

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041813.D
 Acq On : 30 Jul 2019 22:31
 Operator : HP/JU
 Sample : K3622-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

Quant Time: Jul 31 01:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83284	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	301391	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	201160	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	517430	20.00	ng	0.00
76) Chrysene-d12	21.73	240	687312	20.00	ng	0.00
87) Perylene-d12	25.01	264	779668	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	509456	119.02	ng	0.00
7) Phenol-d6	7.19	99	591756	102.54	ng	0.00
23) Nitrobenzene-d5	9.21	82	493052	112.58	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	396640	173.59	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1247274	109.36	ng	0.00
79) Terphenyl-d14	20.06	244	2557575	85.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	7607	3.776	ng	# 1
3) Pyridine	3.88	79	17784	3.219	ng	90
4) n-Nitrosodimethylamine	3.78	42	7889	3.602	ng	# 75
8) 2-Chlorophenol	7.60	128	17963	3.665	ng	93
9) Benzaldehyde	7.17	77	13062	3.217	ng	95
10) Phenol	7.21	94	22066	3.675	ng	88
11) bis(2-Chloroethyl)ether	7.46	93	16214	3.285	ng	89
12) 1,3-Dichlorobenzene	7.94	146	22889	3.578	ng	96
13) 1,4-Dichlorobenzene	8.08	146	21903	3.422	ng	97
14) 1,2-Dichlorobenzene	8.40	146	20577	3.369	ng	97
15) Benzyl Alcohol	8.28	79	12333	2.716	ng	84
16) 2,2'-oxybis(1-Chloropropan	8.57	45	25206	2.870	ng	96
17) 2-Methylphenol	8.48	107	13734	3.145	ng	96
18) Hexachloroethane	9.14	117	7624	3.478	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	12317	2.940	ng	# 88
20) 3+4-Methylphenols	8.81	107	18230	3.051	ng	94
22) Acetophenone	8.87	105	28094	4.167	ng	# 92
24) Nitrobenzene	9.25	77	18948	4.107	ng	# 92
25) Isophorone	9.78	82	32467	3.408	ng	96
26) 2-Nitrophenol	9.97	139	9058	4.230	ng	93
27) 2,4-Dimethylphenol	10.02	122	13250	3.506	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	20219	3.396	ng	98
29) 2,4-Dichlorophenol	10.51	162	17439	3.789	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	20807	3.565	ng	98
31) Naphthalene	10.92	128	59420	4.308	ng	94
32) Benzoic acid	10.17	122	498	8.879	ng	# 44
34) Hexachlorobutadiene	11.22	225	14602	3.707	ng	97
35) Caprolactam	11.77	113	5616	3.511	ng	# 85
36) 4-Chloro-3-methylphenol	12.14	107	17747	3.889	ng	98
37) 2-Methylnaphthalene	12.53	142	42363	3.880	ng	98
38) 1-Methylnaphthalene	12.74	142	38986	3.768	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	26341	4.137	ng	# 97
41) Hexachlorocyclopentadiene	12.88	237	9949	2.779	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	13177	3.274	ng	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041813.D
 Acq On : 30 Jul 2019 22:31
 Operator : HP/JU
 Sample : K3622-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

Quant Time: Jul 31 01:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.20	196	14088	3.369	ng	94
46) 1,1'-Biphenyl	13.53	154	53945	4.172	ng	91
47) 2-Chloronaphthalene	13.57	162	41934	3.809	ng	95
48) 2-Nitroaniline	13.77	65	10498	3.760	ng	92
49) Acenaphthylene	14.42	152	67540	4.101	ng	94
50) Dimethylphthalate	14.15	163	65980	4.803	ng	97
51) 2,6-Dinitrotoluene	14.26	165	10963	3.816	ng	92
52) Acenaphthene	14.76	154	40448	3.776	ng	99
54) 2,4-Dinitrophenol	14.82	184	416	3.586	ng	94
55) Dibenzofuran	15.10	168	68867	4.204	ng	90
56) 4-Nitrophenol	14.89	139	6679	2.863	ng	96
57) 2,4-Dinitrotoluene	15.05	165	14848	3.758	ng #	94
58) Fluorene	15.75	166	57398	4.366	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.32	232	13037	3.147	ng #	93
60) Diethylphthalate	15.51	149	54278	4.024	ng	96
61) 4-Chlorophenyl-phenylether	15.74	204	30092	3.749	ng	99
62) 4-Nitroaniline	15.75	138	13066	3.925	ng	95
63) Azobenzene	16.03	77	42233	3.833	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	3770	8.128	ng	93
66) n-Nitrosodiphenylamine	15.95	169	50784	3.603	ng	91
67) 4-Bromophenyl-phenylether	16.64	248	20723	3.251	ng	97
68) Hexachlorobenzene	16.76	284	21893	3.283	ng	94
71) Phenanthrene	17.49	178	106736	4.304	ng #	92
72) Anthracene	17.59	178	103374	4.179	ng #	90
73) Carbazole	17.85	167	107363	4.836	ng #	88
74) Di-n-butylphthalate	18.41	149	118253	4.698	ng #	93
75) Fluoranthene	19.50	202	158356	5.253	ng	88
77) Benzidine	20.06	184	45481	2.027	ng #	92
78) Pvrene	19.86	202	166656	4.093	ng #	86
80) Butylbenzylphthalate	20.75	149	59809	3.831	ng	93
81) Benzo(a)anthracene	21.78	228	165907	4.080	ng	91
83) Chrysene	21.78	228	165907	4.256	ng #	87
84) Bis(2-ethylhexyl)phthalate	21.63	149	85315	3.961	ng #	89
85) Di-n-octyl phthalate	22.87	149	138786	3.829	ng #	93
86) Indeno(1,2,3-cd)pvrene	28.73	276	182819	3.543	ng #	90
88) Benzo(b)fluoranthene	23.97	252	166511	3.904	ng #	91
89) Benzo(k)fluoranthene	24.03	252	165077	3.973	ng #	93
90) Benzo(a)pyrene	24.85	252	157541	3.851	ng #	94
91) Dibenzo(a,h)anthracene	28.80	278	151173	3.764	ng #	92
92) Benzo(g,h,i)perylene	29.89	276	149786	3.733	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

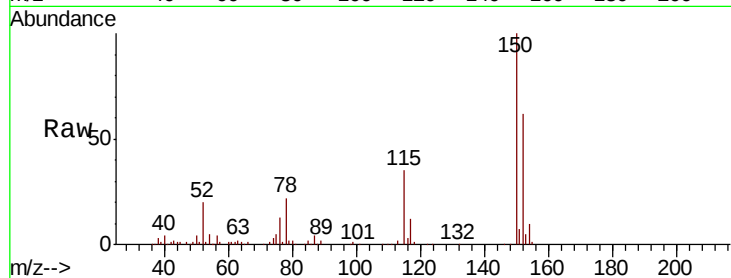
Tot Ion:152 Resp: 83284

Ion Ratio Lower Upper

152 100

150 161.7 126.9 190.3

115 56.0 45.0 67.6

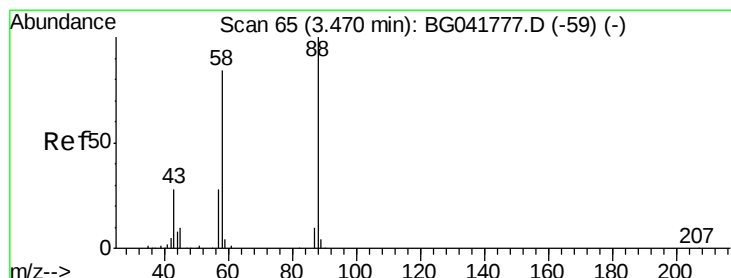
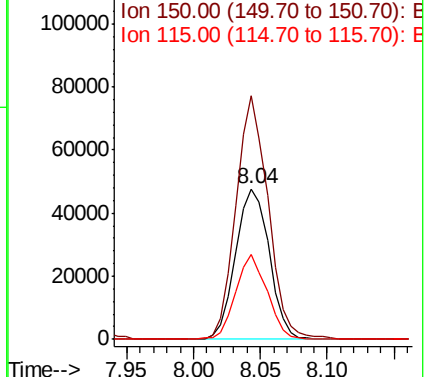
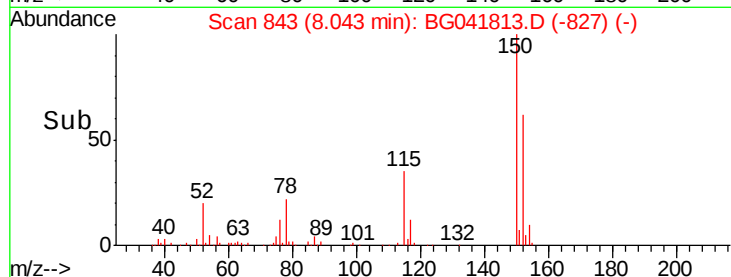


Abundance

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: 3.776 ng

RT: 3.47 min Scan# 65

Delta R.T. 0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

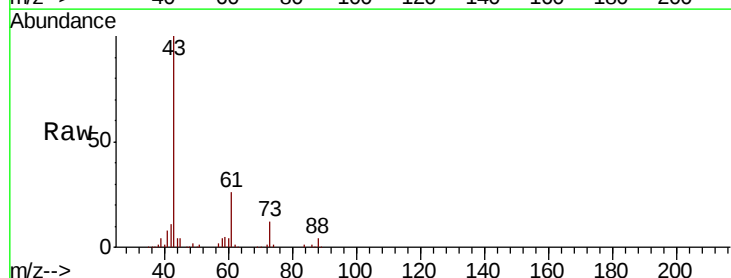
Tgt Ion: 88 Resp: 7607

Ion Ratio Lower Upper

88 100

58 96.2 76.2 114.2

43 2329.1 27.2 40.8#

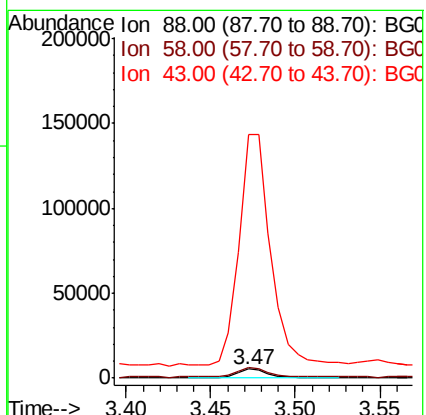
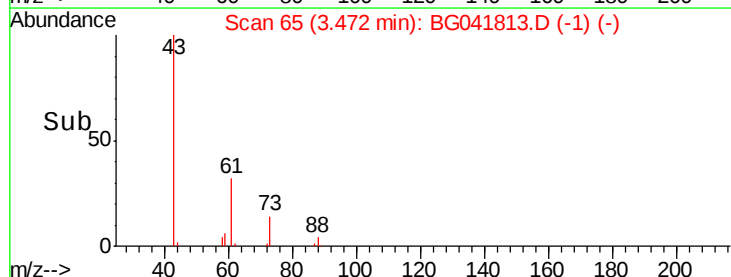


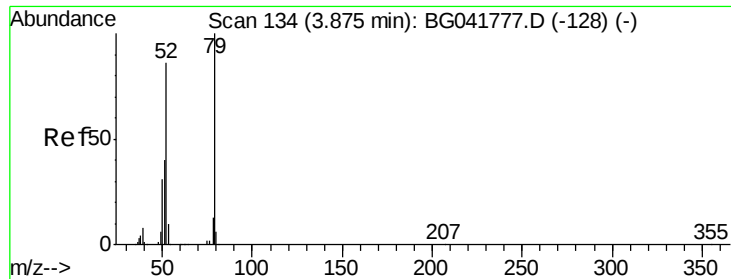
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

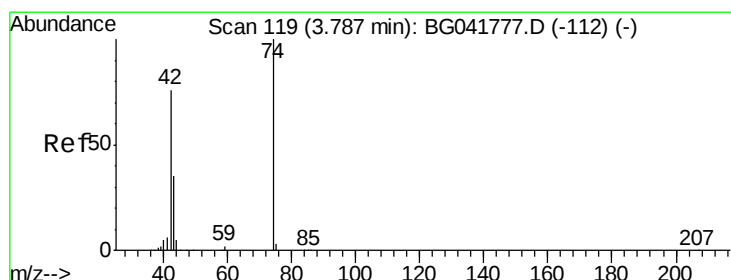
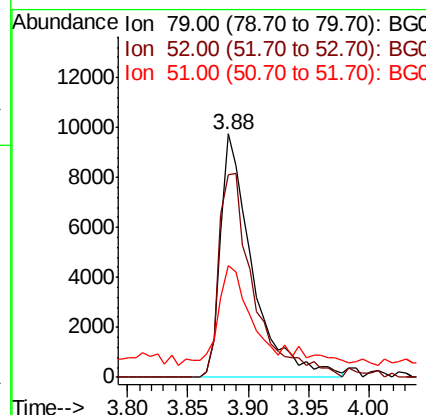
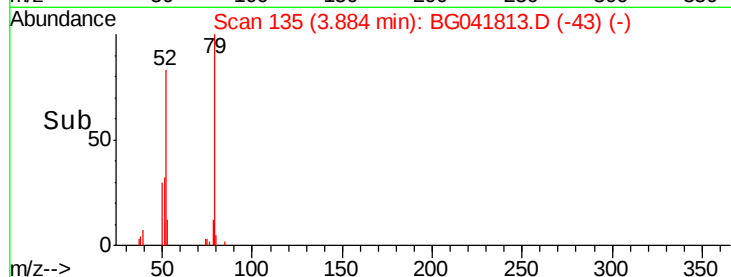
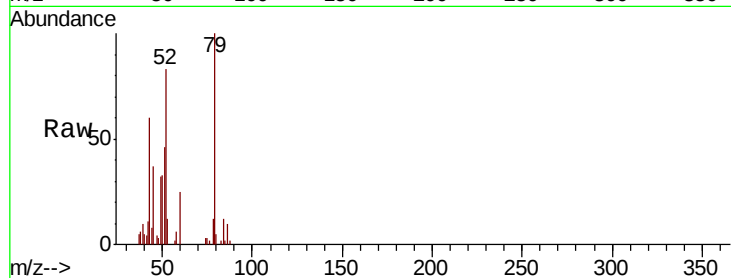




#3
 Pvridine
 Concen: 3.219 ng
 RT: 3.88 min Scan# 135
 Delta R.T. 0.01 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

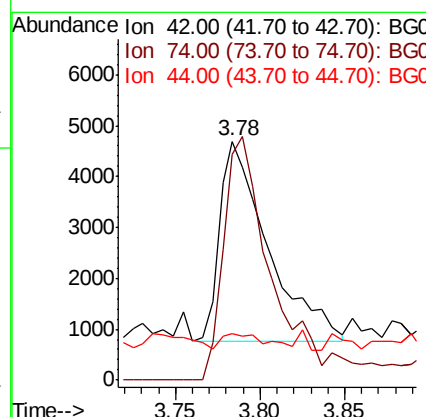
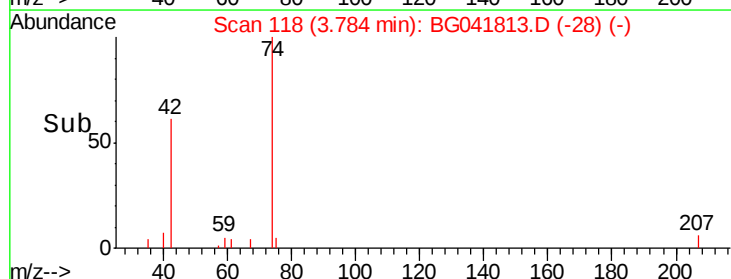
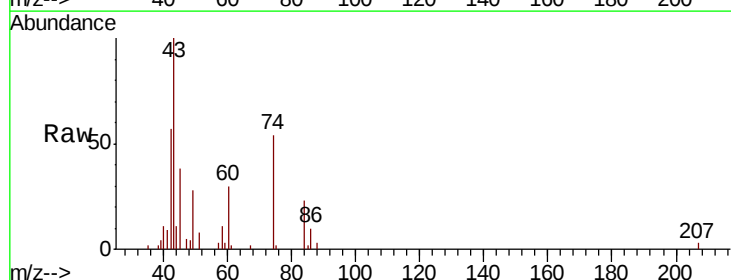
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

Tot Ion: 79 Resp: 17784
 Ion Ratio Lower Upper
 79 100
 52 83.1 77.1 115.7
 51 45.7 37.8 56.8



#4
 n-Nitrosodimethylamine
 Concen: 3.602 ng
 RT: 3.78 min Scan# 118
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Tgt Ion: 42 Resp: 7889
 Ion Ratio Lower Upper
 42 100
 74 94.3 97.4 146.2#
 44 19.7 6.6 9.8#





#5

2-Fluorophenol

Concen: 119.015 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

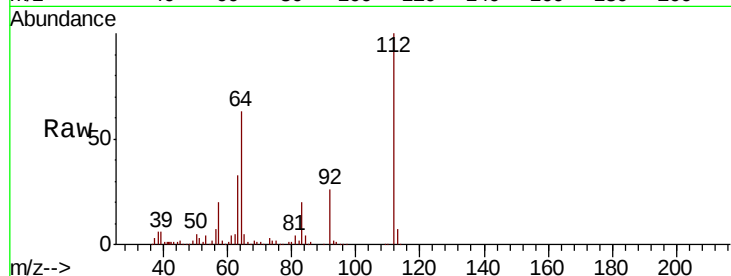
Tot Ion:112 Resp: 509456

Ion Ratio Lower Upper

112 100

64 62.9 55.4 83.2

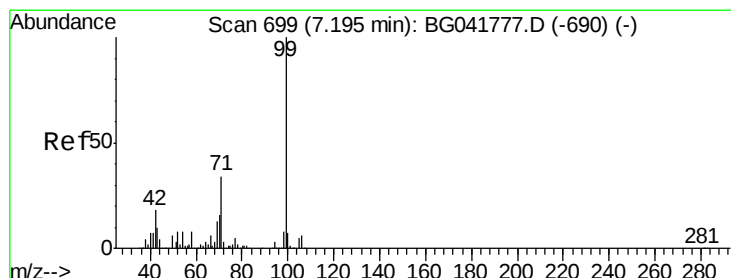
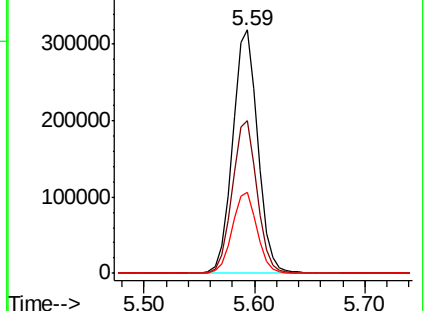
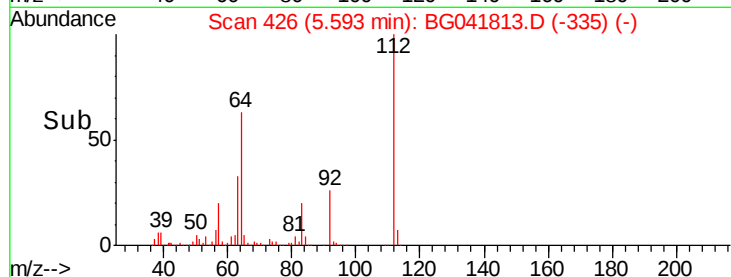
63 33.2 29.1 43.7



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



#7

Phenol-d6

Concen: 102.541 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

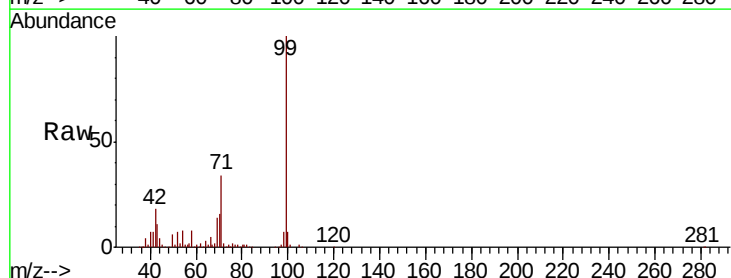
Tgt Ion: 99 Resp: 591756

Ion Ratio Lower Upper

99 100

42 18.4 17.6 26.4

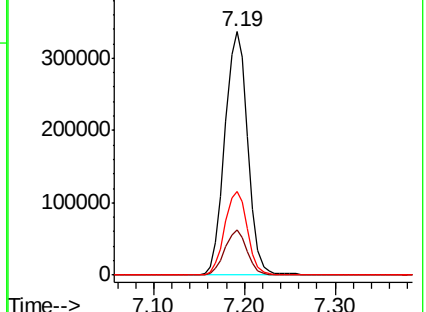
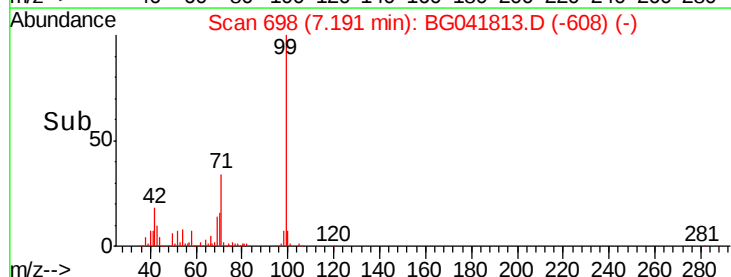
71 34.5 27.8 41.6

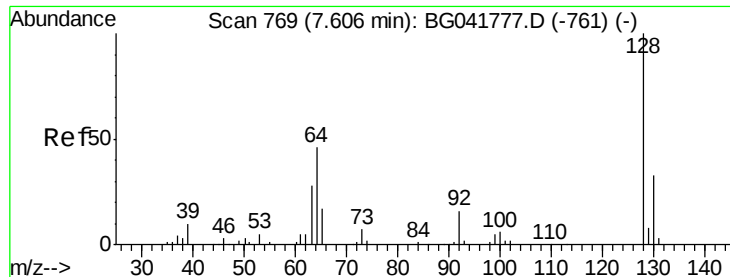


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 3.665 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

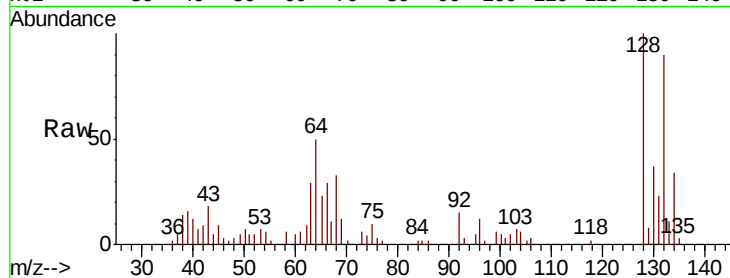
Tot Ion:128 Resp: 17963

Ion Ratio Lower Upper

128 100

130 37.3 12.4 52.4

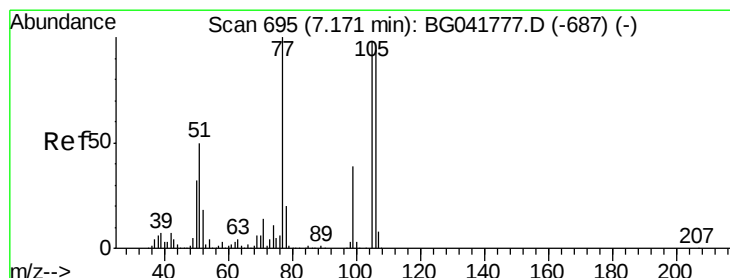
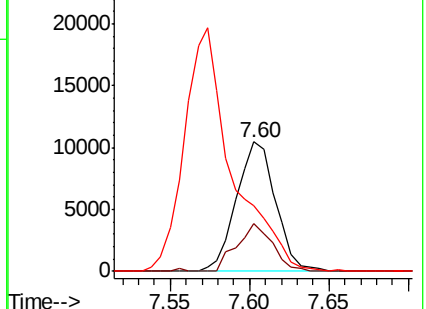
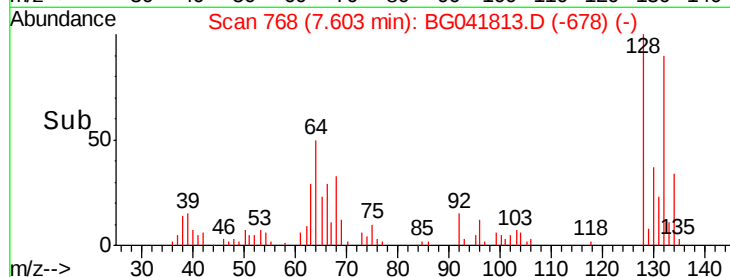
64 50.4 34.9 74.9



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 3.217 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

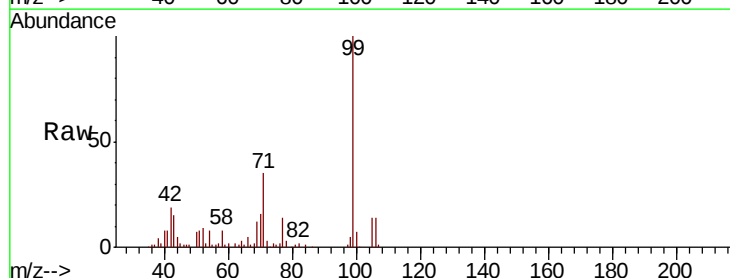
Tgt Ion: 77 Resp: 13062

Ion Ratio Lower Upper

77 100

105 96.7 74.6 114.6

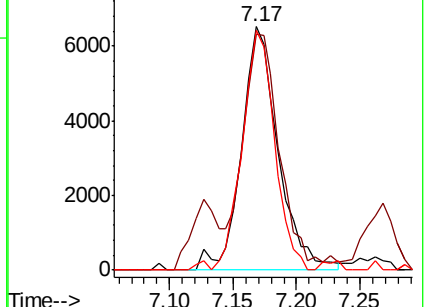
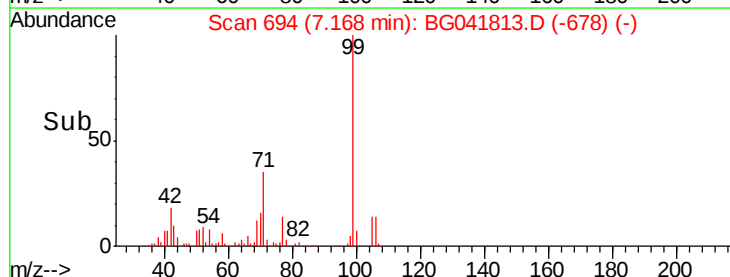
106 98.5 71.1 111.1

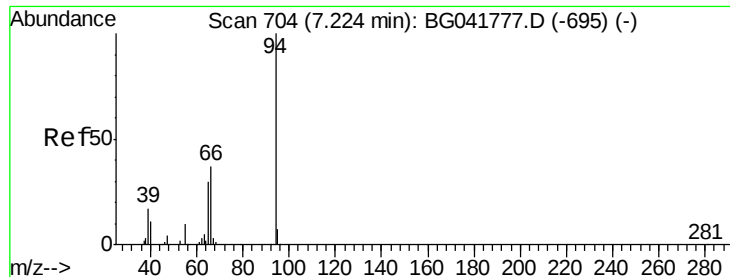


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.675 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

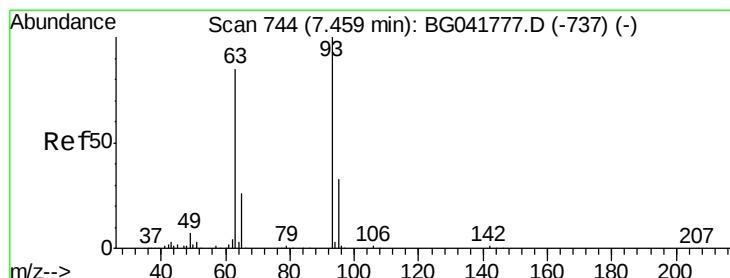
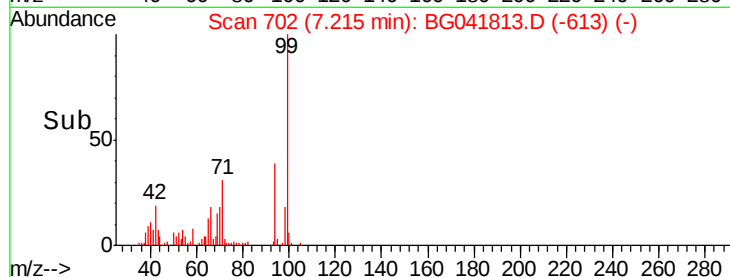
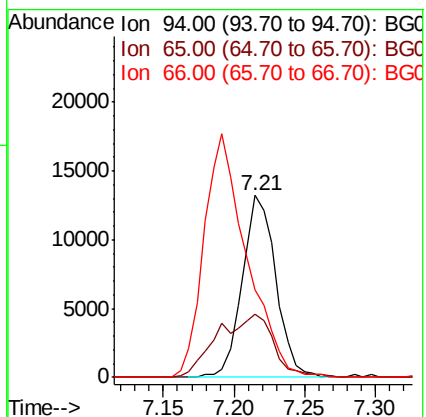
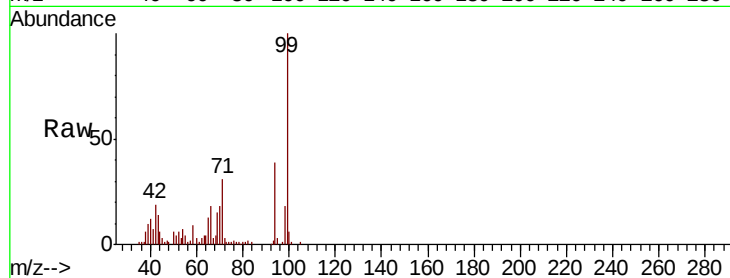
Tot Ion: 94 Resp: 22066

Ion Ratio Lower Upper

94 100

65 34.8 10.6 50.6

66 47.8 18.2 58.2



#11

bis(2-Chloroethyl)ether

Concen: 3.285 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

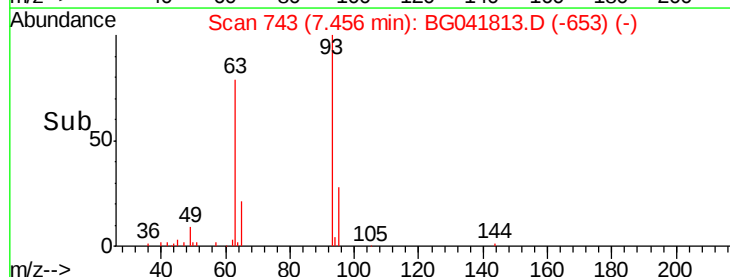
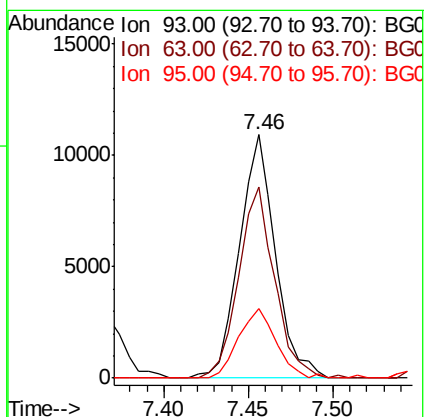
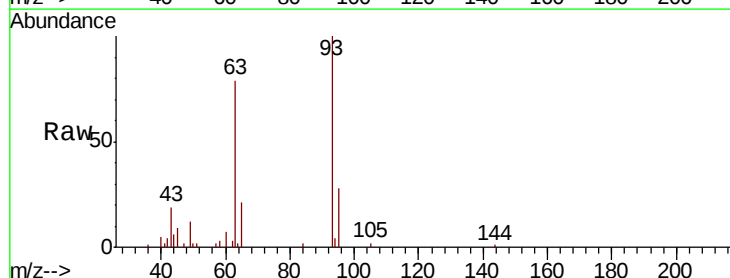
Tgt Ion: 93 Resp: 16214

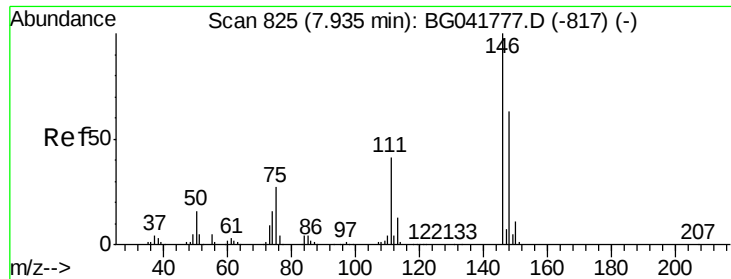
Ion Ratio Lower Upper

93 100

63 78.6 70.4 110.4

95 28.3 12.8 52.8

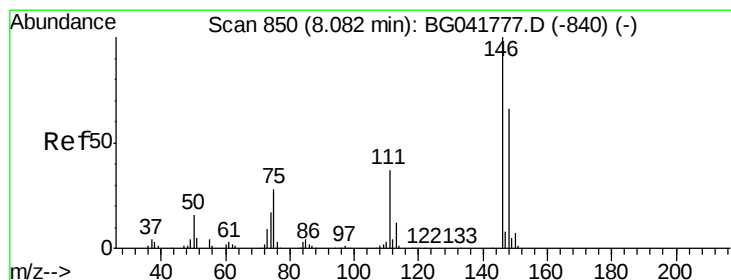
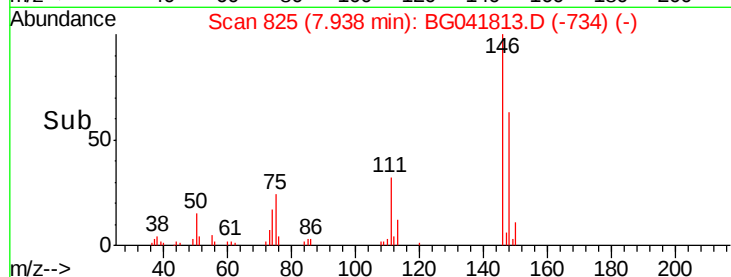
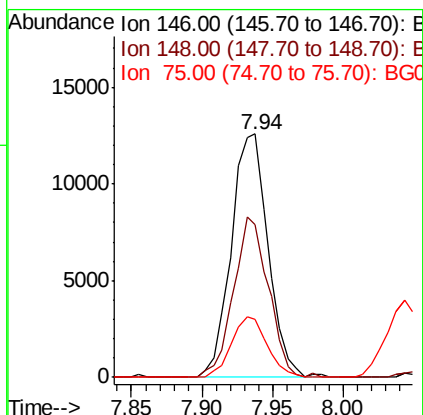
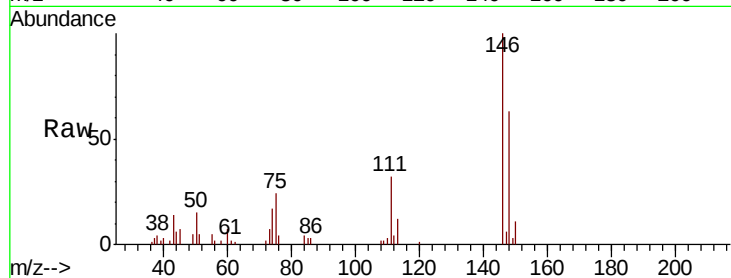




#12
 1,3-Dichlorobenzene
 Concen: 3.578 ng
 RT: 7.94 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

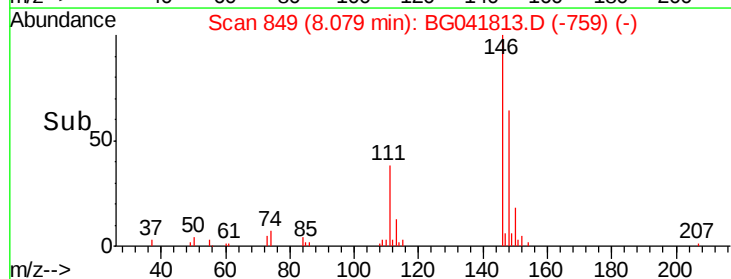
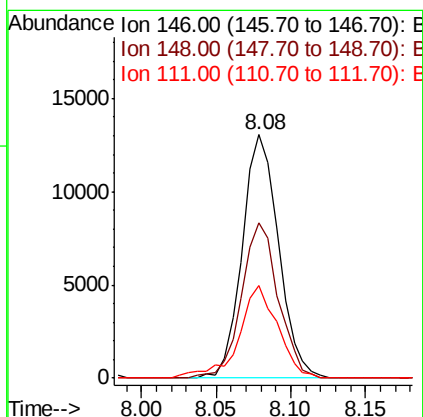
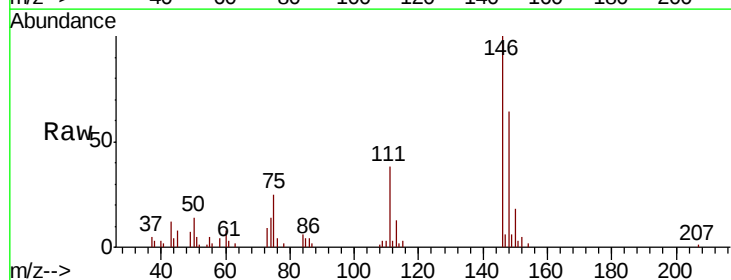
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

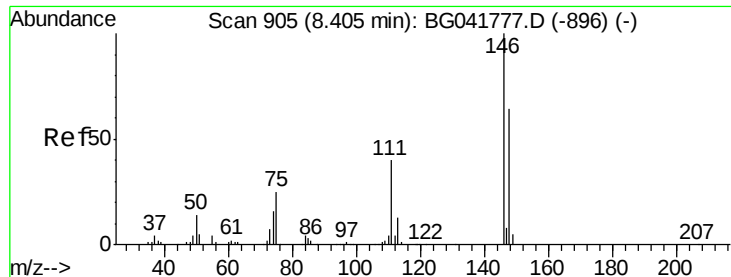
Tot Ion:146 Resp: 22889
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.5 77.3
 75 24.0 23.2 34.8



#13
 1,4-Dichlorobenzene
 Concen: 3.422 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Tgt Ion:146 Resp: 21903
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.6 79.0
 111 38.0 32.5 48.7





#14

1,2-Dichlorobenzene

Concen: 3.369 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

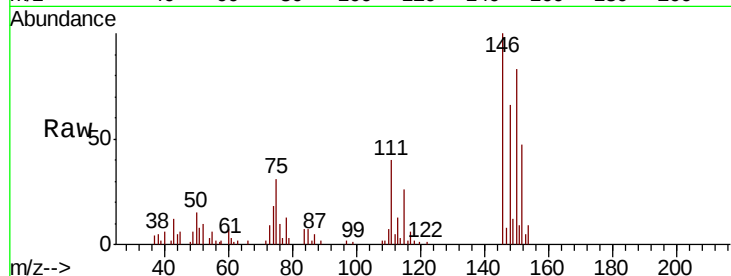
Tot Ion:146 Resp: 20577

Ion Ratio Lower Upper

146 100

148 66.2 53.5 80.3

111 39.8 35.4 53.0

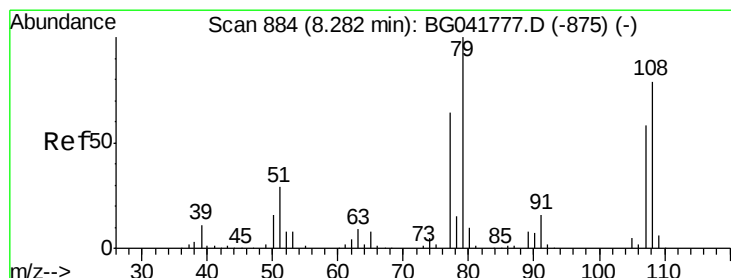
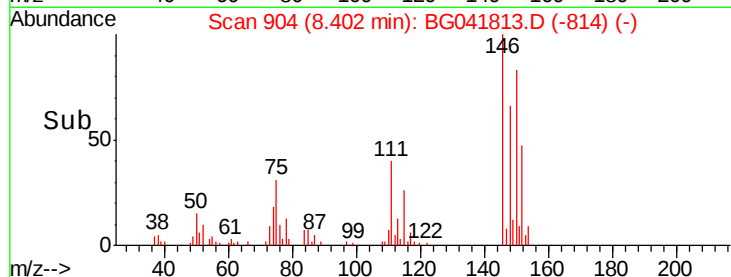
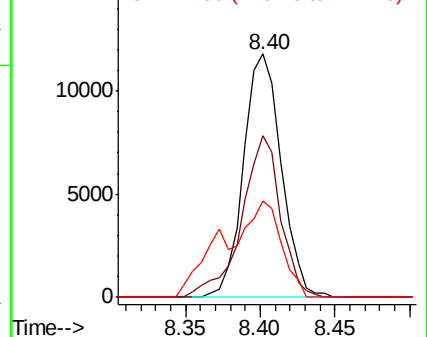


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 2.716 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

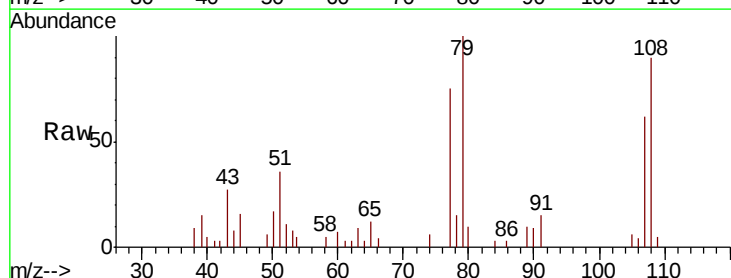
Tgt Ion: 79 Resp: 12333

Ion Ratio Lower Upper

79 100

108 90.0 60.5 90.7

77 74.6 50.6 75.8

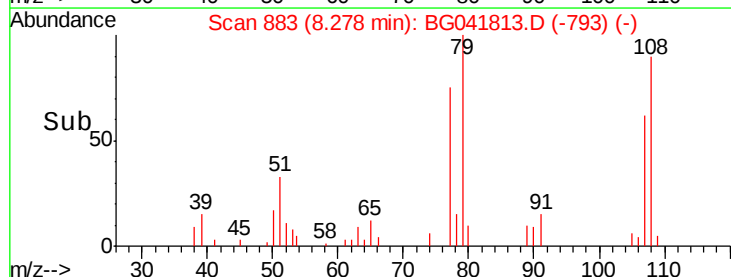
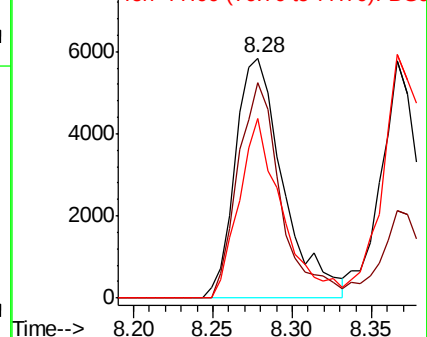


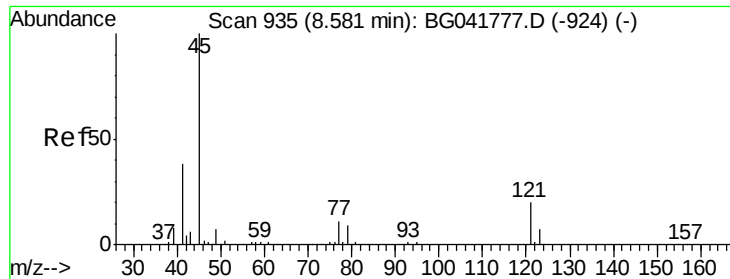
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

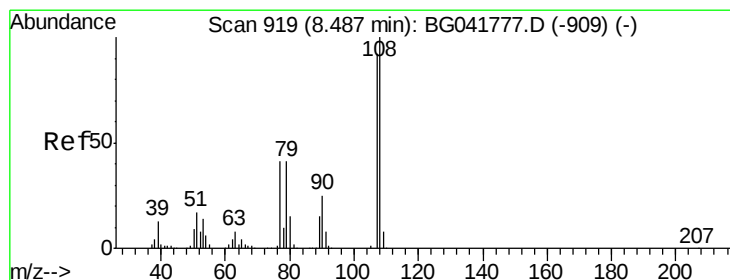
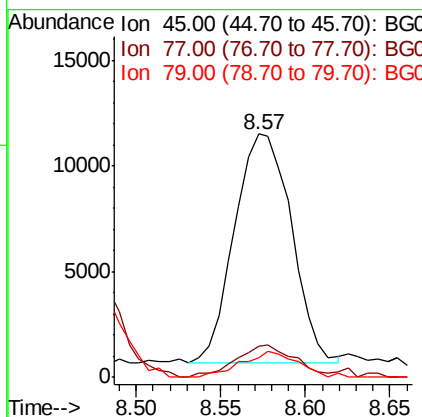
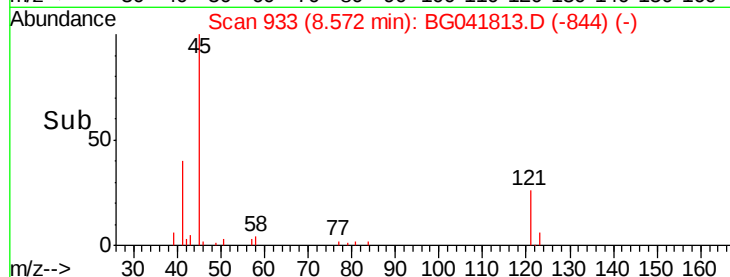
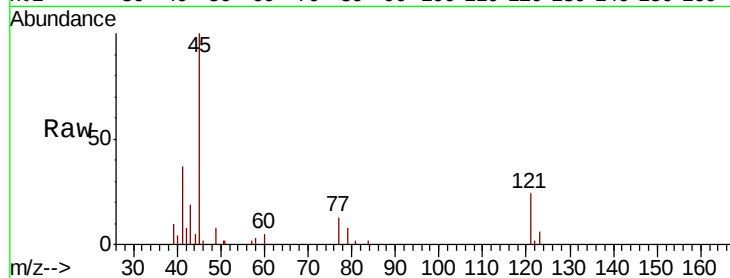




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 2.870 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

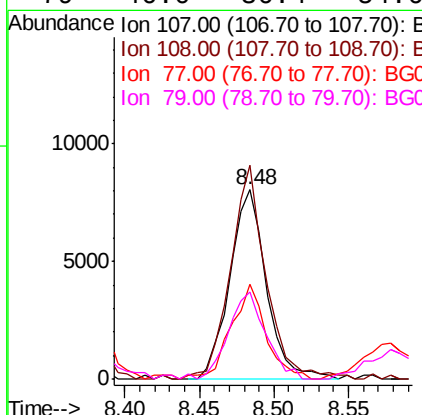
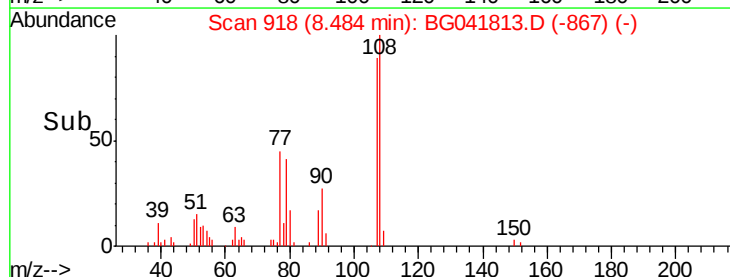
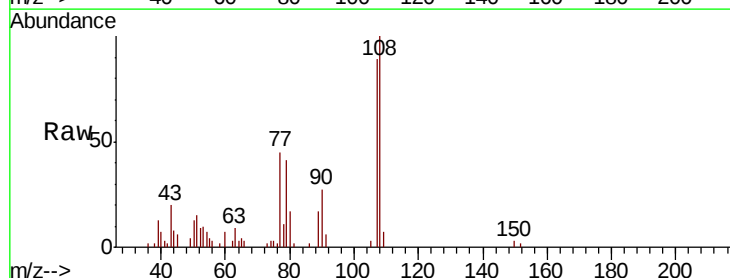
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

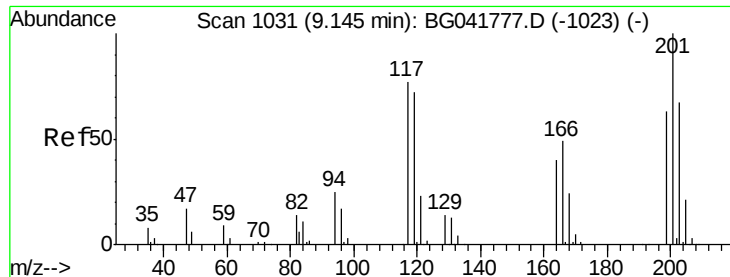
Tot Ion: 45 Resp: 25206
Ion Ratio Lower Upper
45 100
77 12.7 0.0 30.4
79 8.2 0.0 27.9



#17
2-Methylphenol
Concen: 3.145 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion:107 Resp: 13734
Ion Ratio Lower Upper
107 100
108 112.9 87.6 131.4
77 50.2 36.1 54.1
79 46.0 36.4 54.6

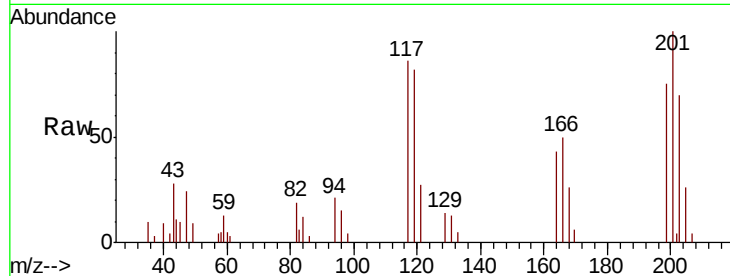




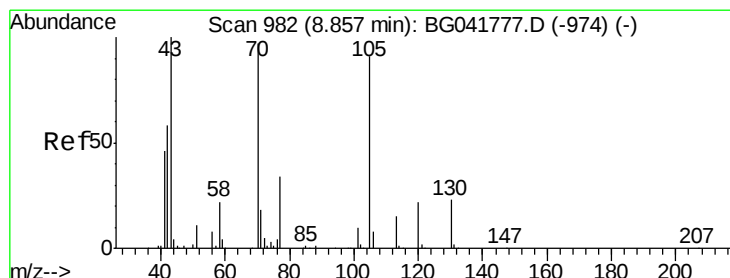
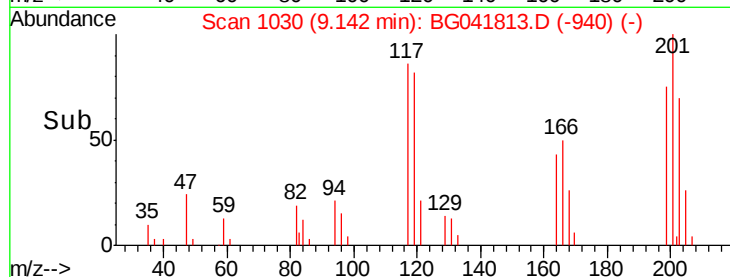
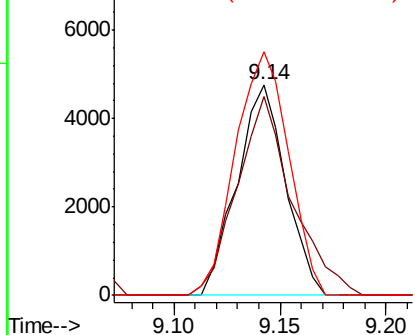
#18
Hexachloroethane
Concen: 3.478 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tot Ion:117 Resp: 7624
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.2
201 115.8 94.1 141.1

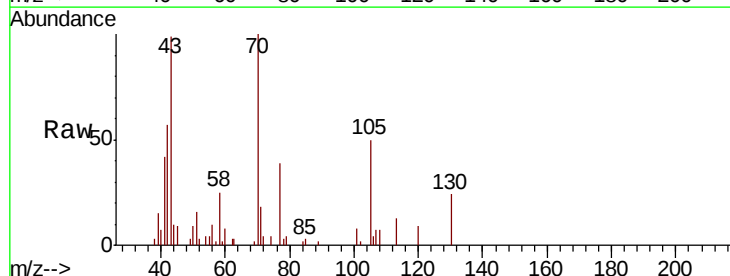


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

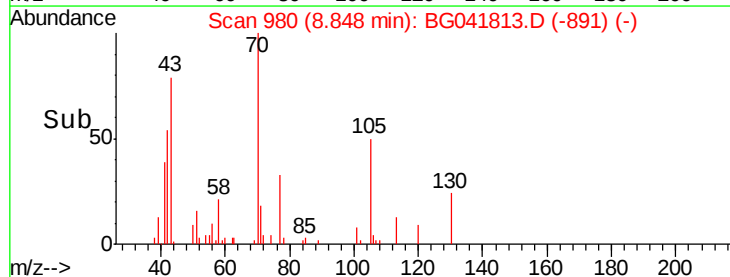
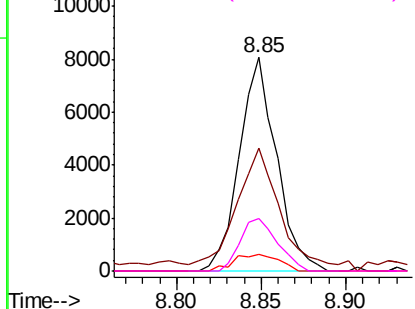


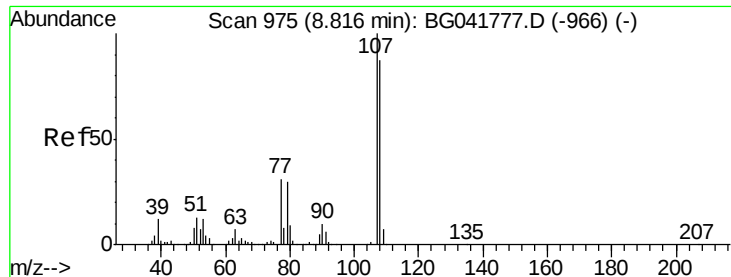
#19
n-Nitroso-di-n-propylamine
Concen: 2.940 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion: 70 Resp: 12317
Ion Ratio Lower Upper
70 100
42 57.5 55.8 83.6
101 7.8 8.1 12.1#
130 24.3 17.3 25.9



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

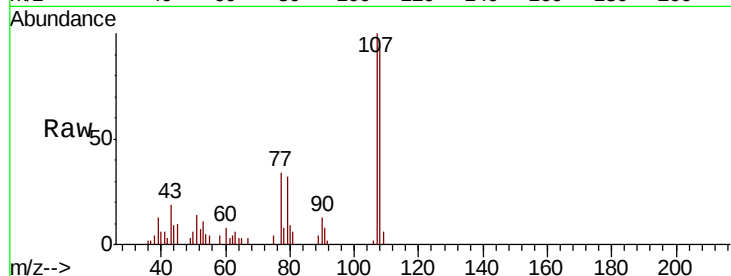




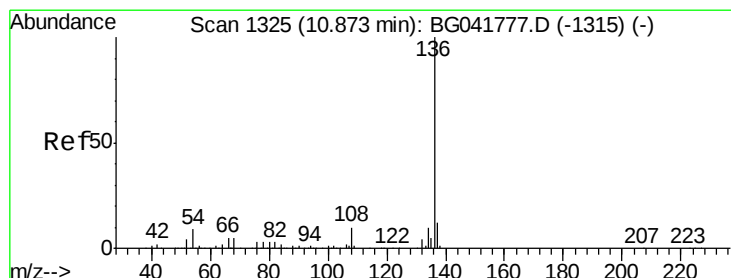
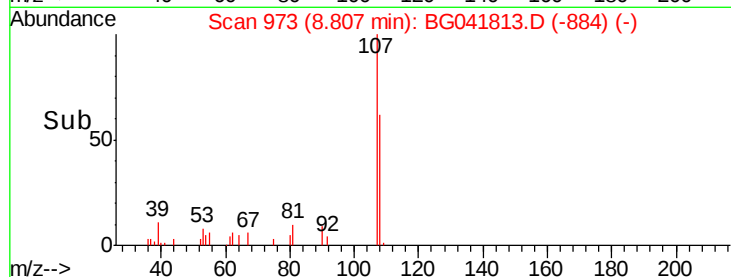
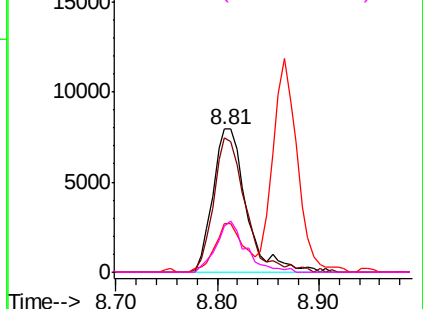
#20
3+4-Methylphenols
Concen: 3.051 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tot Ion:107	Resp:	18230
Ion Ratio	Lower	Upper
107	100	
108	94.3	67.5 107.5
77	34.3	12.3 52.3
79	32.0	8.3 48.3

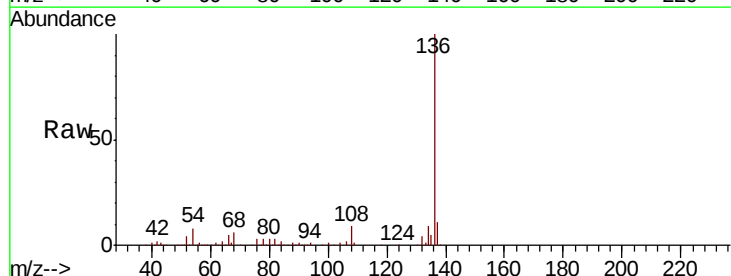


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

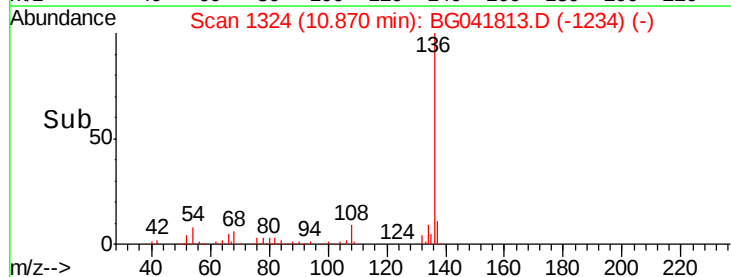
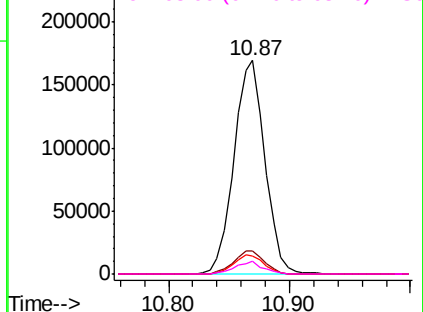


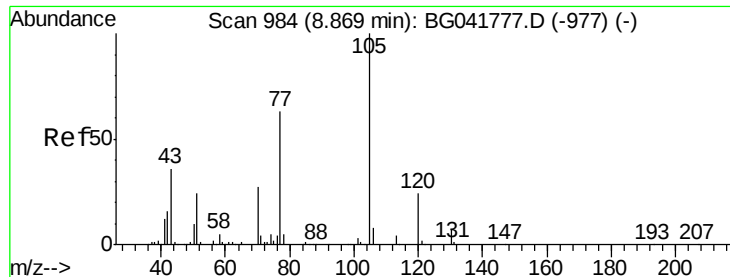
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion:136	Resp:	301391
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	8.4	8.7 13.1#
68	5.8	5.5 8.3



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): BG
Ion 68.00 (67.70 to 68.70): BG

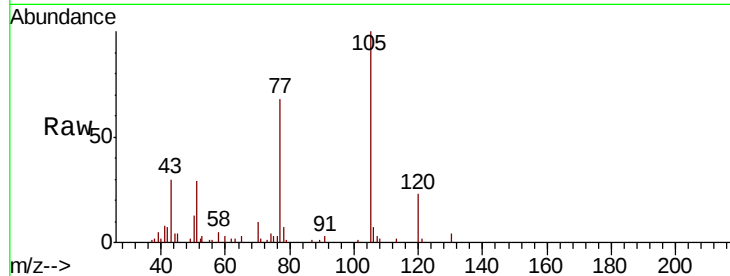




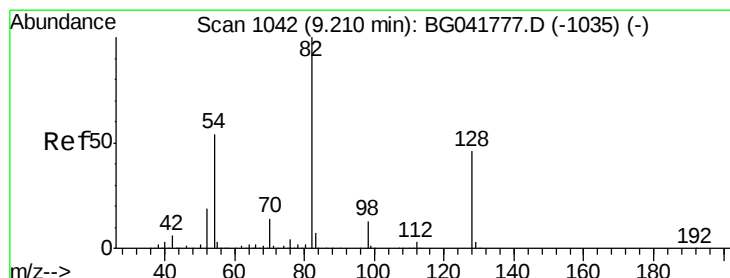
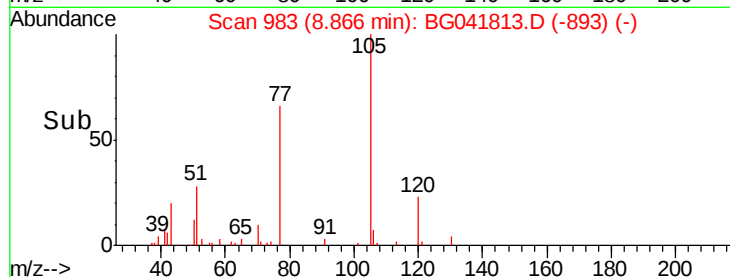
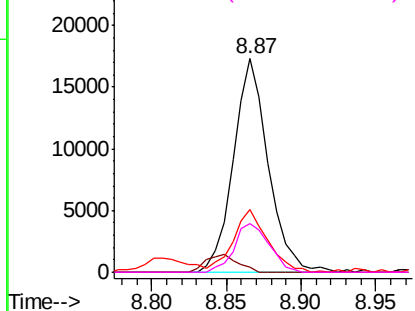
#22
Acetophenone
Concen: 4.167 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tot Ion:105 Resp: 28094
Ion Ratio Lower Upper
105 100
71 2.4 5.9 8.9#
51 29.3 27.7 41.5
120 22.6 19.3 28.9

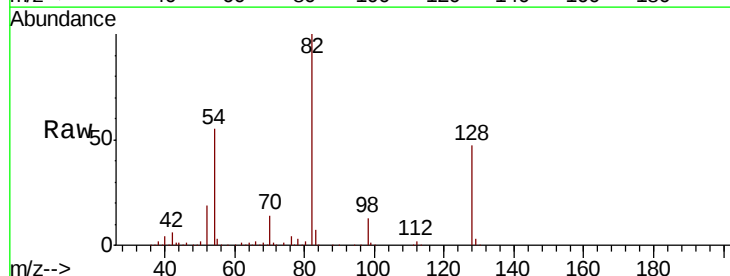


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

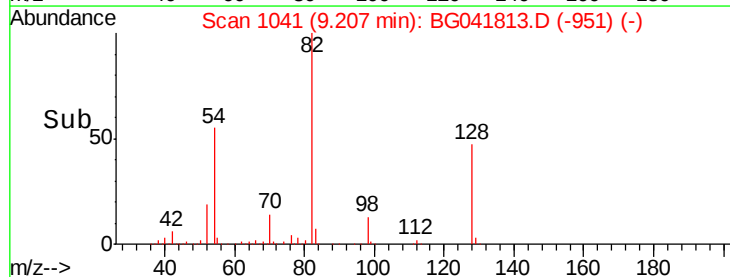
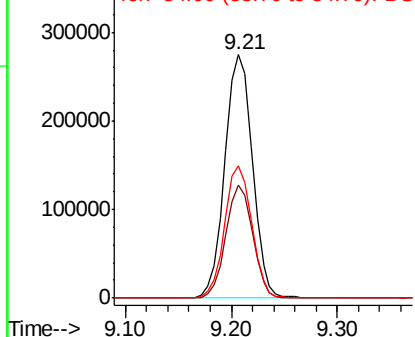


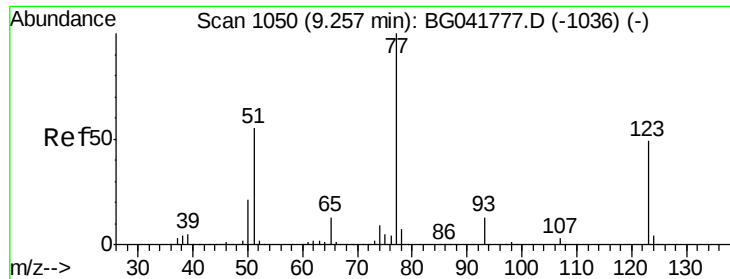
#23
Nitrobenzene-d5
Concen: 112.578 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion: 82 Resp: 493052
Ion Ratio Lower Upper
82 100
128 46.7 35.1 52.7
54 54.5 48.7 73.1



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

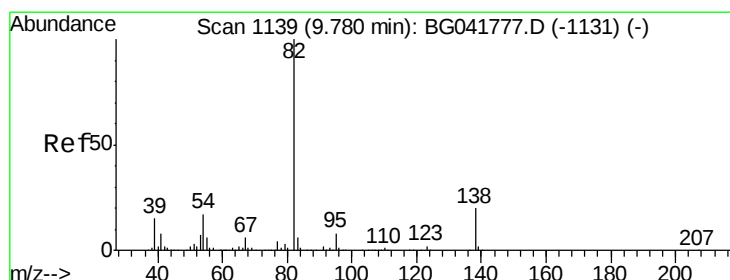
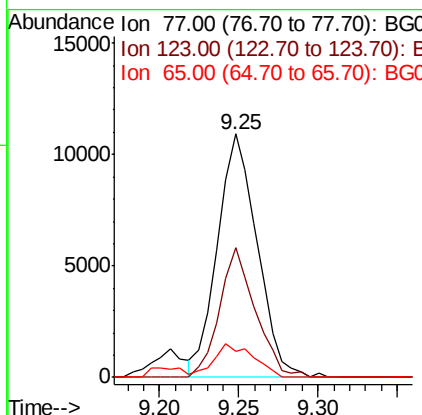
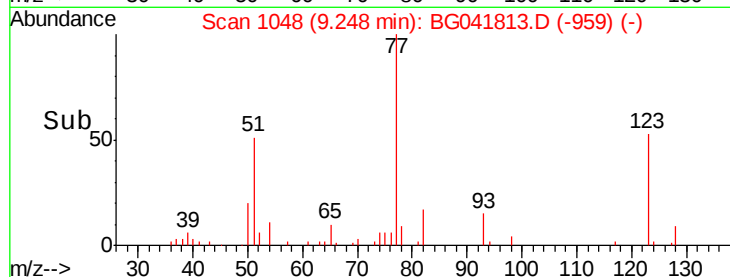
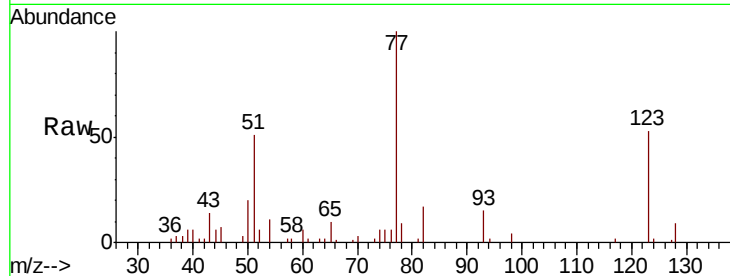




#24
Nitrobenzene
Concen: 4.107 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

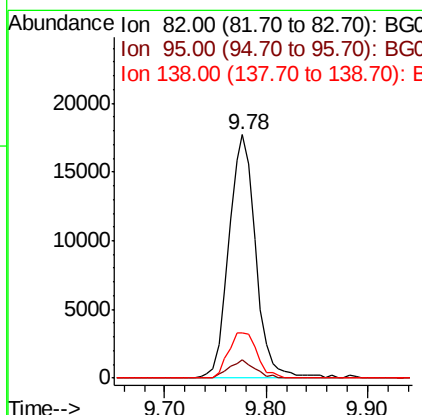
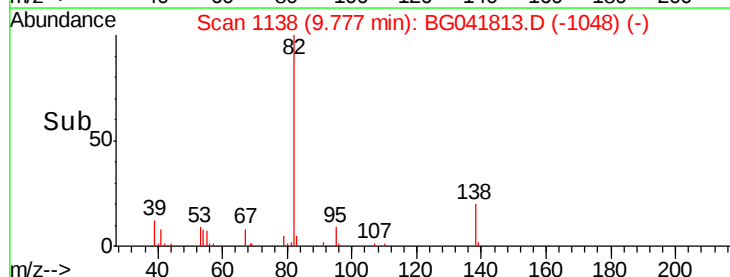
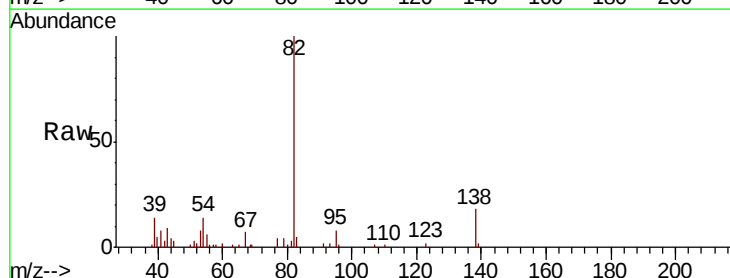
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

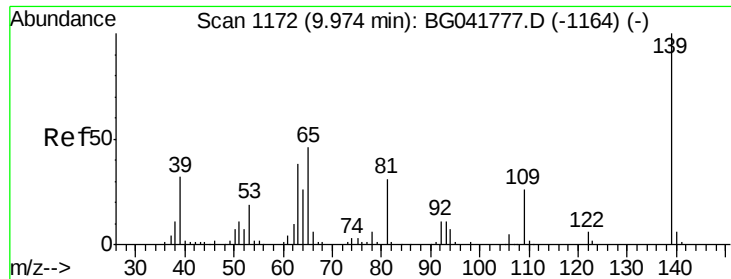
Tot Ion: 77 Resp: 18948
Ion Ratio Lower Upper
77 100
123 53.0 38.1 57.1
65 10.5 11.0 16.6#



#25
Isophorone
Concen: 3.408 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion: 82 Resp: 32467
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.3 16.3 24.5

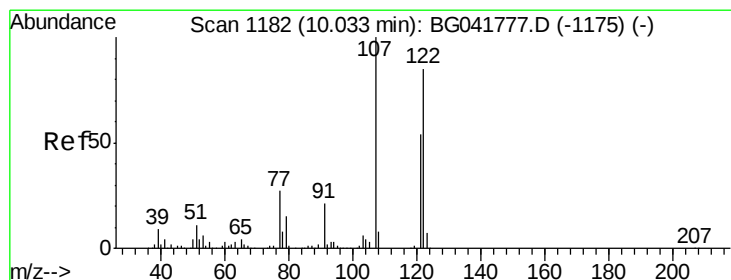
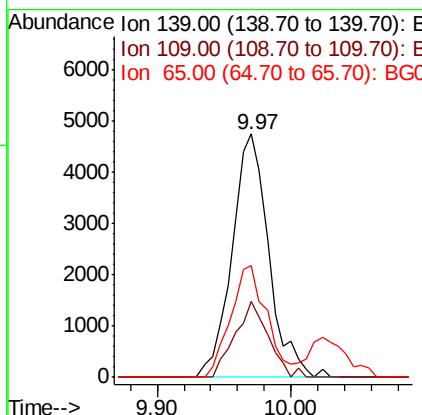
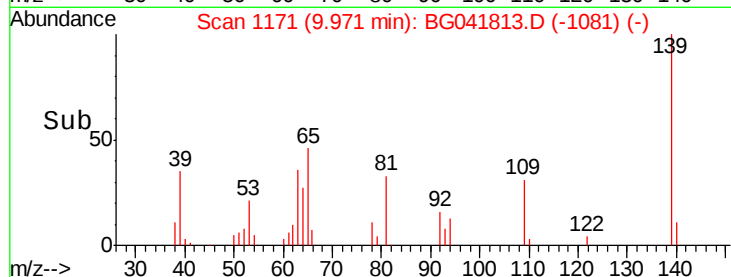
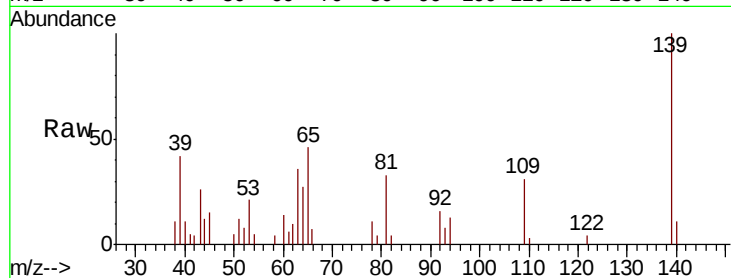




#26
2-Nitrophenol
Concen: 4.230 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

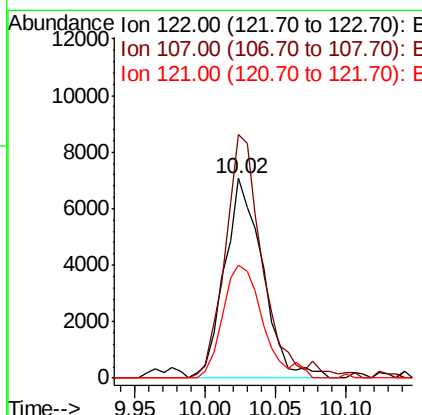
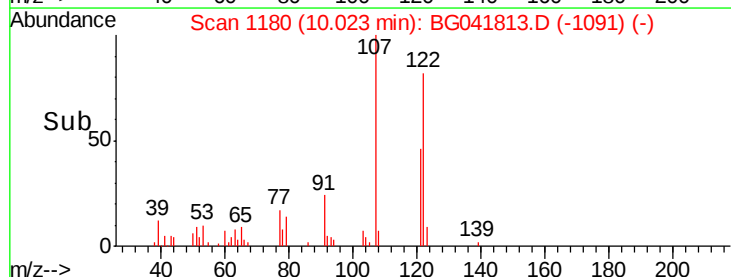
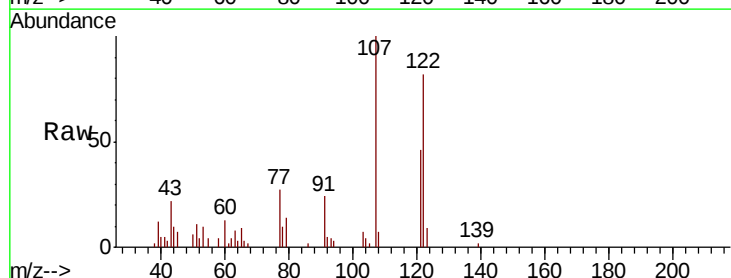
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

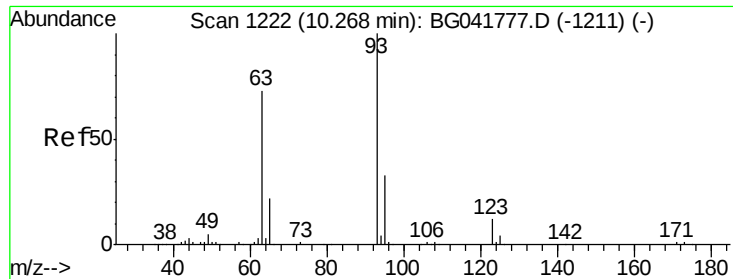
Tot Ion:139 Resp: 9058
Ion Ratio Lower Upper
139 100
109 31.1 22.7 34.1
65 45.8 41.1 61.7



#27
2,4-Dimethylphenol
Concen: 3.506 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion:122 Resp: 13250
Ion Ratio Lower Upper
122 100
107 121.7 91.3 136.9
121 56.3 49.2 73.8

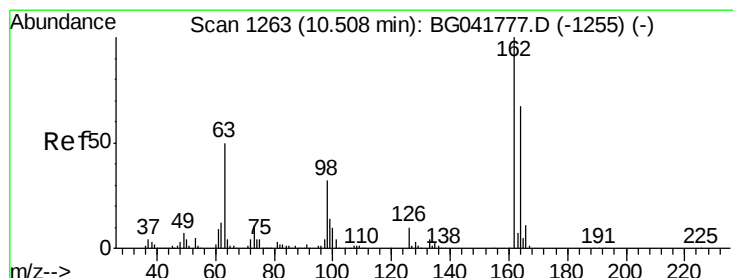
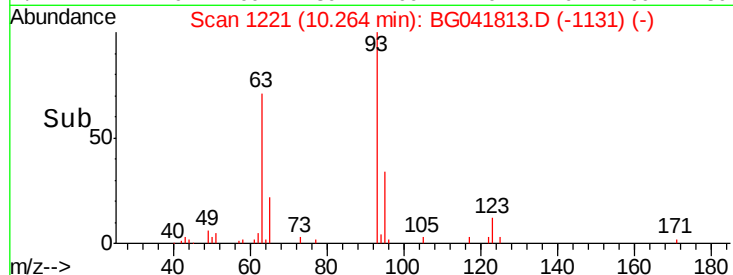
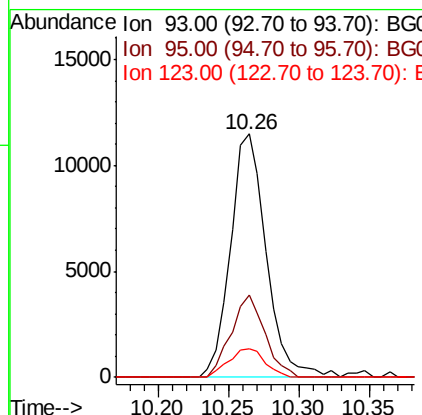
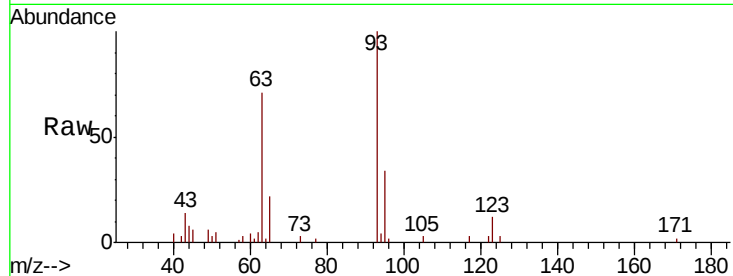




#28
bis(2-Chloroethoxy)methane
Concen: 3.396 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

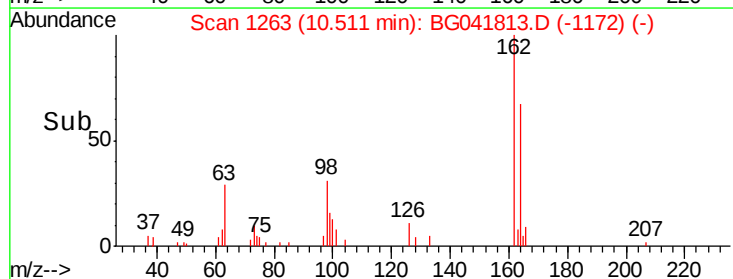
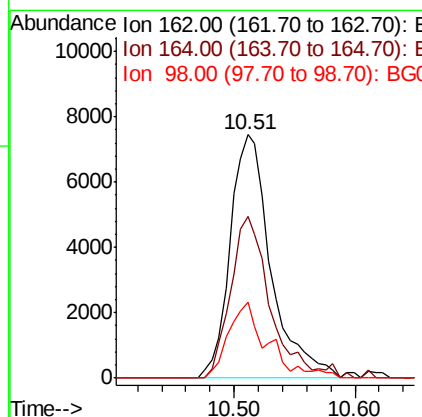
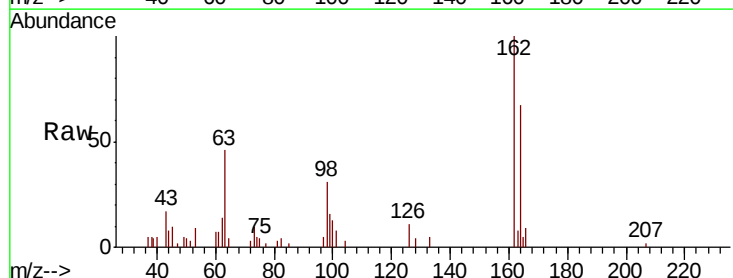
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

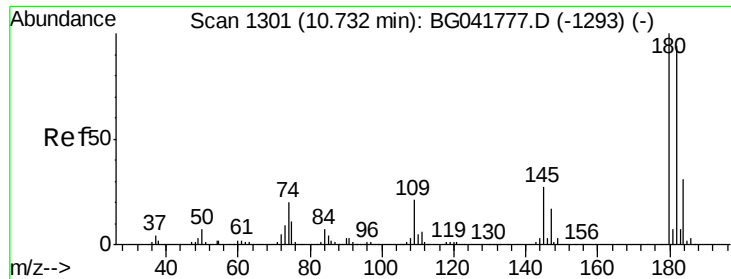
Tot Ion: 93 Resp: 20219
Ion Ratio Lower Upper
93 100
95 33.8 26.2 39.4
123 11.6 9.9 14.9



#29
2,4-Dichlorophenol
Concen: 3.789 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion: 162 Resp: 17439
Ion Ratio Lower Upper
162 100
164 66.6 46.1 86.1
98 31.4 14.7 54.7

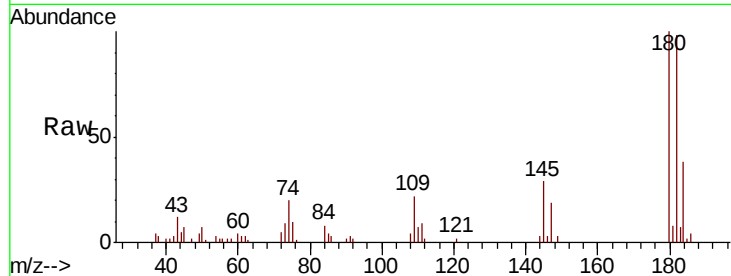




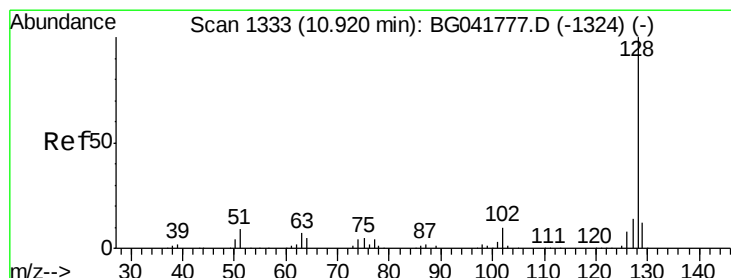
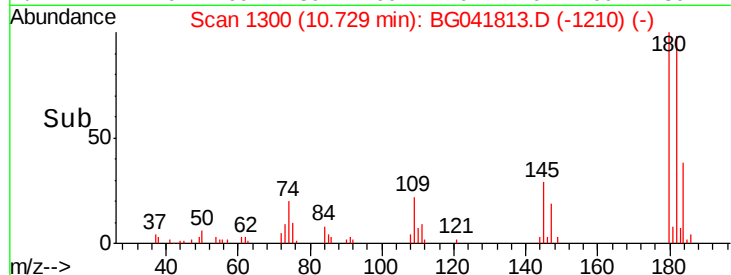
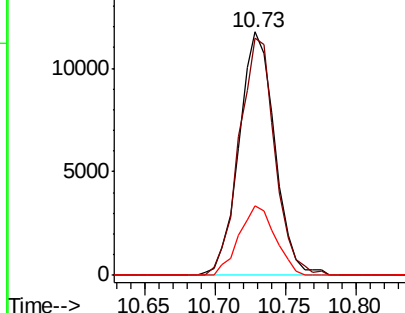
#30
 1,2,4-Trichlorobenzene
 Concen: 3.565 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

Tot Ion:180 Resp: 20807
 Ion Ratio Lower Upper
 180 100
 182 97.7 76.2 114.2
 145 28.6 23.8 35.8

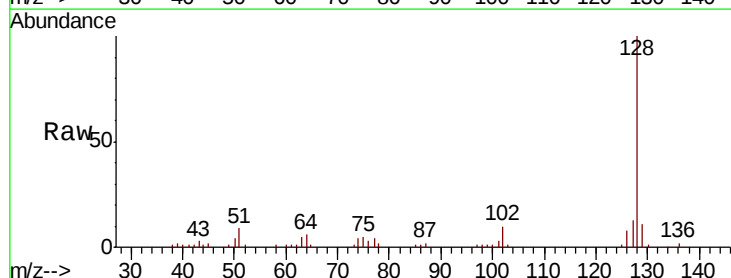


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

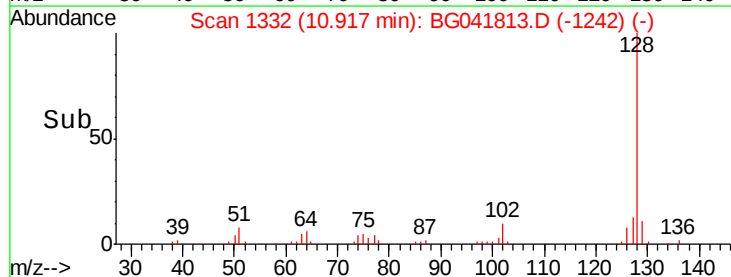
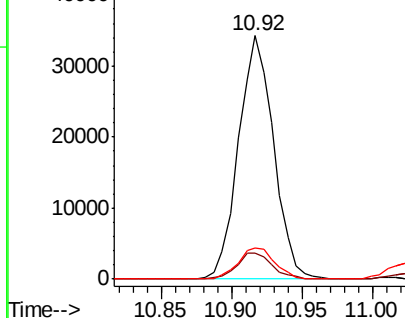


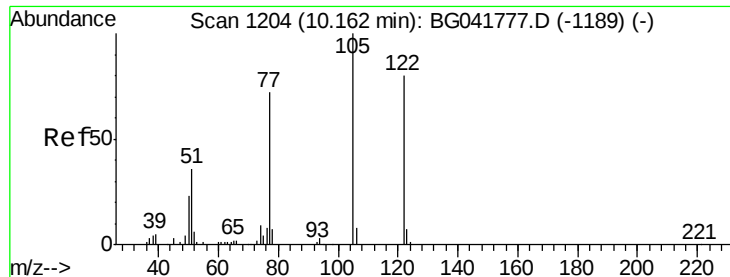
#31
 Naphthalene
 Concen: 4.308 ng
 RT: 10.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Tgt Ion:128 Resp: 59420
 Ion Ratio Lower Upper
 128 100
 129 10.7 10.0 15.0
 127 12.7 12.3 18.5



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





#32

Benzoic acid

Concen: 8.879 ng

RT: 10.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

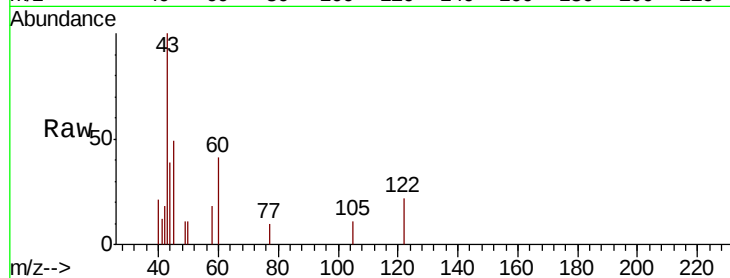
Tot Ion:122 Resp: 498

Ion Ratio Lower Upper

122 100

105 51.2 101.5 141.5#

77 47.0 73.0 113.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

10.17

300

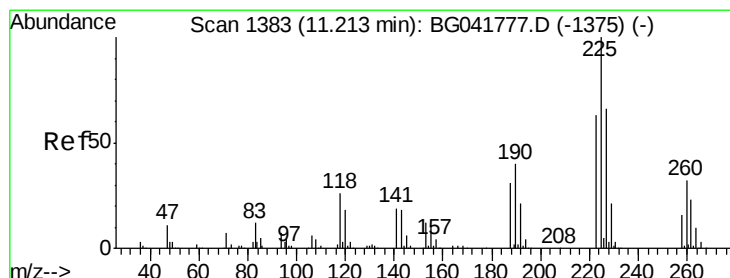
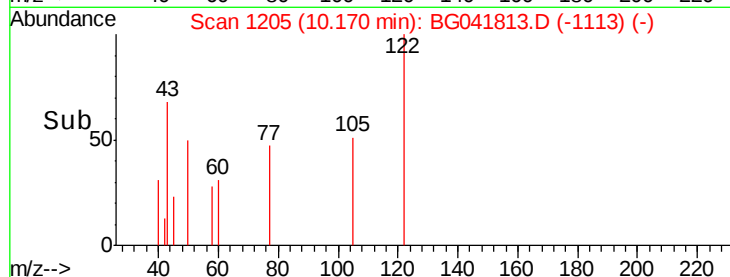
200

100

0

10.14 10.16 10.18 10.20

Time-->



#34

Hexachlorobutadiene

Concen: 3.707 ng

RT: 11.22 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

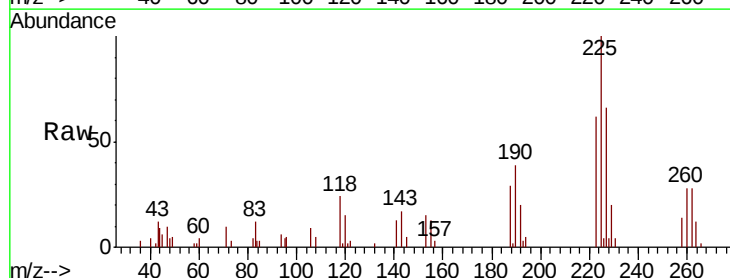
Tgt Ion:225 Resp: 14602

Ion Ratio Lower Upper

225 100

223 62.0 51.1 76.7

227 66.1 50.9 76.3



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

11.22

10000

8000

6000

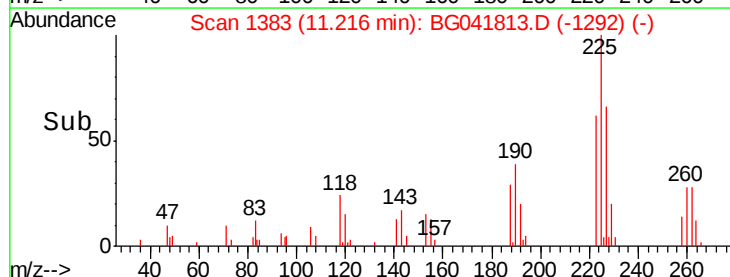
4000

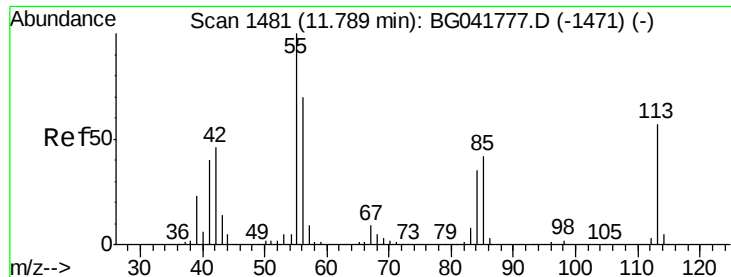
2000

0

11.15 11.20 11.25

Time-->

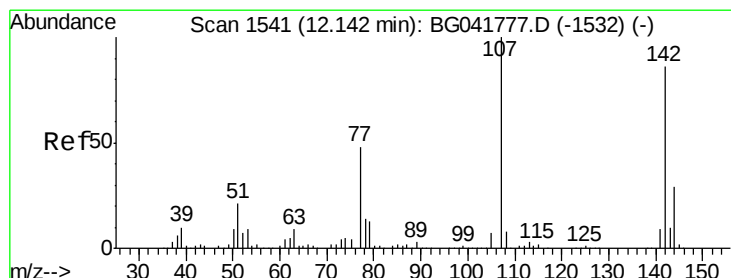
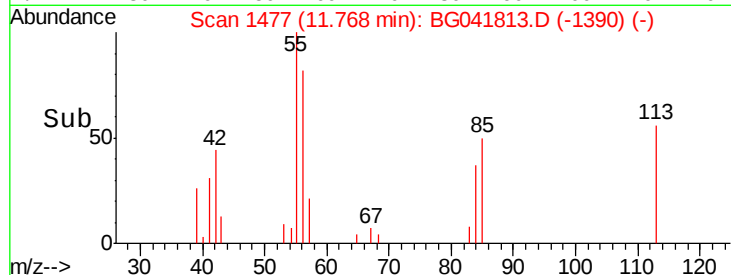
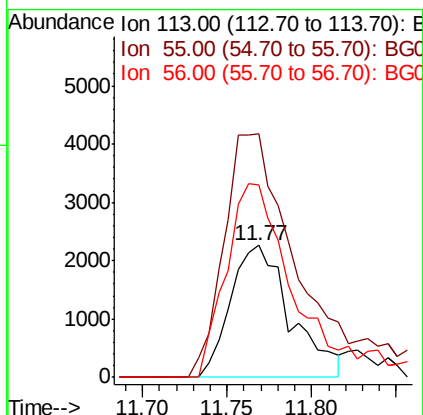
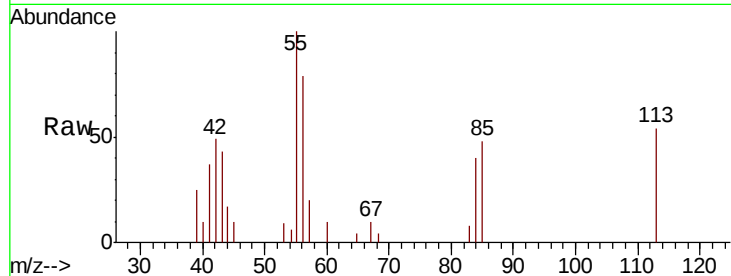




#35
 Caprolactam
 Concen: 3.511 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

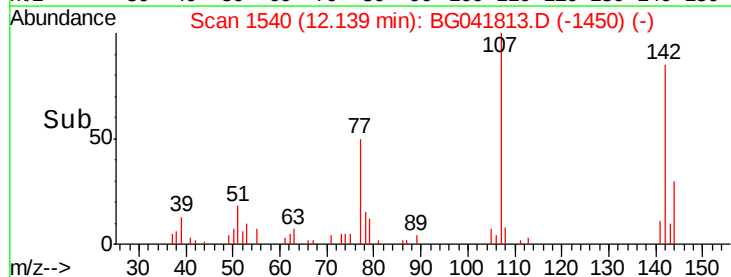
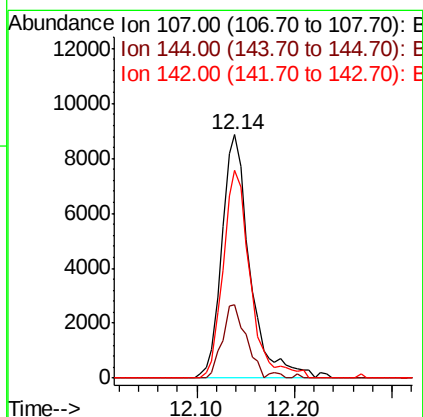
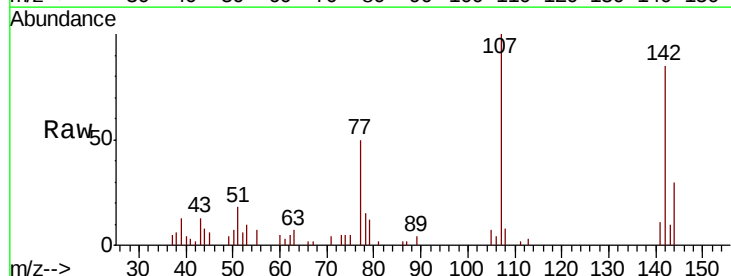
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

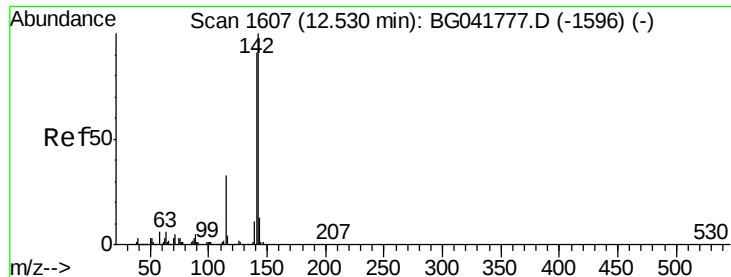
Tot Ion:113 Resp: 5616
 Ion Ratio Lower Upper
 113 100
 55 184.7 199.4 239.4#
 56 146.1 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 3.889 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Tgt Ion:107 Resp: 17747
 Ion Ratio Lower Upper
 107 100
 144 30.0 22.2 33.2
 142 85.1 67.3 100.9

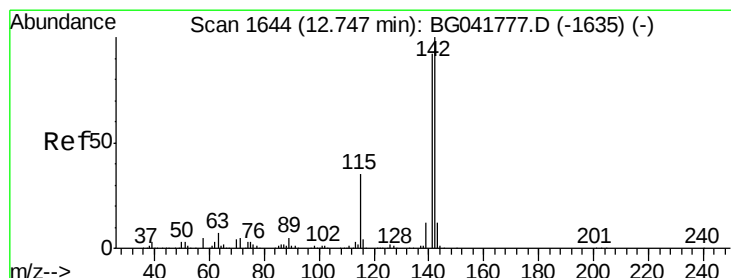
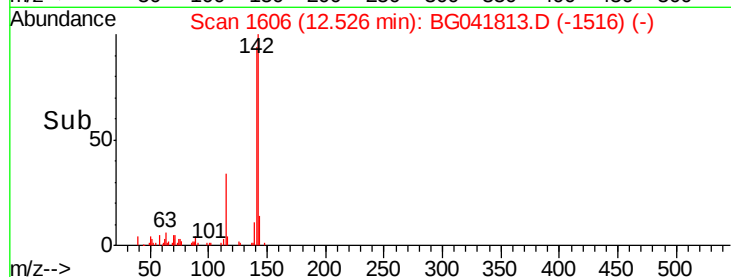
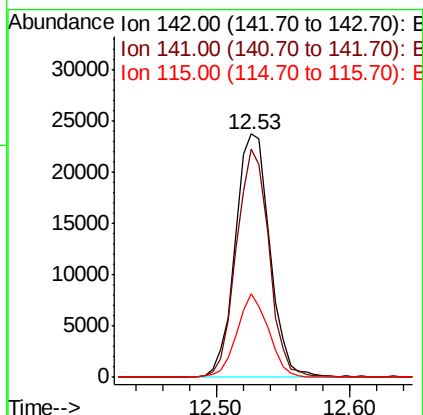
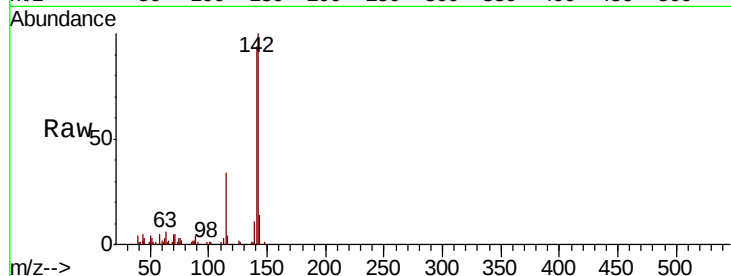




#37
2-Methylnaphthalene
Concen: 3.880 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

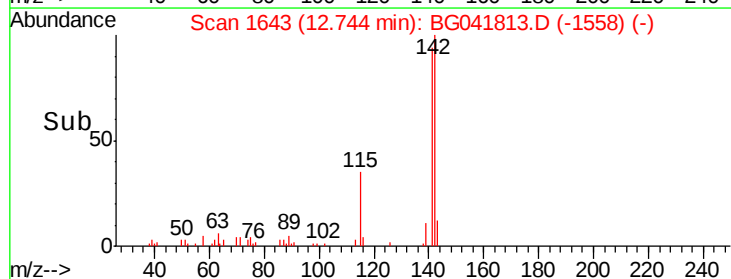
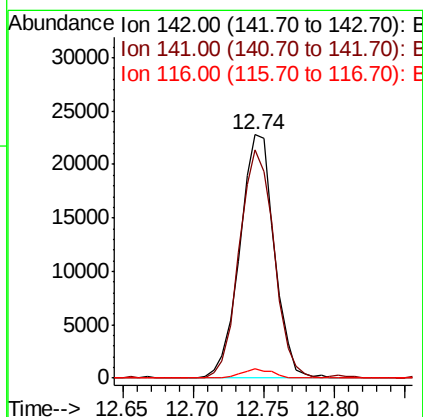
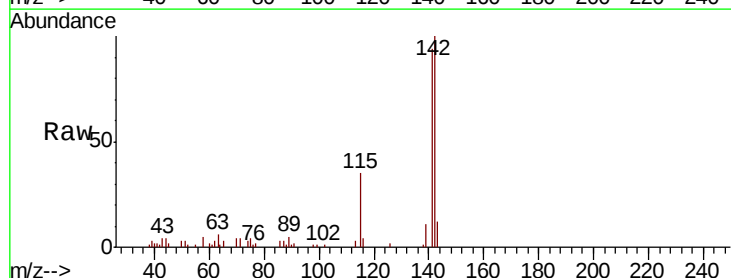
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

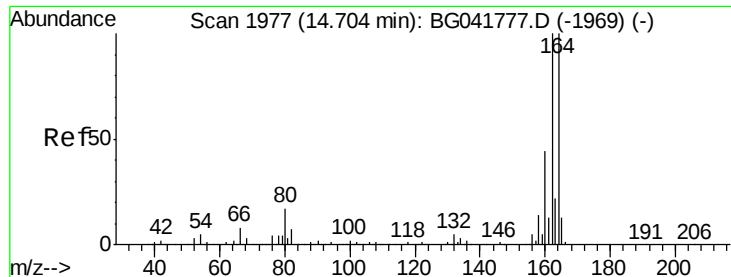
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	72.7	109.1
115	34.2	27.0	40.4



#38
1-Methylnaphthalene
Concen: 3.768 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.4	113.2
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

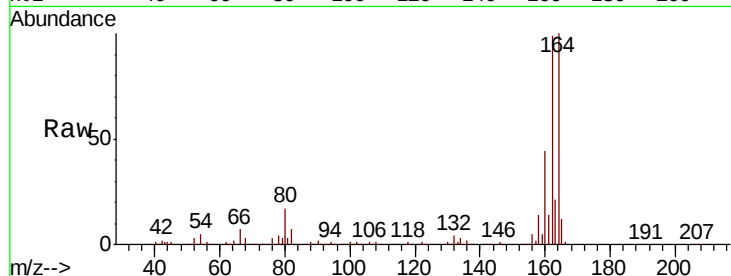
Tot Ion:164 Resp: 201160

Ion Ratio Lower Upper

164 100

162 98.8 79.6 119.4

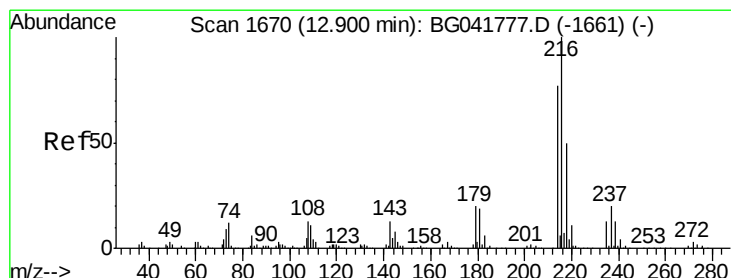
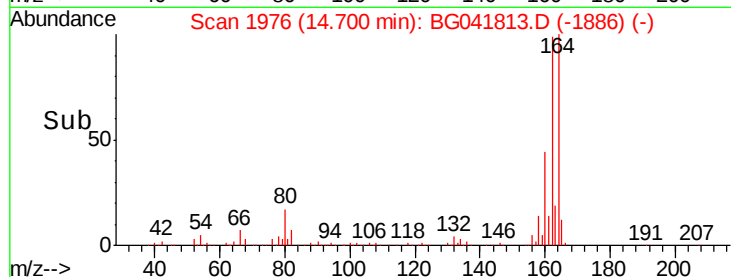
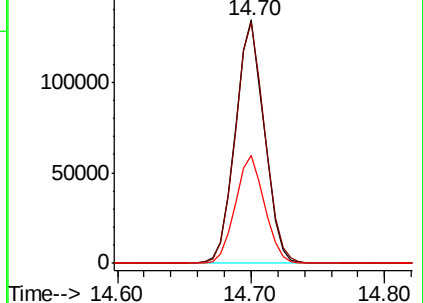
160 44.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.137 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Tgt Ion:216 Resp: 26341

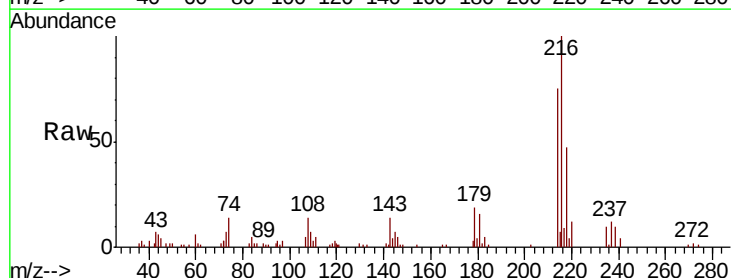
Ion Ratio Lower Upper

216 100

214 75.1 61.5 92.3

179 19.1 16.2 24.2

108 12.4 13.2 19.8#

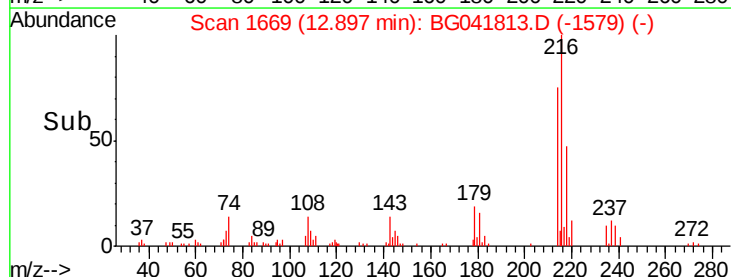
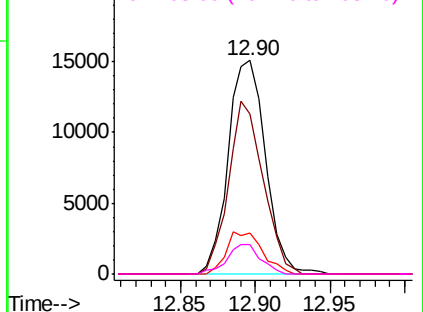


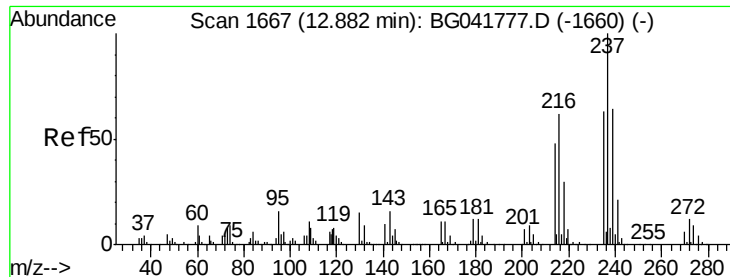
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 2.779 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

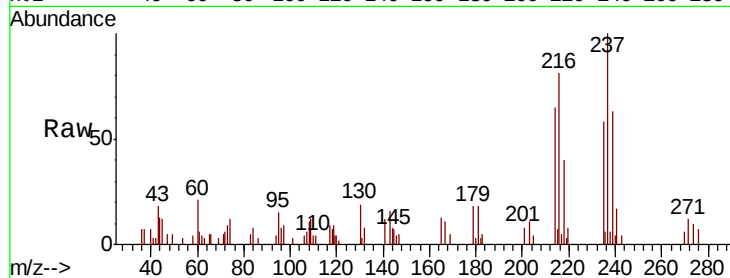
Tot Ion:237 Resp: 9949

Ion Ratio Lower Upper

237 100

235 58.1 43.5 83.5

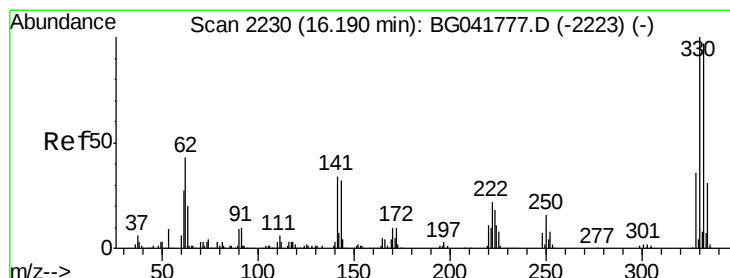
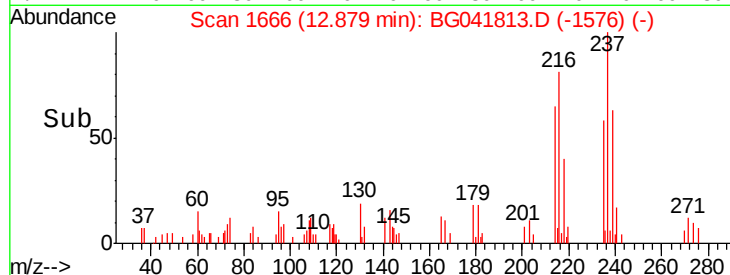
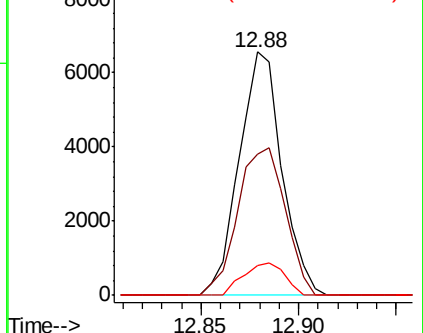
272 12.0 0.0 31.2



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: 173.592 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

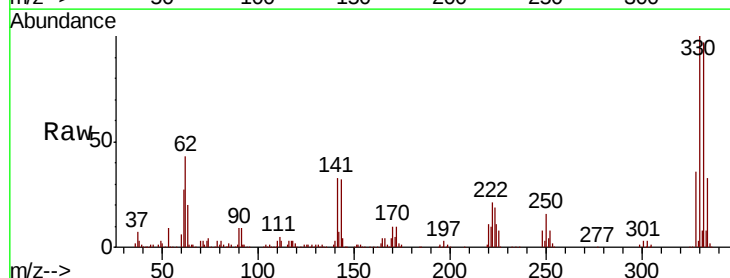
Tgt Ion:330 Resp: 396640

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

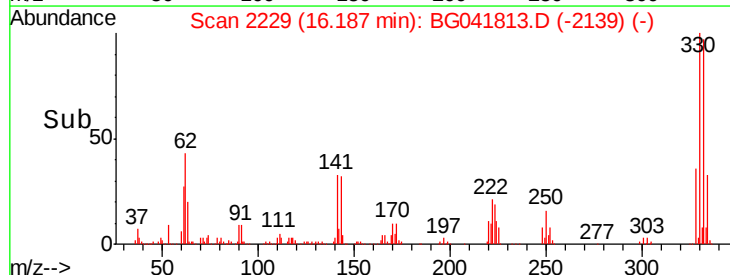
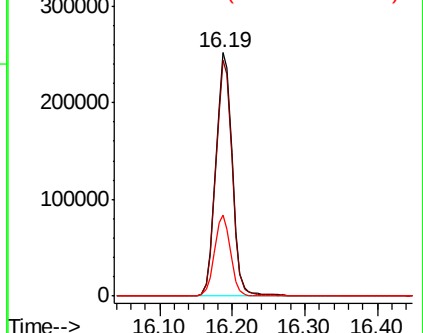
141 32.7 31.9 47.9

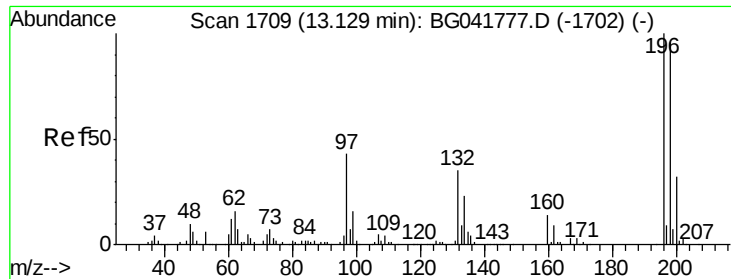


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

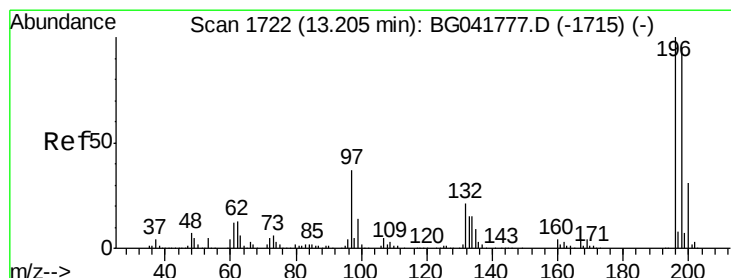
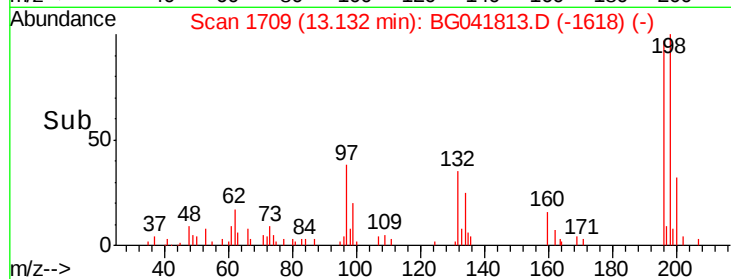
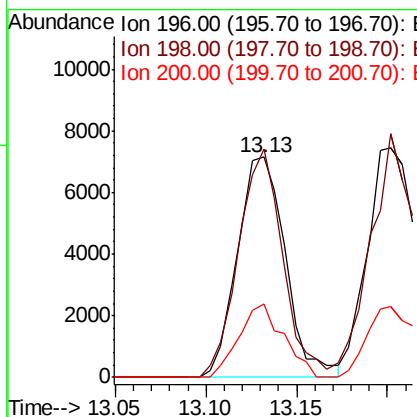
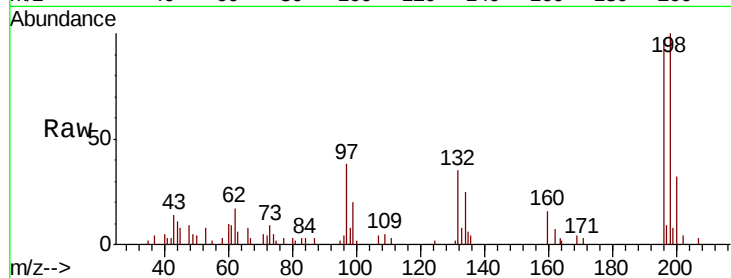




#43
 2,4,6-Trichlorophenol
 Concen: 3.274 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

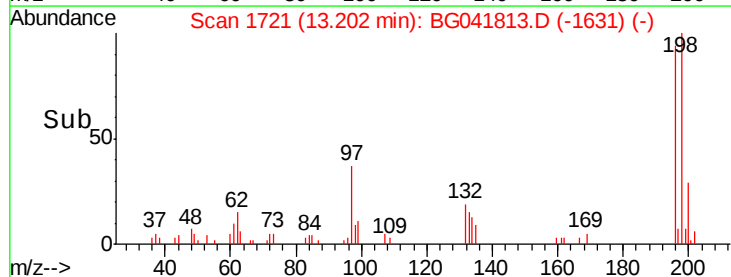
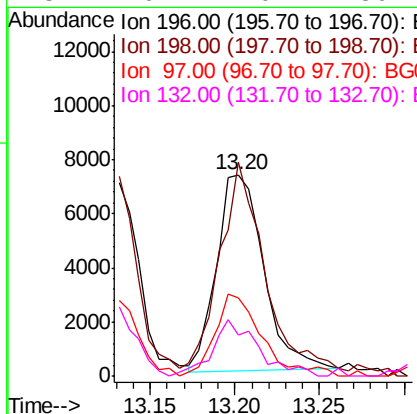
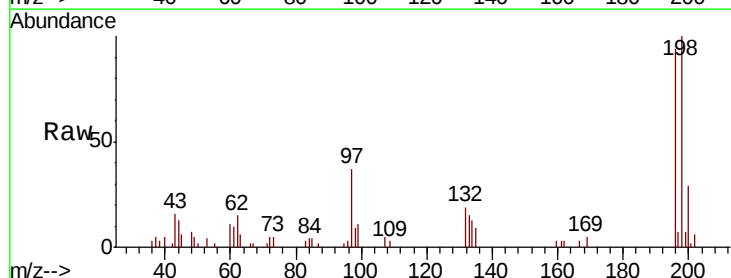
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

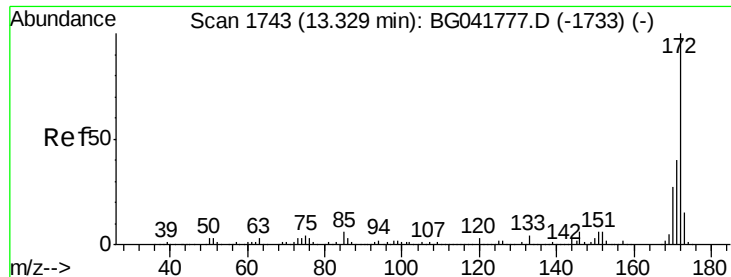
Tot Ion:196 Resp: 13177
 Ion Ratio Lower Upper
 196 100
 198 103.5 79.6 119.4
 200 33.5 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 3.369 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Tgt Ion:196 Resp: 14088
 Ion Ratio Lower Upper
 196 100
 198 106.3 80.6 121.0
 97 38.9 33.9 50.9
 132 20.4 20.2 30.2



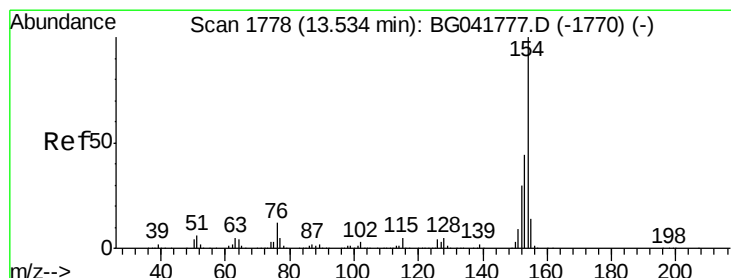
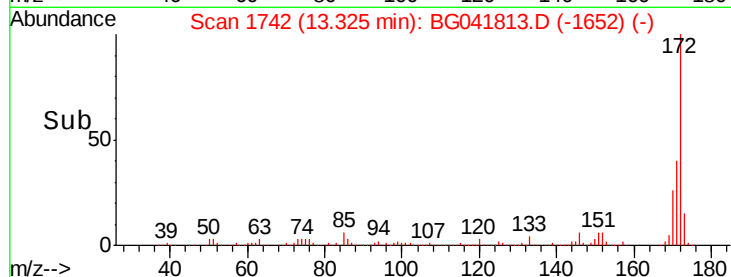
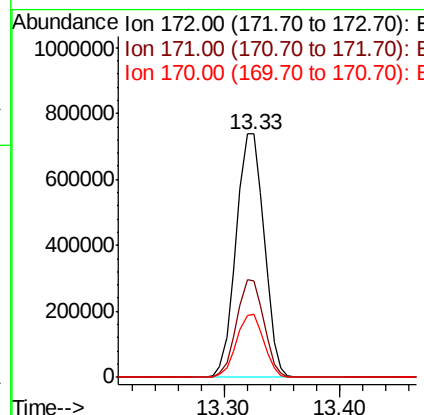
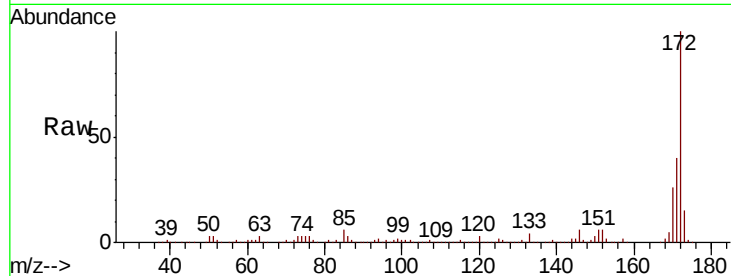


#45
 2-Fluorobiphenyl
 Concen: 109.358 ng
 RT: 13.33 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

Tot Ion:172 Resp: 1247274

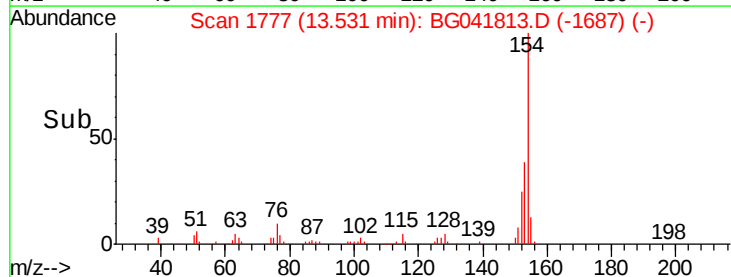
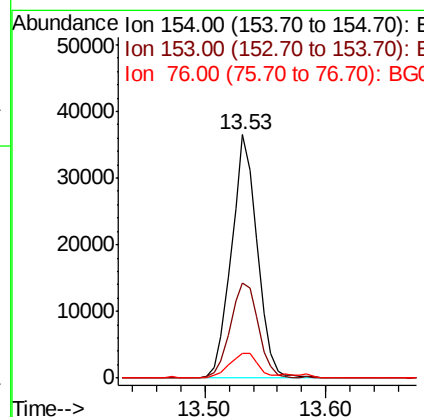
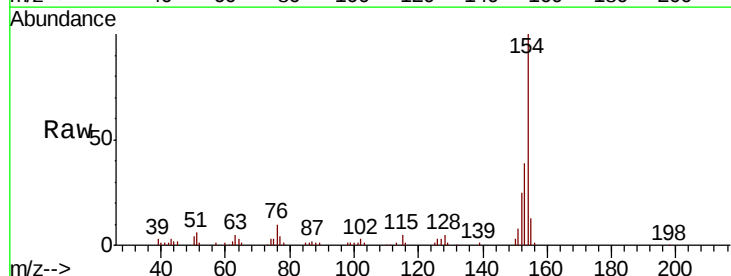
Ion	Ratio	Lower	Upper
172	100		
171	39.7	35.0	52.4
170	26.0	23.5	35.3

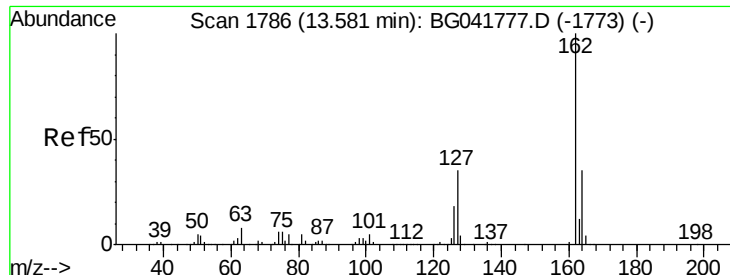


#46
 1,1'-Biphenyl
 Concen: 4.172 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Tgt Ion:154 Resp: 53945

Ion	Ratio	Lower	Upper
154	100		
153	39.3	25.0	65.0
76	9.9	0.0	34.5

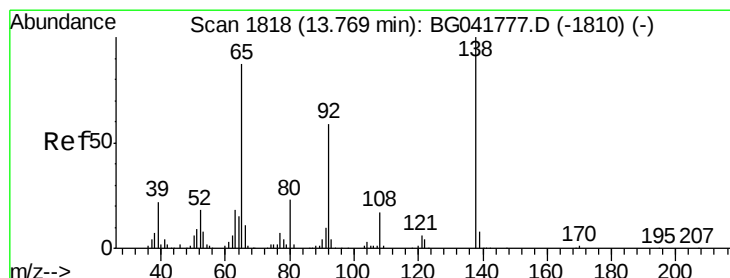
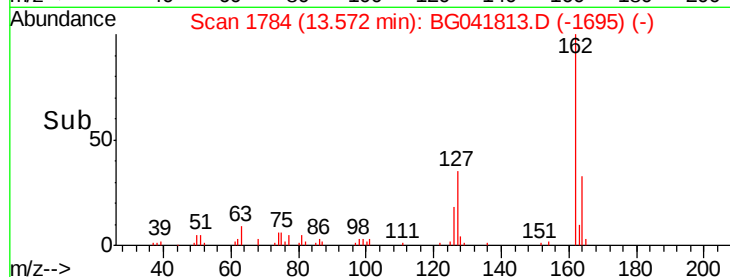
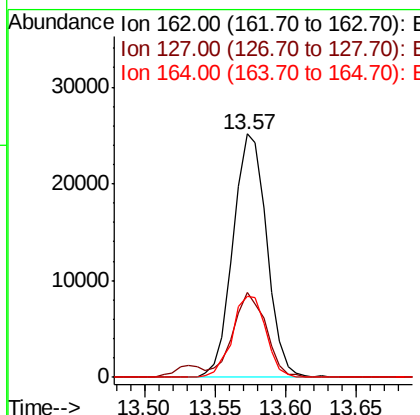
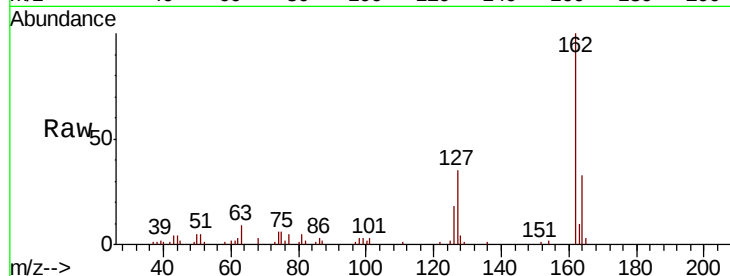




#47
2-Chloronaphthalene
Concen: 3.809 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

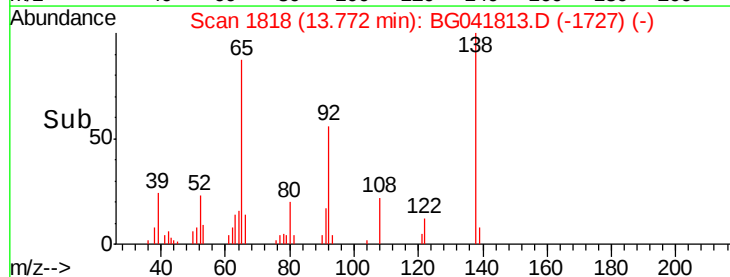
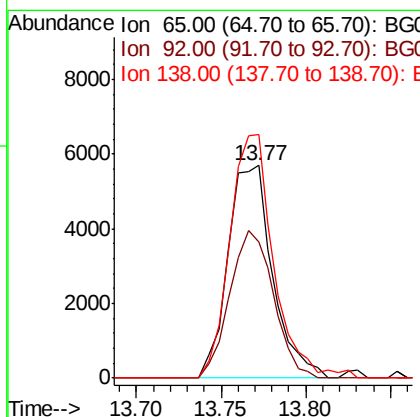
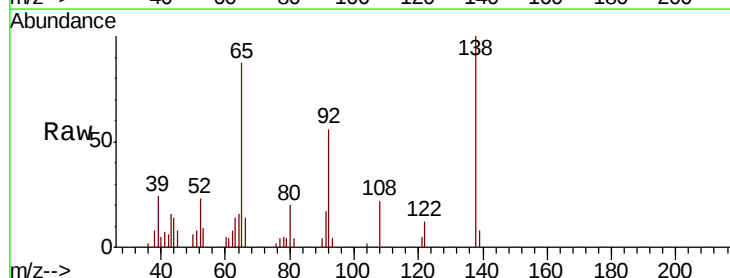
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

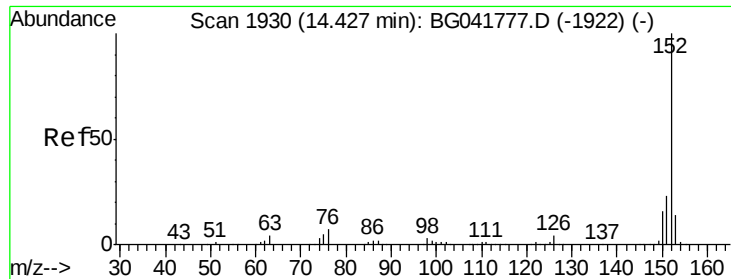
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	30.4	45.6
164	33.1	28.6	42.8



#48
2-Nitroaniline
Concen: 3.760 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	53.9	80.9
138	114.7	83.5	125.3





#49

Acenaphthylene

Concen: 4.101 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

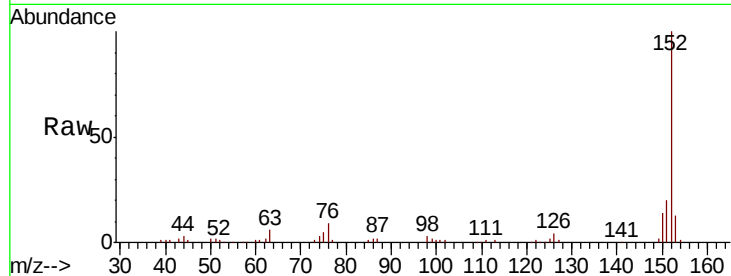
Tot Ion:152 Resp: 67540

Ion Ratio Lower Upper

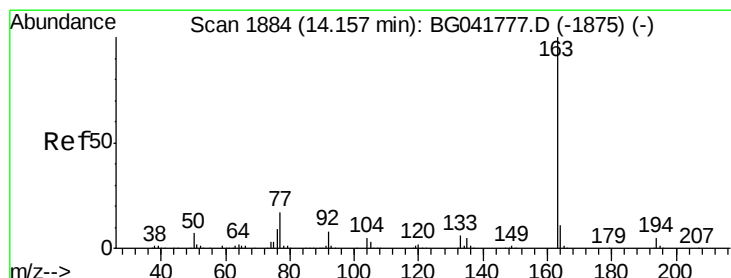
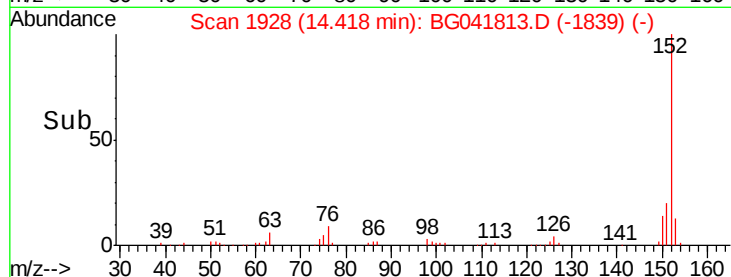
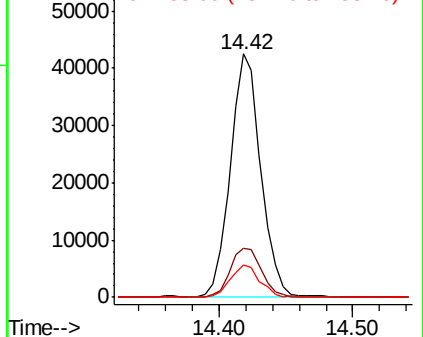
152 100

151 20.3 18.7 28.1

153 13.5 12.4 18.6



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



#50

Dimethylphthalate

Concen: 4.803 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

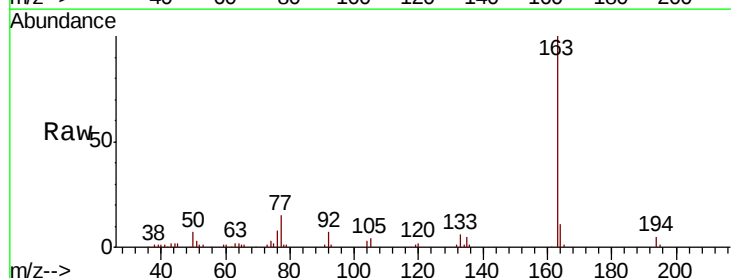
Tgt Ion:163 Resp: 65980

Ion Ratio Lower Upper

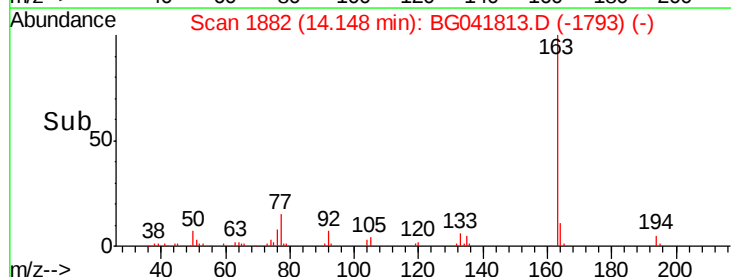
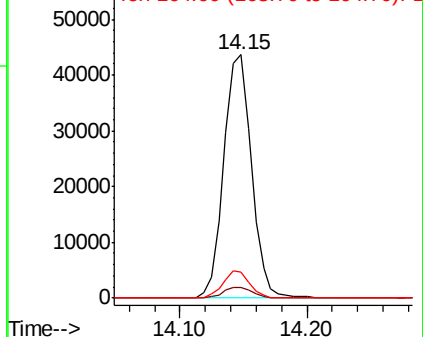
163 100

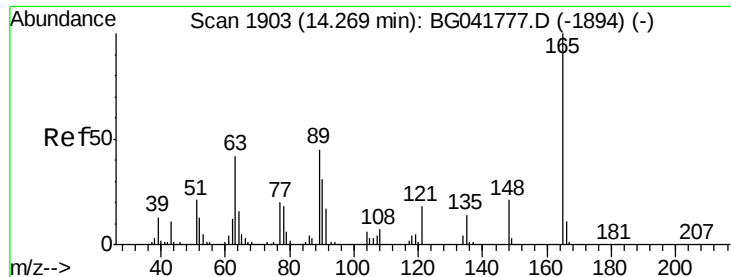
194 4.6 4.2 6.2

164 10.6 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

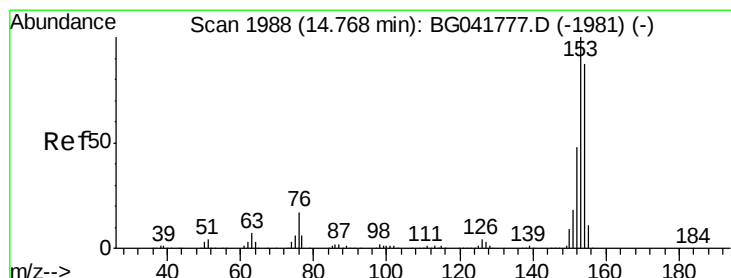
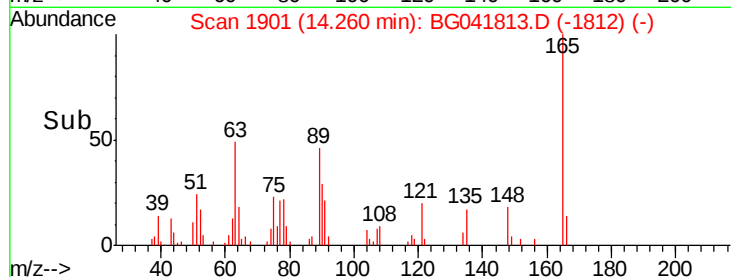
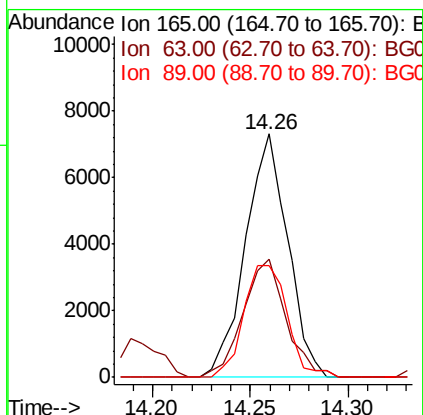
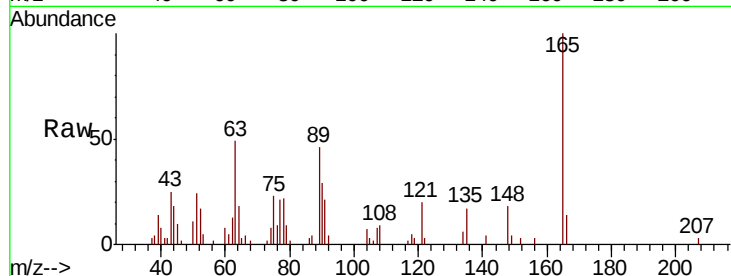




#51
2,6-Dinitrotoluene
Concen: 3.816 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

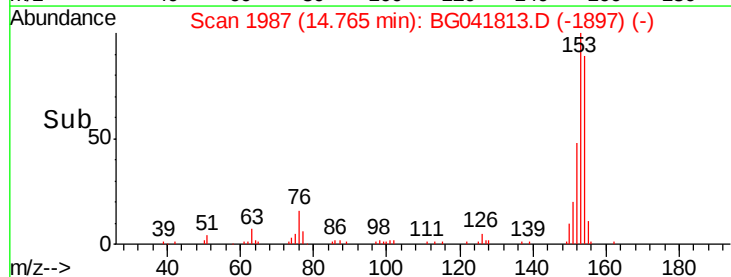
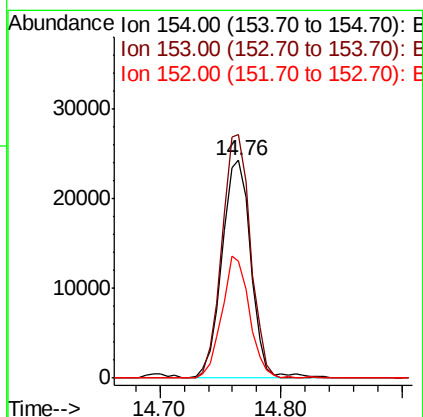
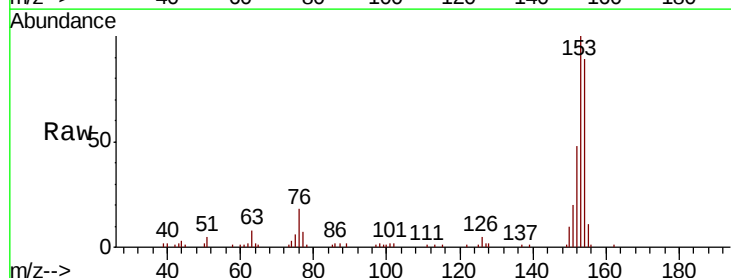
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

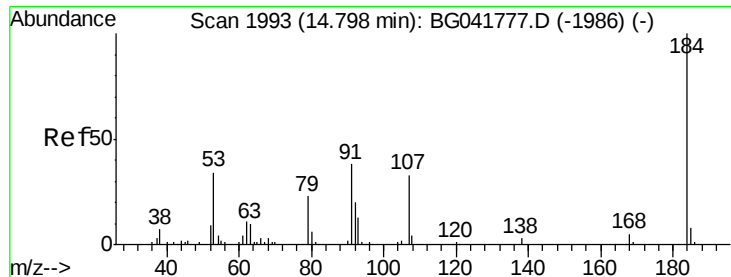
Tot Ion:165 Resp: 10963
Ion Ratio Lower Upper
165 100
63 48.8 42.4 63.6
89 45.8 42.1 63.1



#52
Acenaphthene
Concen: 3.776 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion:154 Resp: 40448
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.6
152 53.9 44.9 67.3

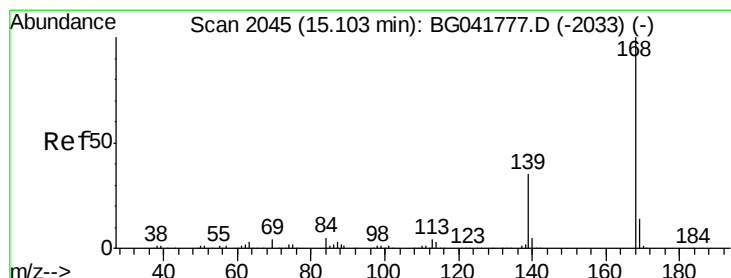
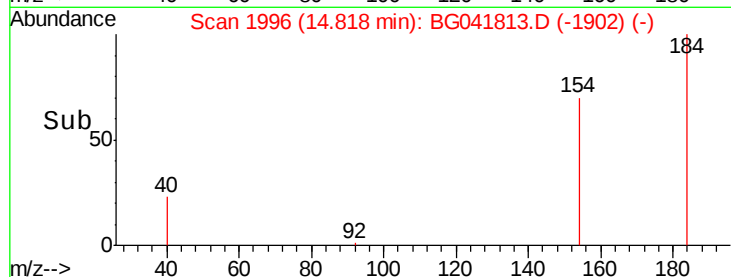
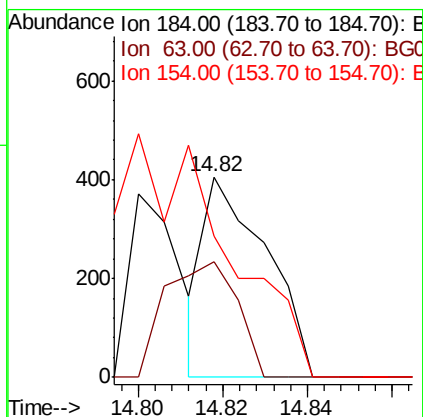
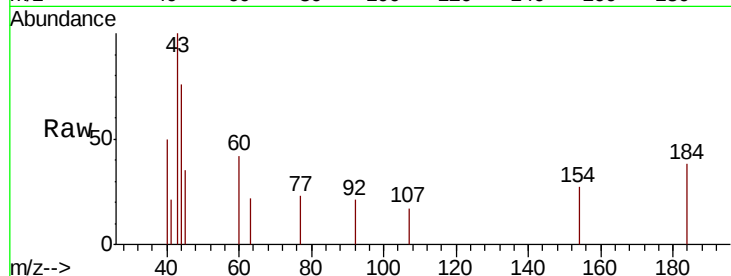




#54
 2,4-Dinitrophenol
 Concen: 3.586 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. 0.02 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

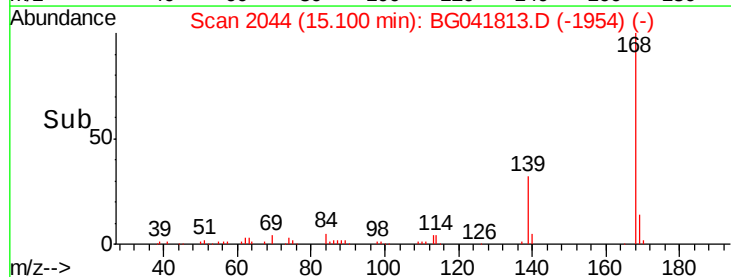
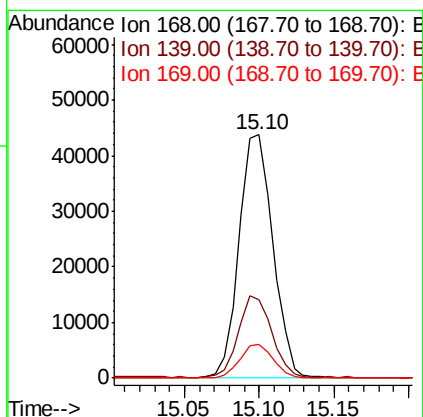
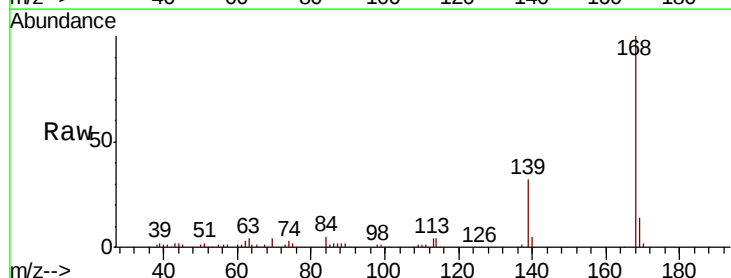
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

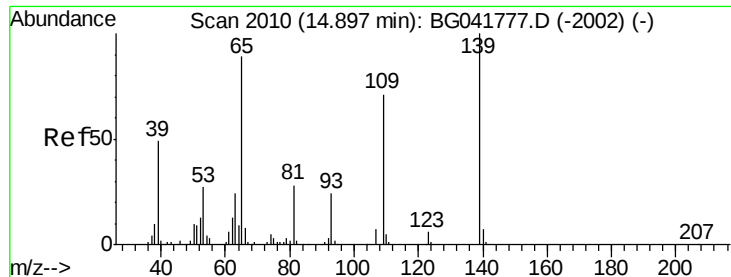
Tot Ion:184 Resp: 416
 Ion Ratio Lower Upper
 184 100
 63 57.6 43.2 64.8
 154 70.2 51.4 77.2



#55
 Dibenzofuran
 Concen: 4.204 ng
 RT: 15.10 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Tgt Ion:168 Resp: 68867
 Ion Ratio Lower Upper
 168 100
 139 32.3 31.9 47.9
 169 13.8 12.5 18.7

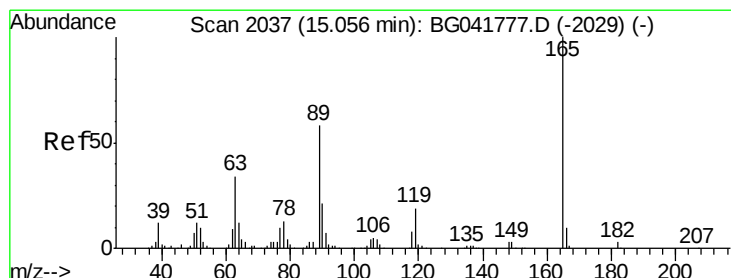
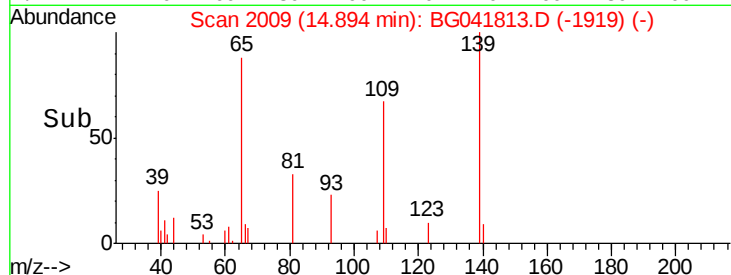
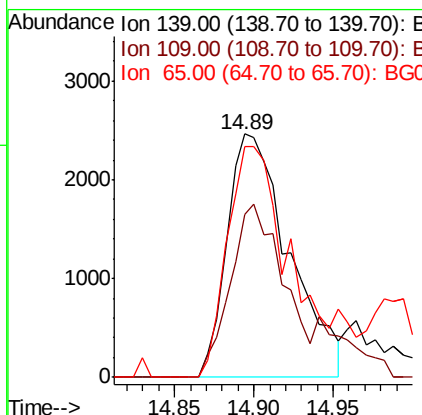
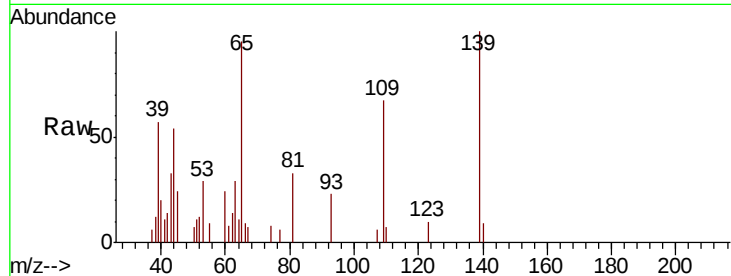




#56
4-Nitrophenol
Concen: 2.863 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

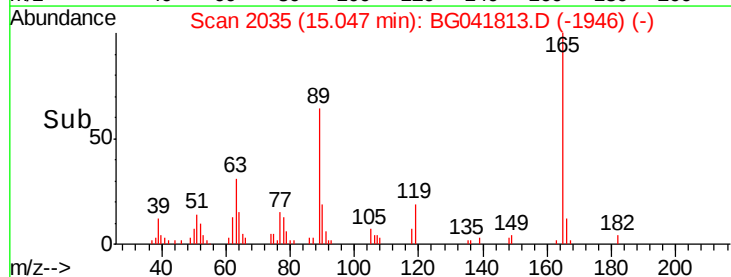
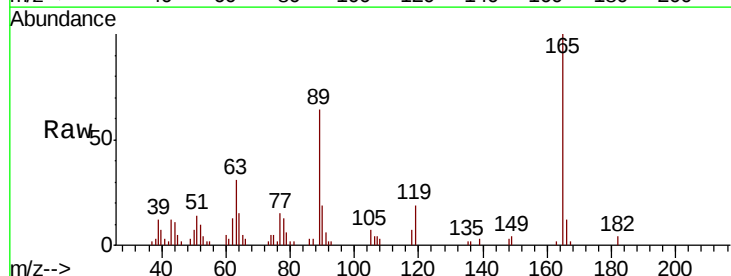
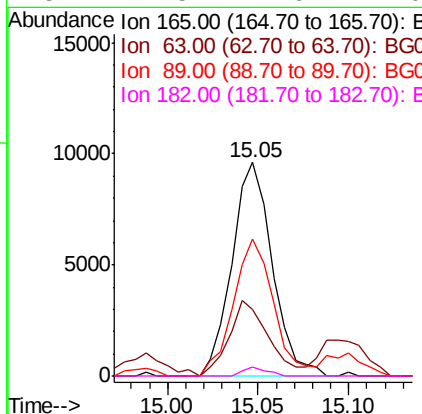
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

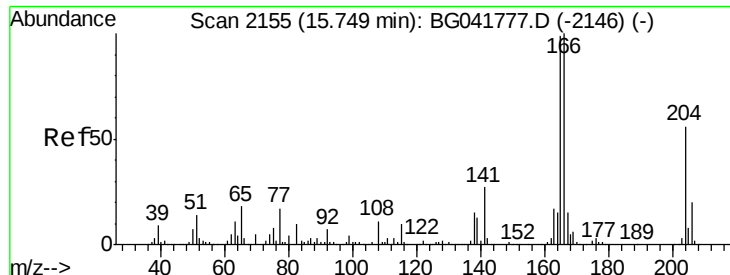
Tot Ion:139 Resp: 6679
Ion Ratio Lower Upper
139 100
109 66.9 51.3 91.3
65 94.6 77.6 117.6



#57
2,4-Dinitrotoluene
Concen: 3.758 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion:165 Resp: 14848
Ion Ratio Lower Upper
165 100
63 31.3 31.7 47.5#
89 63.9 50.2 75.4
182 4.5 2.6 4.0#





#58

Fluorene

Concen: 4.366 ng

RT: 15.75 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

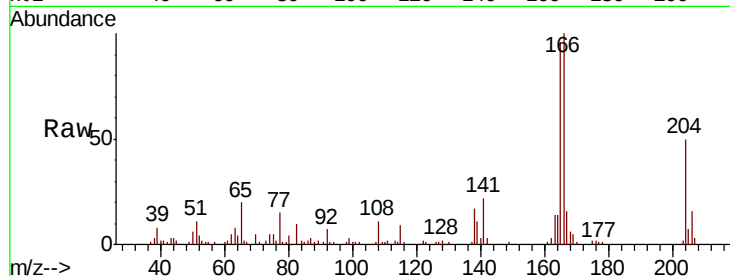
Tot Ion:166 Resp: 57398

Ion Ratio Lower Upper

166 100

165 96.1 80.5 120.7

167 16.1 12.4 18.6

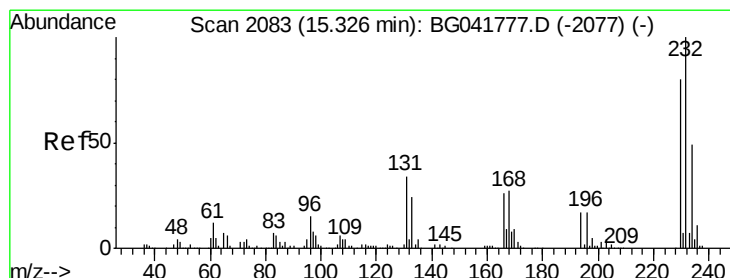
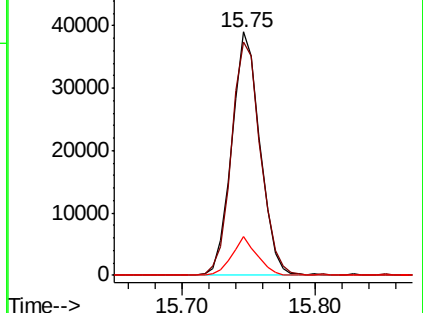
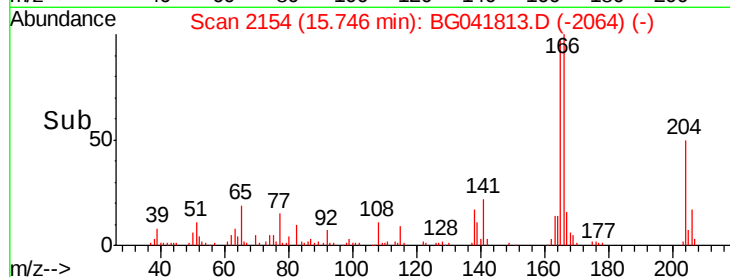


Abundance

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: 3.147 ng

RT: 15.32 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Tgt Ion:232 Resp: 13037

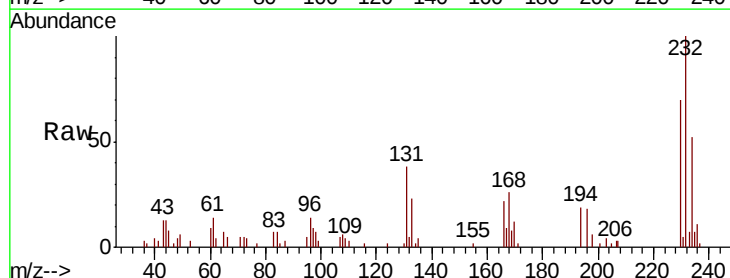
Ion Ratio Lower Upper

232 100

131 36.1 31.8 47.6

130 1.5 1.8 2.8#

166 24.6 23.5 35.3



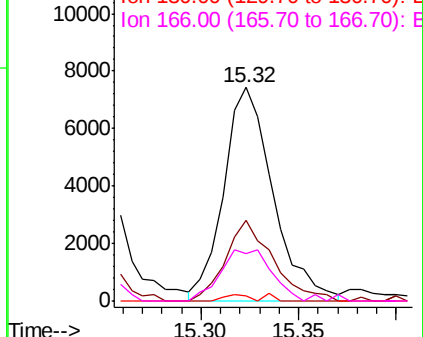
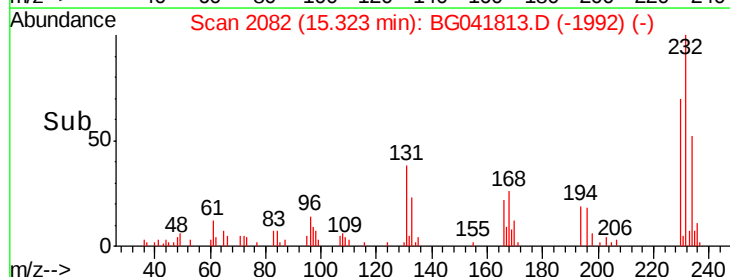
Abundance

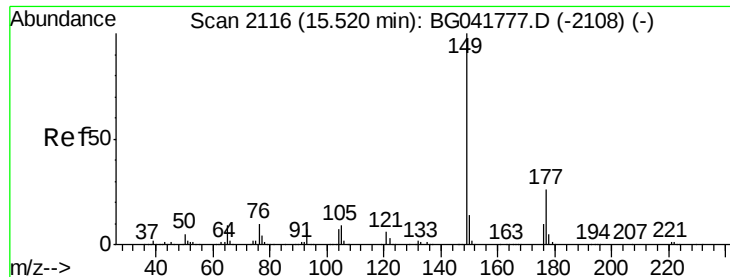
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 4.024 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

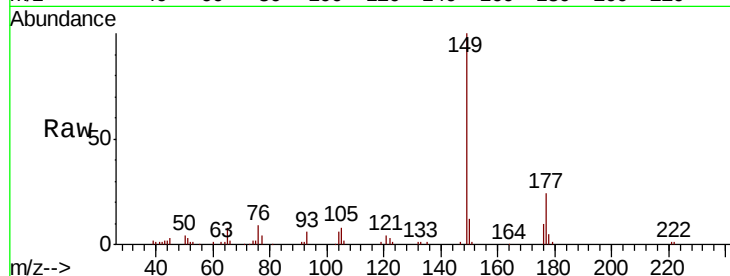
Tot Ion:149 Resp: 54278

Ion Ratio Lower Upper

149 100

177 24.2 20.7 31.1

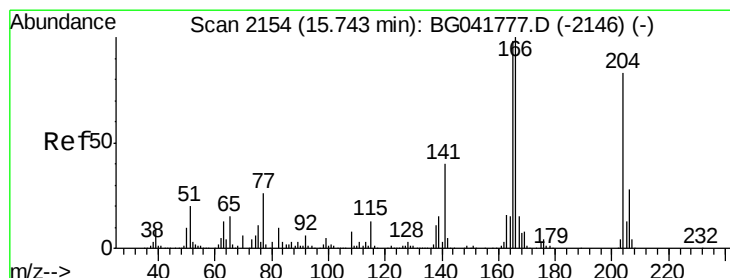
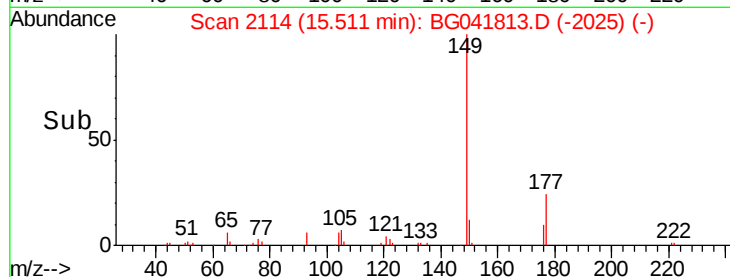
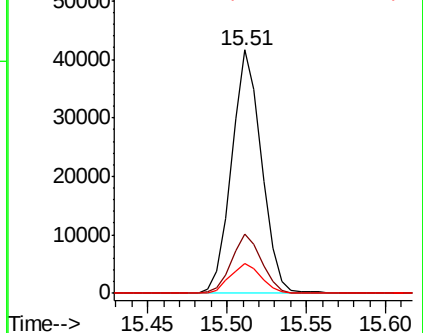
150 12.3 11.5 17.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 3.749 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

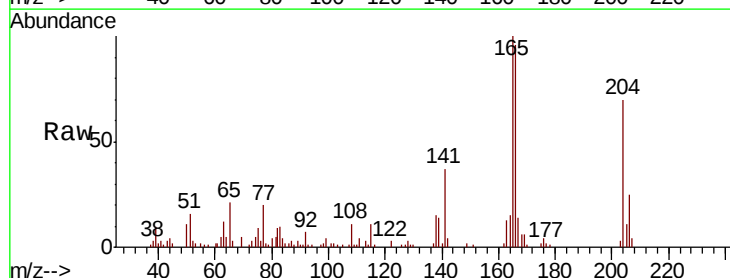
Tgt Ion:204 Resp: 30092

Ion Ratio Lower Upper

204 100

206 35.6 28.6 42.8

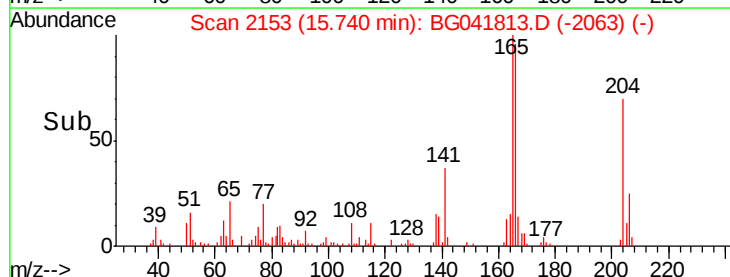
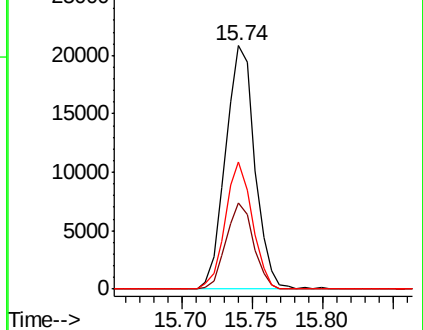
141 52.3 42.9 64.3

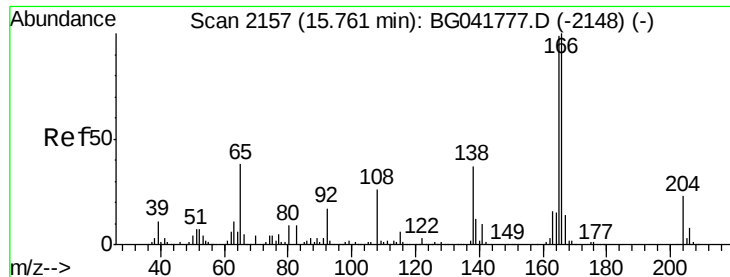


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 3.925 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

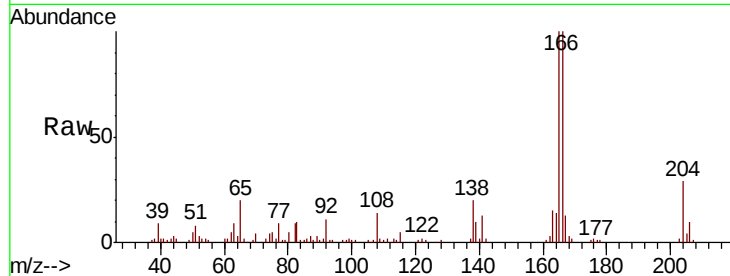
Tot Ion:138 Resp: 13066

Ion Ratio Lower Upper

138 100

92 56.0 29.8 69.8

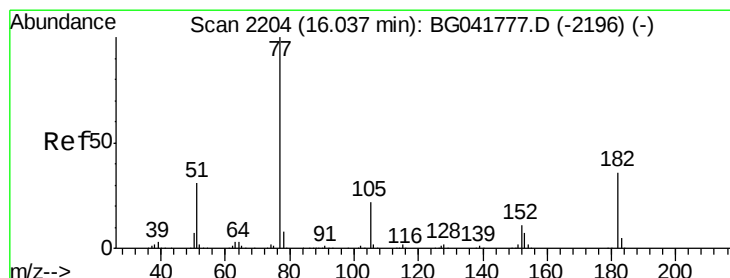
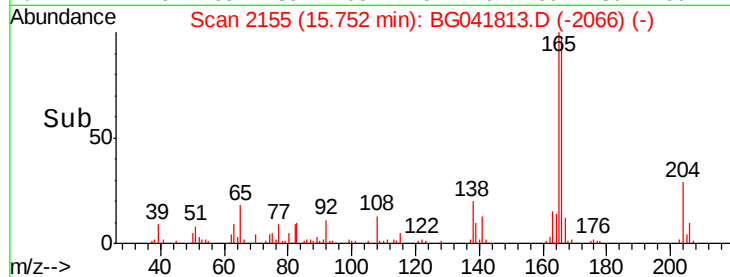
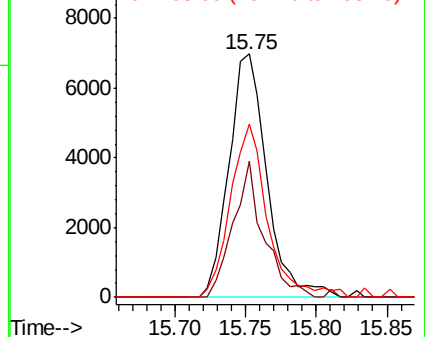
108 71.1 52.2 92.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 3.833 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Tgt Ion: 77 Resp: 42233

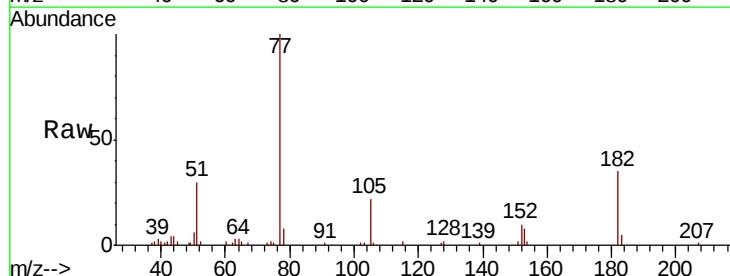
Ion Ratio Lower Upper

77 100

182 34.6 13.2 53.2

105 22.4 2.2 42.2

51 29.7 14.6 54.6

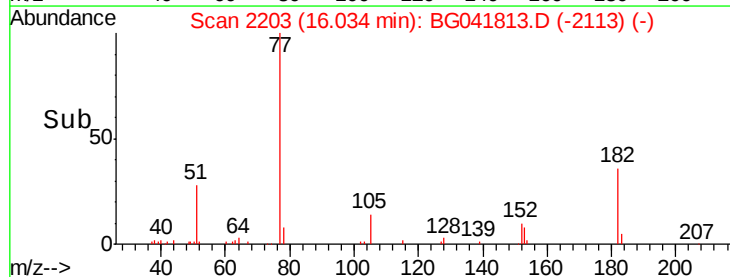
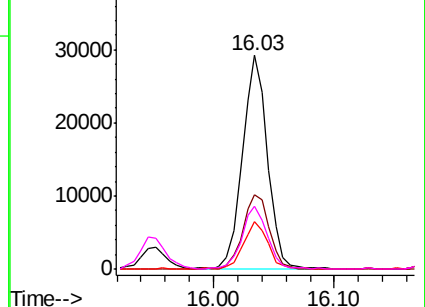


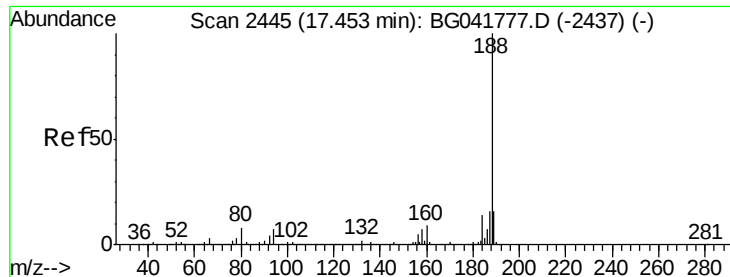
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

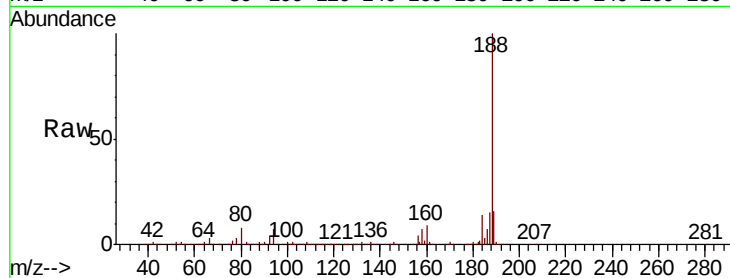
Tot Ion:188 Resp: 517430

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

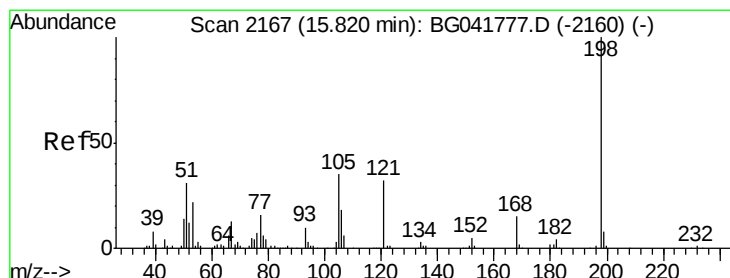
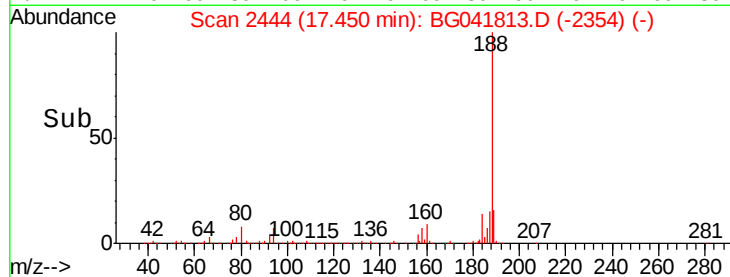
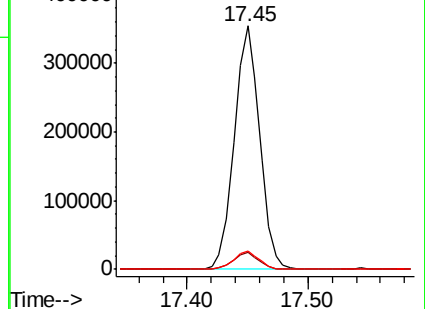
80 7.6 8.0 12.0#



Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.128 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

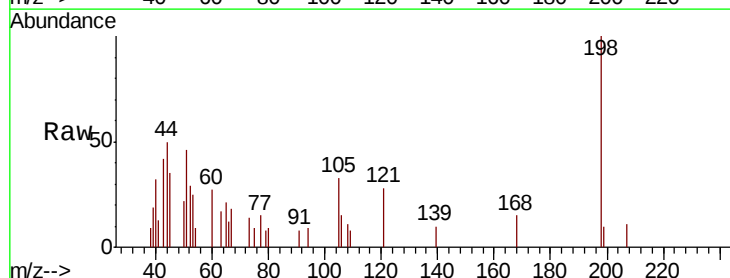
Tgt Ion:198 Resp: 3770

Ion Ratio Lower Upper

198 100

51 46.5 22.3 62.3

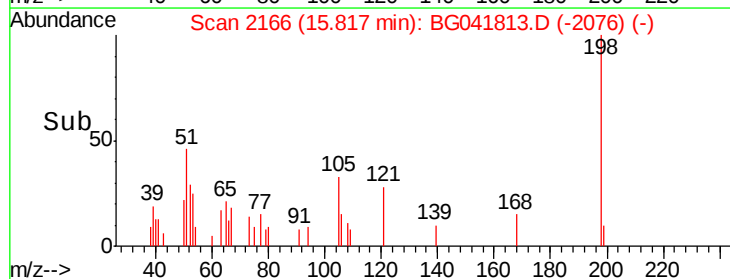
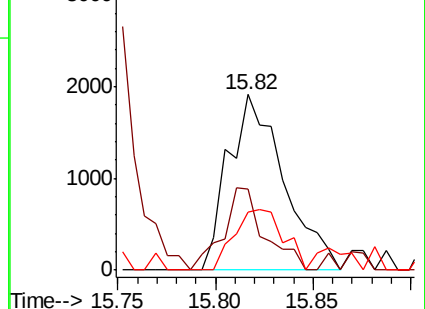
105 32.9 18.0 58.0

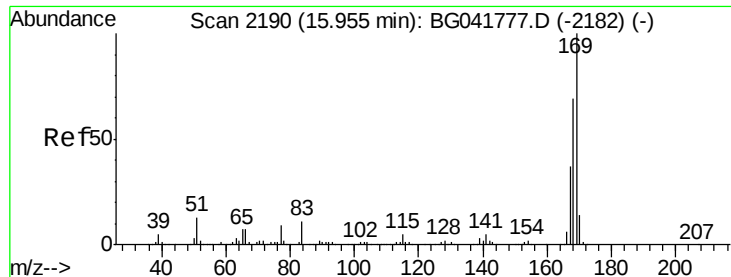


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

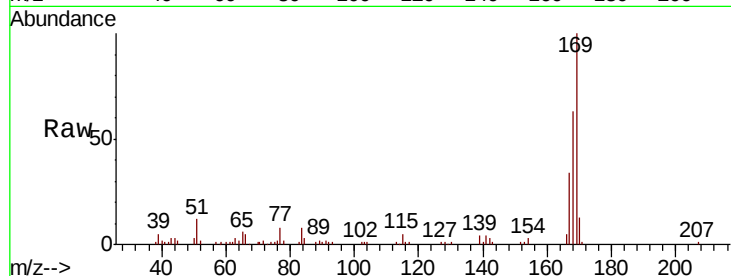




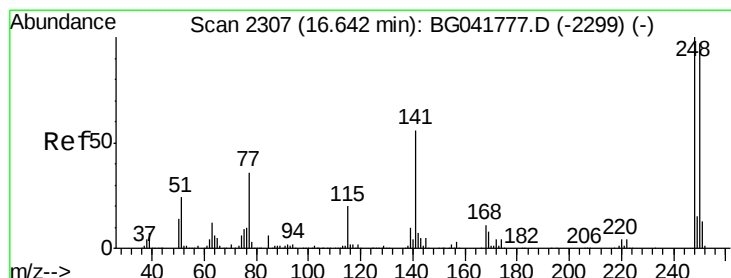
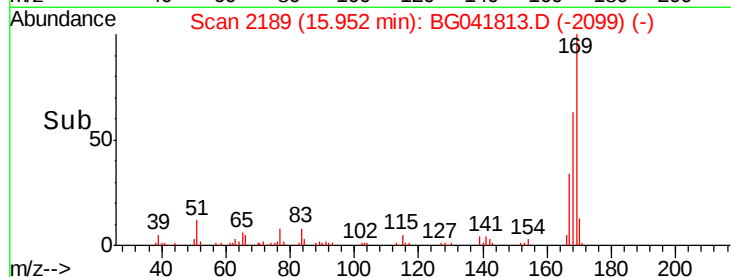
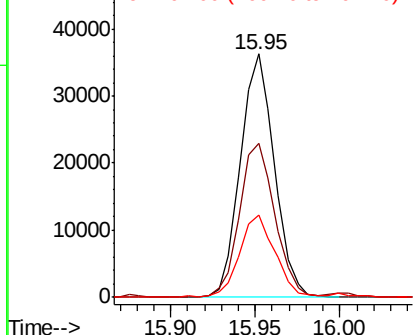
#66
 n-Nitrosodiphenylamine
 Concen: 3.603 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

Tot Ion:169 Resp: 50784
 Ion Ratio Lower Upper
 169 100
 168 63.3 56.9 85.3
 167 34.0 31.5 47.3

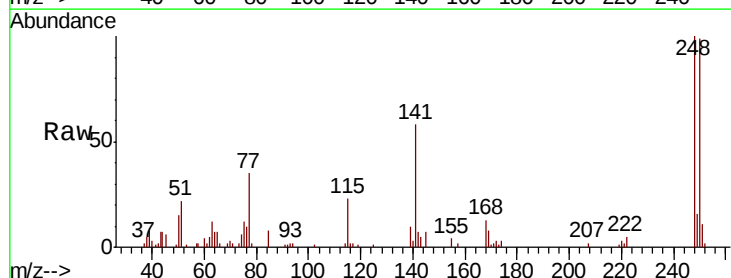


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

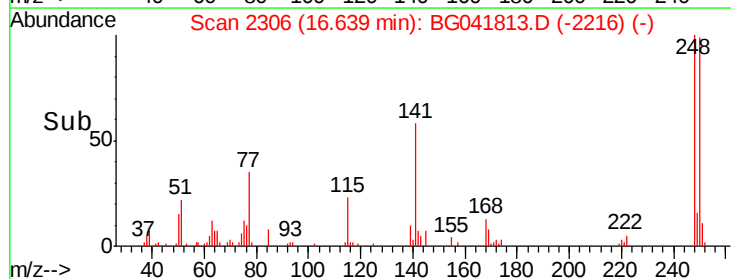
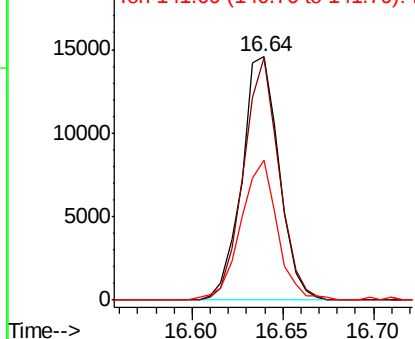


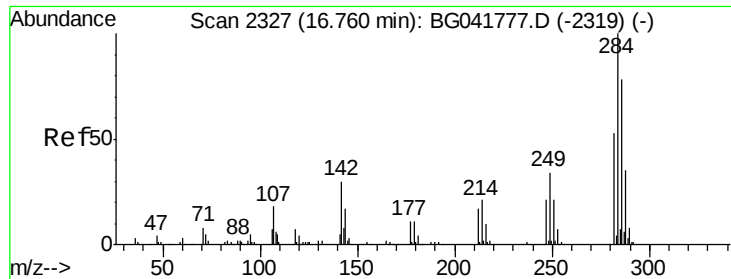
#67
 4-Bromophenyl-phenylether
 Concen: 3.251 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041813.D
 Acq: 30 Jul 2019 22:31

Tgt Ion:248 Resp: 20723
 Ion Ratio Lower Upper
 248 100
 250 99.4 78.1 117.1
 141 57.5 49.6 74.4



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: 3.283 ng

RT: 16.76 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

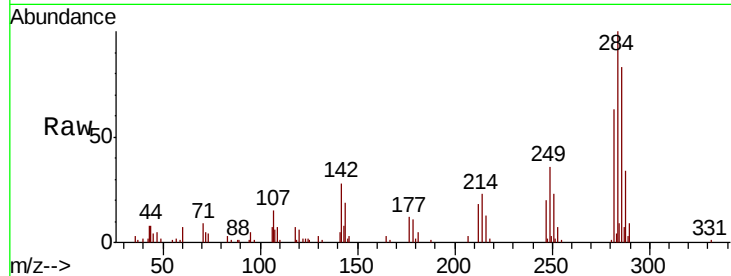
Tot Ion:284 Resp: 21893

Ion Ratio Lower Upper

284 100

142 27.9 27.0 40.6

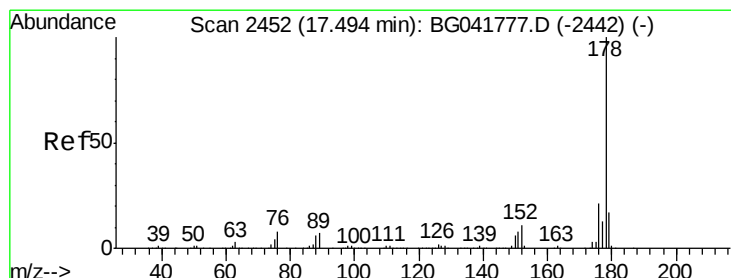
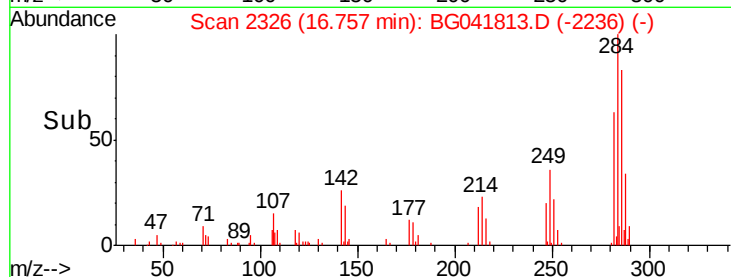
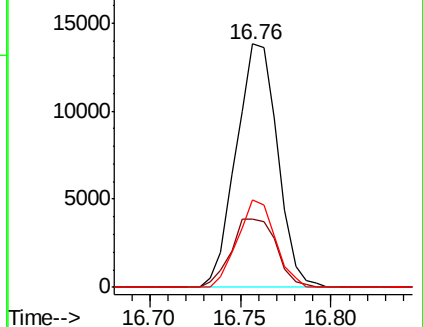
249 36.1 28.4 42.6



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



#71

Phenanthrene

Concen: 4.304 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

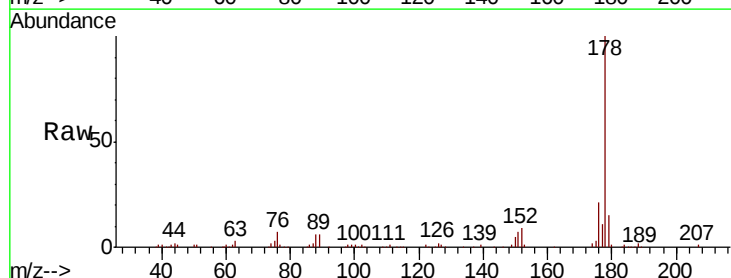
Tgt Ion:178 Resp: 106736

Ion Ratio Lower Upper

178 100

176 20.5 18.6 28.0

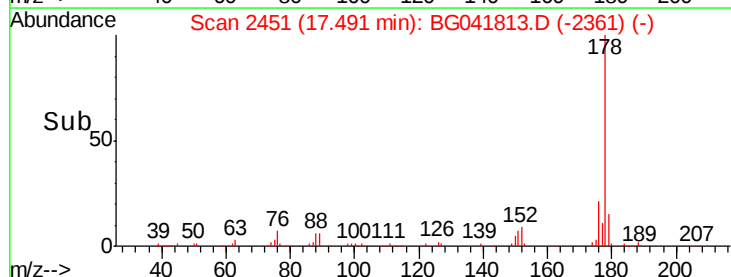
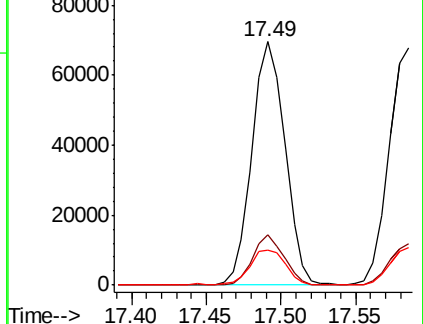
179 14.5 15.4 23.0#

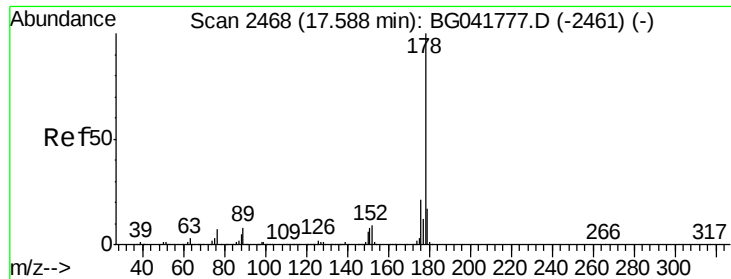


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 4.179 ng

RT: 17.59 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

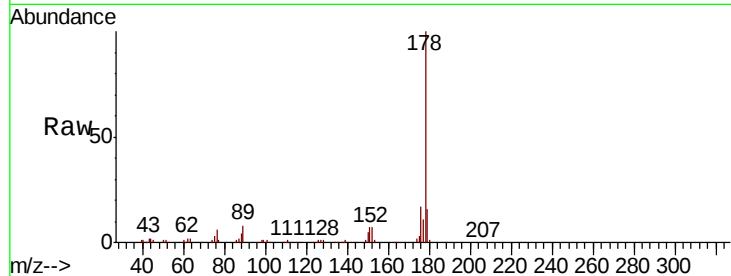
Tot Ion:178 Resp: 103374

Ion Ratio Lower Upper

178 100

176 17.5 18.6 28.0#

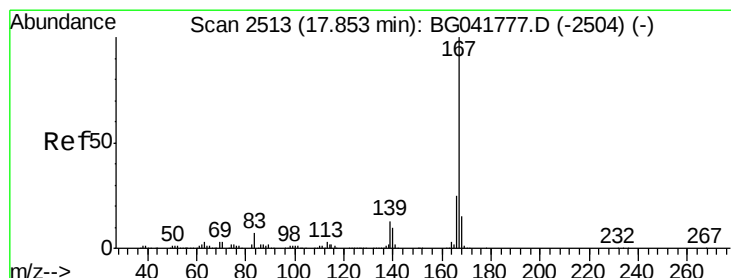
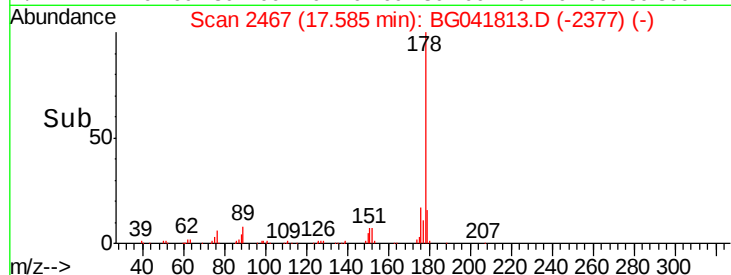
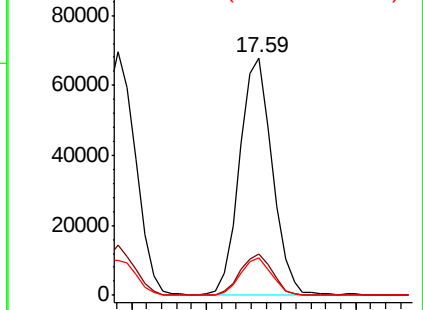
179 15.9 15.1 22.7



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: 4.836 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

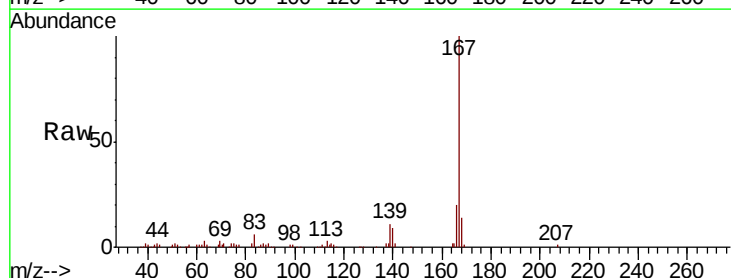
Tgt Ion:167 Resp: 107363

Ion Ratio Lower Upper

167 100

166 20.2 21.4 32.2#

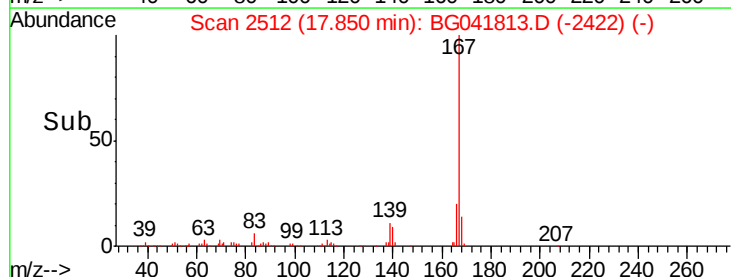
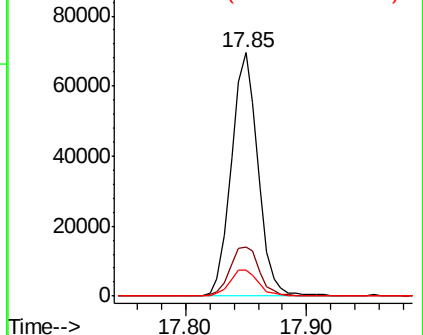
139 10.8 12.1 18.1#

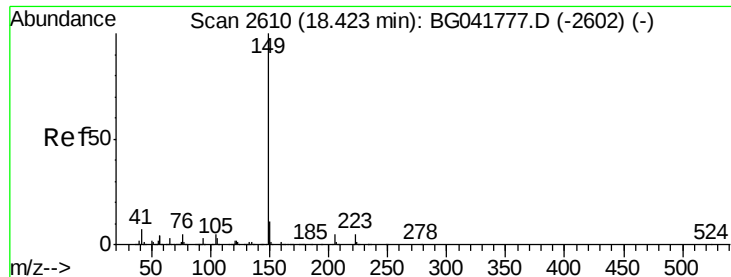


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 4.698 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

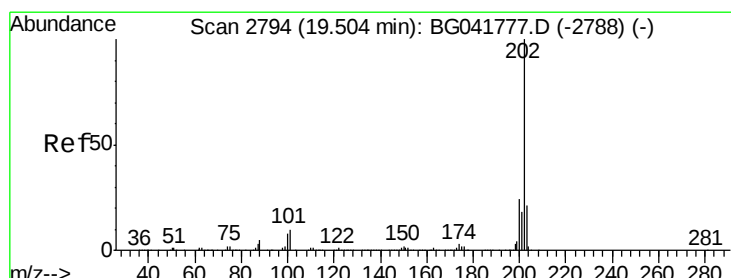
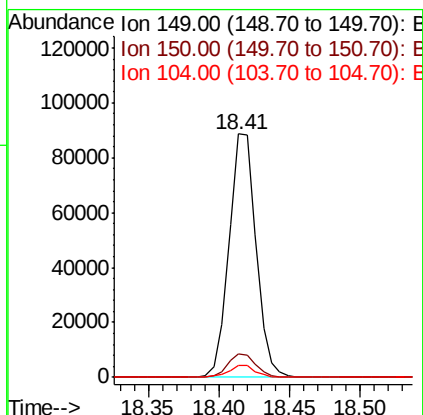
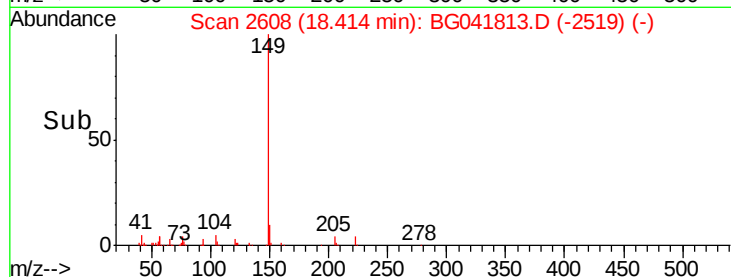
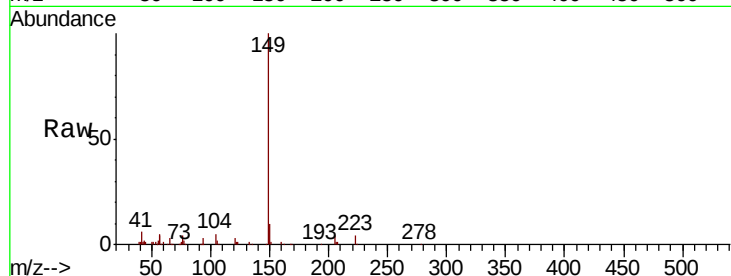
Tot Ion:149 Resp: 118253

Ion Ratio Lower Upper

149 100

150 9.7 10.2 15.2#

104 4.8 5.3 7.9#



#75

Fluoranthene

Concen: 5.253 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

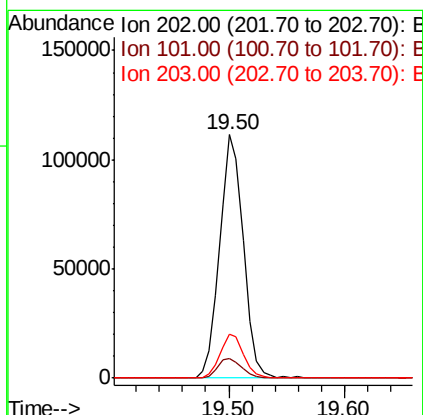
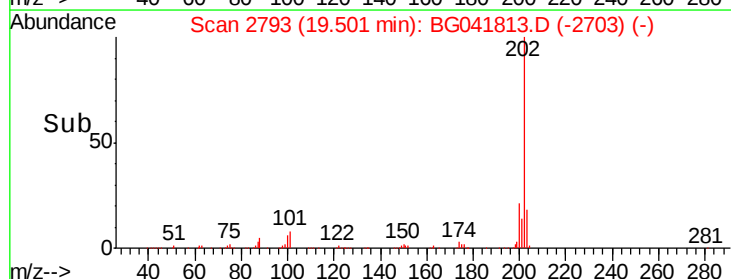
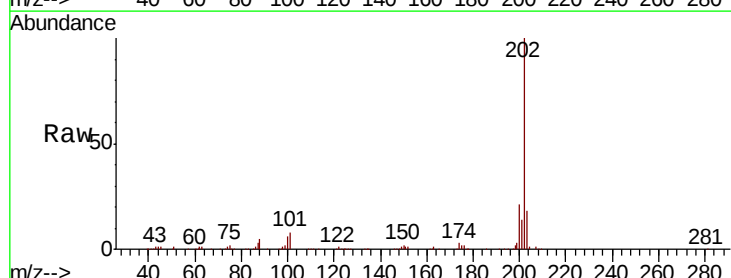
Tgt Ion:202 Resp: 158356

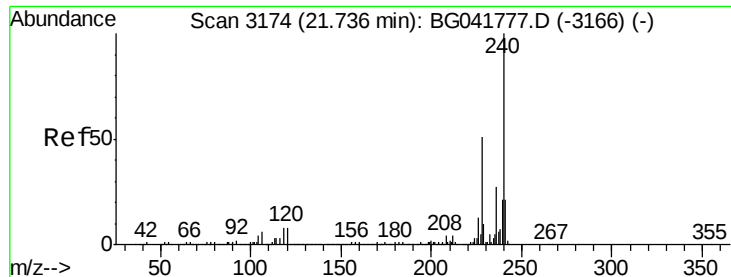
Ion Ratio Lower Upper

202 100

101 7.9 0.0 32.8

203 17.9 3.7 43.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

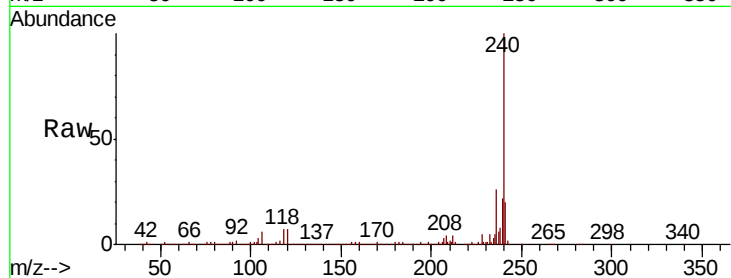
Tot Ion:240 Resp: 687312

Ion Ratio Lower Upper

240 100

120 7.5 8.0 12.0#

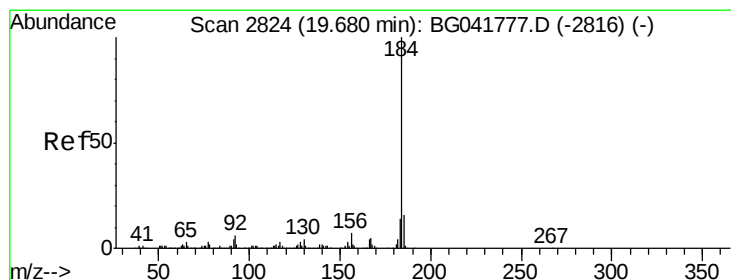
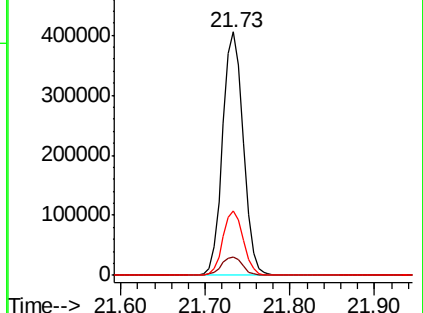
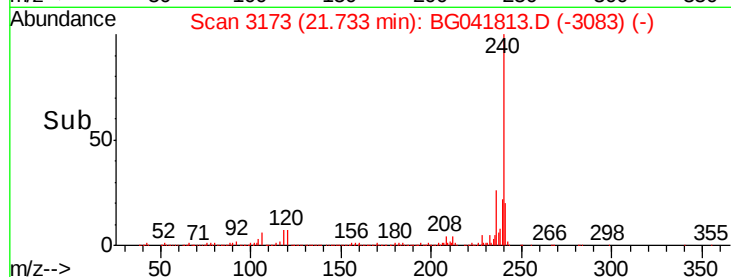
236 26.4 22.6 33.8



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: 2.027 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.38 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

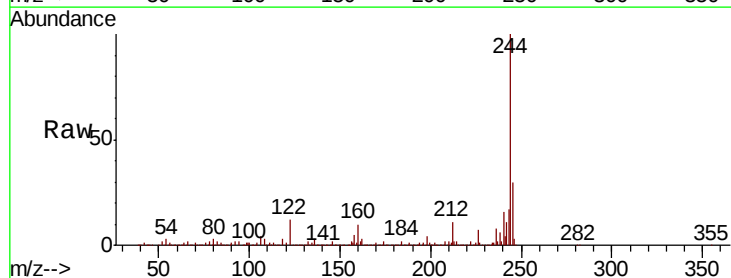
Tgt Ion:184 Resp: 45481

Ion Ratio Lower Upper

184 100

185 16.8 13.0 19.4

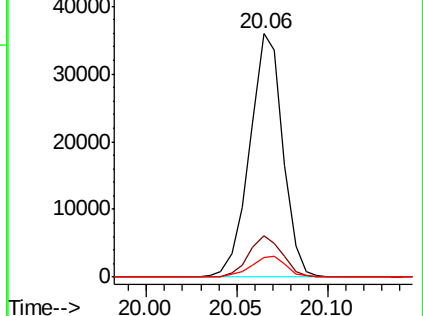
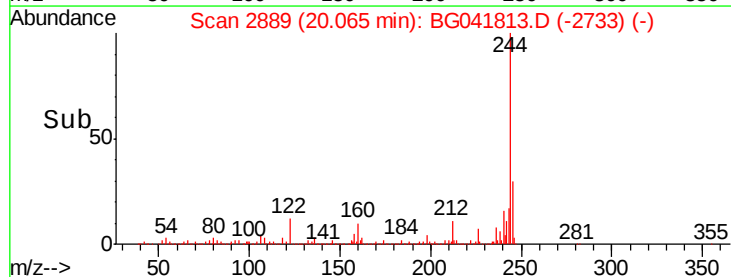
183 8.0 11.8 17.6#

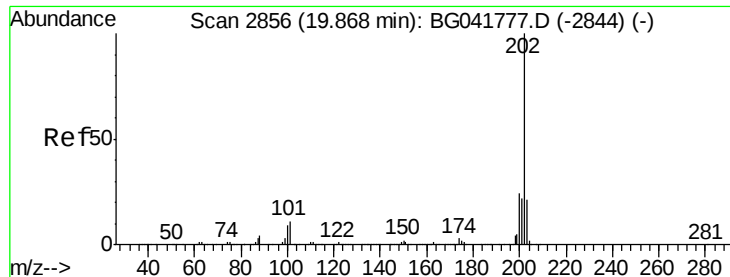


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 4.093 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

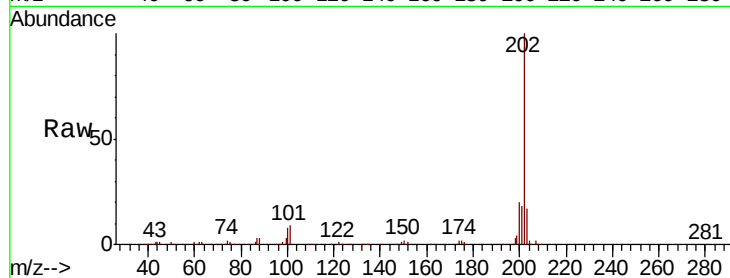
Tot Ion:202 Resp: 166656

Ion Ratio Lower Upper

202 100

200 19.6 22.2 33.2#

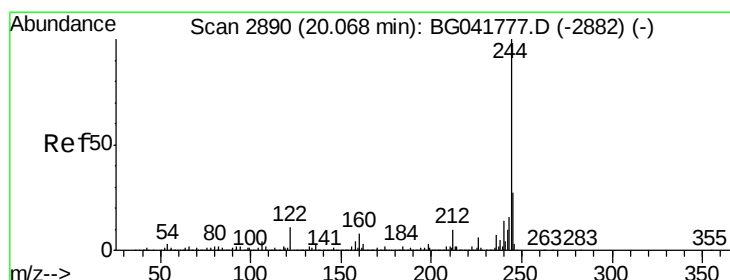
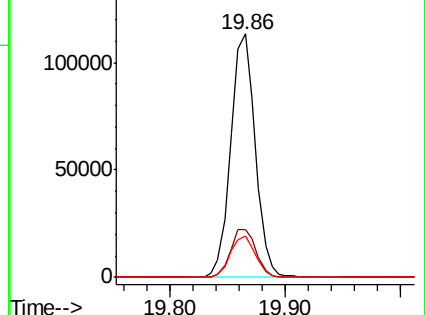
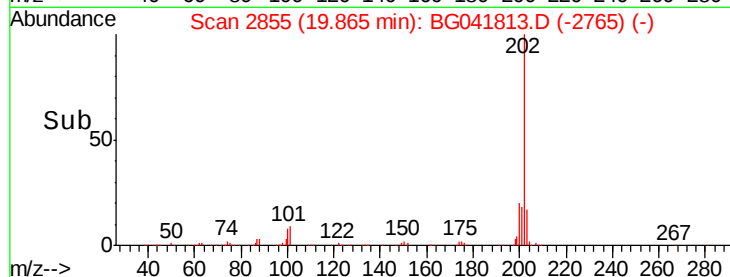
203 17.2 18.9 28.3#



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: 85.149 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

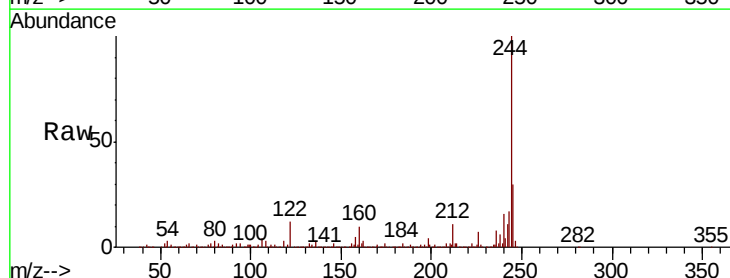
Tgt Ion:244 Resp: 2557575

Ion Ratio Lower Upper

244 100

212 10.9 9.7 14.5

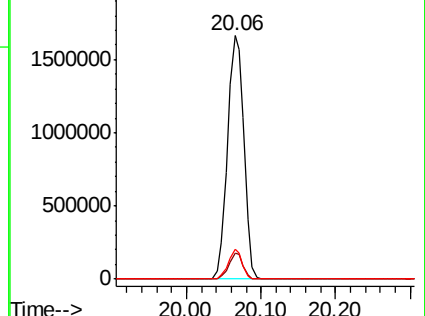
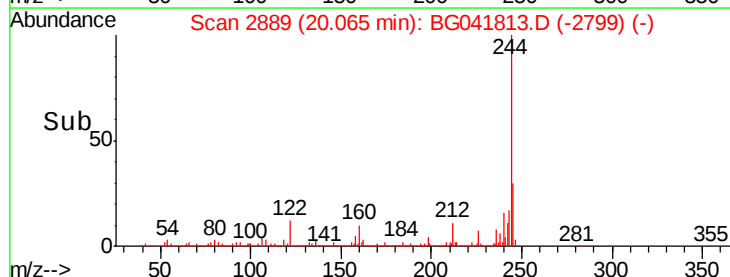
122 12.3 12.5 18.7#

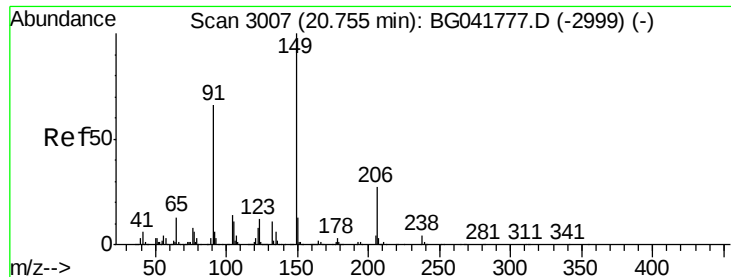


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

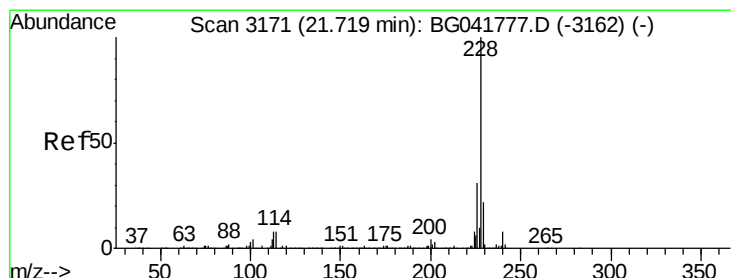
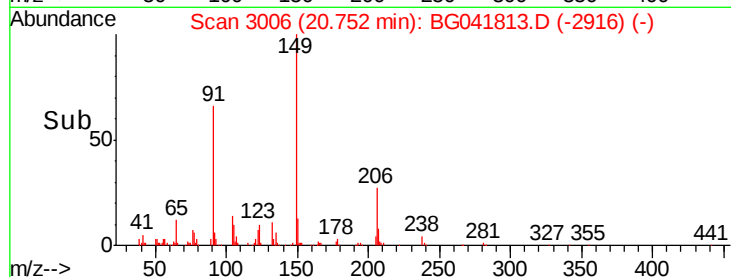
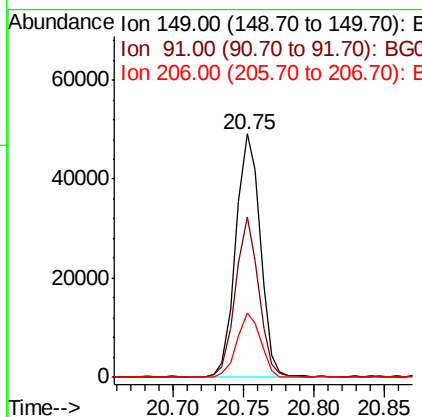
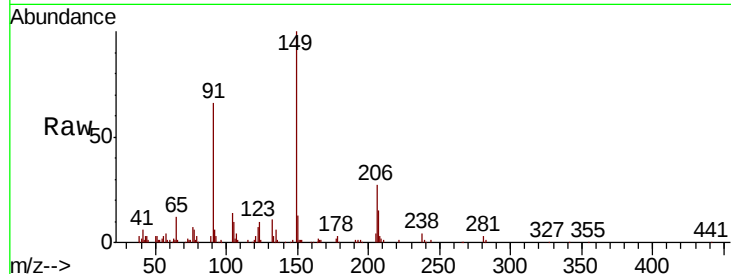




#80
Butylbenzylphthalate
Concen: 3.831 ng
RT: 20.75 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

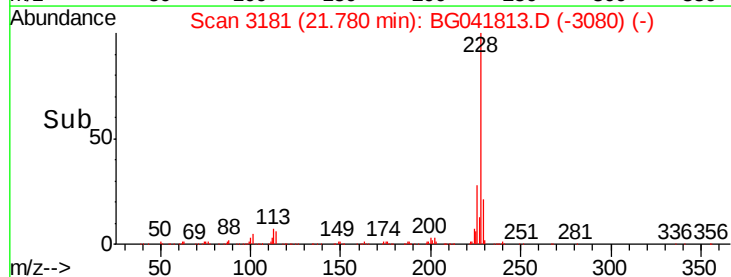
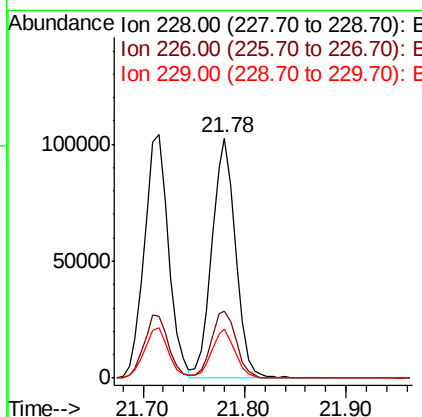
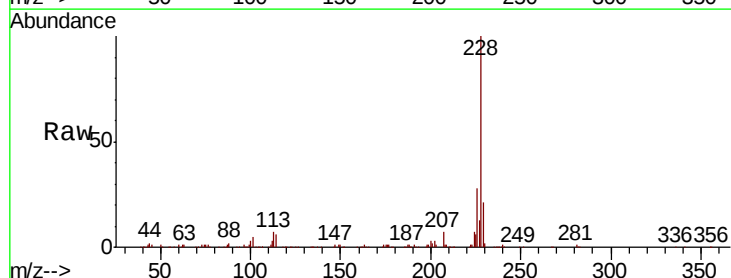
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

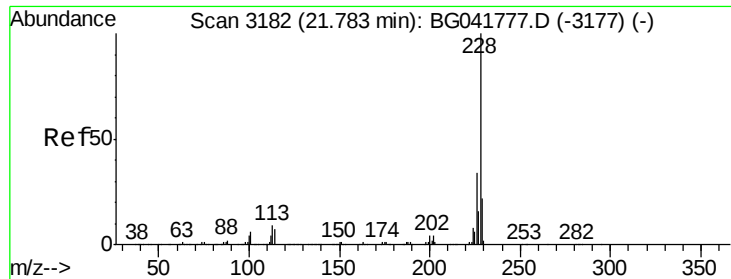
Tot Ion:149 Resp: 59809
Ion Ratio Lower Upper
149 100
91 66.0 58.9 88.3
206 26.6 20.8 31.2



#81
Benzo(a)anthracene
Concen: 4.080 ng
RT: 21.78 min Scan# 3181
Delta R.T. 0.06 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion:228 Resp: 165907
Ion Ratio Lower Upper
228 100
226 28.1 27.3 40.9
229 20.5 19.7 29.5





#83

Chrysene

Concen: 4.256 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

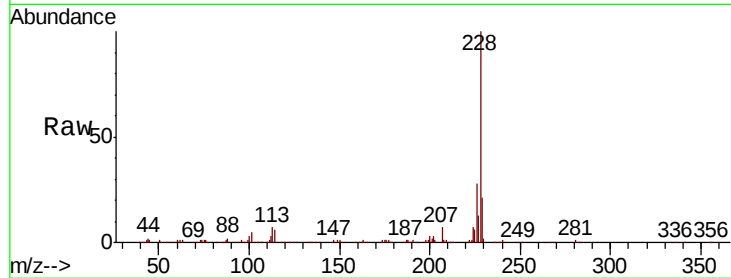
Tot Ion:228 Resp: 165907

Ion Ratio Lower Upper

228 100

226 28.1 30.1 45.1#

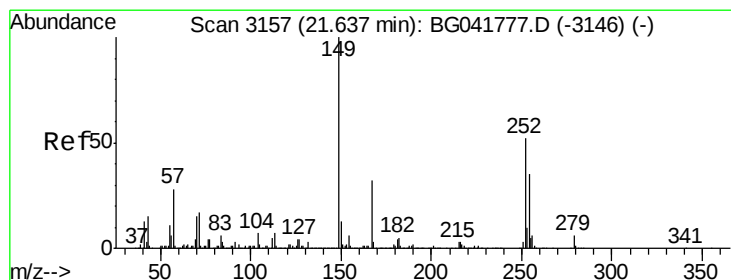
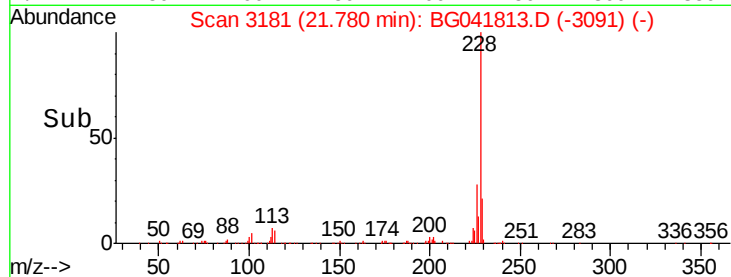
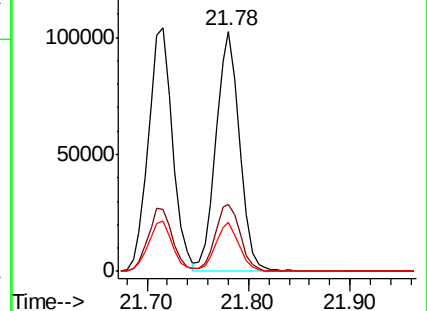
229 20.5 19.8 29.6



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: 3.961 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

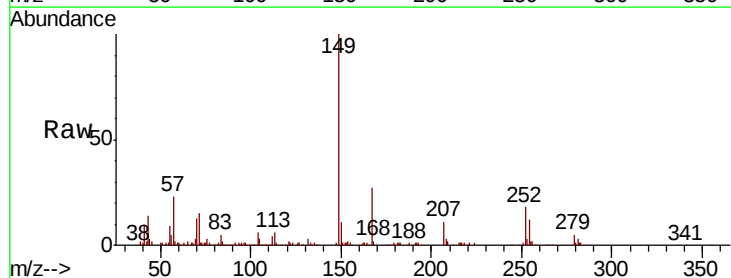
Tgt Ion:149 Resp: 85315

Ion Ratio Lower Upper

149 100

167 26.7 27.0 40.4#

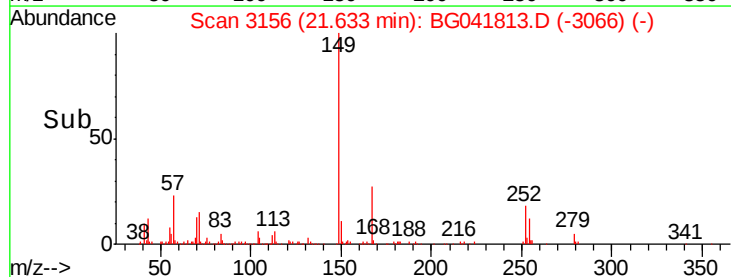
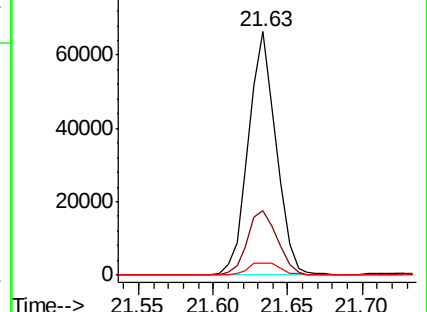
279 5.0 5.0 7.6#

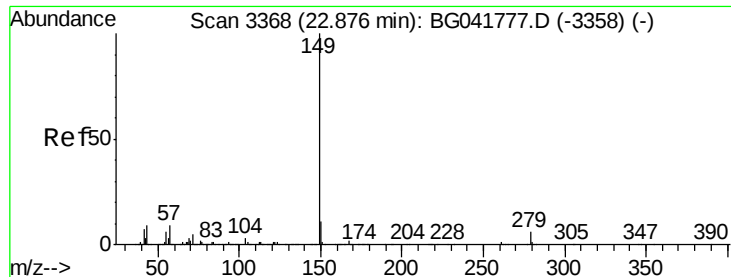


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 3.829 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

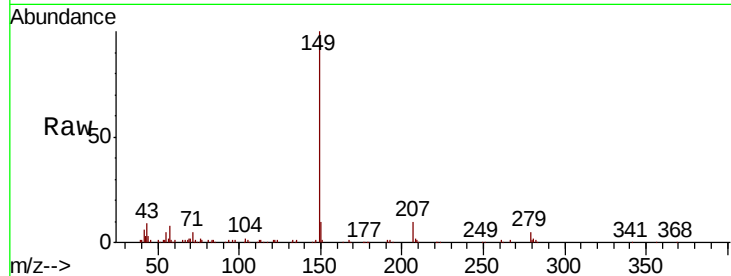
Tot Ion:149 Resp: 138786

Ion Ratio Lower Upper

149 100

167 1.5 1.6 2.4#

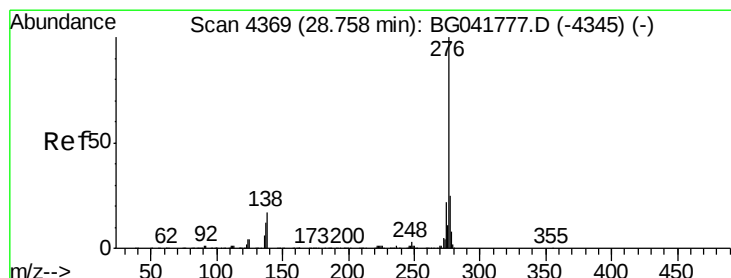
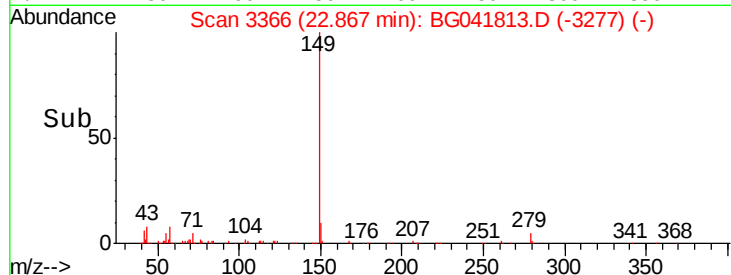
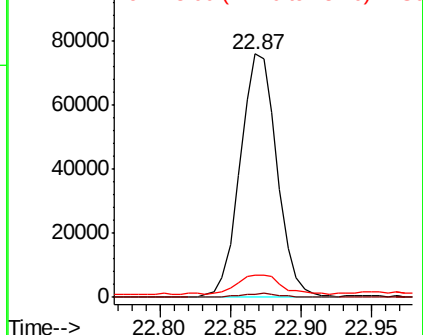
43 10.0 10.6 16.0#



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: 3.543 ng

RT: 28.73 min Scan# 4363

Delta R.T. -0.03 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

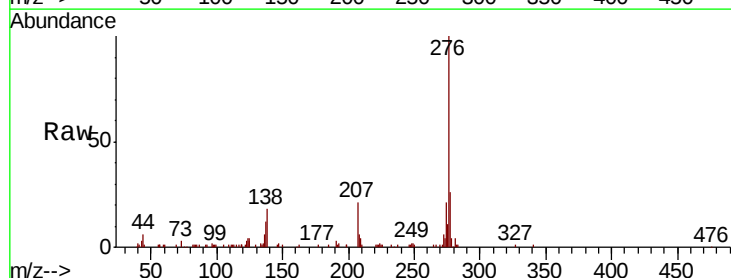
Tgt Ion:276 Resp: 182819

Ion Ratio Lower Upper

276 100

138 13.9 19.4 29.0#

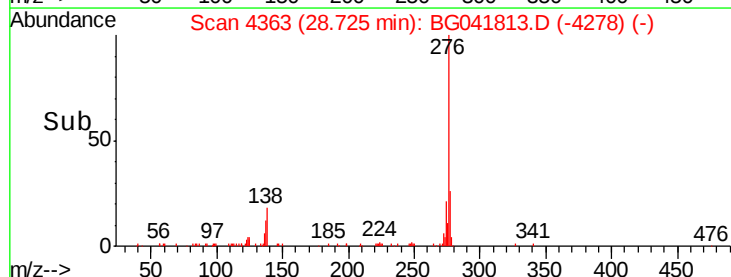
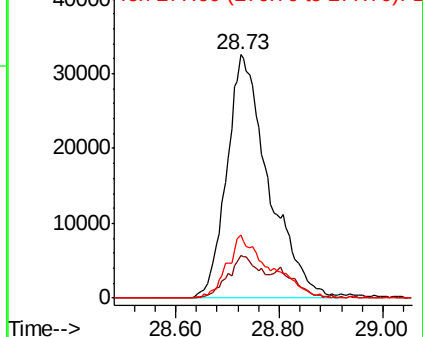
277 26.2 21.2 31.8

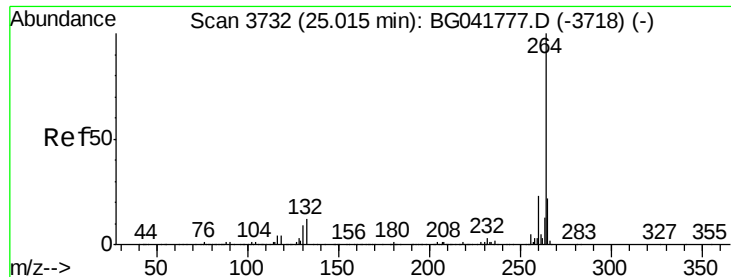


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

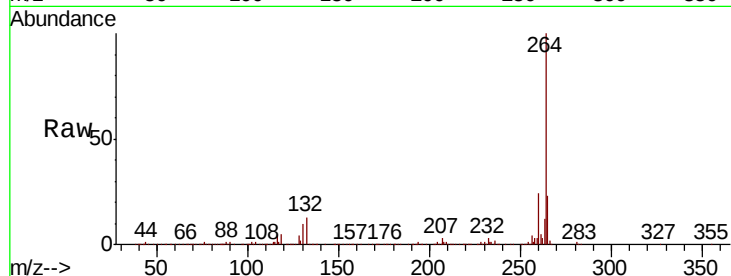
Tot Ion:264 Resp: 779668

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

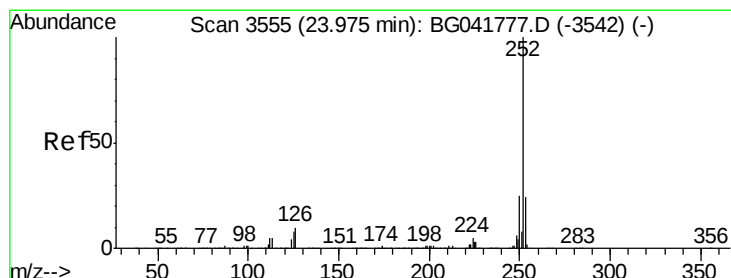
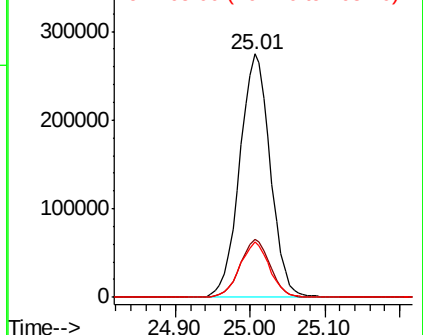
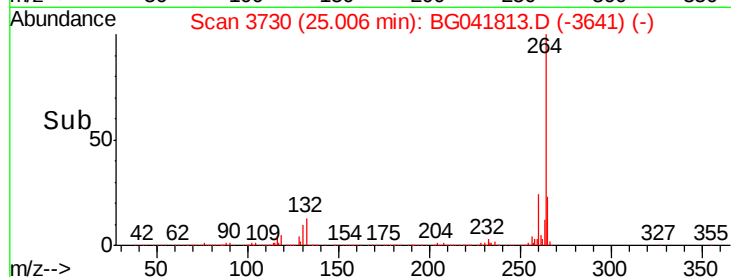
265 22.7 18.0 27.0



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: 3.904 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

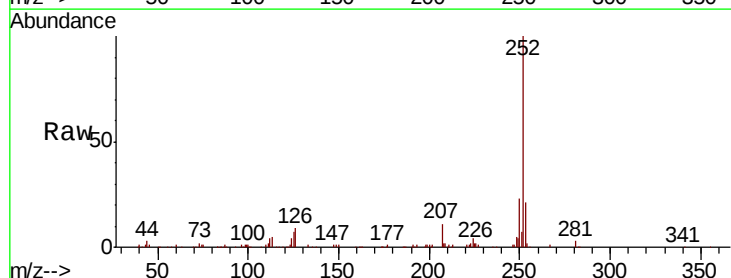
Tgt Ion:252 Resp: 166511

Ion Ratio Lower Upper

252 100

253 20.9 20.6 30.8

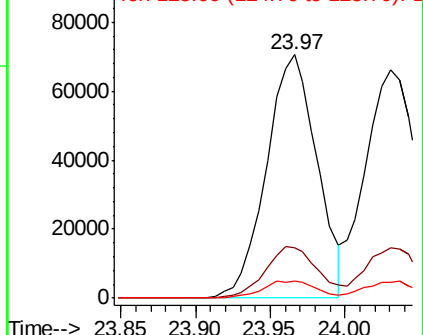
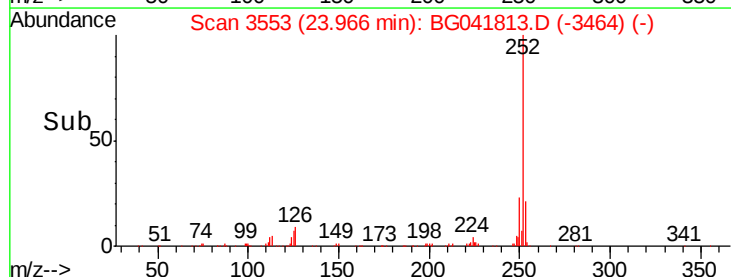
125 7.2 8.0 12.0#

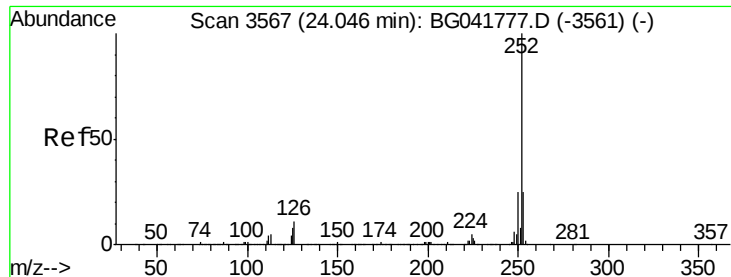


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

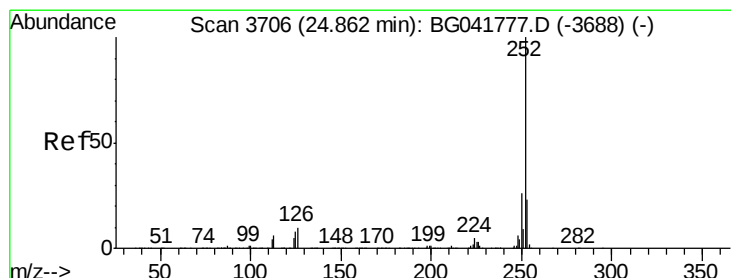
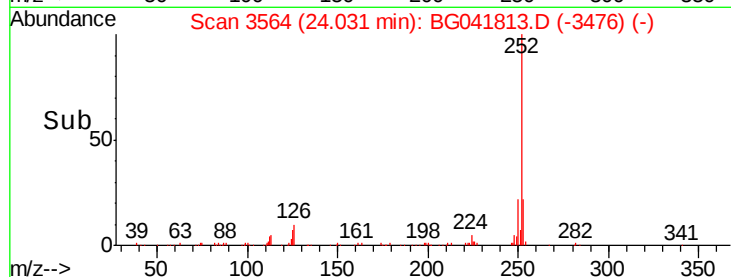
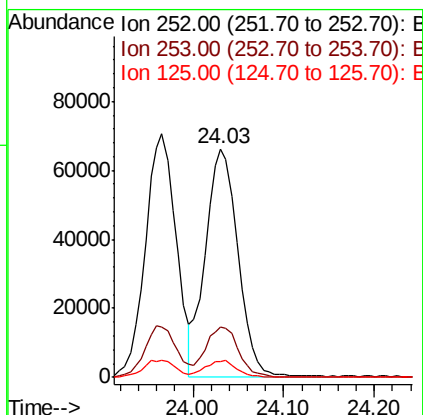
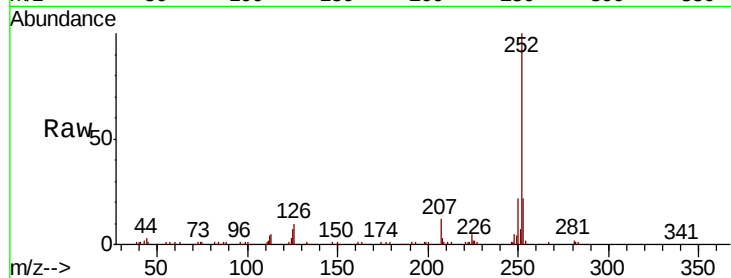




#89
Benzo(k)fluoranthene
Concen: 3.973 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

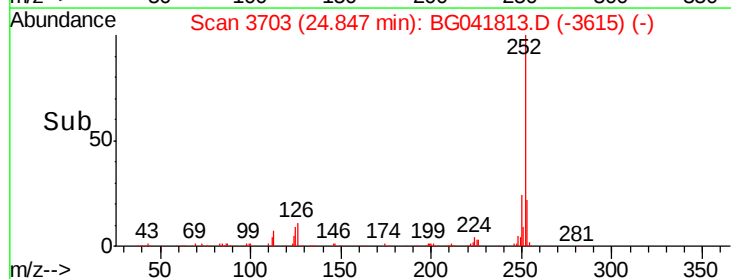
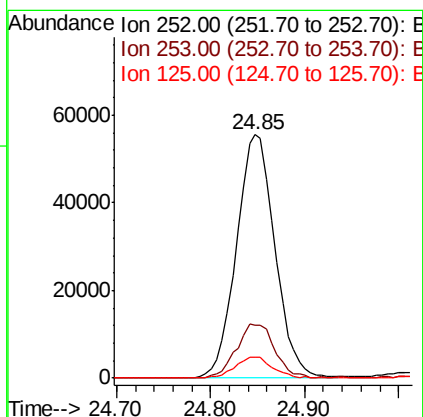
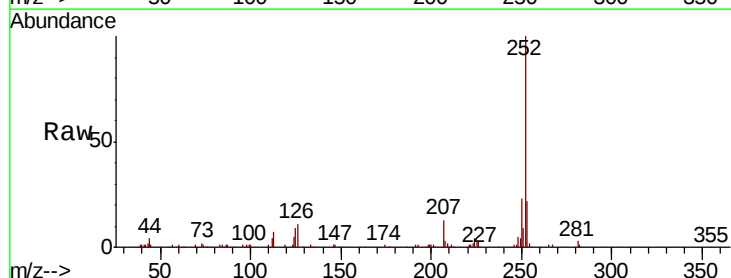
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

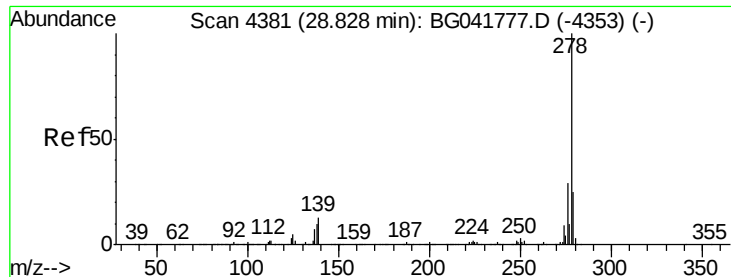
Tot Ion:252 Resp: 165077
Ion Ratio Lower Upper
252 100
253 22.3 20.5 30.7
125 7.0 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 3.851 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG041813.D
Acq: 30 Jul 2019 22:31

Tgt Ion:252 Resp: 157541
Ion Ratio Lower Upper
252 100
253 21.9 19.8 29.8
125 8.6 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 3.764 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.03 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

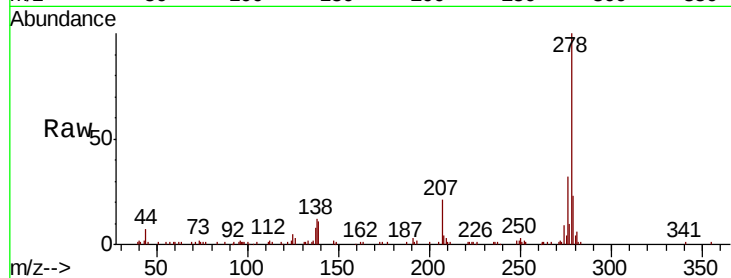
Tot Ion:278 Resp: 151173

Ion Ratio Lower Upper

278 100

139 10.9 12.6 19.0#

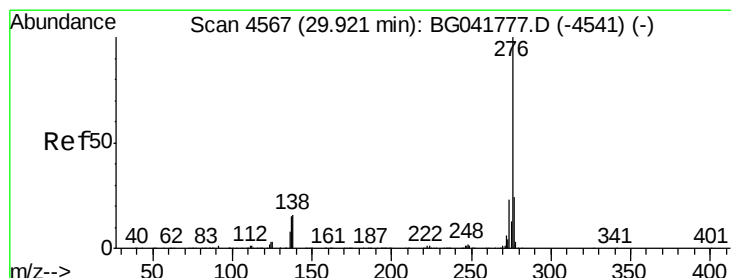
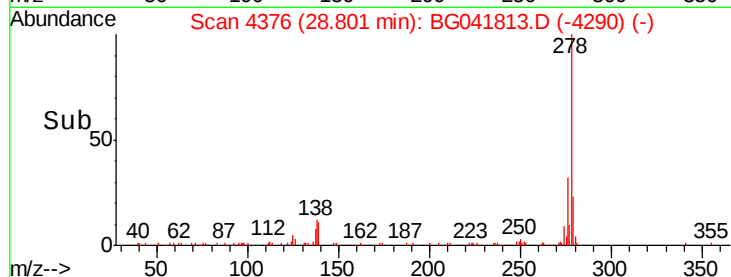
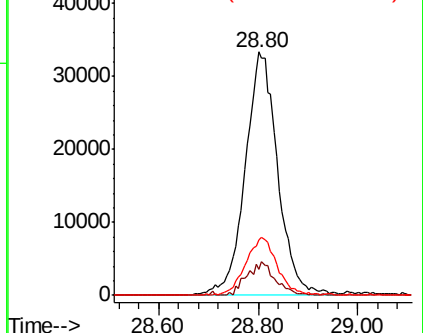
279 23.0 20.5 30.7



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: 3.733 ng

RT: 29.89 min Scan# 4562

Delta R.T. -0.03 min

Lab File: BG041813.D

Acq: 30 Jul 2019 22:31

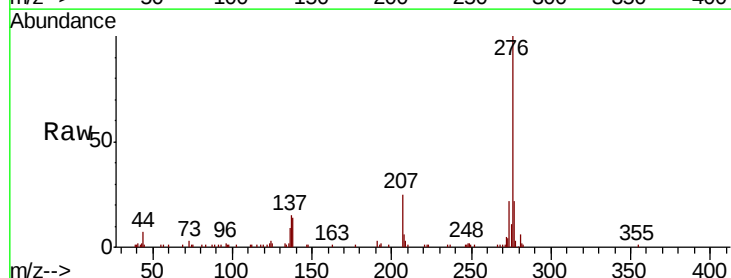
Tgt Ion:276 Resp: 149786

Ion Ratio Lower Upper

276 100

277 22.4 19.8 29.8

138 14.1 16.6 25.0#



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

