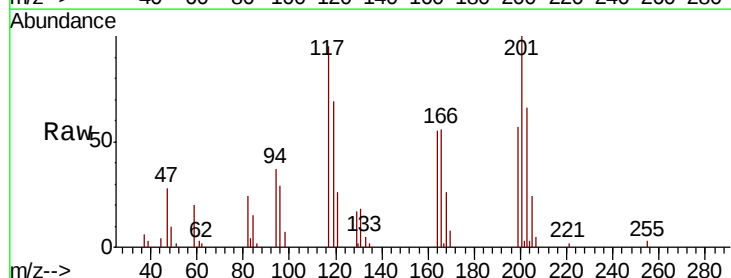
Tgt Ion:117 Resp: 13966

Ion Ratio Lower Upper

117 100

119 72.2 74.6 111.8#

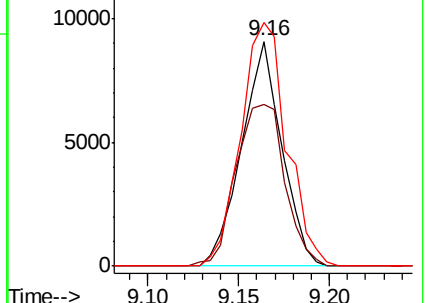
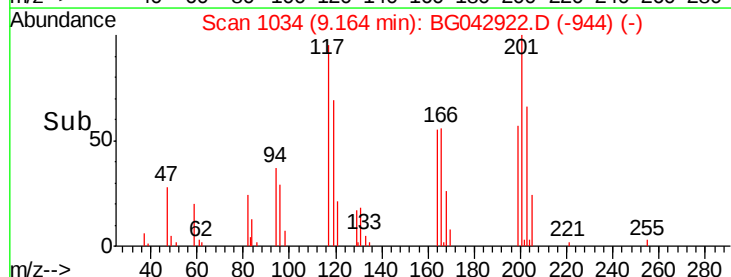
201 108.4 106.0 159.0

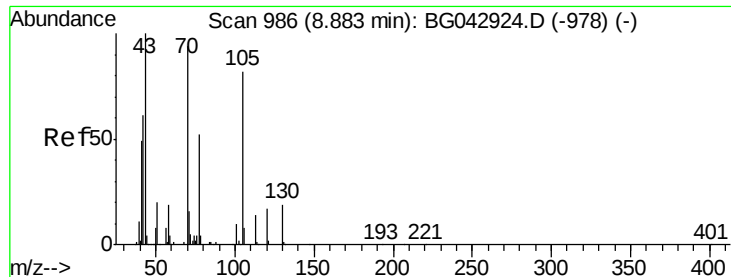


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

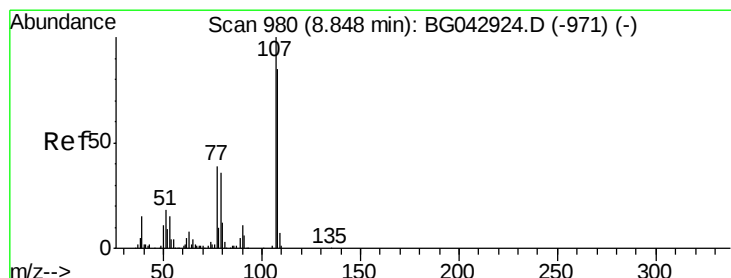
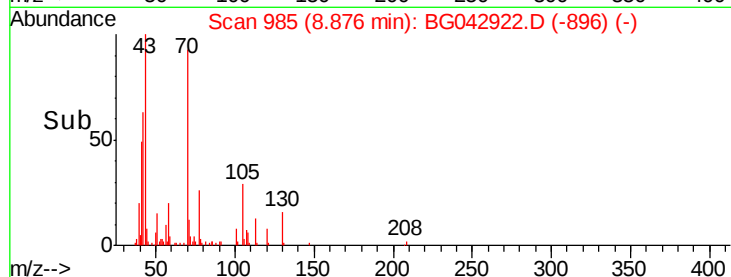
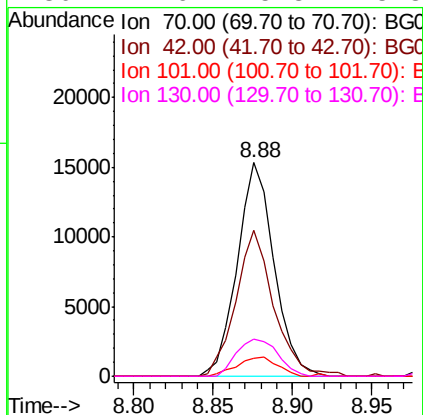
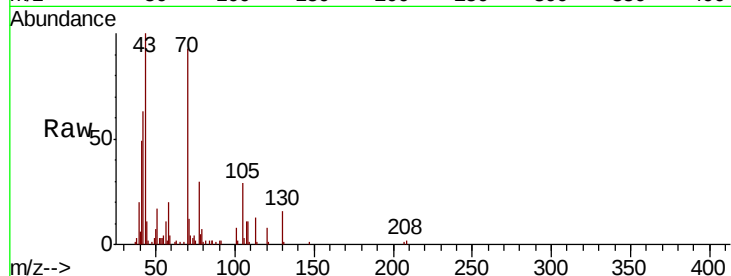




#19
n-Nitroso-di-n-propylamine
Concen: 9.808 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

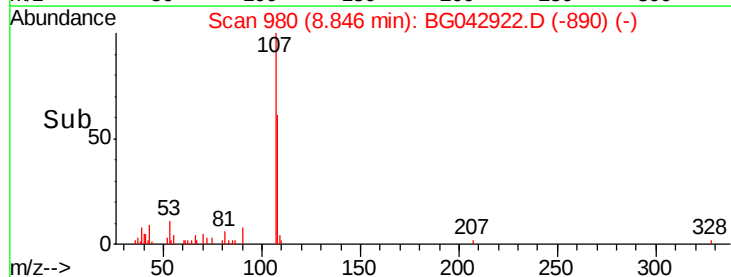
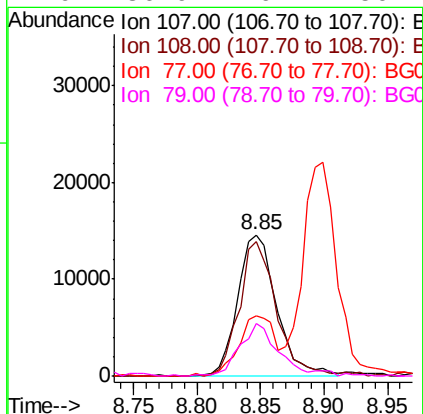
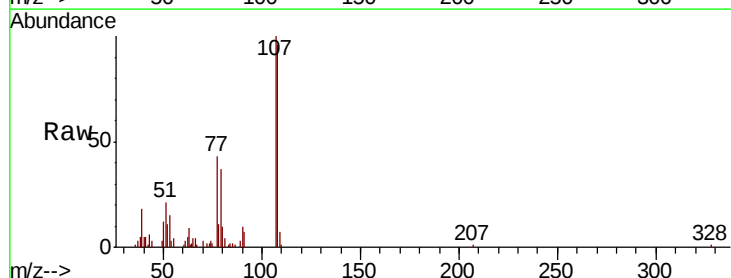
Instrument :
BNA_G
ClientSampleId :

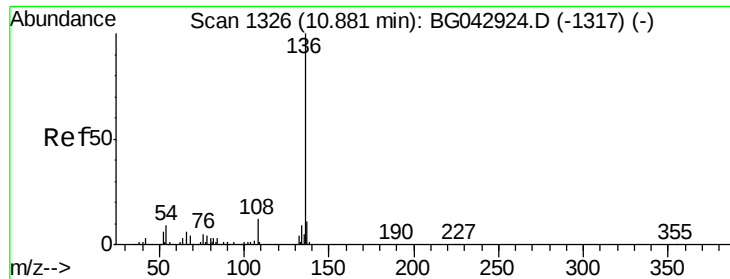
Tot Ion:	70	Resp:	24626
Ion	Ratio	Lower	Upper
70	100		
42	68.6	52.6	79.0
101	8.2	8.7	13.1#
130	17.6	15.8	23.8



#20
3+4-Methylphenols
Concen: 9.321 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Tgt Ion:	107	Resp:	31020
Ion	Ratio	Lower	Upper
107	100		
108	95.7	64.9	104.9
77	42.6	19.4	59.4
79	36.9	16.2	56.2

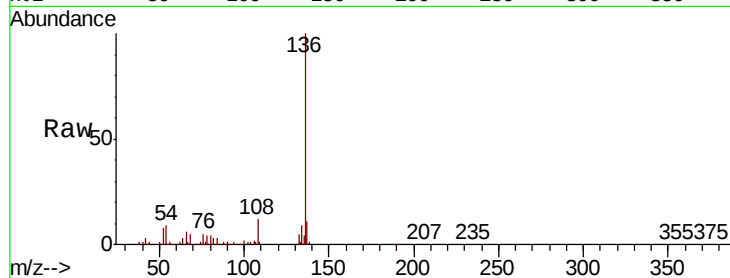




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	183781
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	9.0	7.4 11.2
68	4.8	3.6 5.4



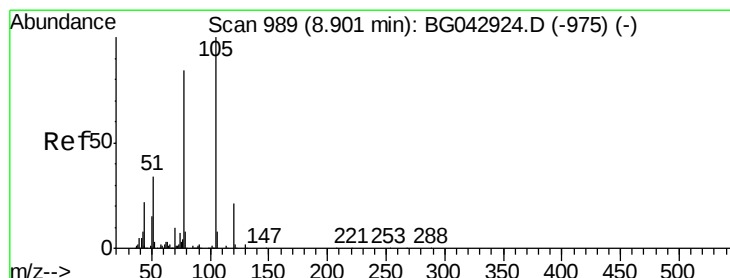
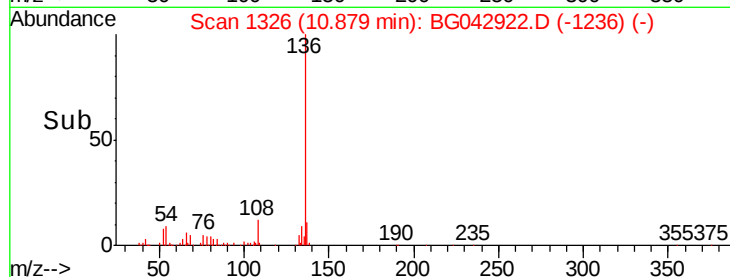
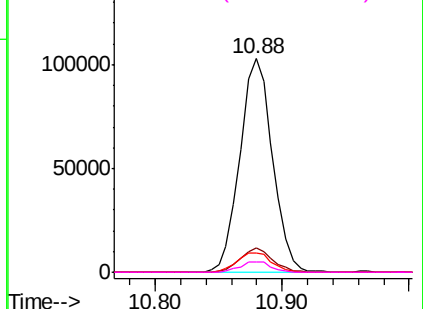
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

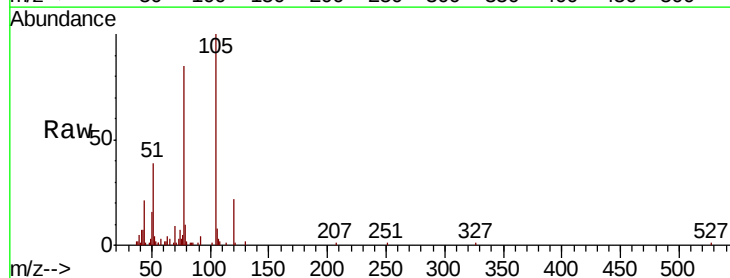
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 9.731 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Tgt Ion:105	Resp:	46657
Ion Ratio	Lower	Upper
105	100	
71	1.0	1.2 1.8#
51	39.3	27.2 40.8
120	22.4	16.9 25.3



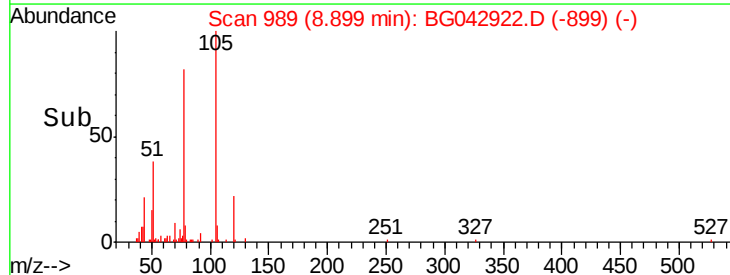
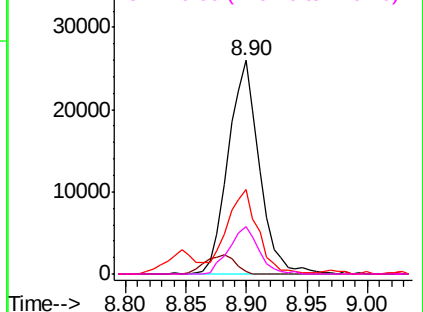
Abundance

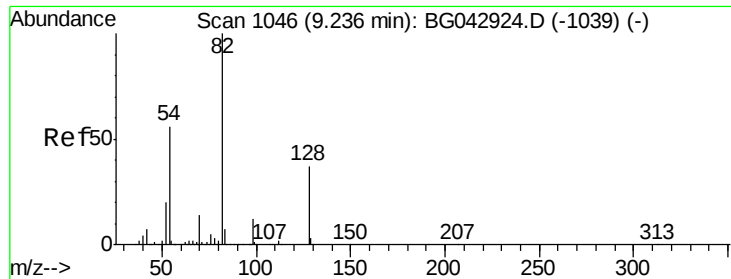
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

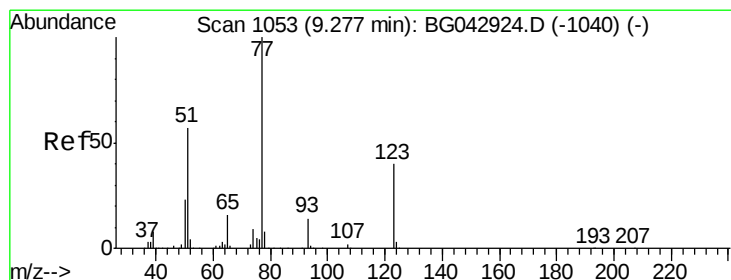
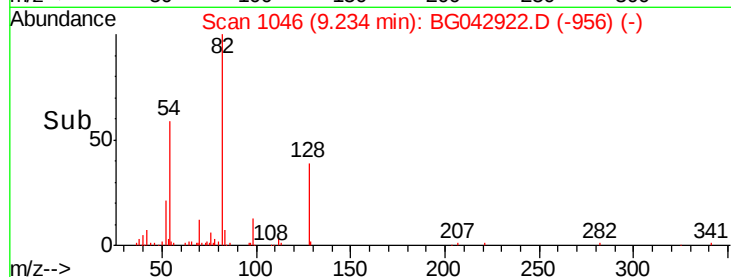
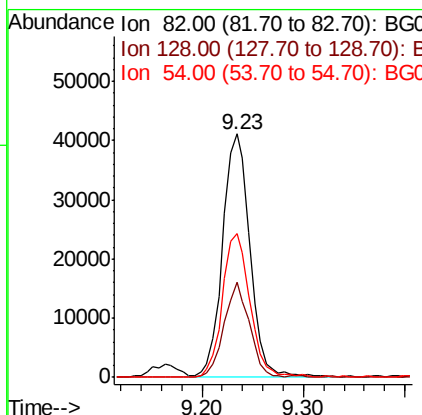
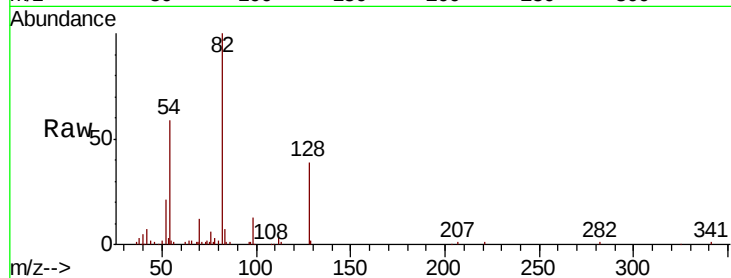




#23
 Nitrobenzene-d5
 Concen: 20.415 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

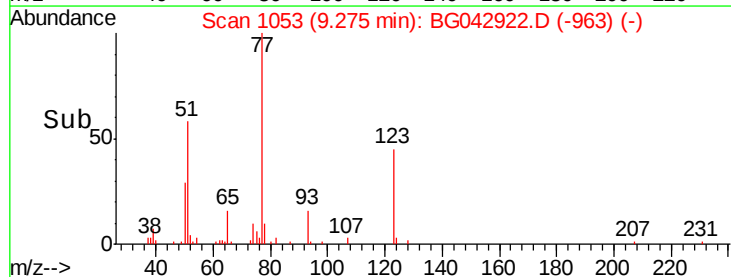
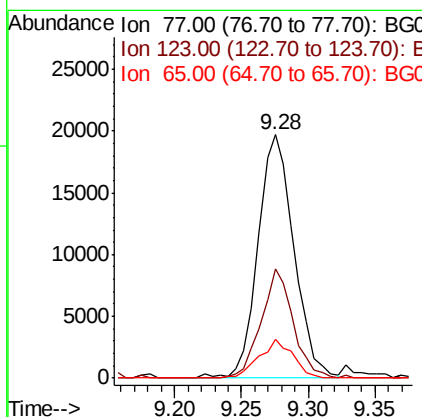
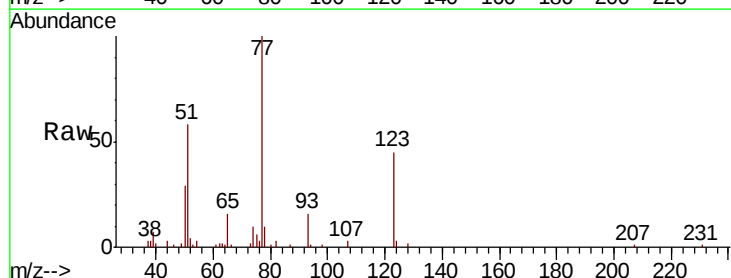
Instrument :
 BNA_G
 ClientSampled :

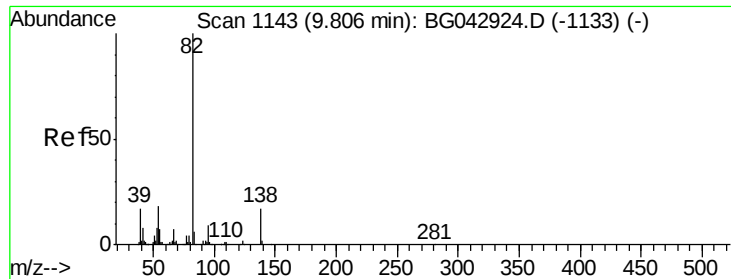
Tot Ion	82	Resp	76911
Ion Ratio	Lower	Upper	
82	100		
128	38.9	29.5	44.3
54	58.8	44.6	67.0



#24
 Nitrobenzene
 Concen: 10.047 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion	77	Resp	36669
Ion Ratio	Lower	Upper	
77	100		
123	44.8	31.9	47.9
65	15.8	12.4	18.6

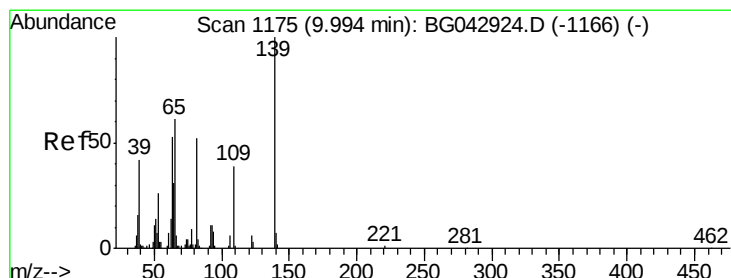
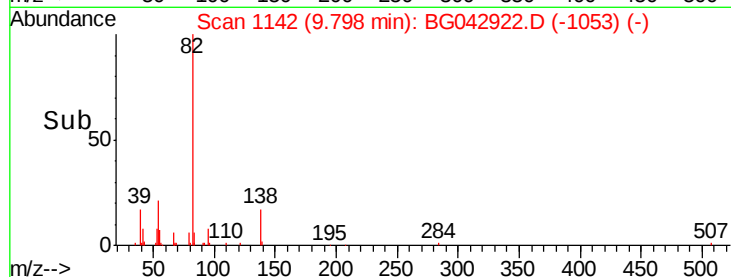
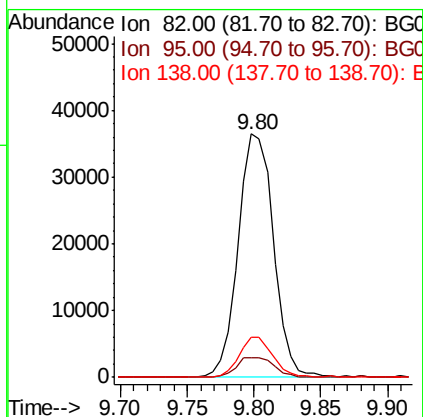
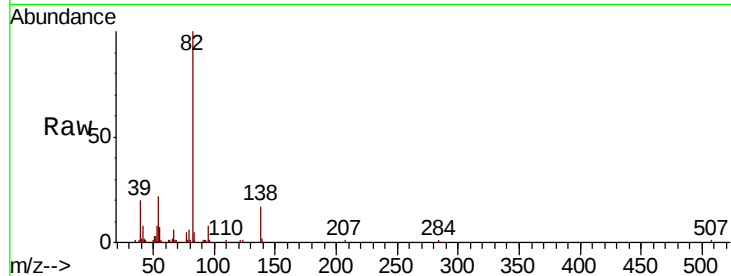




#25
Isophorone
Concen: 9.902 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

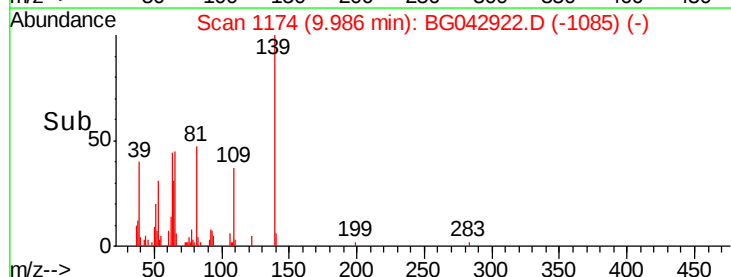
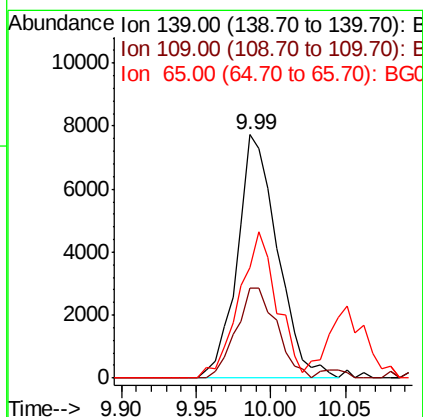
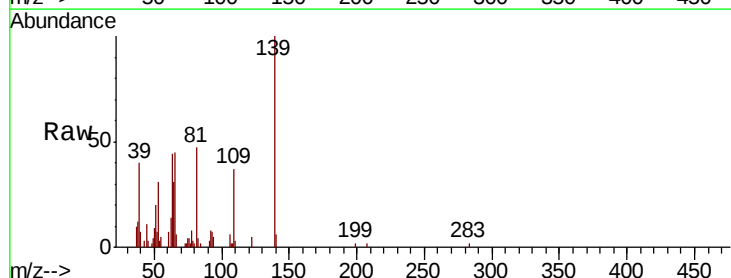
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 66650
Ion Ratio Lower Upper
82 100
95 8.2 7.0 10.4
138 16.7 13.8 20.6



#26
2-Nitrophenol
Concen: 9.553 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Tgt Ion: 139 Resp: 14374
Ion Ratio Lower Upper
139 100
109 37.0 31.0 46.6
65 45.5 48.4 72.6#

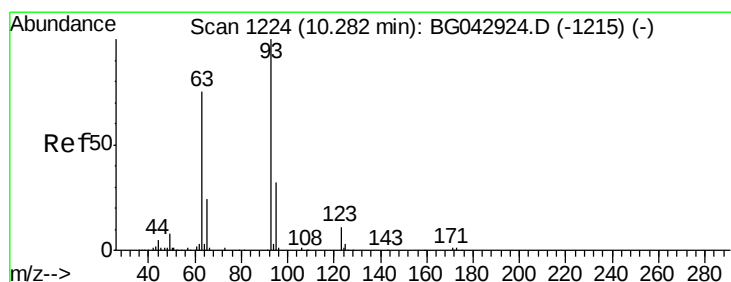
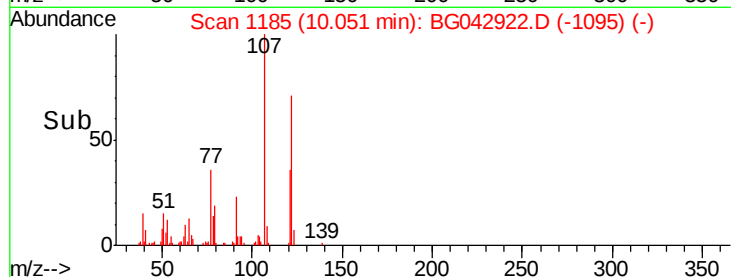
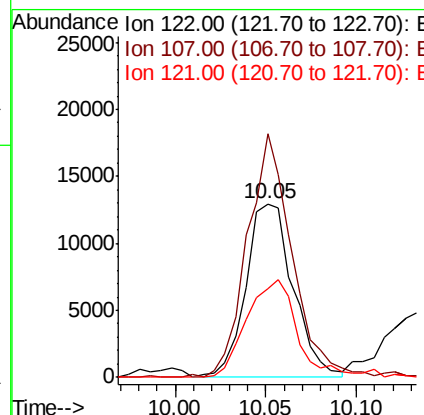
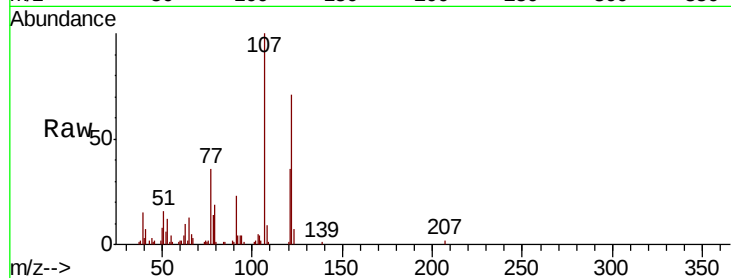




#27
2,4-Dimethylphenol
Concen: 9.984 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

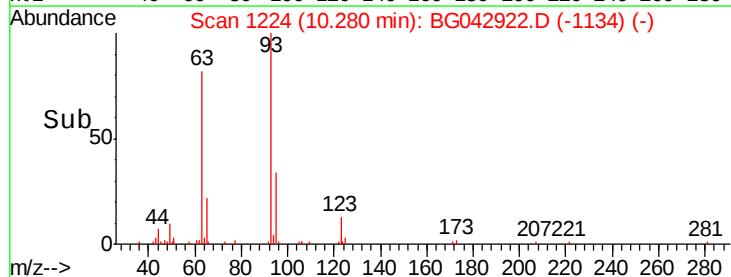
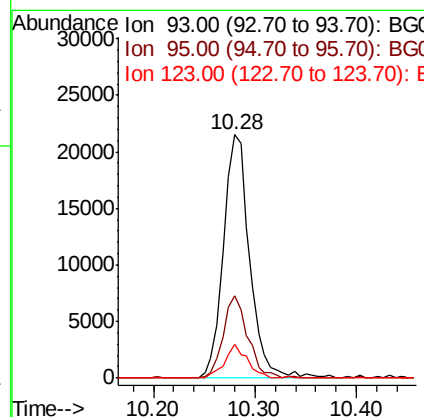
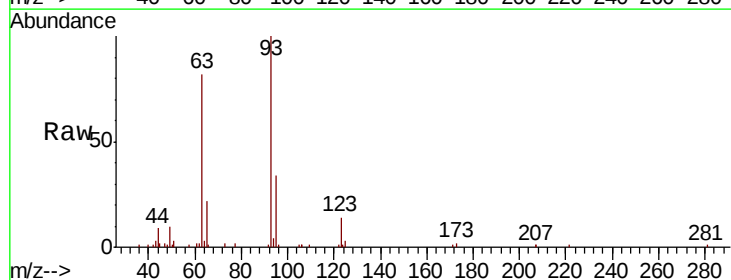
Instrument :
BNA_G
ClientSampled :

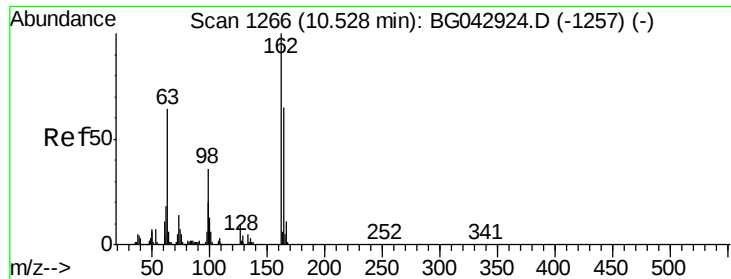
Tot Ion	Ratio	Lower	Upper
122	100		
107	140.3	102.2	153.2
121	50.9	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 9.992 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.4	38.0
123	13.7	9.3	13.9

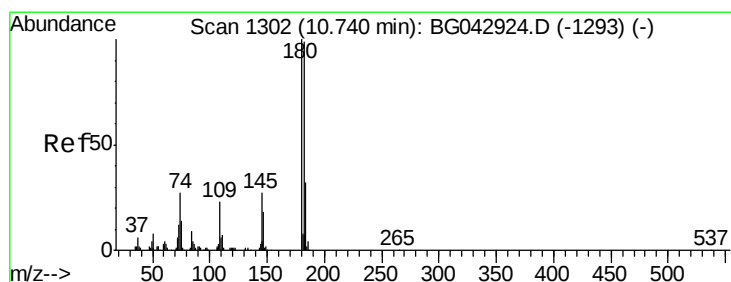
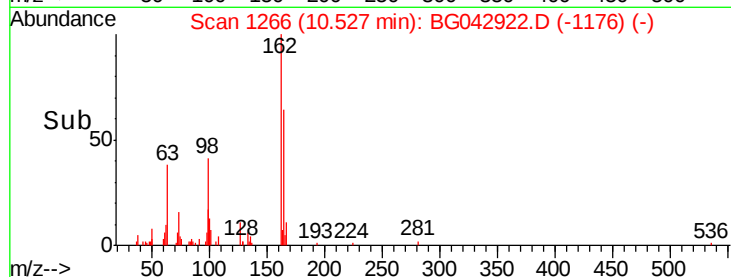
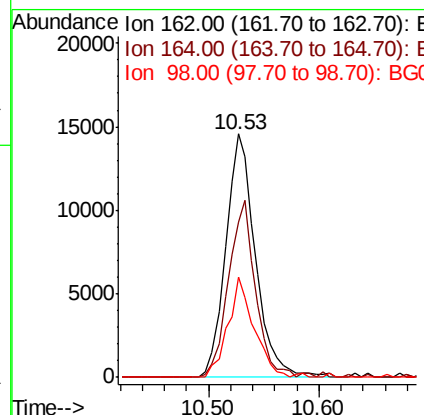
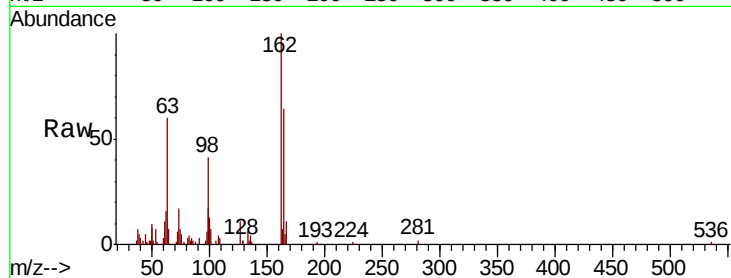




#29
 2,4-Dichlorophenol
 Concen: 9.532 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

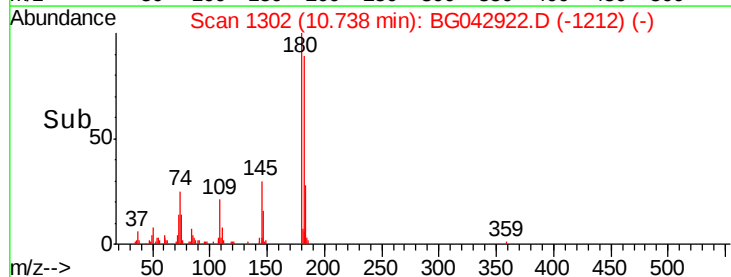
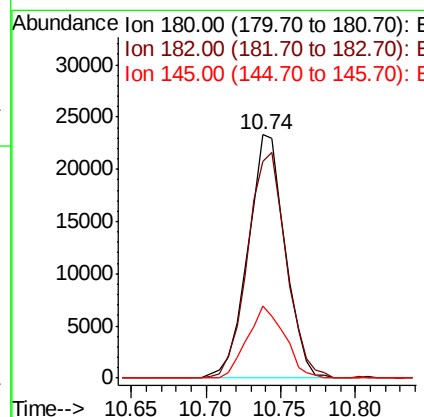
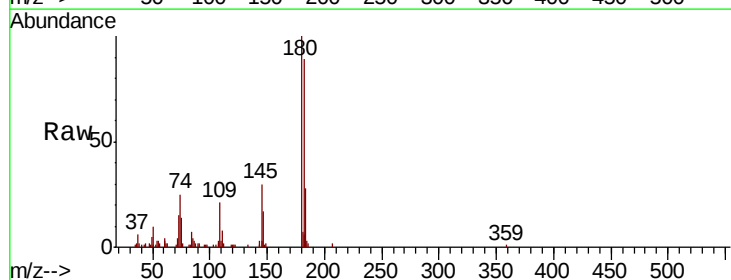
Instrument :
 BNA_G
 ClientSampleId :

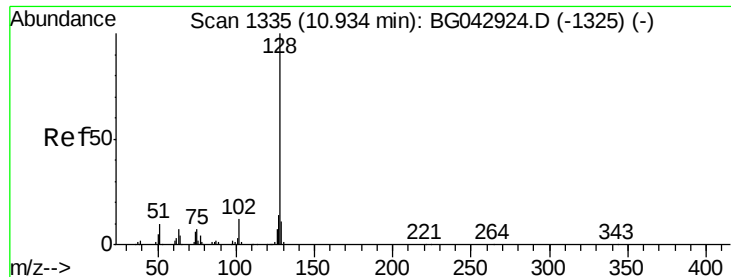
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.7	84.7
98	41.0	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 10.929 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.2	79.3	118.9
145	29.7	22.0	33.0

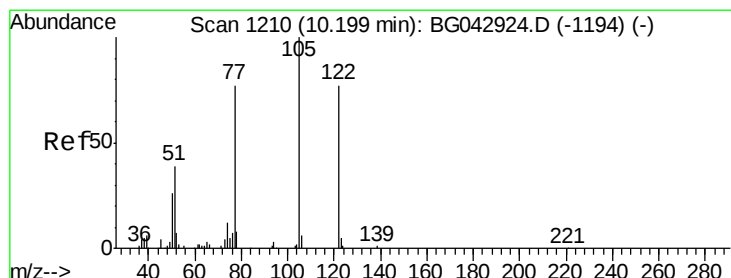
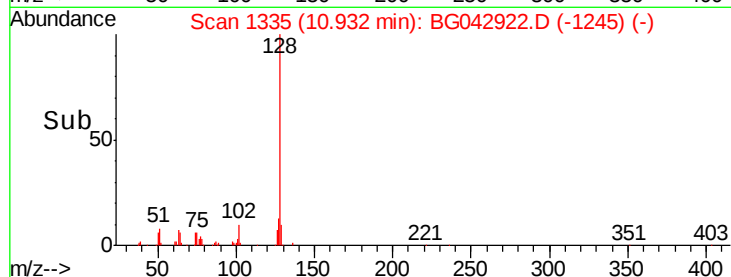
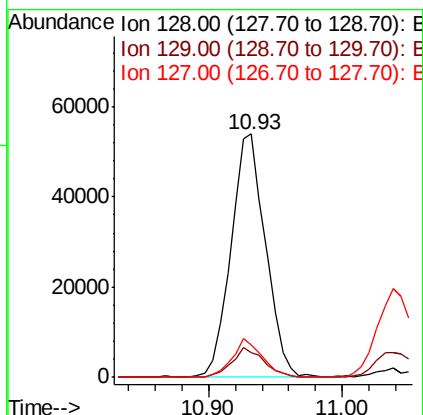
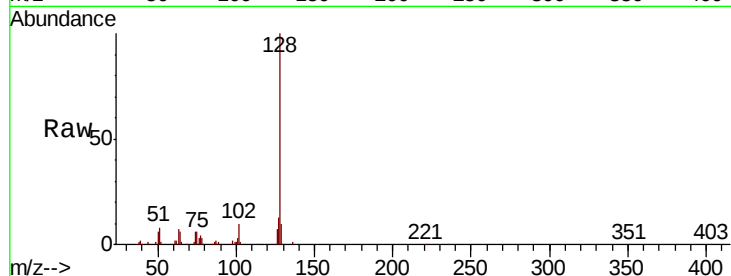




#31
Naphthalene
Concen: 10.816 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

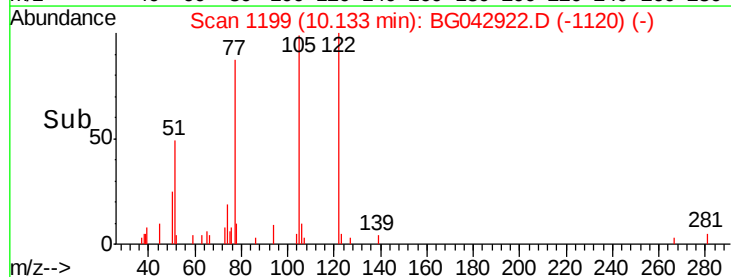
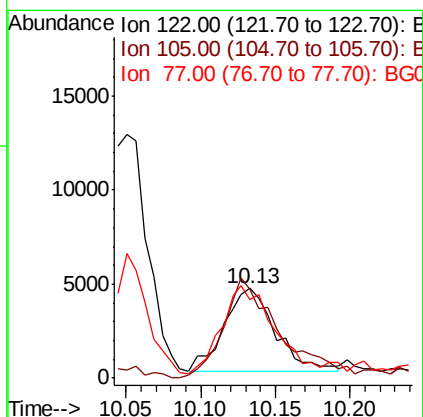
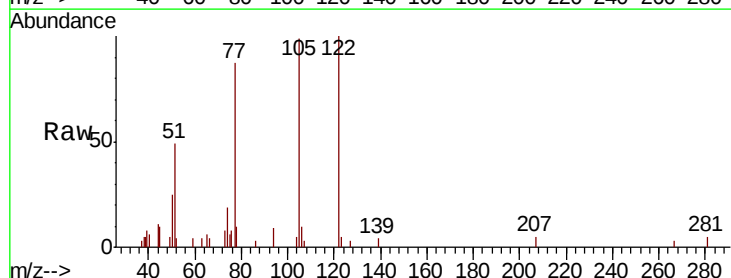
Instrument :
BNA_G
ClientSampleId :

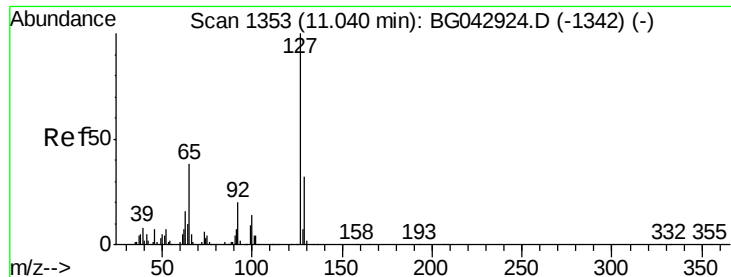
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	13.4	11.3	16.9



#32
Benzoic acid
Concen: 5.761 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.07 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	99.3	107.5	147.5#
77	87.0	79.8	119.8

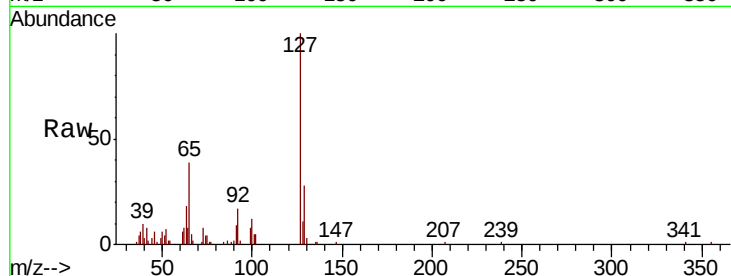




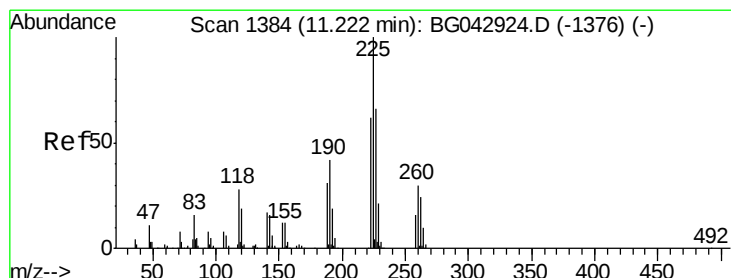
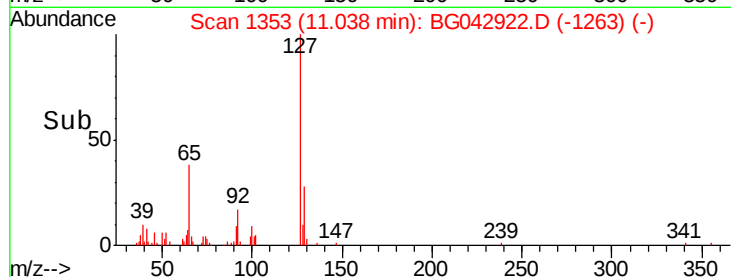
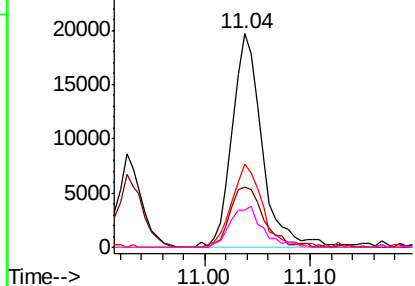
#33
4-Chloroaniline
Concen: 9.593 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	38376	
Ion Ratio	Lower	Upper	
127 100			
129 28.1	26.2	39.2	
65 38.8	30.6	45.8	
92 17.2	16.2	24.4	

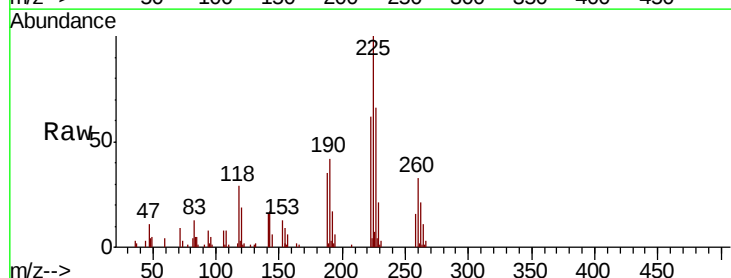


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

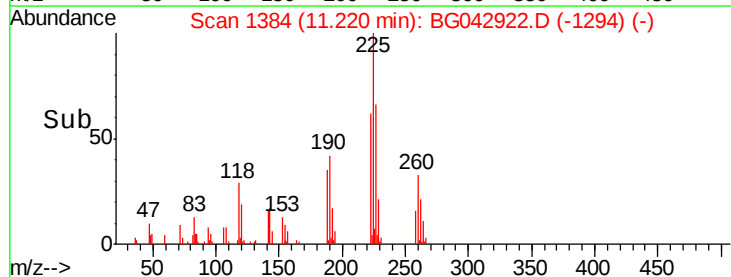
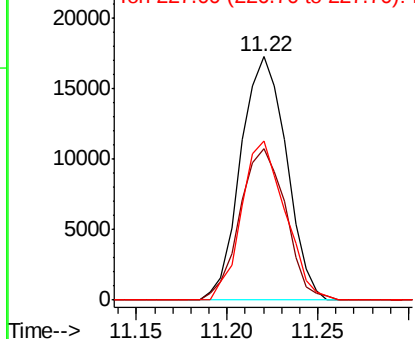


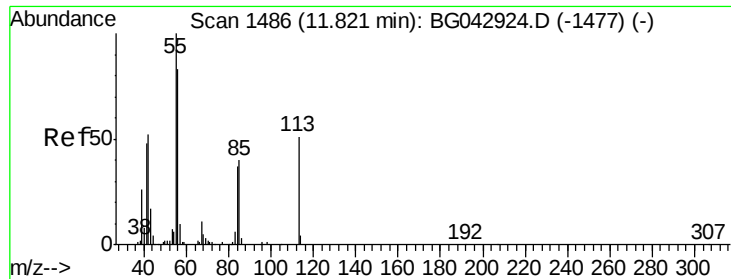
#34
Hexachlorobutadiene
Concen: 11.478 ng
RT: 11.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Tgt	Ion:225	Resp:	30323
Ion	Ratio	Lower	Upper
225	100		
223	65.7	49.3	73.9
227	69.3	52.8	79.2



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





#35

Caprolactam

Concen: 9.606 ng

RT: 11.80 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

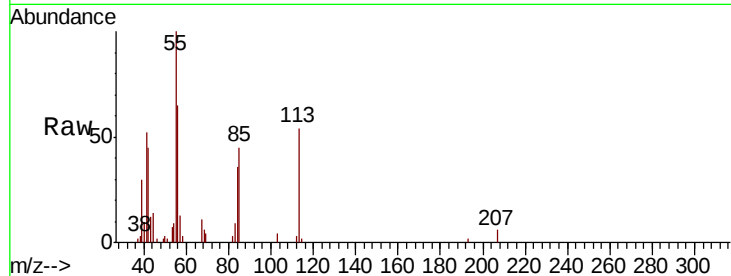
Tot Ion:113 Resp: 9921

Ion Ratio Lower Upper

113 100

55 185.4 175.5 215.5

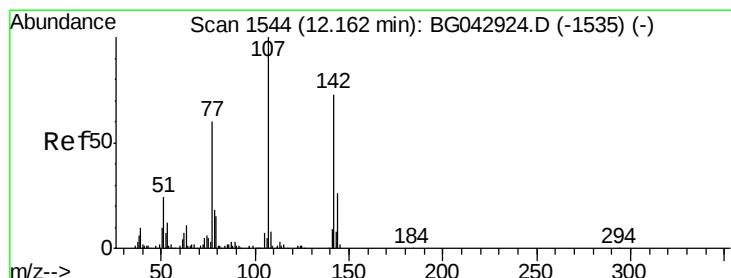
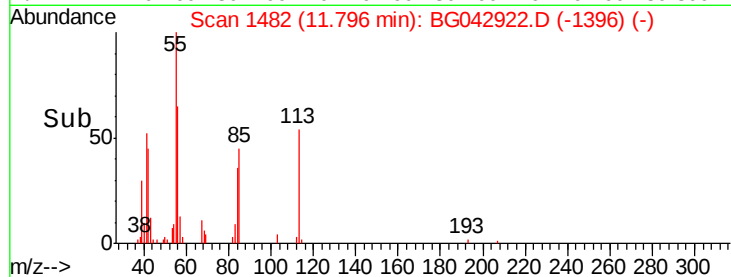
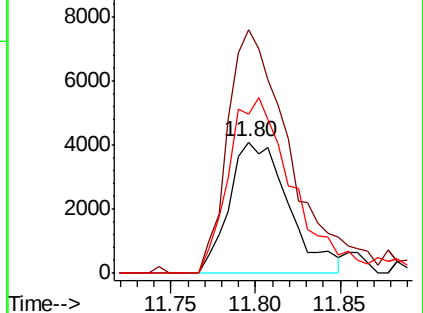
56 120.9 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 9.866 ng

RT: 12.16 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

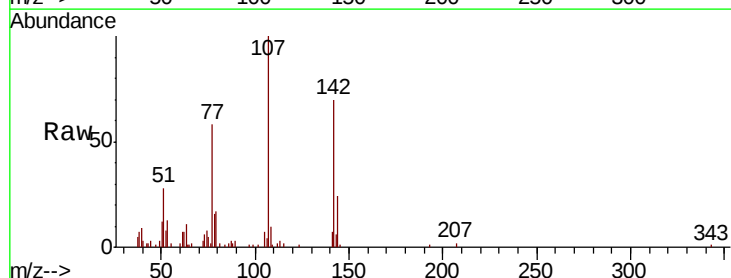
Tgt Ion:107 Resp: 31282

Ion Ratio Lower Upper

107 100

144 23.7 20.7 31.1

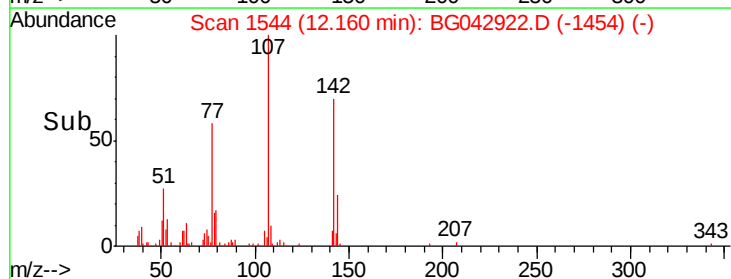
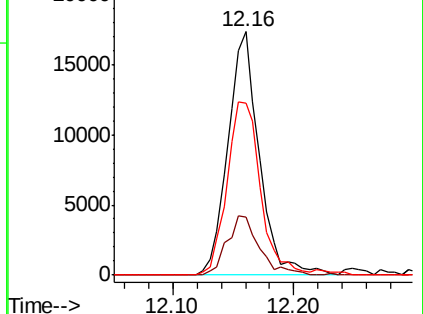
142 70.4 58.6 87.8

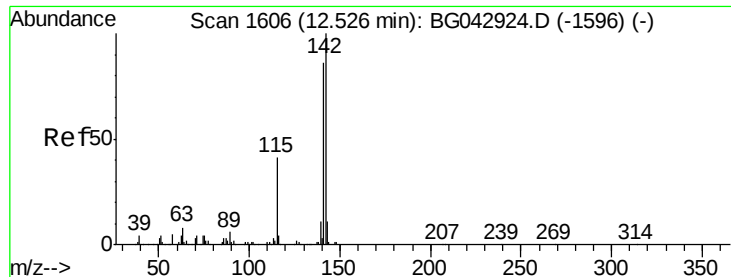


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

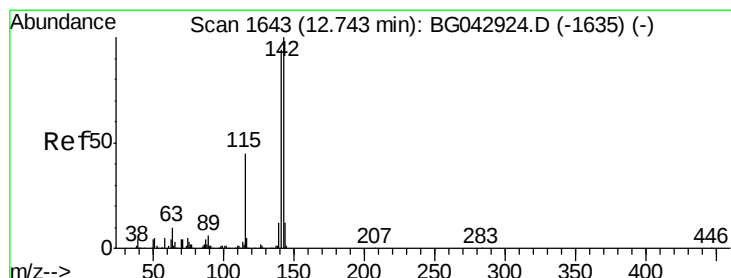
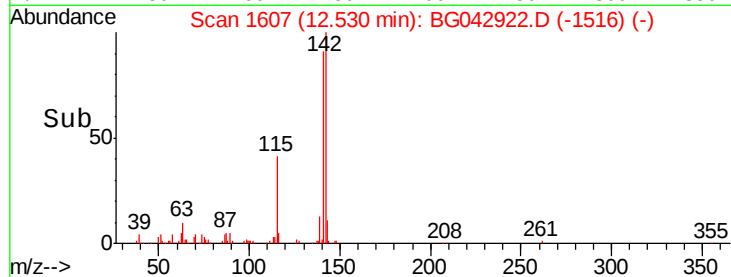
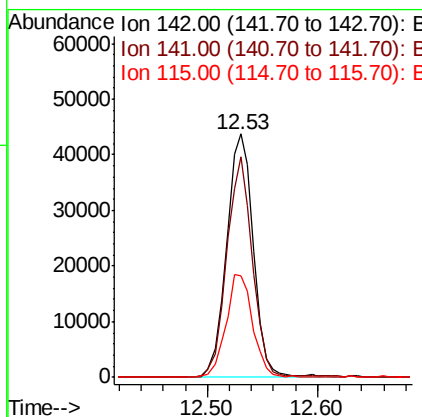
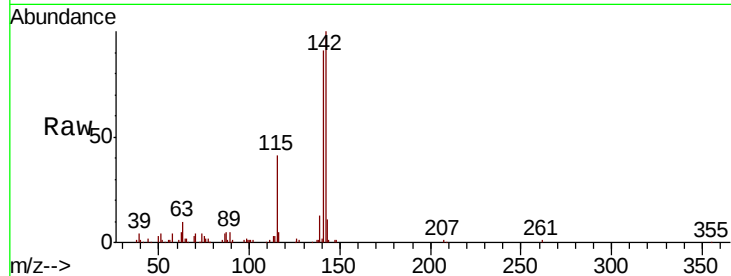




#37
 2-Methylnaphthalene
 Concen: 10.824 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

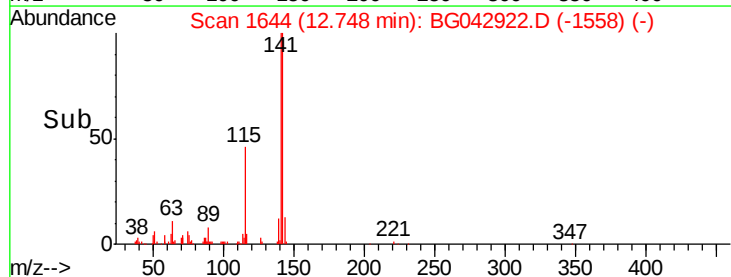
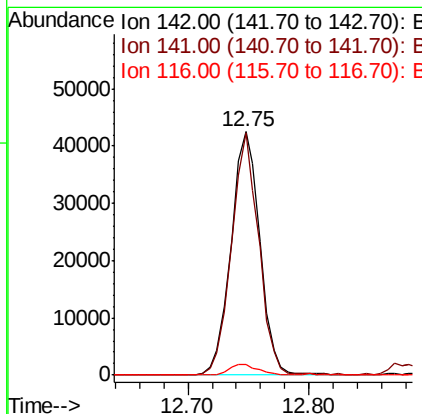
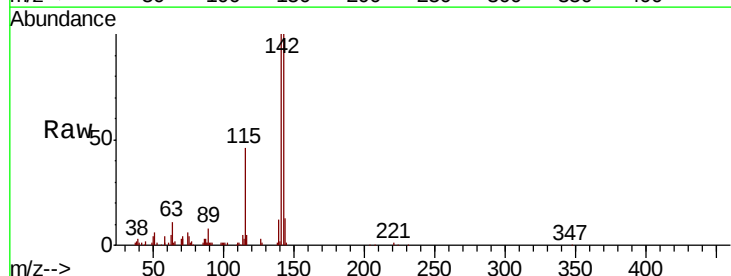
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	69.0	103.4
115	41.5	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 10.943 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.7	74.9	112.3
116	4.6	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

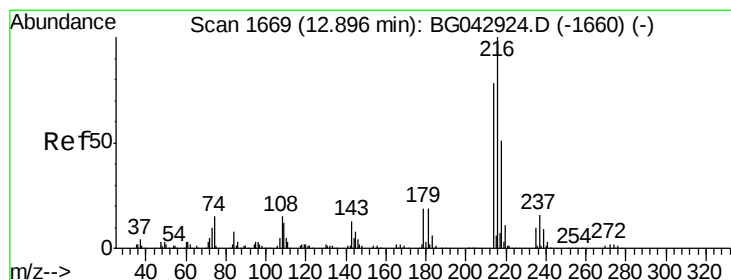
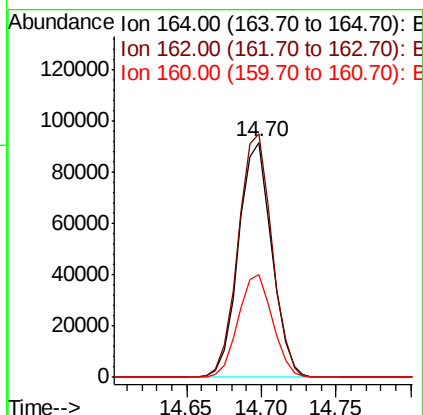
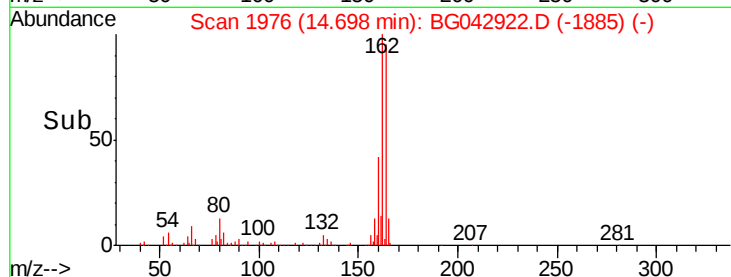
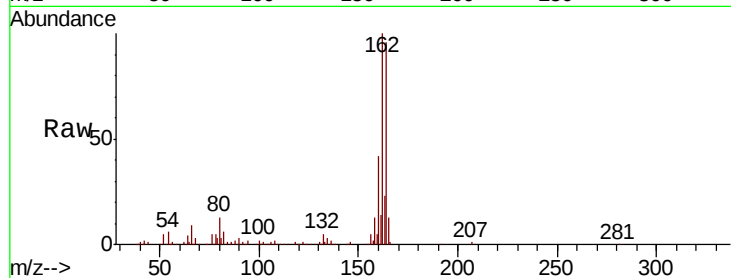
Tot Ion:164 Resp: 141768

Ion Ratio Lower Upper

164 100

162 103.7 78.5 117.7

160 43.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.356 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Tgt Ion:216 Resp: 54341

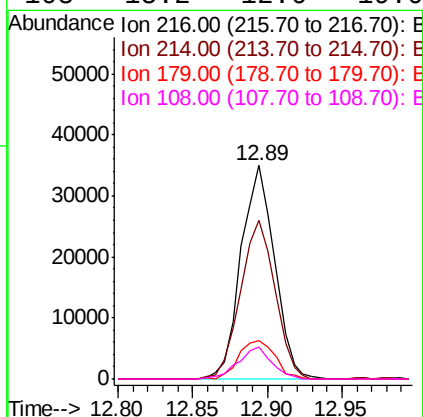
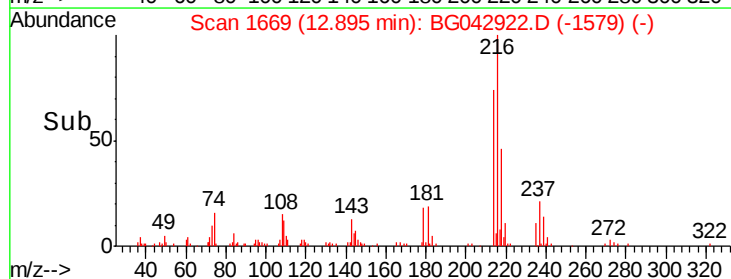
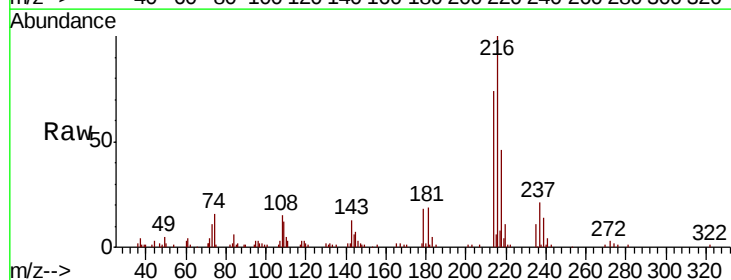
Ion Ratio Lower Upper

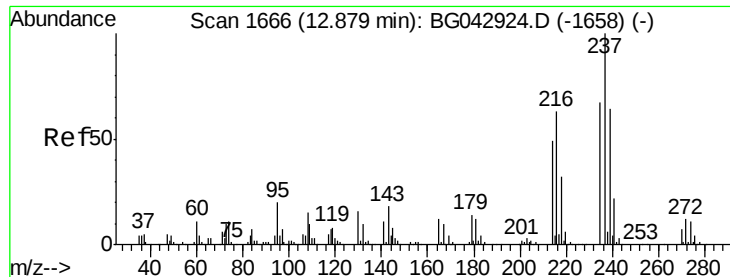
216 100

214 76.6 62.4 93.6

179 19.7 15.4 23.2

108 15.2 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 10.142 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampled :

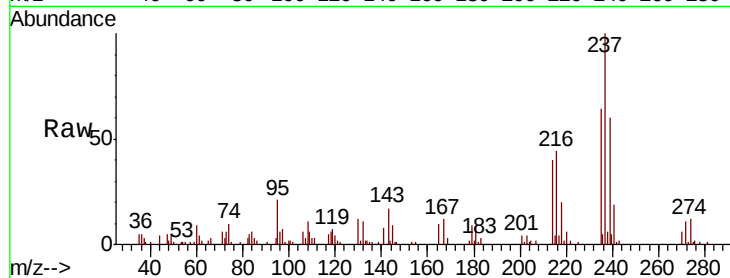
Tot Ion:237 Resp: 32624

Ion Ratio Lower Upper

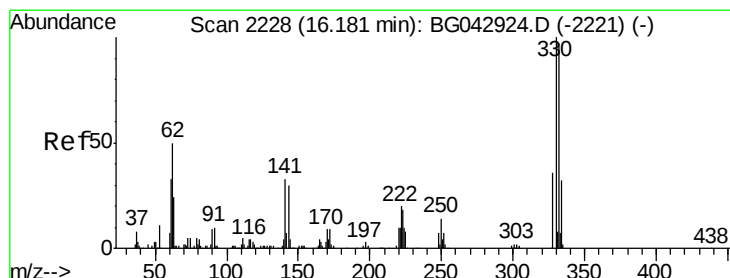
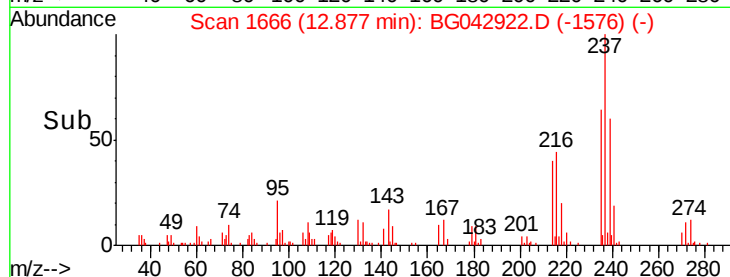
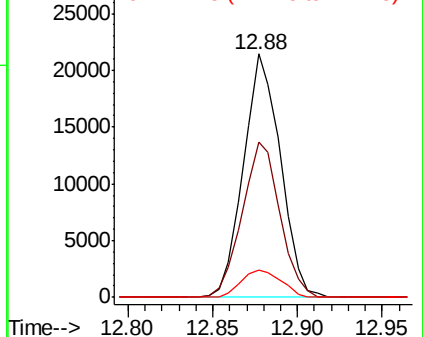
237 100

235 63.7 46.7 86.7

272 11.3 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 22.372 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

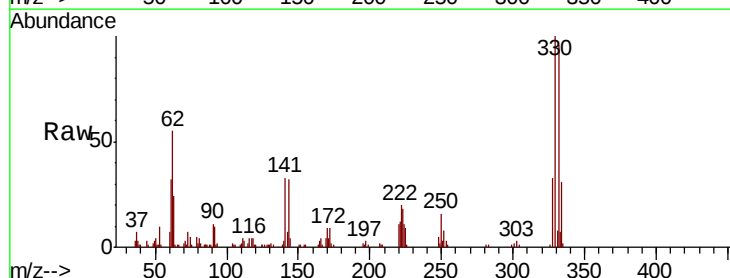
Tgt Ion:330 Resp: 50018

Ion Ratio Lower Upper

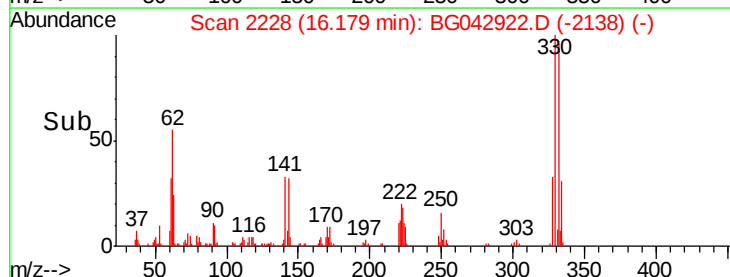
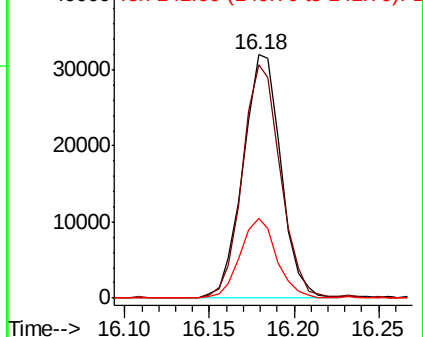
330 100

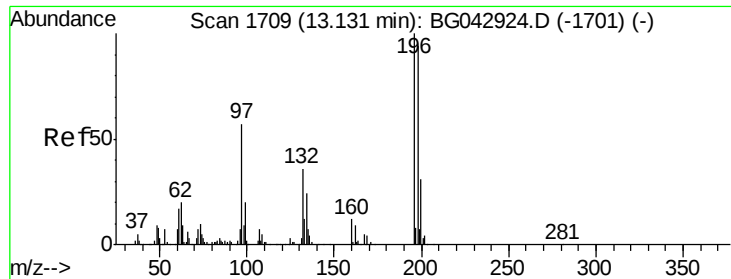
332 95.7 78.2 117.2

141 31.4 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

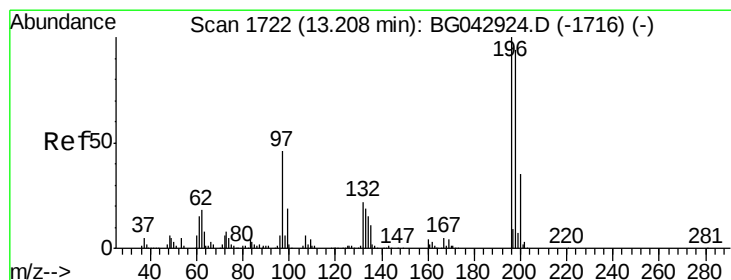
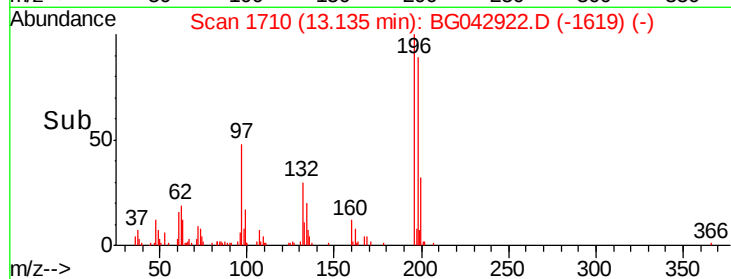
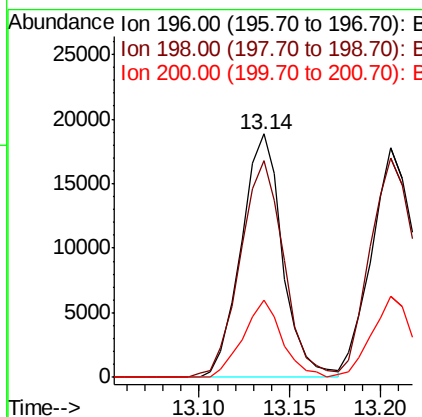
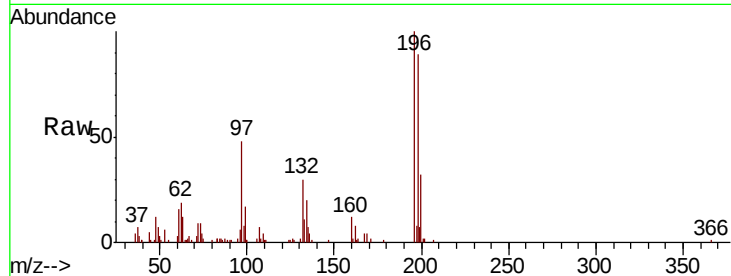




#43
 2,4,6-Trichlorophenol
 Concen: 9.772 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

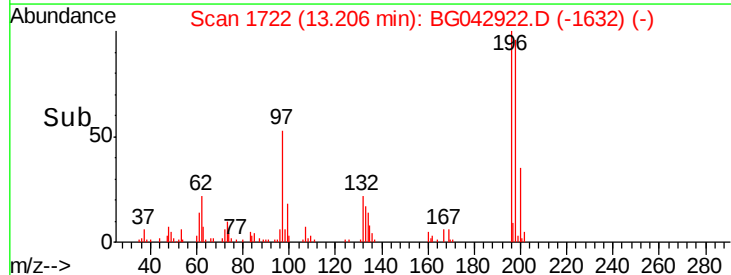
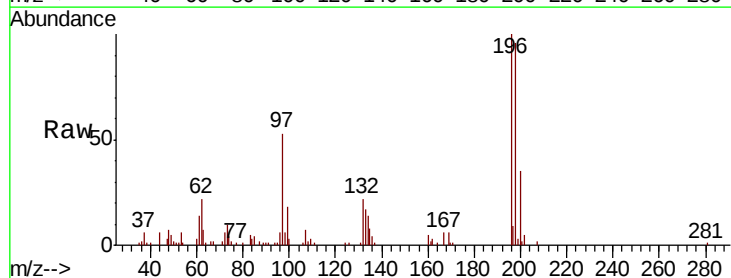
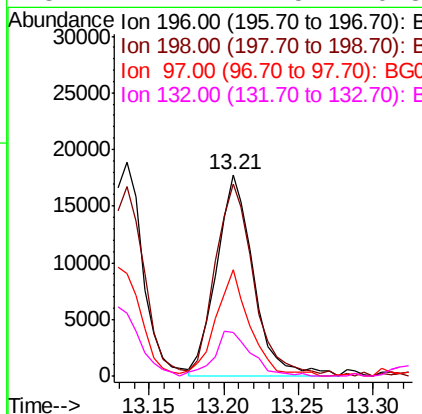
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	29999
Ion Ratio	Lower	Upper	
196	100		
198	88.9	75.5	113.3
200	31.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 9.721 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion	196	Resp	30799
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.1	112.7
97	52.9	37.0	55.4
132	21.7	17.5	26.3

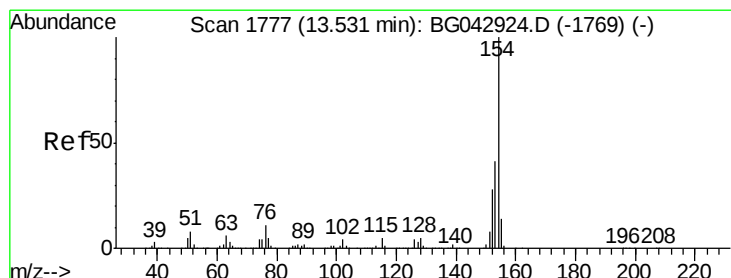
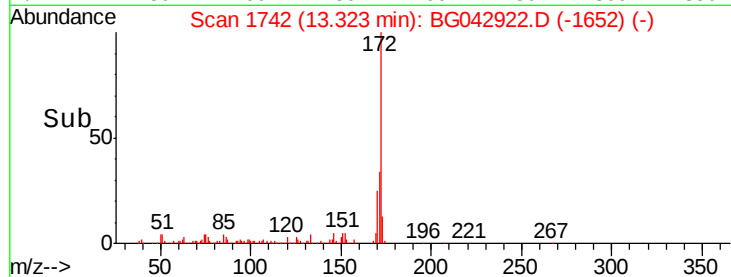
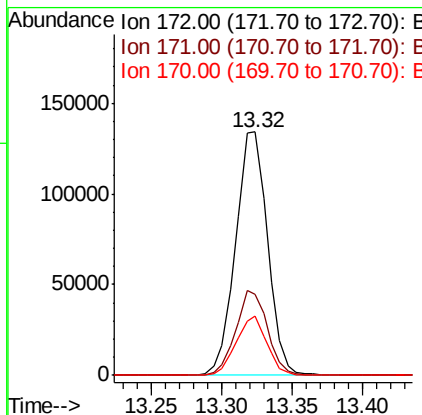
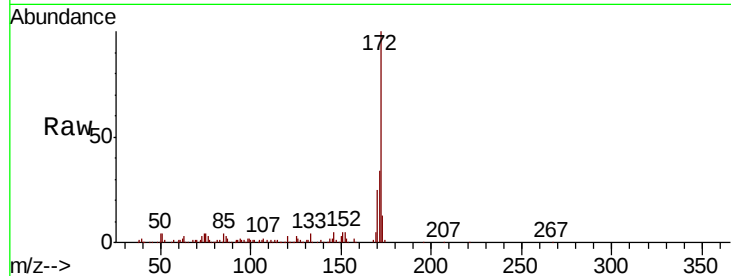




#45
 2-Fluorobiphenyl
 Concen: 21.997 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

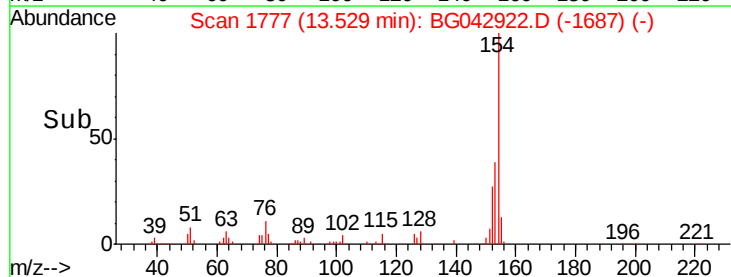
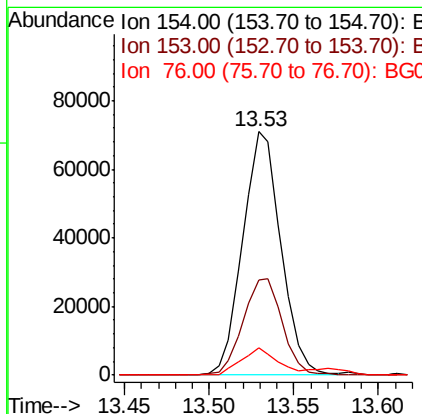
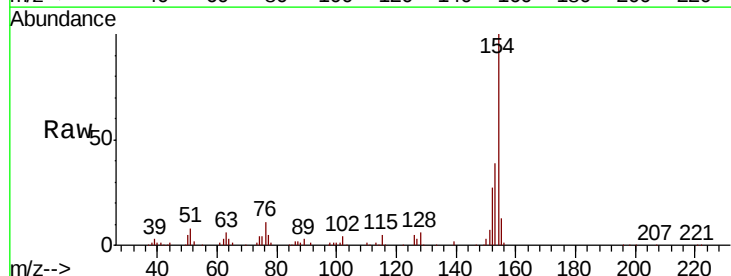
Instrument :
 BNA_G
 ClientSampleId :

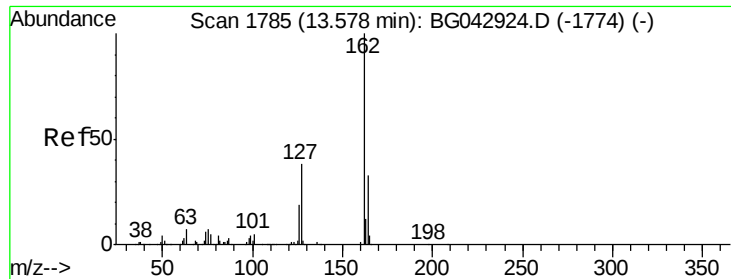
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.6	44.4
170	24.6	19.6	29.4



#46
 1,1'-Biphenyl
 Concen: 10.326 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.4	61.4
76	11.4	0.0	31.3

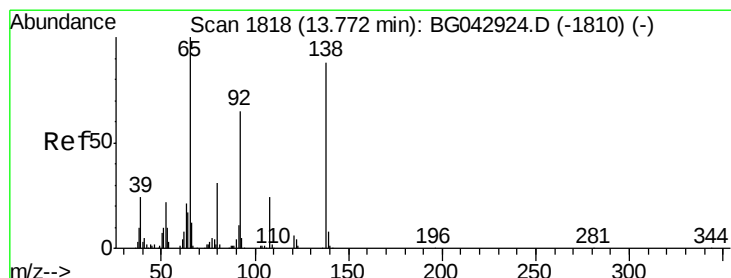
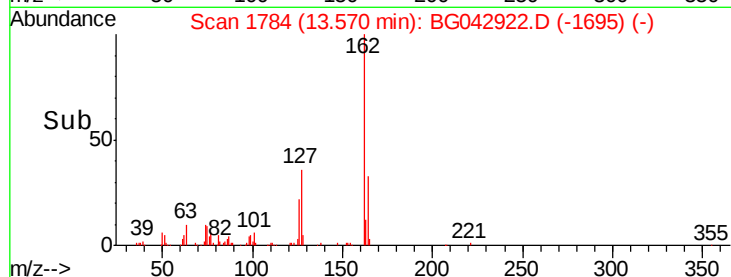
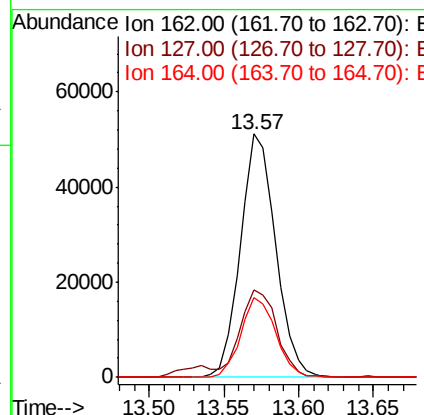
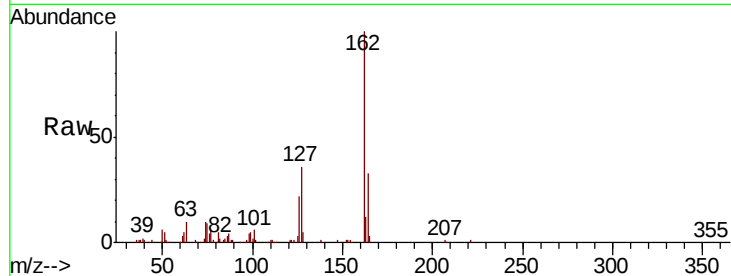




#47
 2-Chloronaphthalene
 Concen: 10.289 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

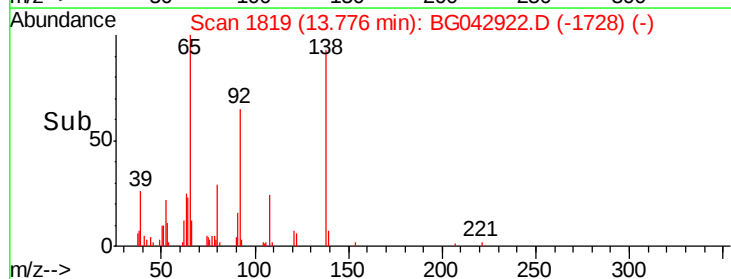
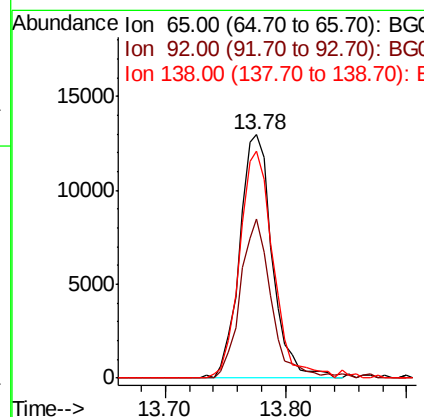
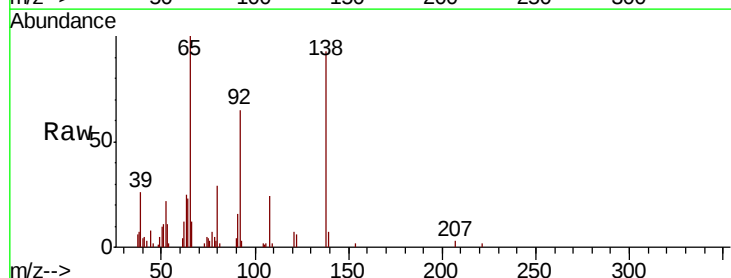
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	31.0	46.6
164	32.8	26.2	39.2



#48
 2-Nitroaniline
 Concen: 8.923 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	52.0	78.0
138	93.4	70.4	105.6





#49

Acenaphthylene

Concen: 10.523 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

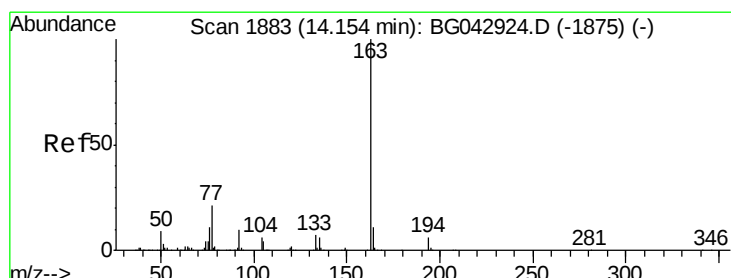
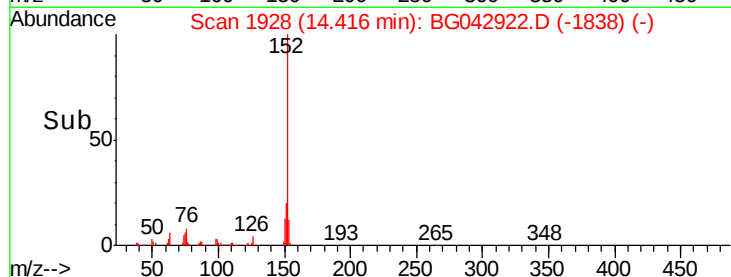
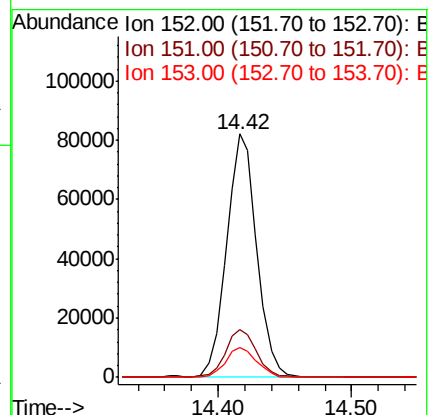
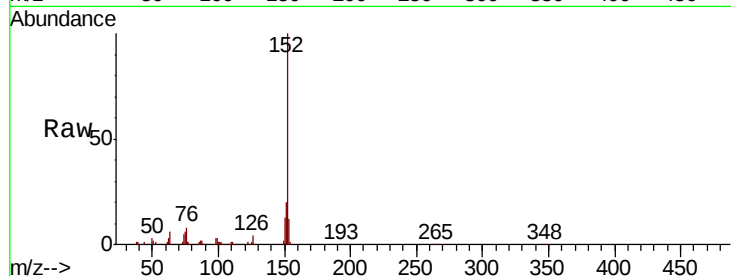
Tot Ion:152 Resp: 129711

Ion Ratio Lower Upper

152 100

151 19.6 16.8 25.2

153 12.5 11.3 16.9



#50

Dimethylphthalate

Concen: 10.997 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

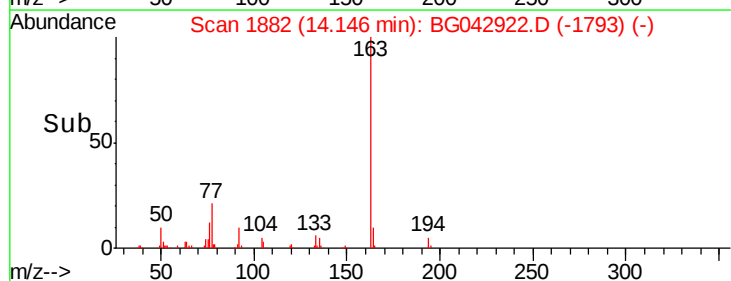
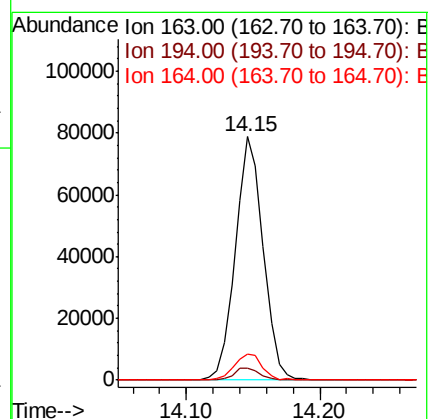
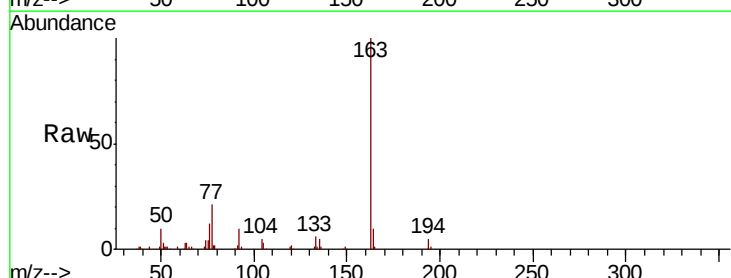
Tgt Ion:163 Resp: 114084

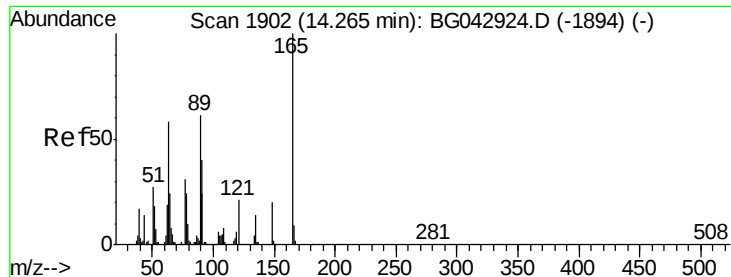
Ion Ratio Lower Upper

163 100

194 4.7 4.4 6.6

164 10.5 8.6 12.8

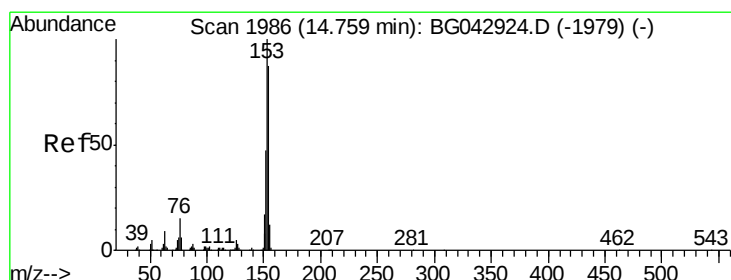
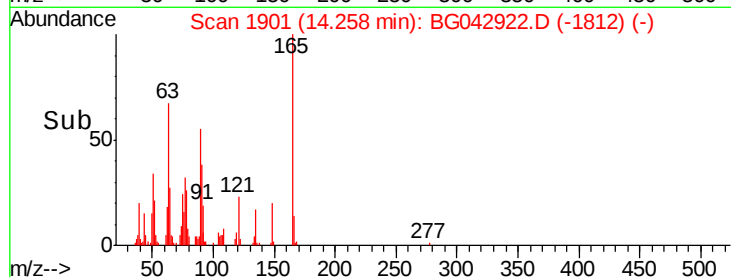
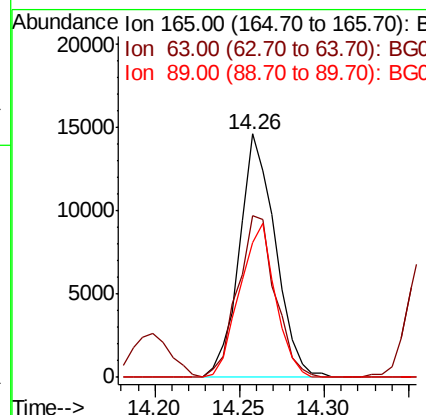
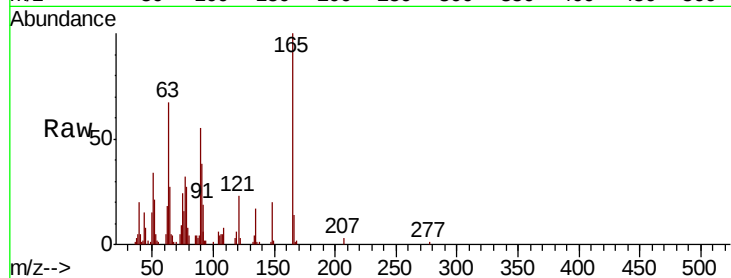




#51
 2,6-Dinitrotoluene
 Concen: 9.785 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

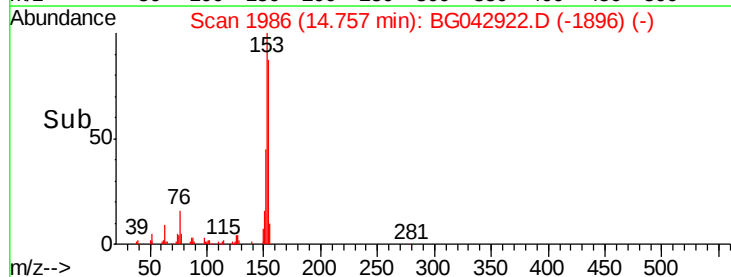
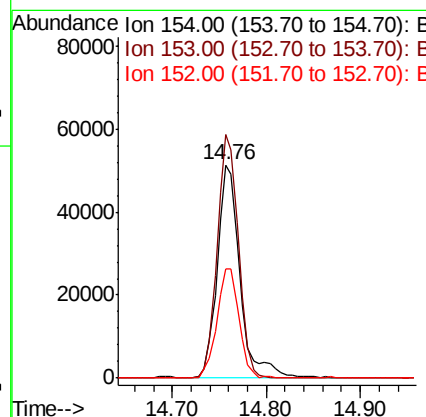
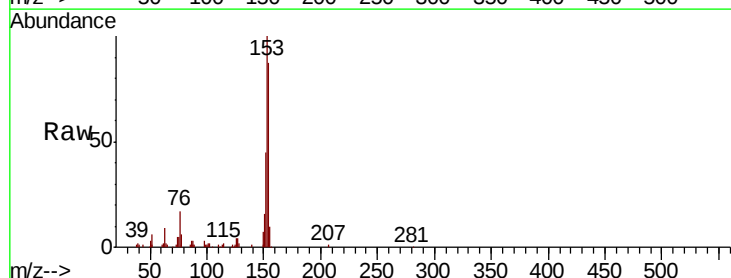
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 21623
 Ion Ratio Lower Upper
 165 100
 63 66.6 50.3 75.5
 89 55.1 48.9 73.3



#52
 Acenaphthene
 Concen: 10.804 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion:154 Resp: 88146
 Ion Ratio Lower Upper
 154 100
 153 114.4 91.4 137.0
 152 51.3 42.8 64.2





#53

3-Nitroaniline

Concen: 9.650 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

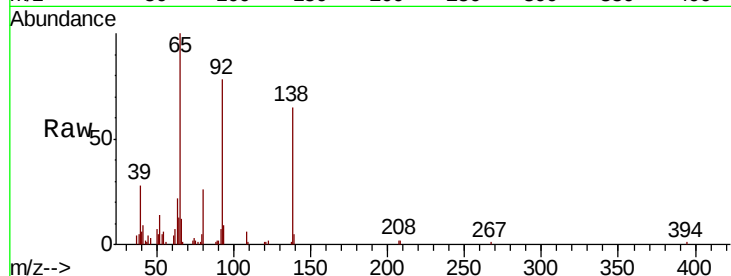
Tot Ion:138 Resp: 22413

Ion Ratio Lower Upper

138 100

108 9.5 7.9 11.9

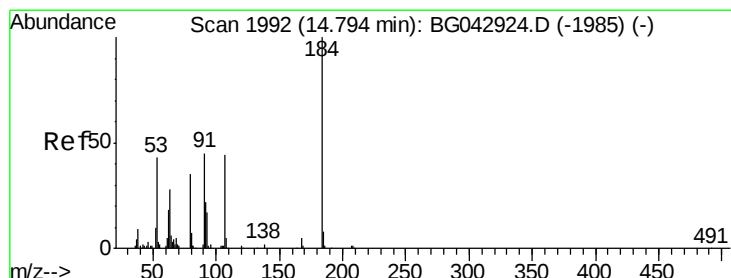
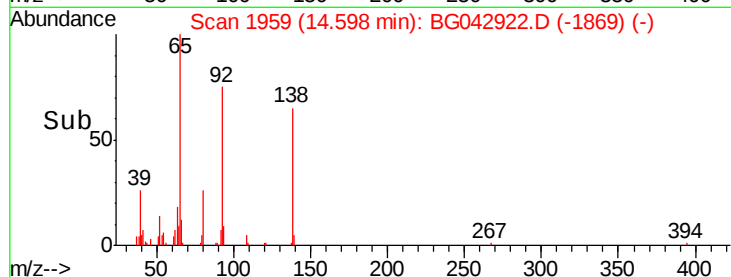
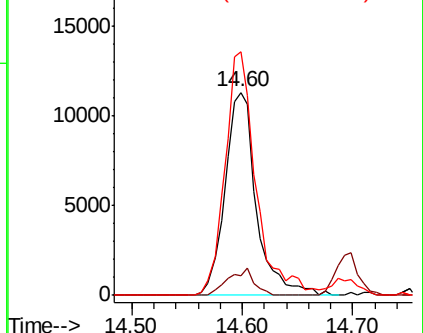
92 120.1 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 8.943 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

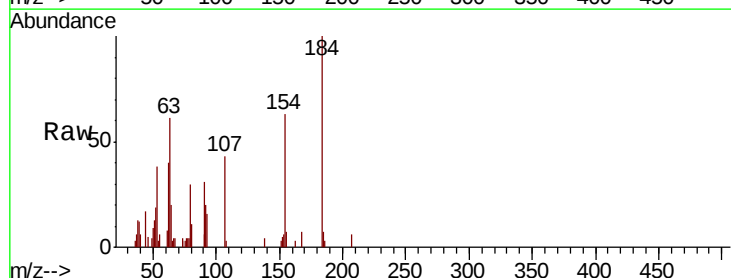
Tgt Ion:184 Resp: 11643

Ion Ratio Lower Upper

184 100

63 61.3 55.0 82.6

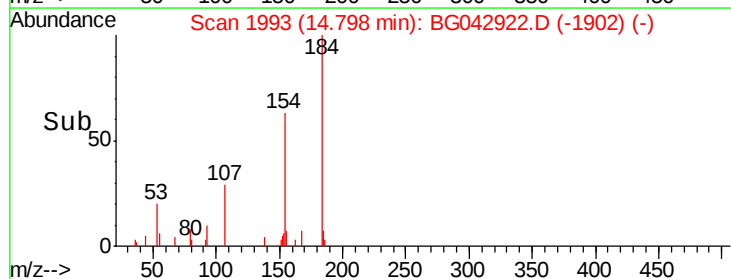
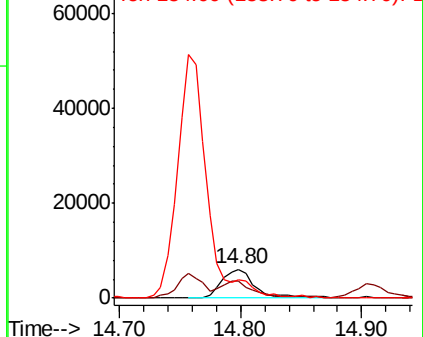
154 63.1 56.5 84.7

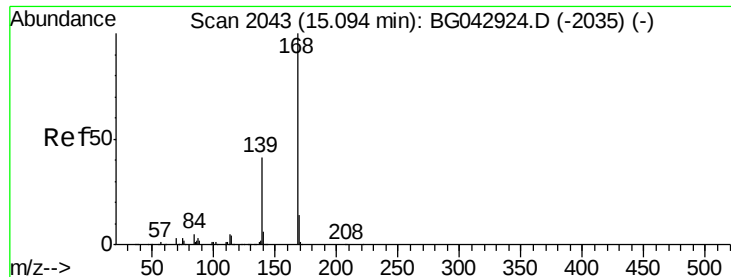


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

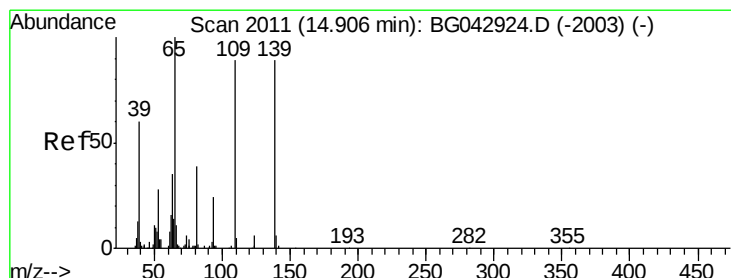
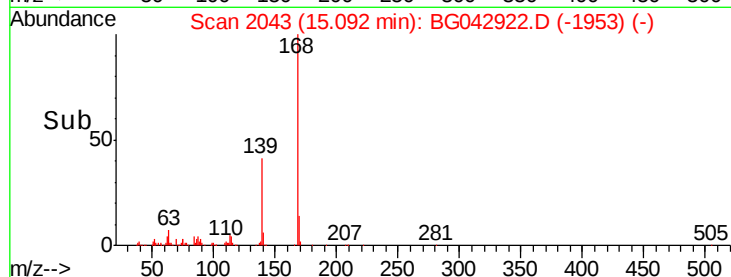
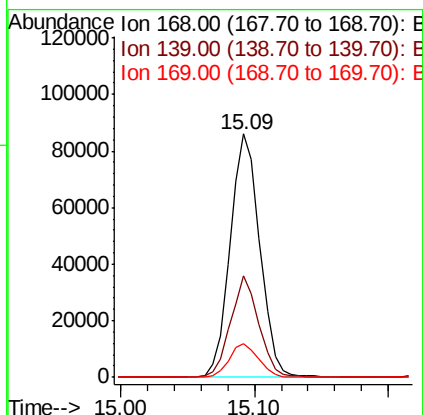
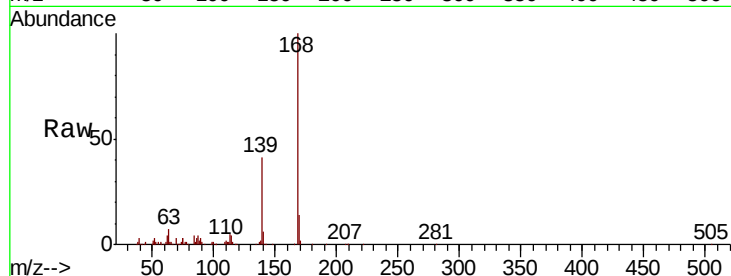




#55
Dibenzenofuran
Concen: 11.013 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

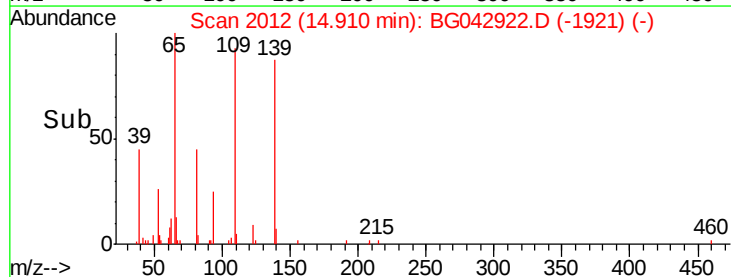
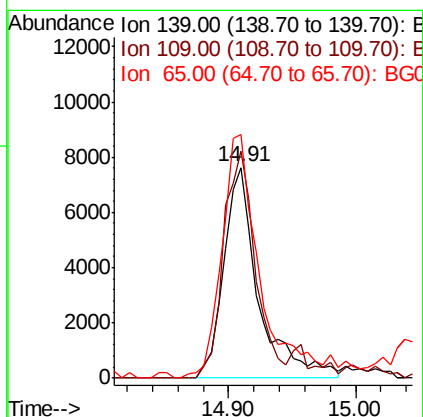
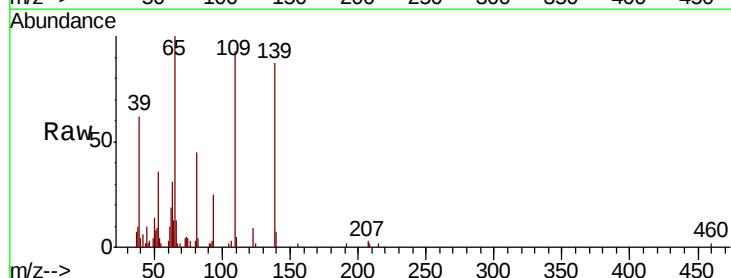
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.6	48.8
169	13.8	11.2	16.8



#56
4-Nitrophenol
Concen: 8.188 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	107.6	79.4	119.4
65	115.4	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 10.092 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 31649

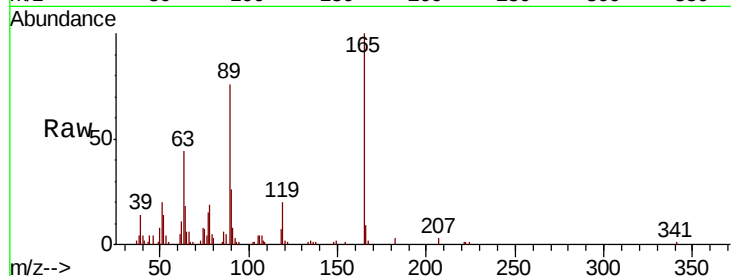
Ion Ratio Lower Upper

165 100

63 44.1 36.5 54.7

89 75.8 55.5 83.3

182 2.5 2.4 3.6

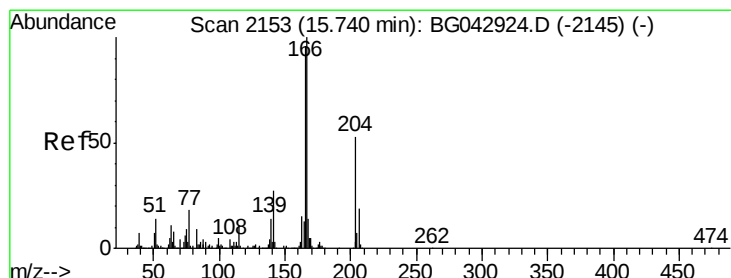
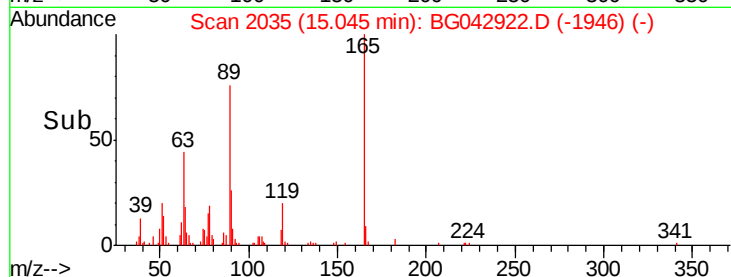
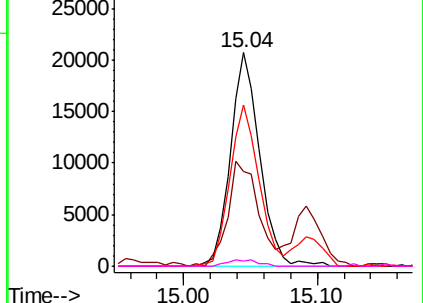


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.027 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

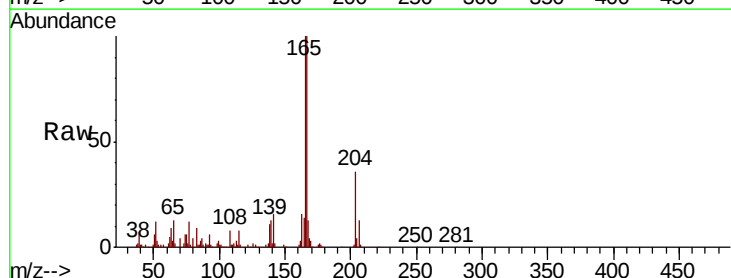
Tgt Ion:166 Resp: 112835

Ion Ratio Lower Upper

166 100

165 100.2 77.1 115.7

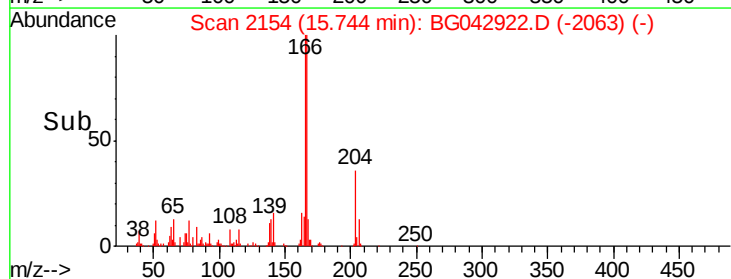
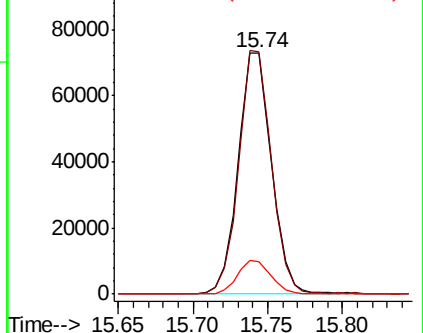
167 13.3 11.0 16.6

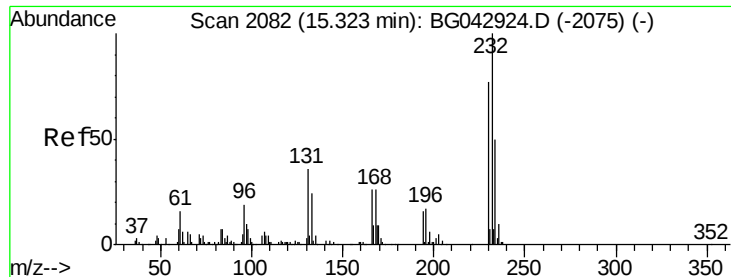


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

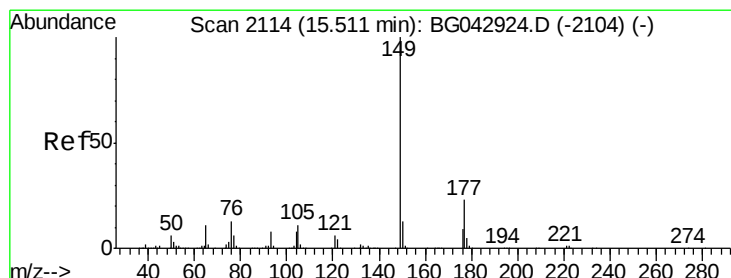
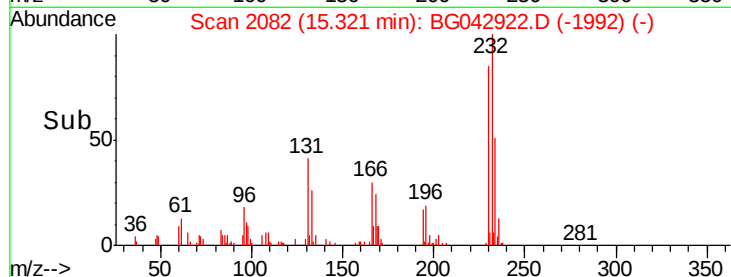
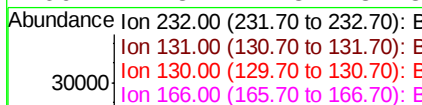
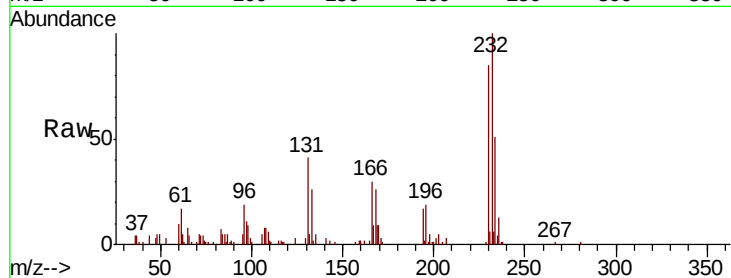




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 10.781 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

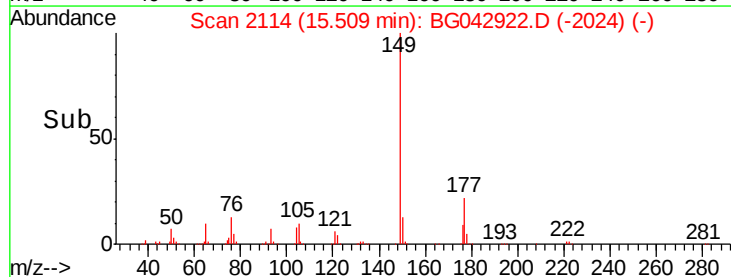
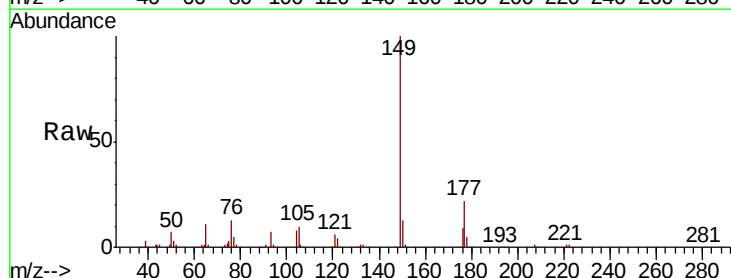
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	34931
Ion	Ratio	Lower	Upper
232	100		
131	37.6	29.6	44.4
130	2.4	1.9	2.9
166	27.3	21.8	32.8



#60
 Diethylphthalate
 Concen: 11.155 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion:	149	Resp:	116762
Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.8	28.2
150	12.9	10.6	15.8

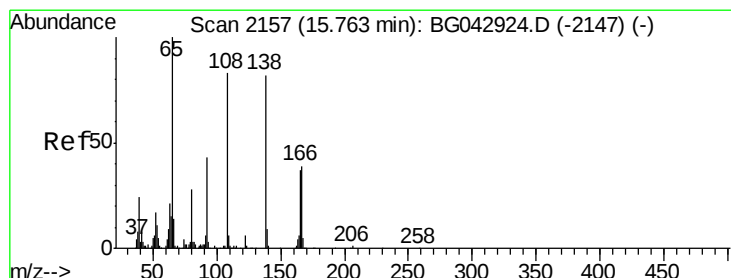
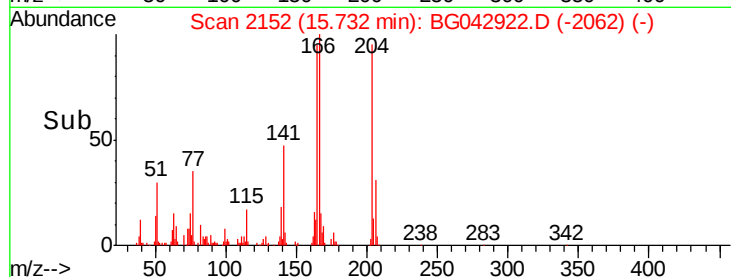
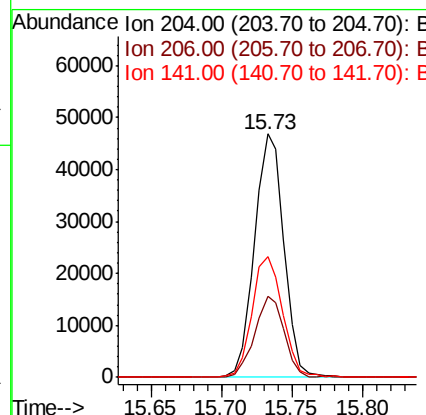
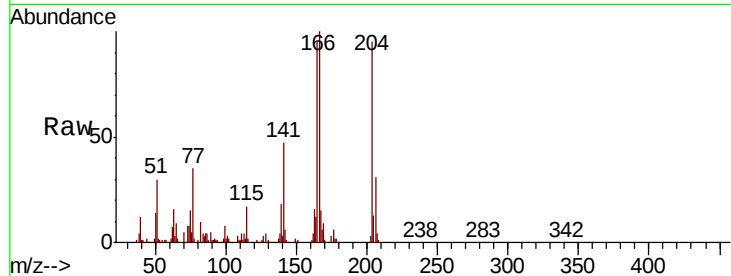




#61
 4-Chlorophenyl-phenylether
 Concen: 11.325 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

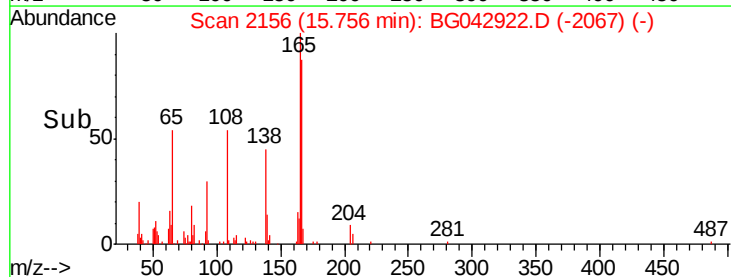
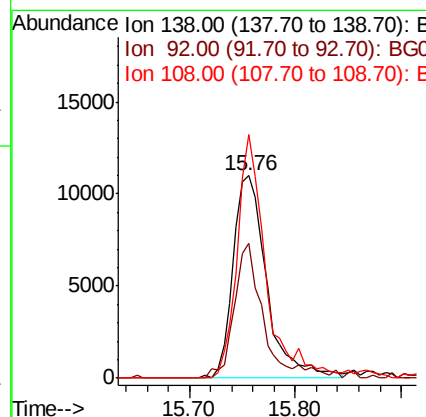
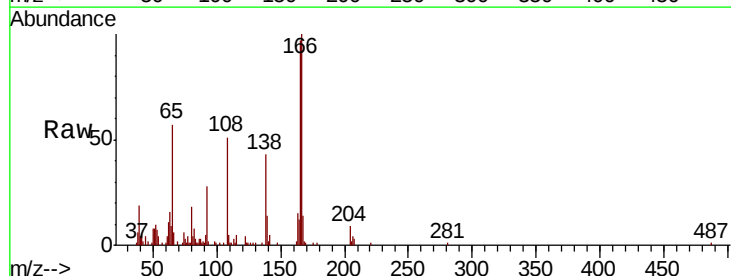
Instrument :
 BNA_G
 ClientSampleId :

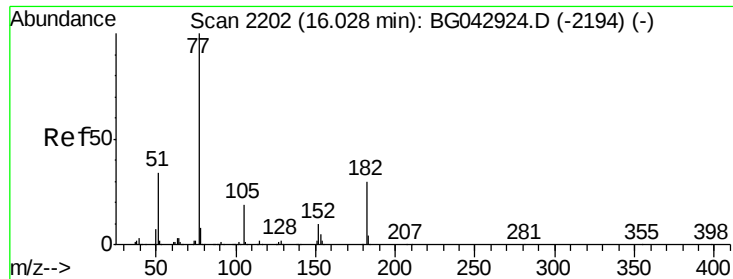
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	28.5	42.7
141	49.5	42.4	63.6



#62
 4-Nitroaniline
 Concen: 9.627 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.4	32.9	72.9
108	120.3	81.3	121.3





#63

Azobenzene

Concen: 10.263 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 103235

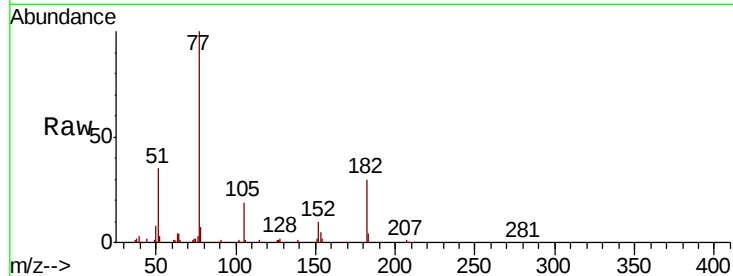
Ion Ratio Lower Upper

77 100

182 29.9 10.2 50.2

105 19.0 0.0 39.1

51 35.2 13.9 53.9

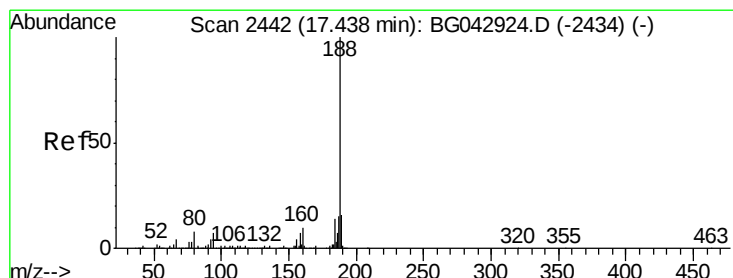
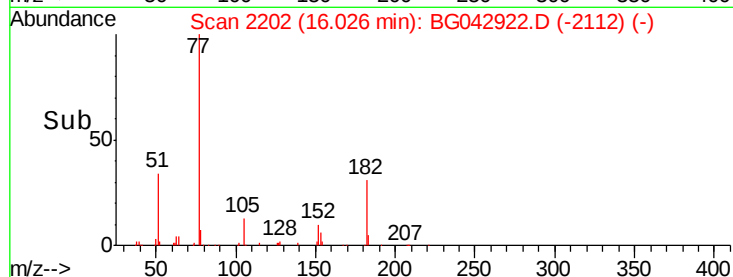
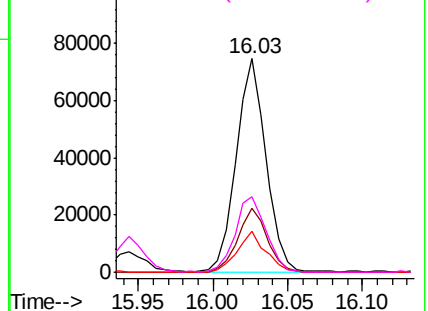


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

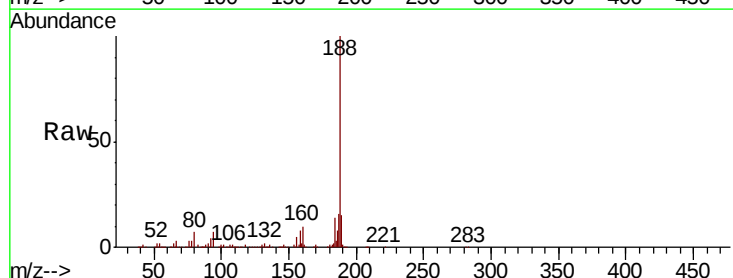
Tgt Ion: 188 Resp: 371672

Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

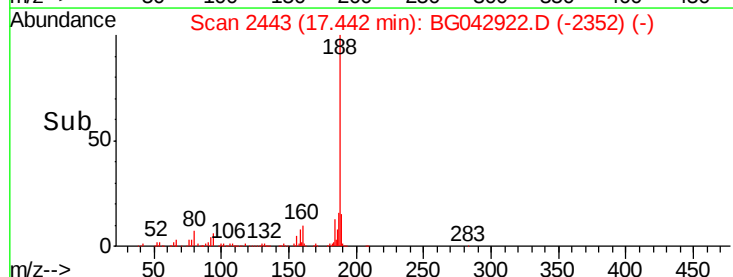
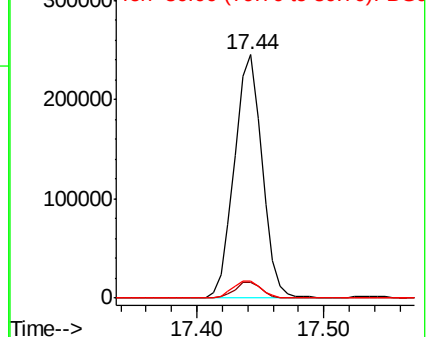
80 7.0 6.5 9.7

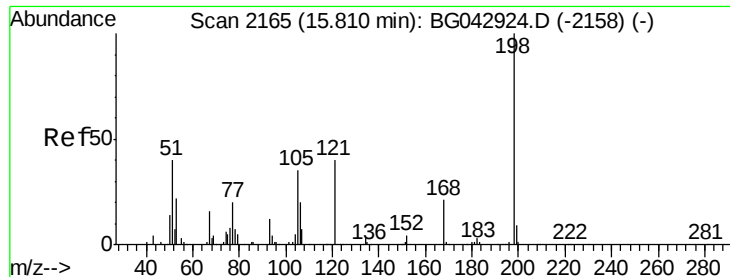


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 8.810 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

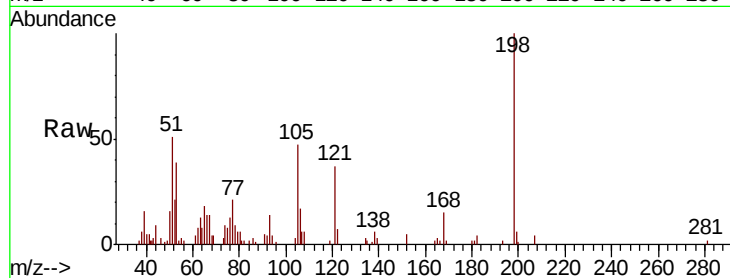
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 17341

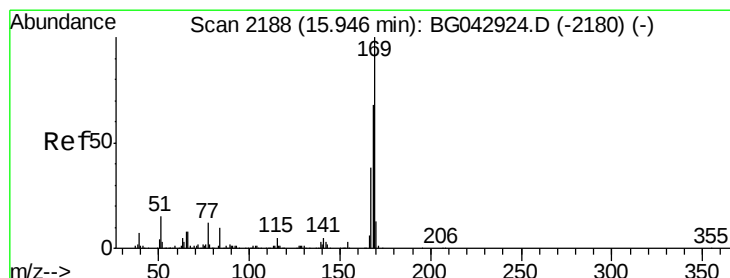
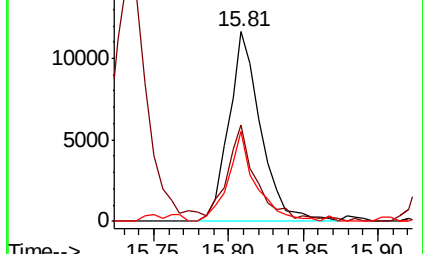
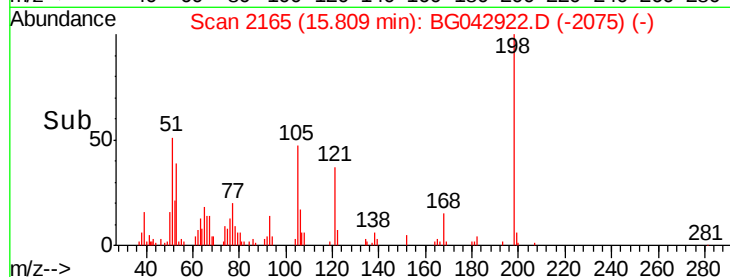
Ion	Ratio	Lower	Upper
198	100		
51	50.6	25.3	65.3
105	47.2	16.6	56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 10.079 ng

RT: 15.94 min Scan# 2188

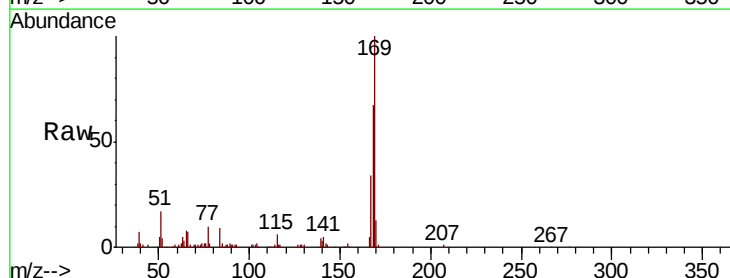
Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Tgt Ion:169 Resp: 100693

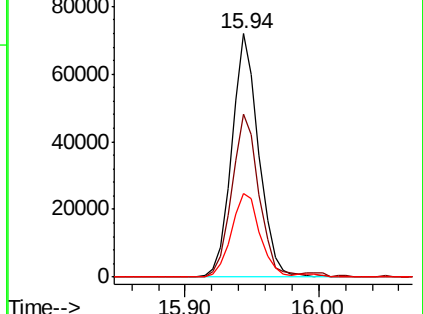
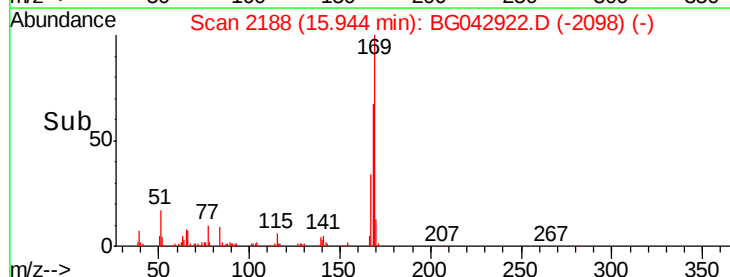
Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.8	82.2
167	34.1	30.6	46.0

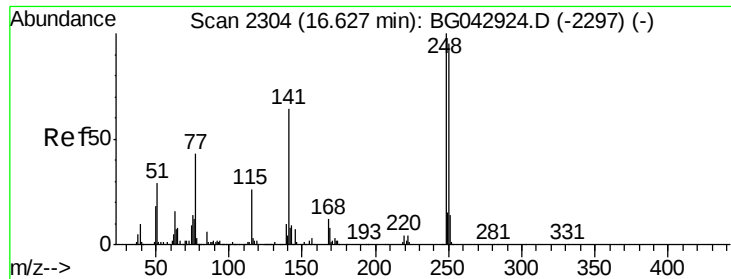


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

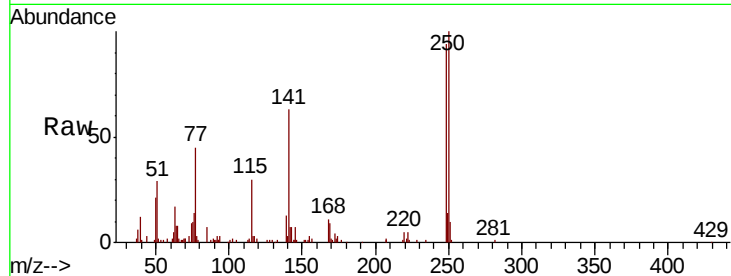




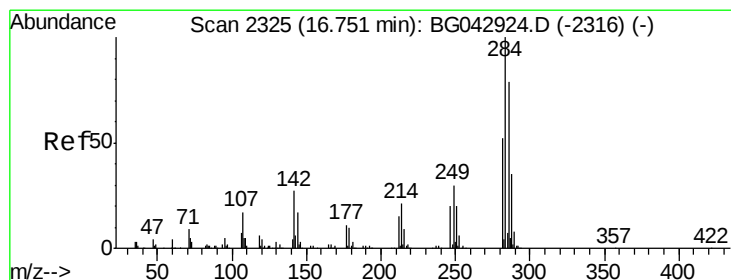
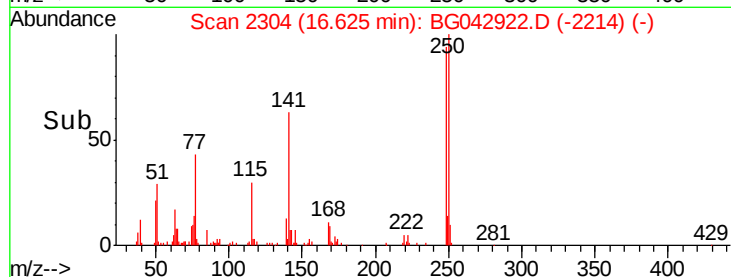
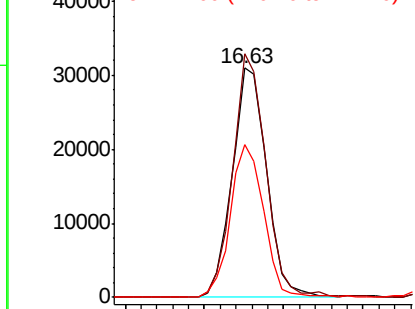
#67
4-Bromophenyl-phenylether
Concen: 10.188 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 46587
Ion Ratio Lower Upper
248 100
250 106.2 75.8 113.8
141 66.5 51.1 76.7

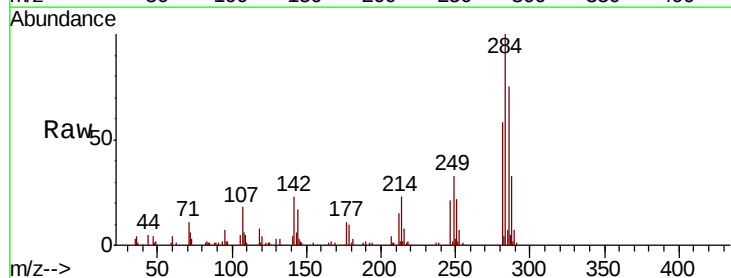


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

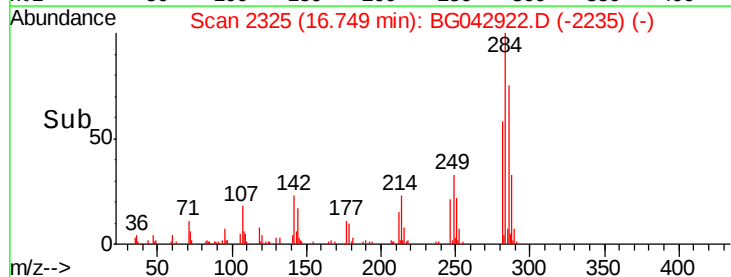
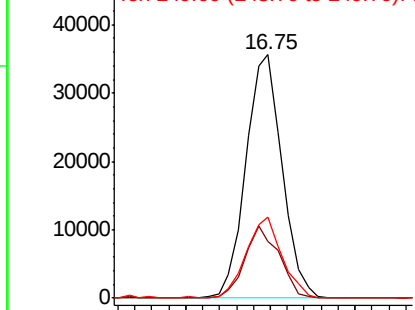


#68
Hexachlorobenzene
Concen: 10.475 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Tgt Ion:284 Resp: 52841
Ion Ratio Lower Upper
284 100
142 23.3 21.6 32.4
249 33.1 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 10.719 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

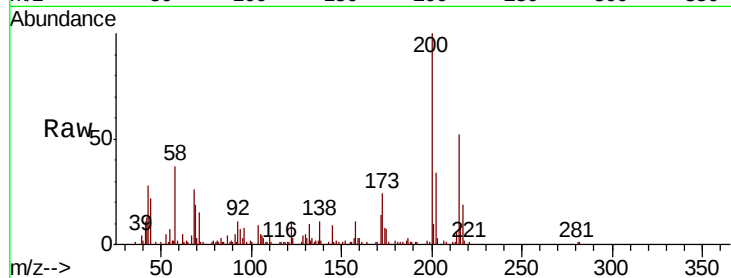
Instrument :

BNA_G

ClientSampleId :

Tot Ion:200 Resp: 44187

Ion	Ratio	Lower	Upper
200	100		
173	23.5	4.0	44.0
215	51.7	27.4	67.4

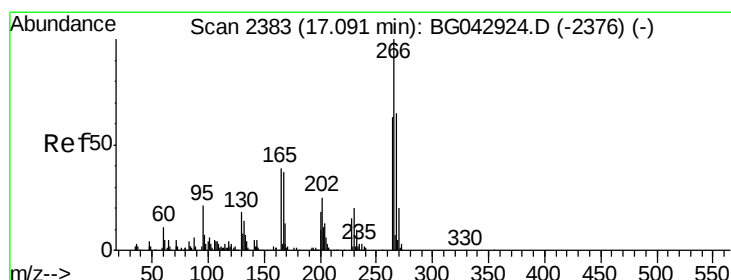
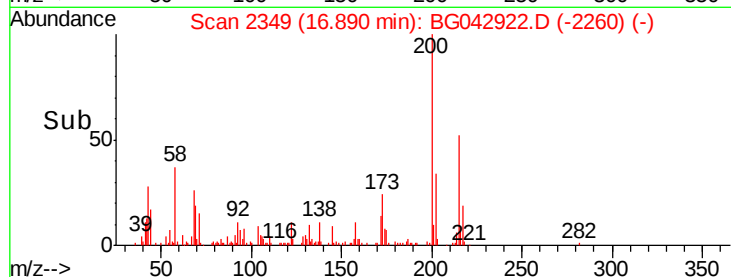
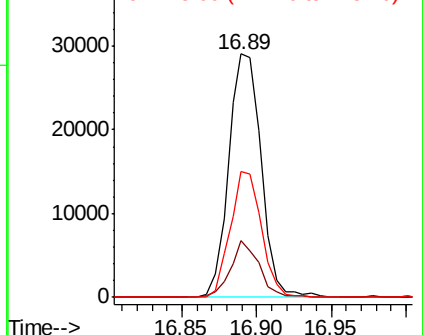


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 8.765 ng

RT: 17.10 min Scan# 2384

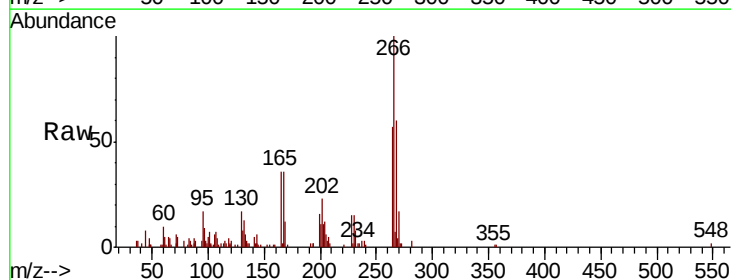
Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Tgt Ion:266 Resp: 25417

Ion	Ratio	Lower	Upper
266	100		
268	60.5	52.2	78.2
264	57.1	50.7	76.1

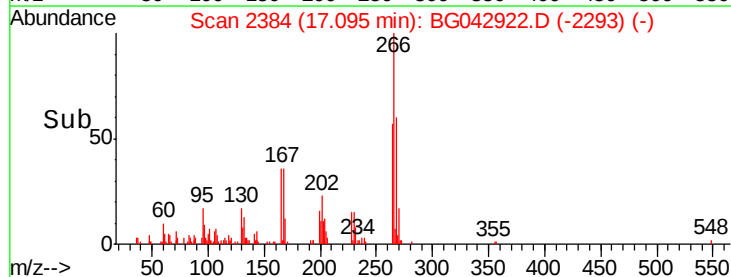
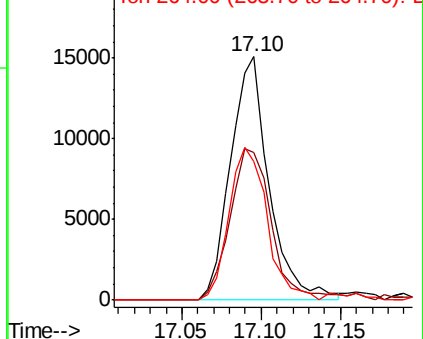


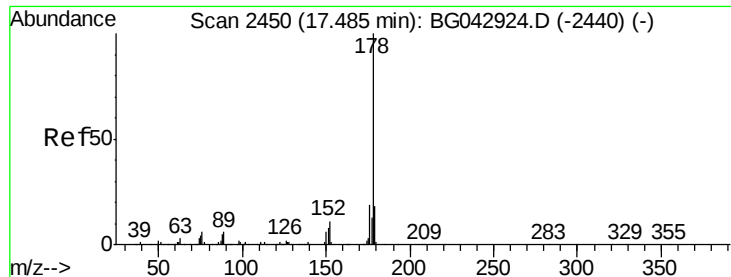
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 10.803 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

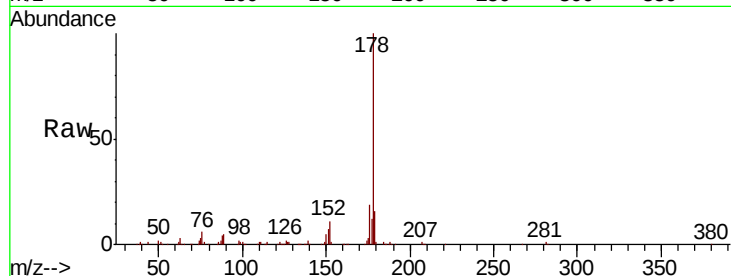
Tot Ion:178 Resp: 195034

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

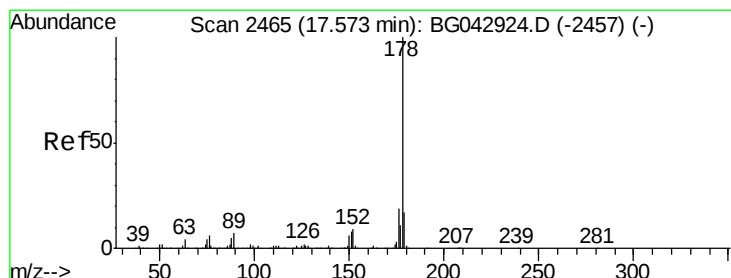
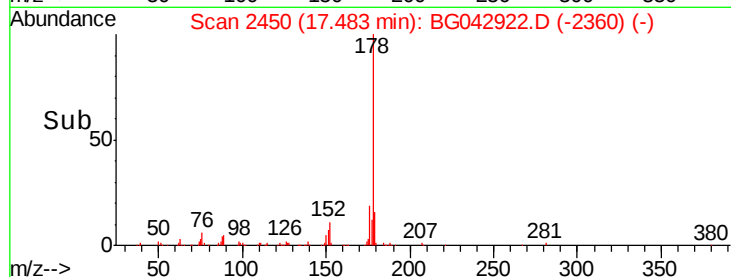
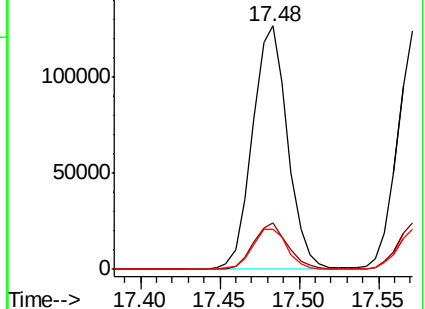
179 16.2 14.1 21.1



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: 10.681 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

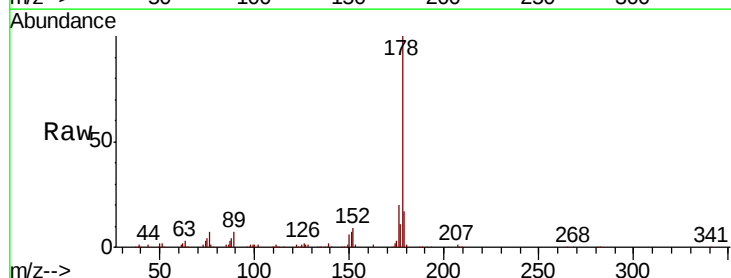
Tgt Ion:178 Resp: 191810

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

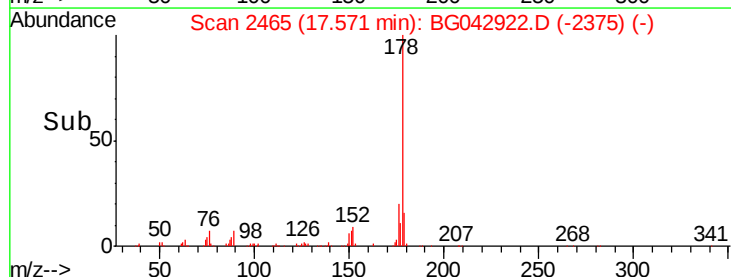
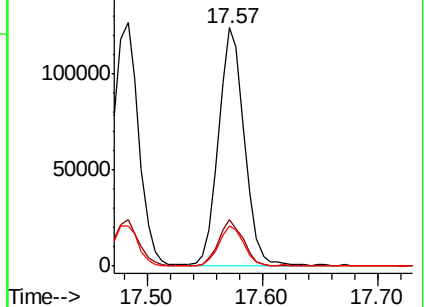
179 16.6 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

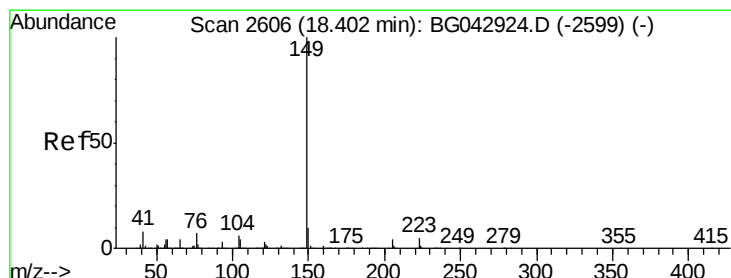
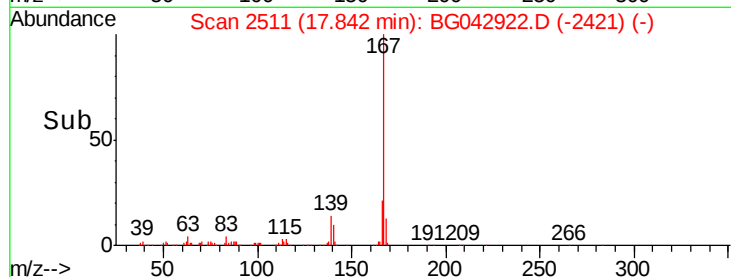
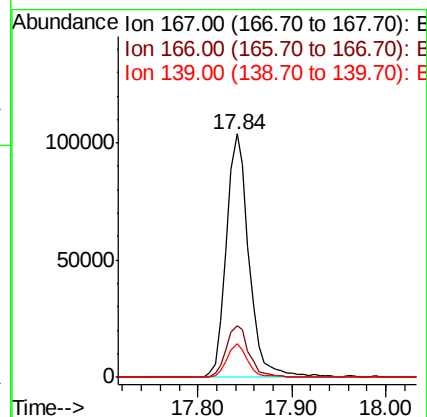
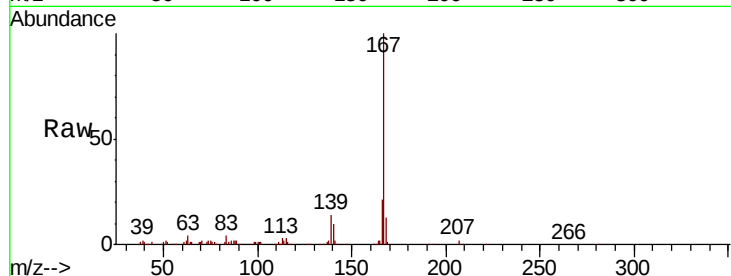




#73
 Carbazole
 Concen: 10.445 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

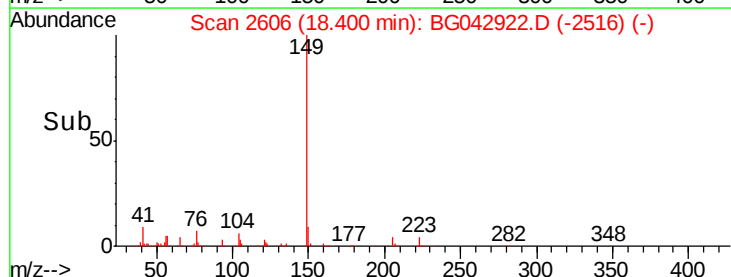
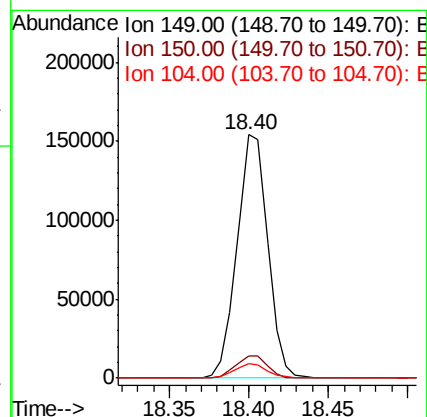
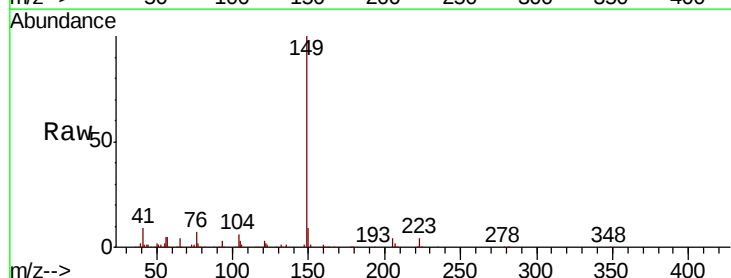
Instrument :
 BNA_G
 ClientSampleId :

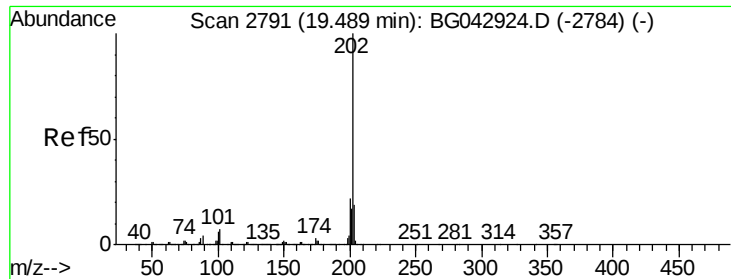
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.6	28.0
139	13.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 10.628 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BG042922.D
 Acq: 25 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.9	5.0	7.6





#75

Fluoranthene

Concen: 11.686 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

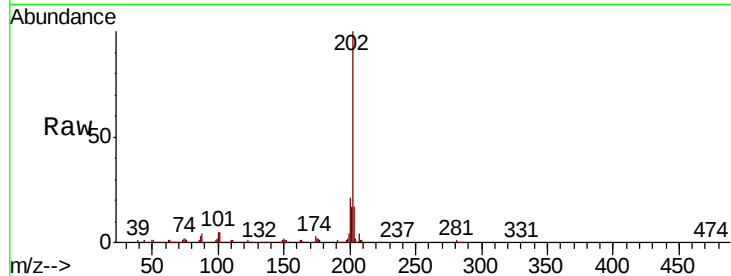
Tot Ion:202 Resp: 267292

Ion Ratio Lower Upper

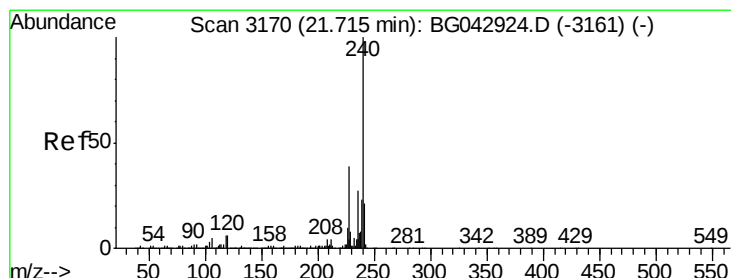
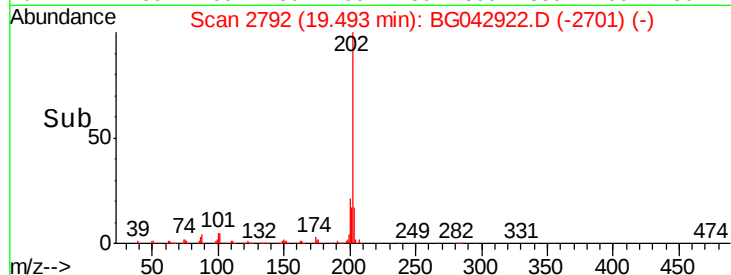
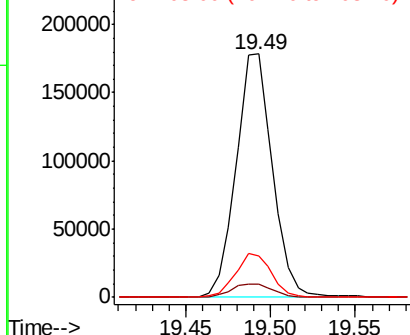
202 100

101 5.3 0.0 27.3

203 17.1 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

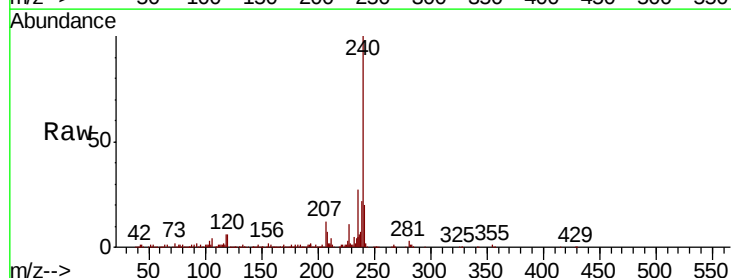
Tgt Ion:240 Resp: 416220

Ion Ratio Lower Upper

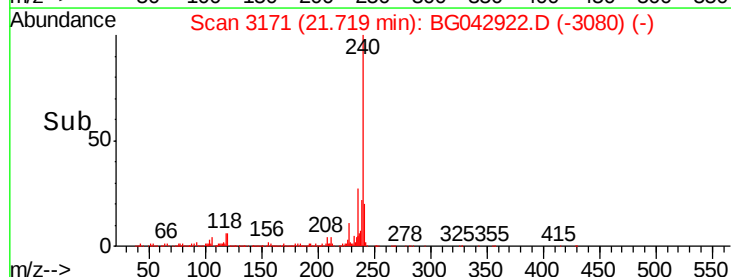
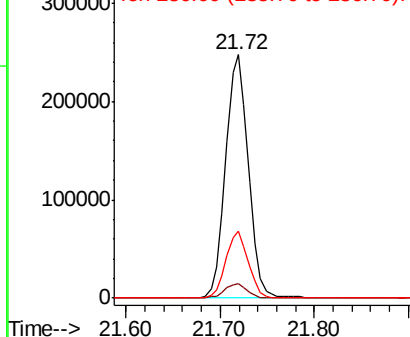
240 100

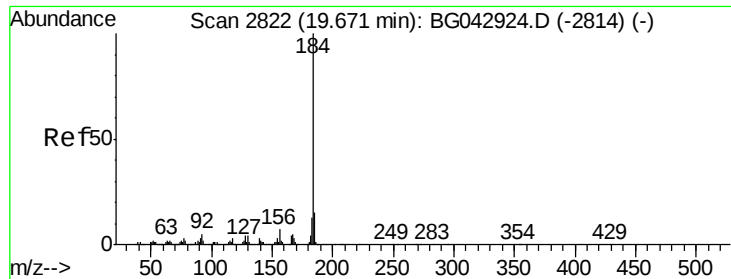
120 6.0 4.8 7.2

236 27.3 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.688 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

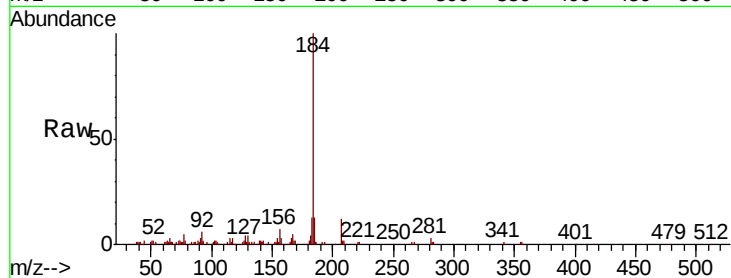
Tot Ion:184 Resp: 111938

Ion Ratio Lower Upper

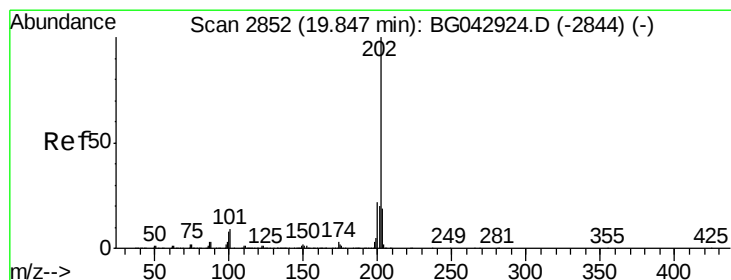
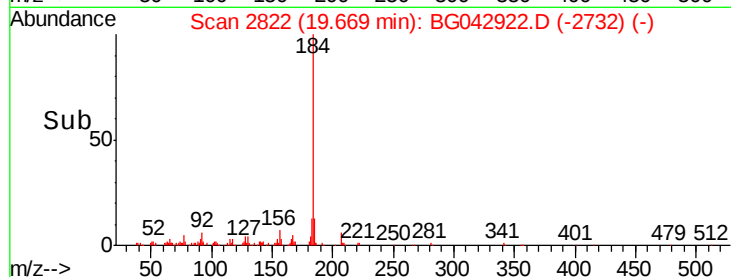
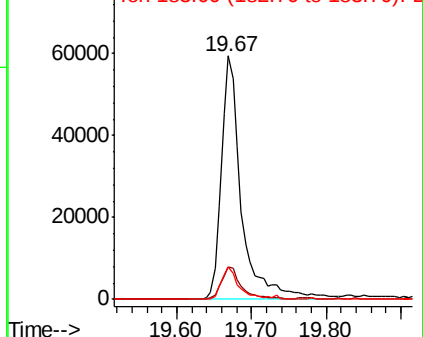
184 100

185 13.5 11.8 17.8

183 13.2 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 11.243 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

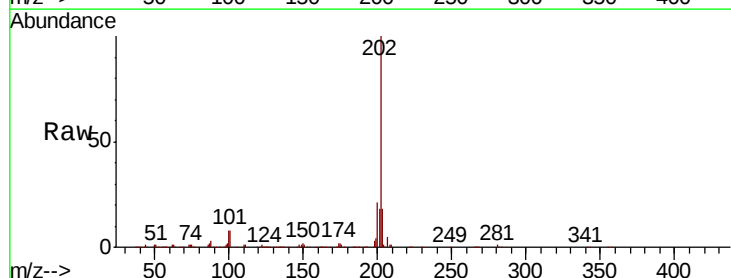
Tgt Ion:202 Resp: 279080

Ion Ratio Lower Upper

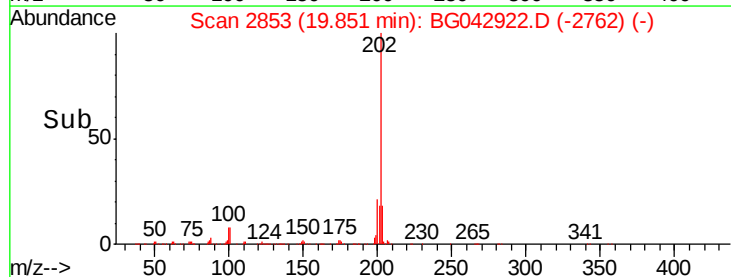
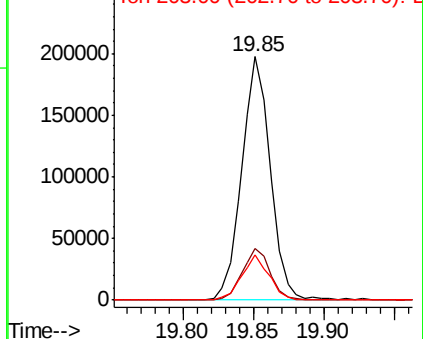
202 100

200 21.2 17.6 26.4

203 18.5 15.2 22.8



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





#79

Terphenyl-d14

Concen: 24.261 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampled :

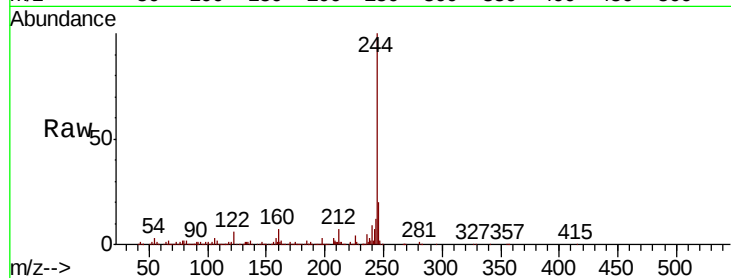
Tot Ion:244 Resp: 496265

Ion Ratio Lower Upper

244 100

212 7.2 7.4 11.0#

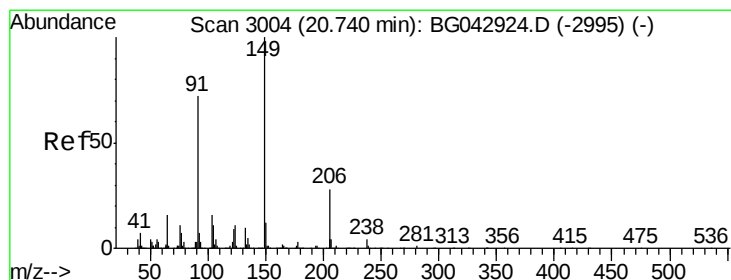
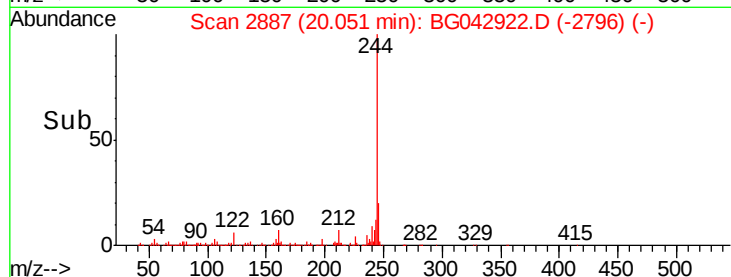
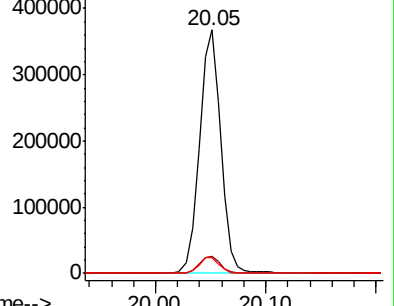
122 6.4 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 9.215 ng

RT: 20.74 min Scan# 3004

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

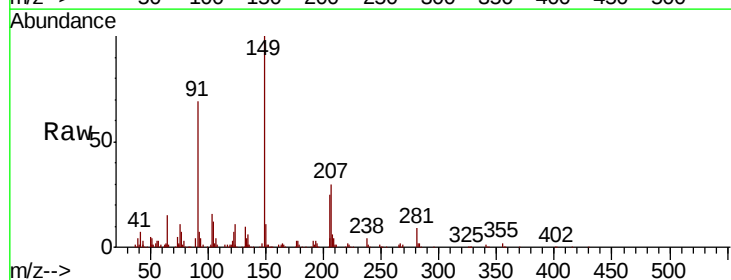
Tgt Ion:149 Resp: 88333

Ion Ratio Lower Upper

149 100

91 69.1 57.7 86.5

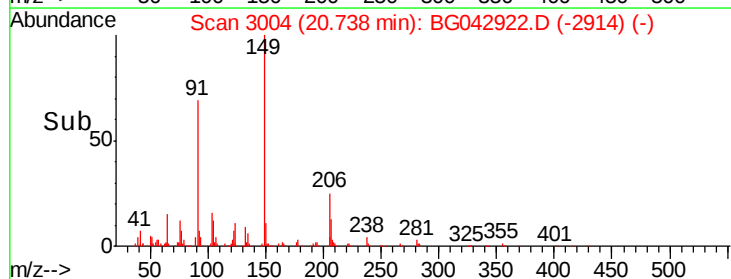
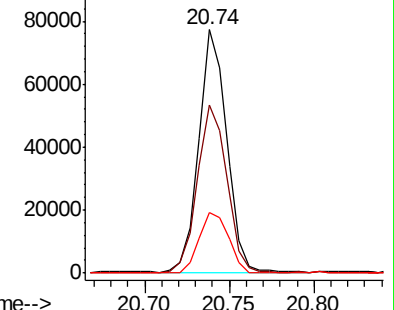
206 24.7 22.6 33.8

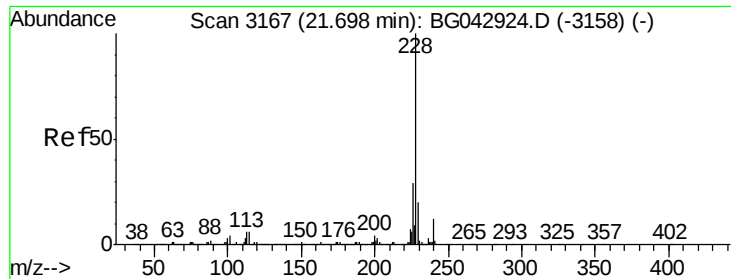


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.040 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

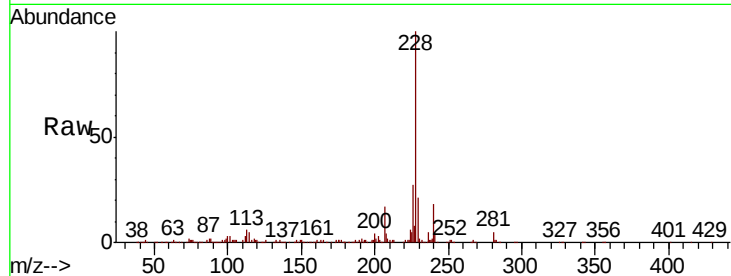
Tot Ion:228 Resp: 282982

Ion Ratio Lower Upper

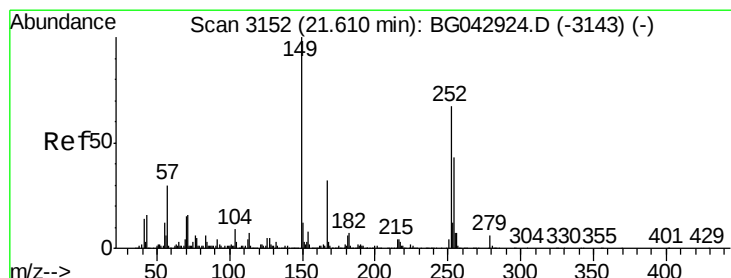
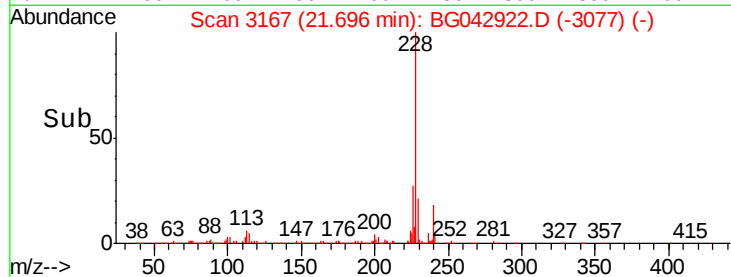
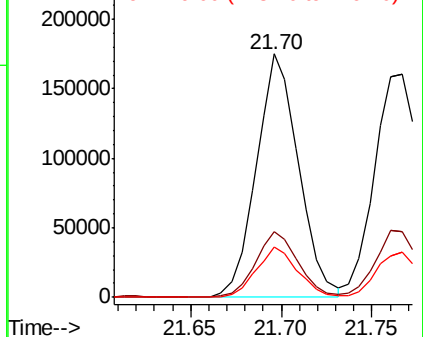
228 100

226 26.9 23.0 34.4

229 20.9 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 10.128 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

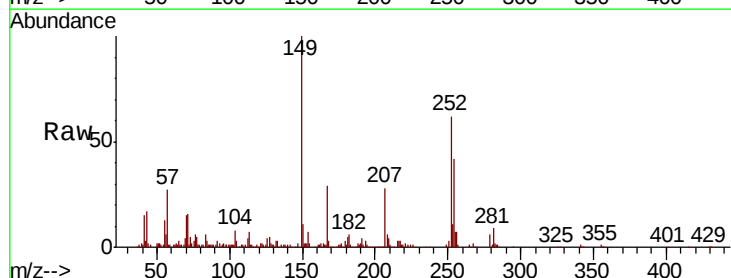
Tgt Ion:252 Resp: 103405

Ion Ratio Lower Upper

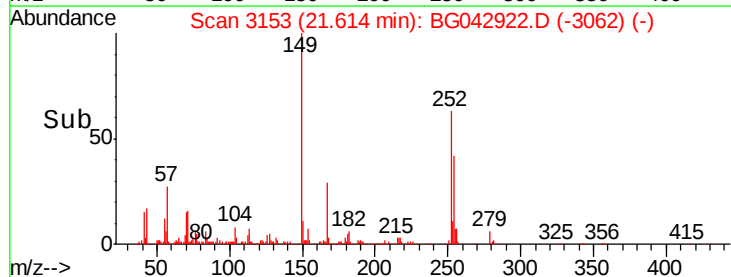
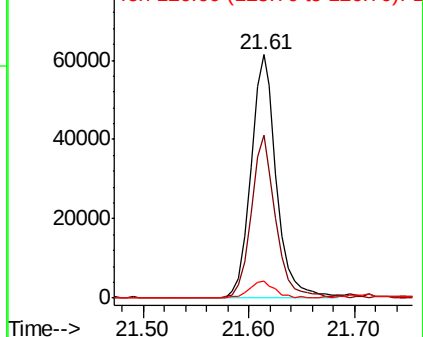
252 100

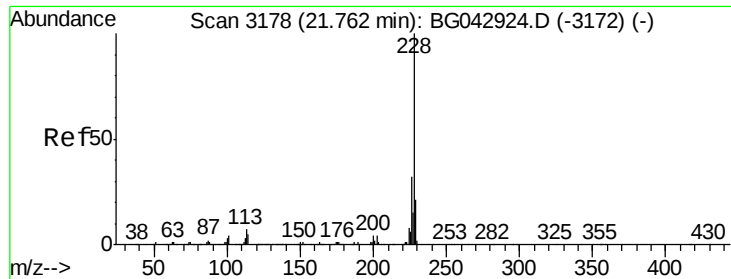
254 66.8 51.9 77.9

126 7.2 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 11.448 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

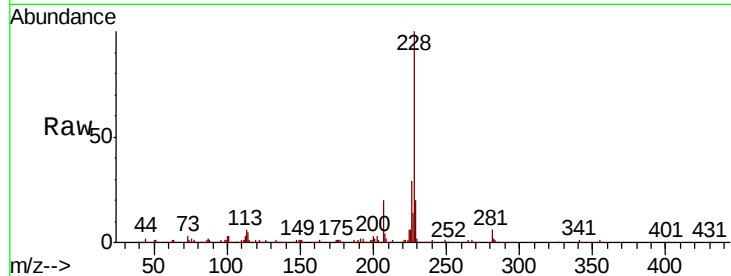
Tot Ion:228 Resp: 283776

Ion Ratio Lower Upper

228 100

226 29.2 25.6 38.4

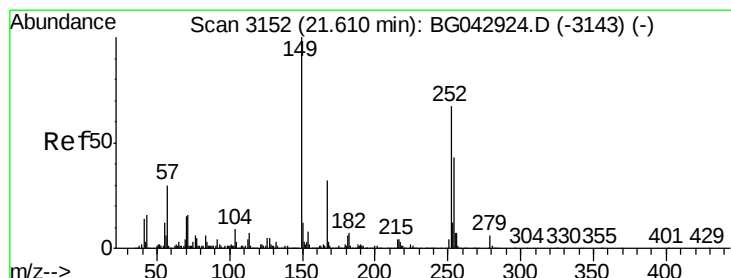
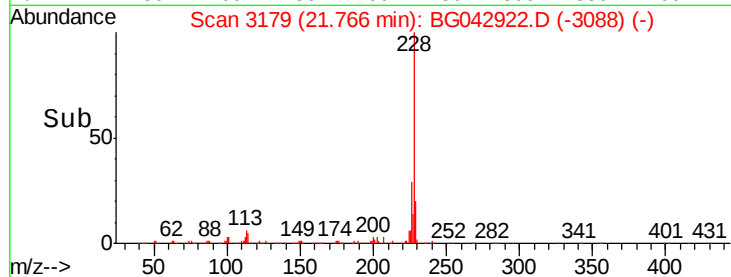
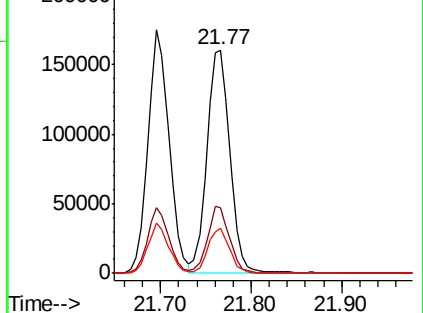
229 20.5 16.9 25.3



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: 9.832 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

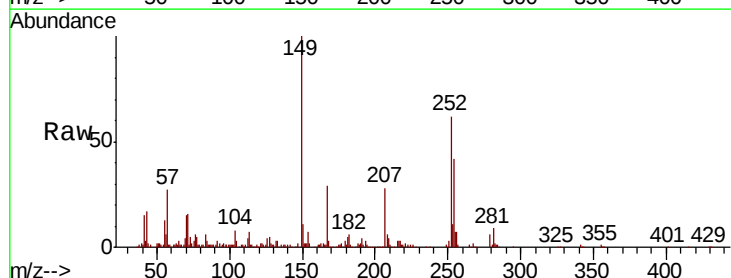
Tgt Ion:149 Resp: 133291

Ion Ratio Lower Upper

149 100

167 28.9 25.4 38.2

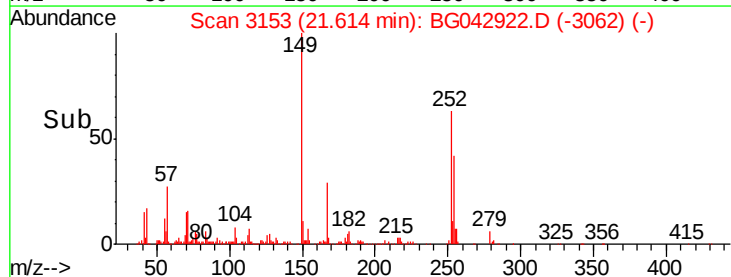
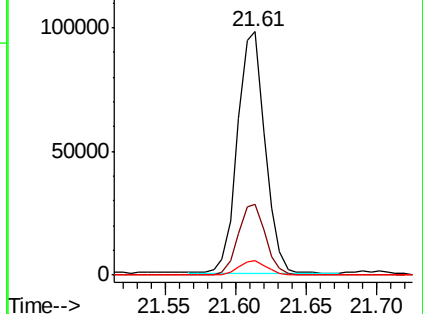
279 5.8 5.1 7.7



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

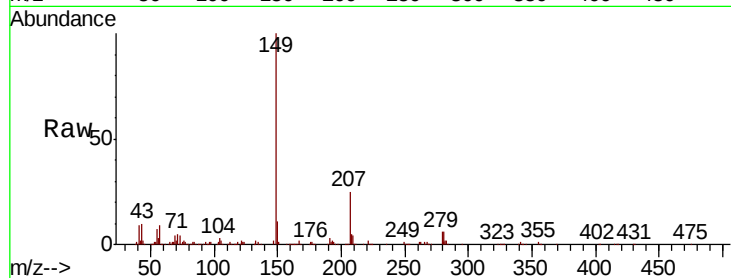




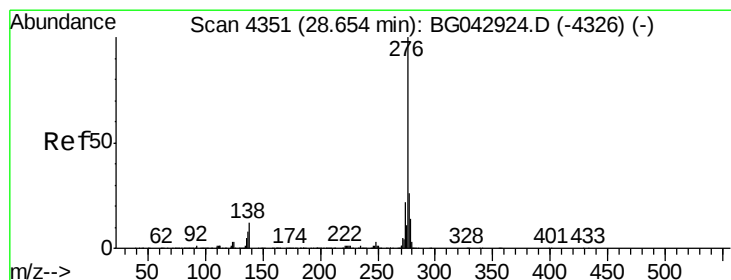
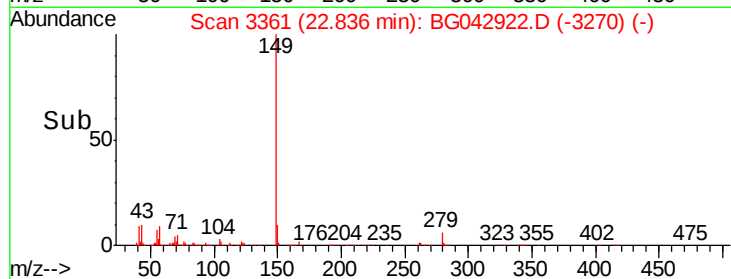
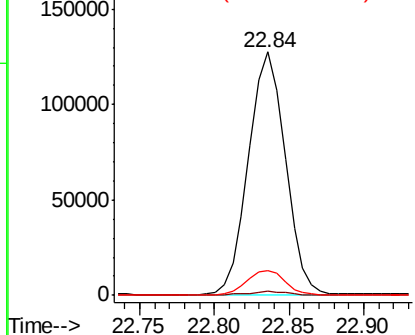
#85
Di-n-octyl phthalate
Concen: 9.735 ng
RT: 22.84 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	10.7	8.7	13.1

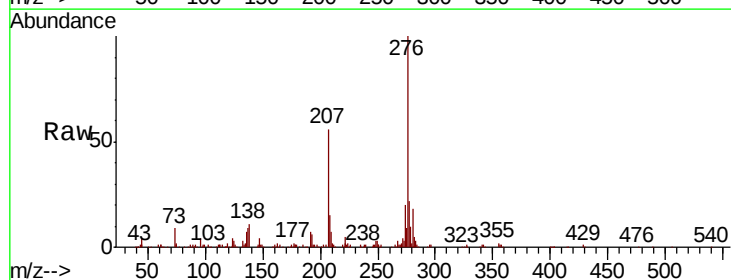


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

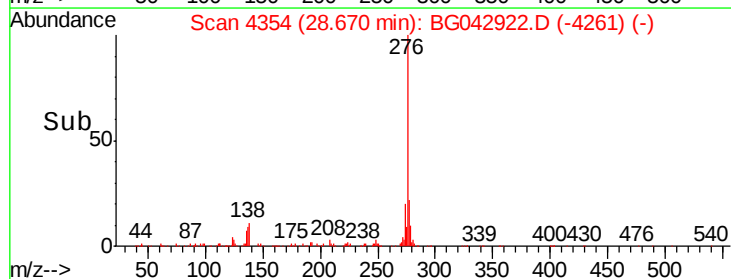
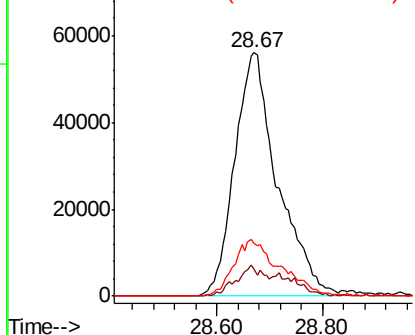


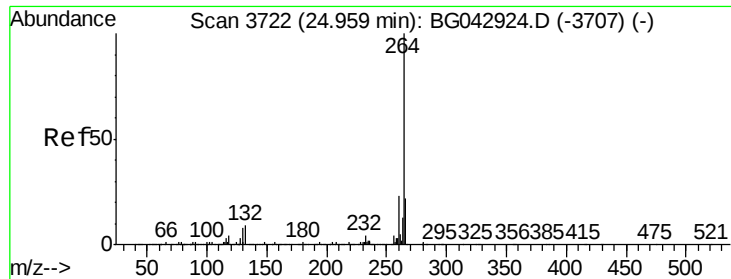
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.255 ng
RT: 28.67 min Scan# 4354
Delta R.T. 0.02 min
Lab File: BG042922.D
Acq: 25 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.2	7.0	10.6
277	24.9	20.9	31.3



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. 0.01 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

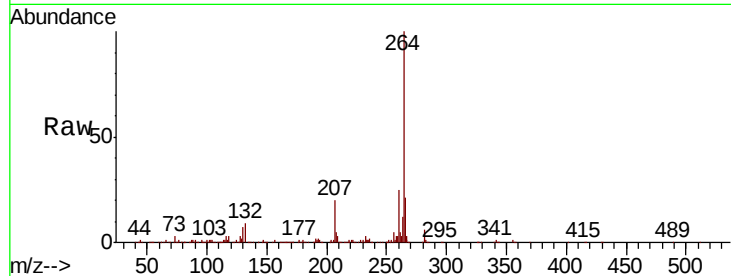
Tot Ion:264 Resp: 472449

Ion Ratio Lower Upper

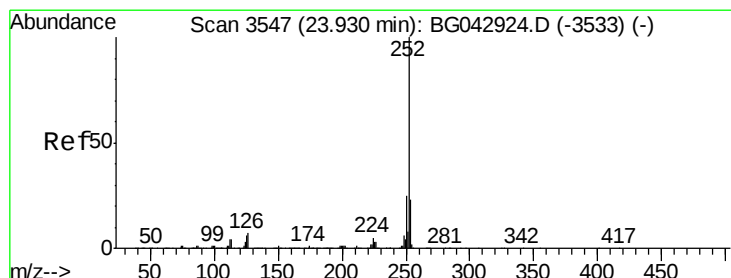
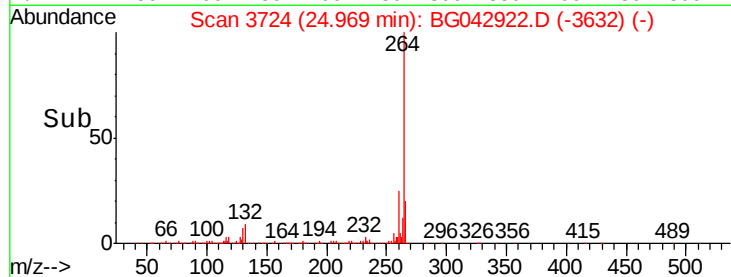
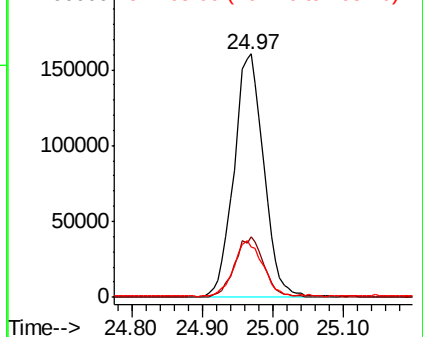
264 100

260 24.7 18.7 28.1

265 20.9 17.7 26.5



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: 10.424 ng

RT: 23.93 min Scan# 3548

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

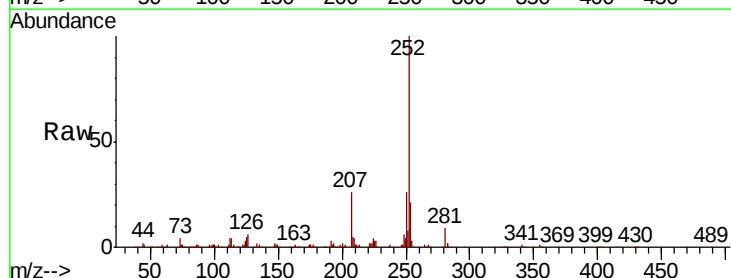
Tgt Ion:252 Resp: 280437

Ion Ratio Lower Upper

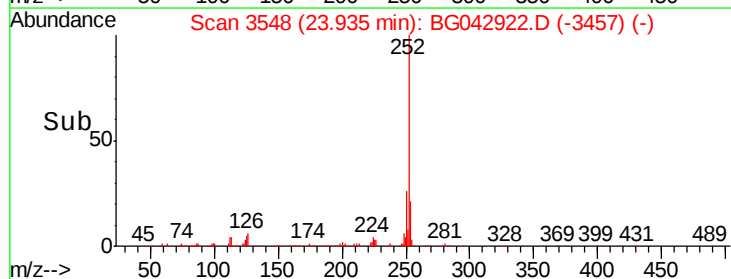
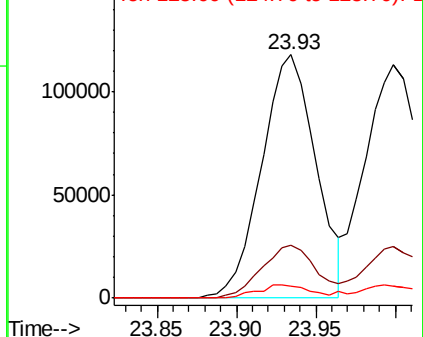
252 100

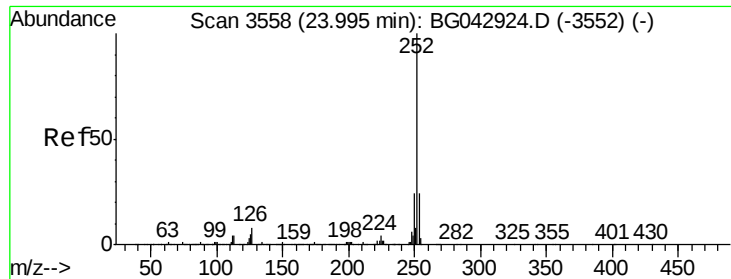
253 21.5 18.2 27.2

125 4.9 4.6 7.0



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: 11.073 ng

RT: 24.00 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

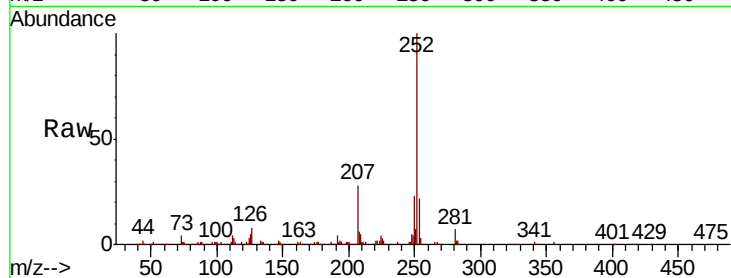
Tot Ion:252 Resp: 287785

Ion Ratio Lower Upper

252 100

253 22.1 18.9 28.3

125 5.0 4.5 6.7

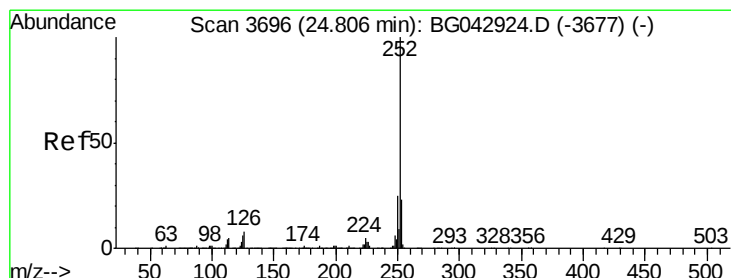
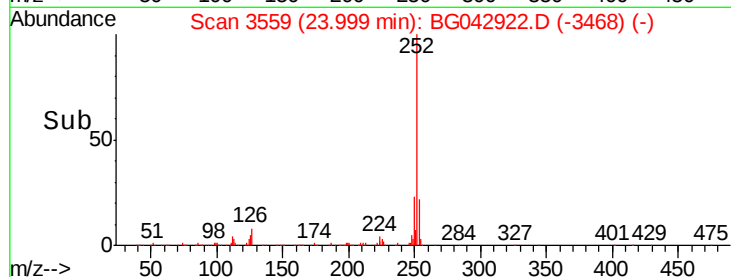
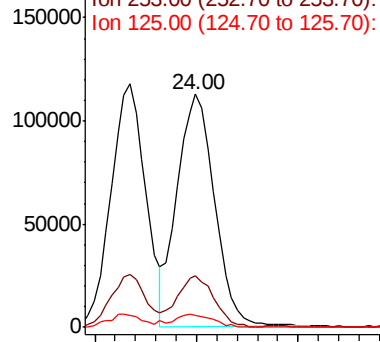


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 10.375 ng

RT: 24.81 min Scan# 3697

Delta R.T. 0.00 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

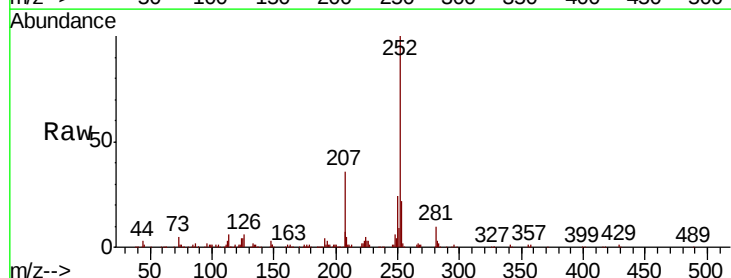
Tgt Ion:252 Resp: 262889

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

125 4.0 5.0 7.6#

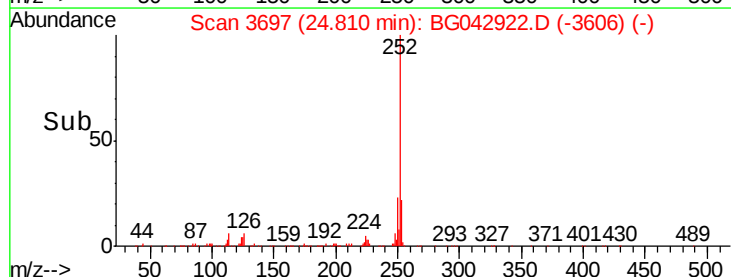
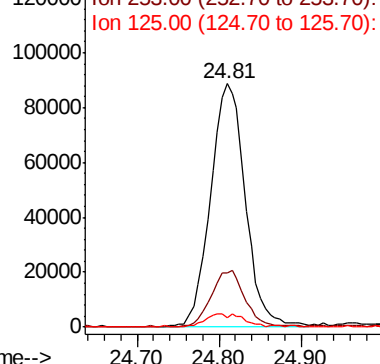


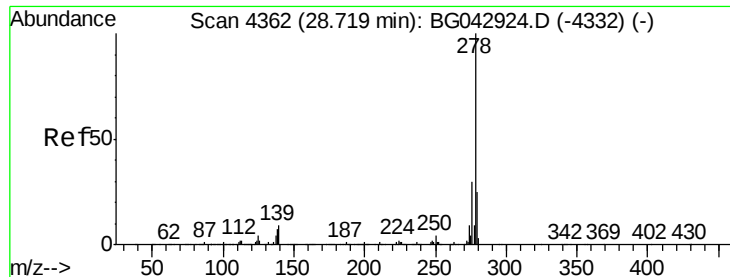
Abundance

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: 10.273 ng

RT: 28.73 min Scan# 4364

Delta R.T. 0.01 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

Instrument :

BNA_G

ClientSampleId :

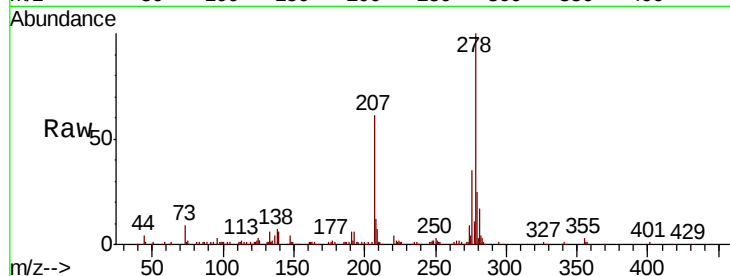
Tot Ion:278 Resp: 264318

Ion Ratio Lower Upper

278 100

139 5.8 6.8 10.2#

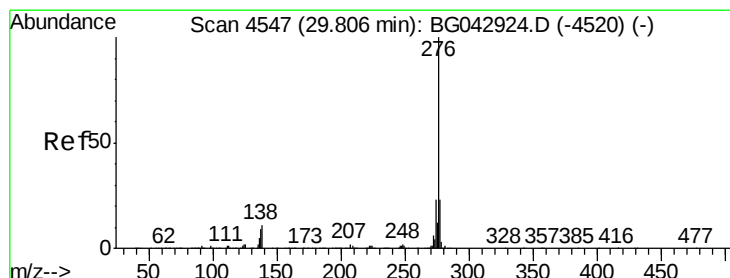
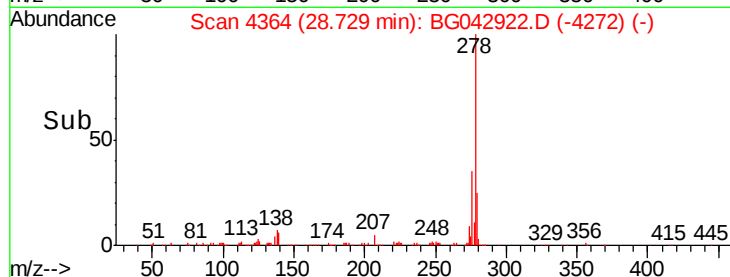
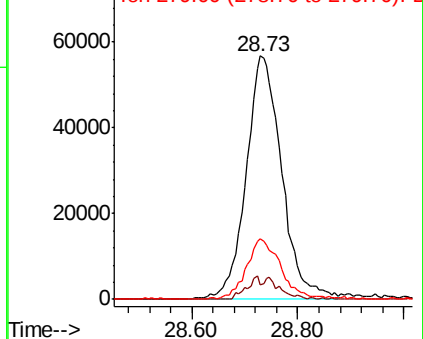
279 24.7 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 10.471 ng

RT: 29.82 min Scan# 4550

Delta R.T. 0.02 min

Lab File: BG042922.D

Acq: 25 Sep 2019 10:52

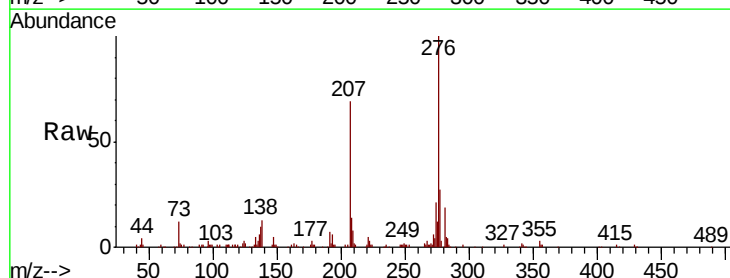
Tgt Ion:276 Resp: 260589

Ion Ratio Lower Upper

276 100

277 27.2 18.4 27.6

138 12.5 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

