

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041834.D
 Acq On : 31 Jul 2019 15:31
 Operator : HP/JU
 Sample : K4044-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 16:23:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	70442	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	303653	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	261038	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	671848	20.00	ng	0.00
76) Chrysene-d12	21.74	240	680406	20.00	ng	0.00
87) Perylene-d12	25.01	264	801956	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	489012	135.07	ng	0.00
7) Phenol-d6	7.20	99	702289	143.88	ng	0.00
23) Nitrobenzene-d5	9.21	82	410941	93.13	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	475818	160.48	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1152788	77.89	ng	0.00
79) Terphenyl-d14	20.06	244	2210908	74.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	42761	25.093	ng	95
3) Pyridine	3.86	79	106133	22.712	ng	92
4) n-Nitrosodimethylamine	3.77	42	62260	33.609	ng	95
6) Aniline	7.35	93	142035	20.666	ng	95
8) 2-Chlorophenol	7.60	128	173695	41.896	ng	94
9) Benzaldehyde	7.17	77	94665	27.563	ng	94
10) Phenol	7.22	94	213137	41.973	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	143706	34.424	ng	93
12) 1,3-Dichlorobenzene	7.94	146	177838	32.866	ng	97
13) 1,4-Dichlorobenzene	8.08	146	182664	33.738	ng	96
14) 1,2-Dichlorobenzene	8.40	146	174260	33.730	ng	97
15) Benzyl Alcohol	8.28	79	153993	40.102	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	241640	32.535	ng	97
17) 2-Methylphenol	8.48	107	152980	41.424	ng	99
18) Hexachloroethane	9.13	117	61103	32.956	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	127952	36.107	ng	94
20) 3+4-Methylphenols	8.81	107	215958	42.733	ng	98
22) Acetophenone	8.86	105	250626	36.900	ng	# 93
24) Nitrobenzene	9.25	77	186507	40.121	ng	97
25) Isophorone	9.78	82	374370	39.002	ng	100
26) 2-Nitrophenol	9.97	139	108923	50.486	ng	94
27) 2,4-Dimethylphenol	10.03	122	172610	45.331	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	218466	36.421	ng	100
29) 2,4-Dichlorophenol	10.51	162	217487	46.902	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	211991	36.051	ng	96
31) Naphthalene	10.91	128	535157	38.508	ng	97
32) Benzoic acid	10.03	122	172610	60.644	ng	# 14
33) 4-Chloroaniline	11.02	127	130257	19.764	ng	93
34) Hexachlorobutadiene	11.21	225	131748	33.197	ng	98
35) Caprolactam	11.79	113	40627	25.211	ng	# 74
36) 4-Chloro-3-methylphenol	12.14	107	234965	51.110	ng	96
37) 2-Methylnaphthalene	12.52	142	446858	40.623	ng	98
38) 1-Methylnaphthalene	12.74	142	428549	41.109	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	282418	34.179	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041834.D
 Acq On : 31 Jul 2019 15:31
 Operator : HP/JU
 Sample : K4044-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 16:23:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

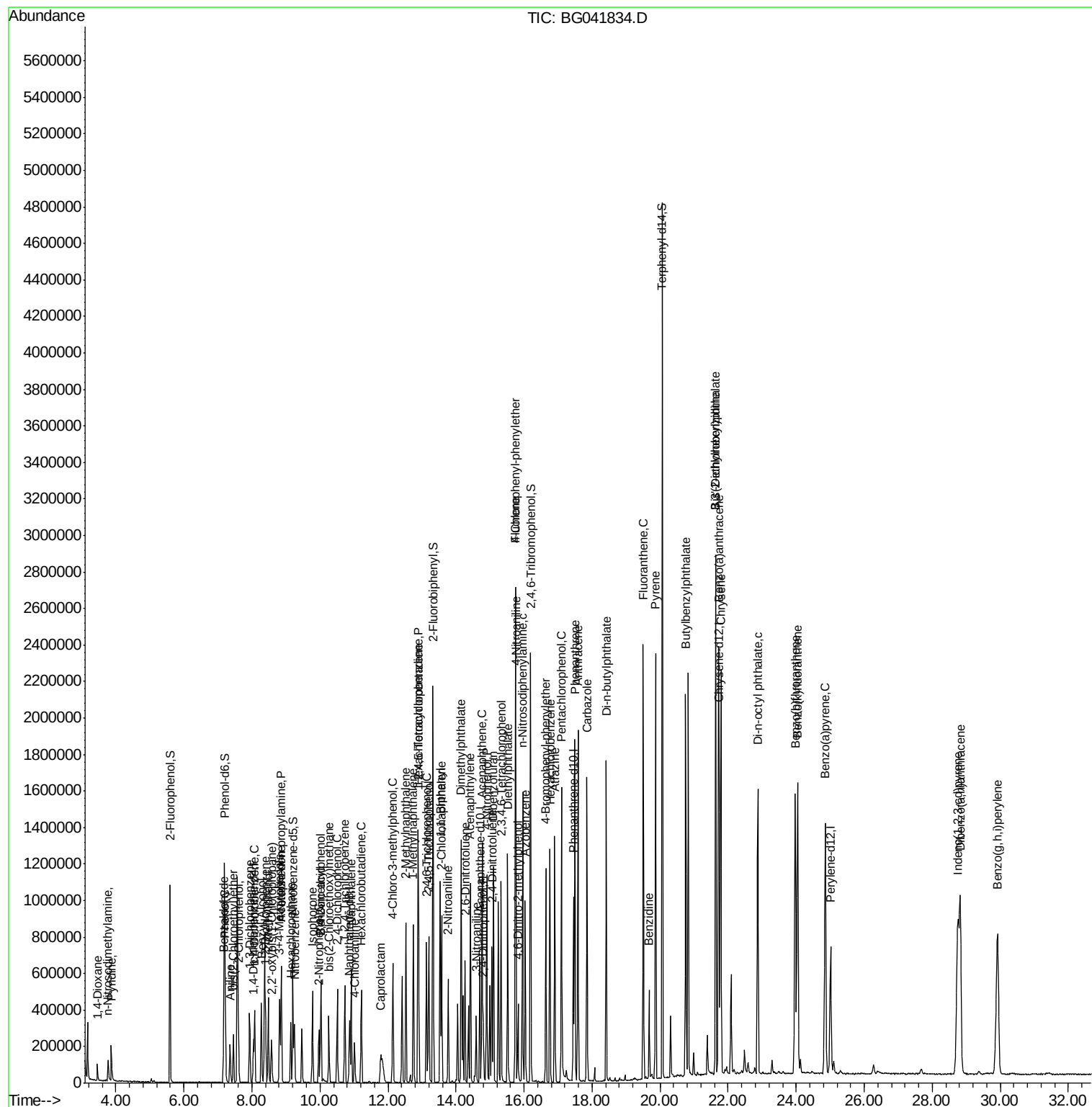
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	299378	64.443	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	222872	42.675	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	250841	46.219	ng	94
46) 1,1'-Biphenyl	13.54	154	598027	35.639	ng	96
47) 2-Chloronaphthalene	13.58	162	497879	34.849	ng	96
48) 2-Nitroaniline	13.77	65	159145	43.921	ng	86
49) Acenaphthylene	14.42	152	836483	39.142	ng	97
50) Dimethylphthalate	14.15	163	929911	52.161	ng	99
51) 2,6-Dinitrotoluene	14.26	165	177287	47.558	ng	87
52) Acenaphthene	14.76	154	537373	38.662	ng	98
53) 3-Nitroaniline	14.59	138	106344	26.665	ng	# 96
54) 2,4-Dinitrophenol	14.80	184	105740	53.656	ng	88
55) Dibenzofuran	15.10	168	850858	40.022	ng	94
56) 4-Nitrophenol	14.90	139	350720	115.855	ng	91
57) 2,4-Dinitrotoluene	15.05	165	258549	50.433	ng	92
58) Fluorene	15.75	166	707353	41.460	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	269754	50.185	ng	92
60) Diethylphthalate	15.52	149	747083	42.684	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	409266	39.294	ng	94
62) 4-Nitroaniline	15.76	138	193086	44.699	ng	97
63) Azobenzene	16.03	77	575096	40.223	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	135788	42.252	ng	86
66) n-Nitrosodiphenylamine	15.96	169	693055	37.870	ng	97
67) 4-Bromophenyl-phenylether	16.64	248	295172	35.667	ng	97
68) Hexachlorobenzene	16.76	284	306177	35.363	ng	92
69) Atrazine	16.90	200	281495	39.149	ng	100
70) Pentachlorophenol	17.10	266	387623	78.810	ng	98
71) Phenanthrene	17.50	178	1224455	38.022	ng	95
72) Anthracene	17.58	178	1256724	39.128	ng	96
73) Carbazole	17.85	167	1159208	40.212	ng	95
74) Di-n-butylphthalate	18.42	149	1283293	39.267	ng	96
75) Fluoranthene	19.50	202	1551548	39.637	ng	92
77) Benzidine	19.68	184	312817	14.085	ng	95
78) Pyrene	19.86	202	1537773	38.146	ng	94
80) Butylbenzylphthalate	20.75	149	610432	39.495	ng	91
81) Benzo(a)anthracene	21.71	228	1510022	37.511	ng	96
82) 3,3'-Dichlorobenzidine	21.63	252	397054	24.566	ng	97
83) Chrysene	21.78	228	1480252	38.360	ng	95
84) Bis(2-ethylhexyl)phthalate	21.63	149	850898	39.910	ng	99
85) Di-n-octyl phthalate	22.87	149	1467057	40.887	ng	# 91
86) Indeno(1,2,3-cd)pyrene	28.75	276	1957368	38.318	ng	# 88
88) Benzo(b)fluoranthene	23.97	252	1678582	38.262	ng	# 96
89) Benzo(k)fluoranthene	24.04	252	1621378	37.941	ng	# 97
90) Benzo(a)pyrene	24.86	252	1651894	39.261	ng	# 96
91) Dibenzo(a,h)anthracene	28.82	278	1603802	38.820	ng	# 96
92) Benzo(g,h,i)perylene	29.92	276	1621370	39.281	ng	# 94

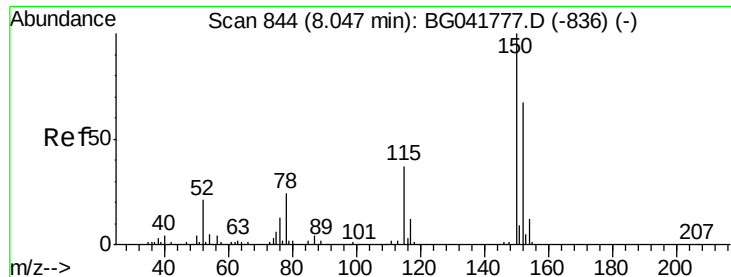
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041834.D
Acq On : 31 Jul 2019 15:31
Operator : HP/JU
Sample : K4044-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 31 16:23:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



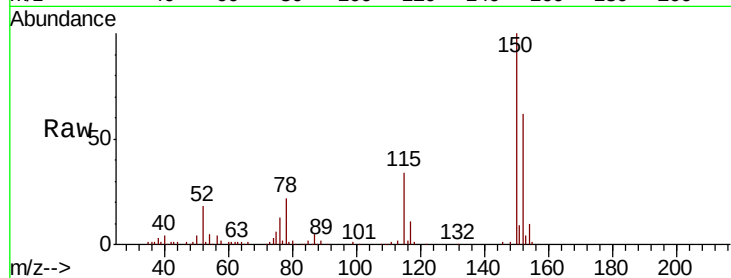


#1

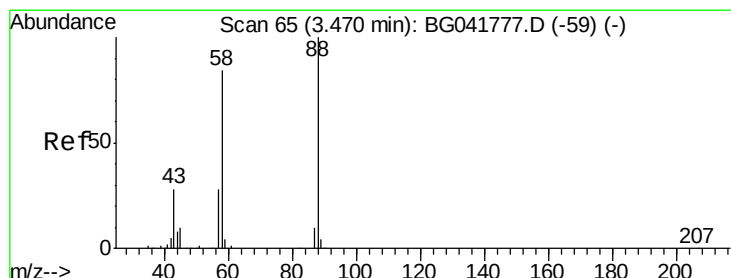
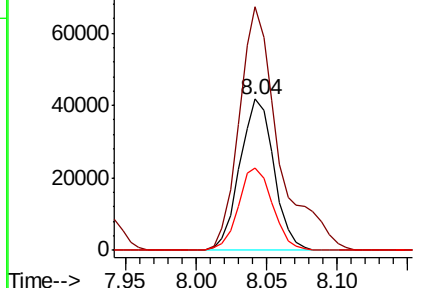
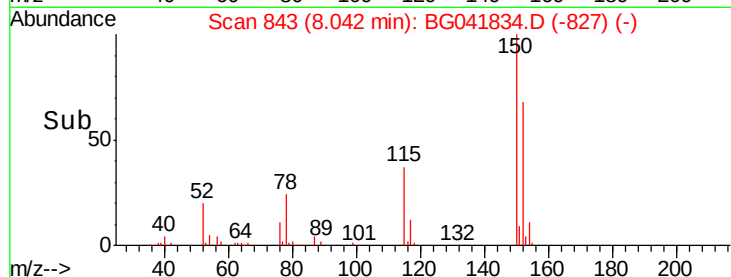
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 70442
Ion Ratio Lower Upper
152 100
150 161.0 126.9 190.3
115 54.7 45.0 67.6



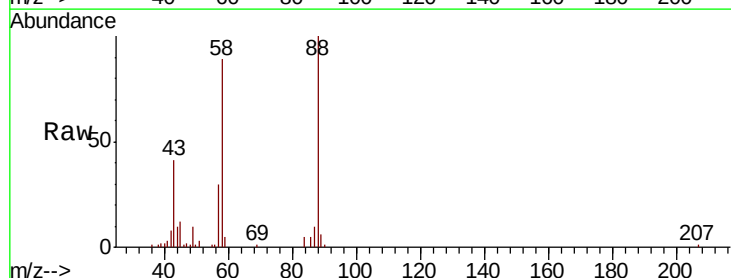
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



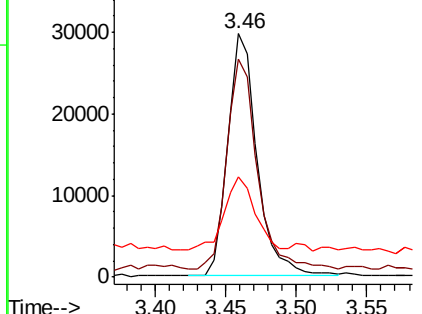
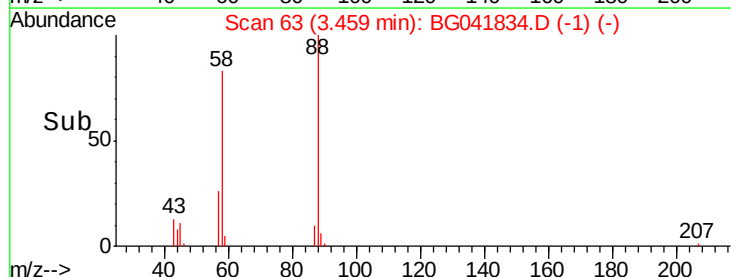
#2

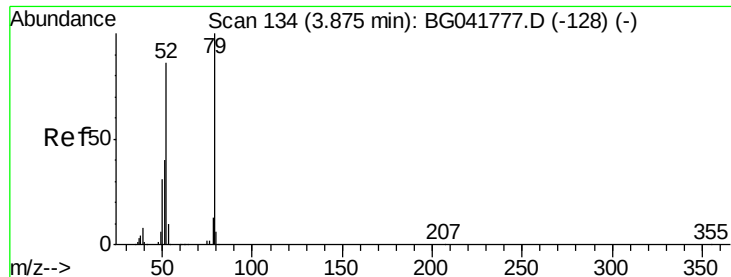
1,4-Dioxane
Concen: 25.093 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion: 88 Resp: 42761
Ion Ratio Lower Upper
88 100
58 89.8 76.2 114.2
43 31.6 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: 22.712 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampleId :

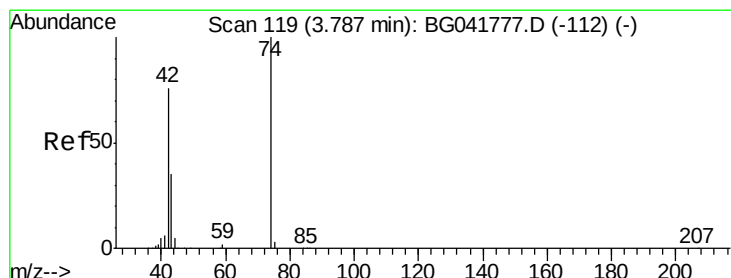
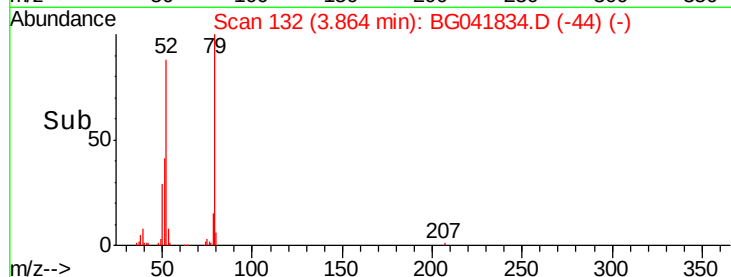
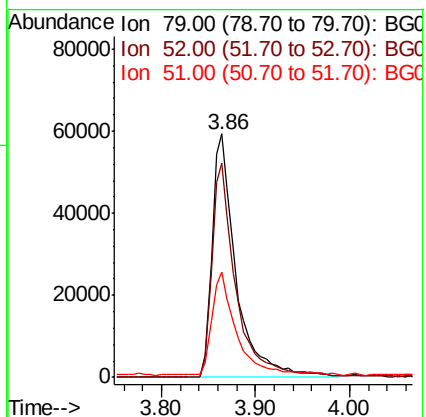
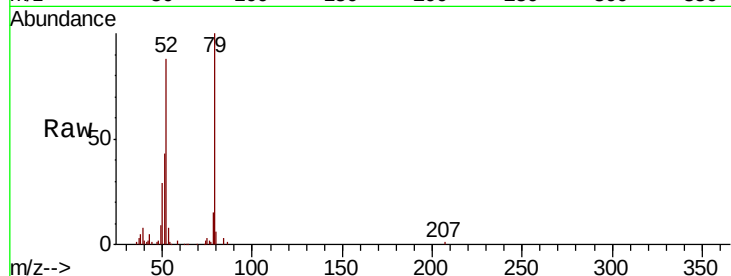
Tot Ion: 79 Resp: 106133

Ion Ratio Lower Upper

79 100

52 88.2 77.1 115.7

51 43.3 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 33.609 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

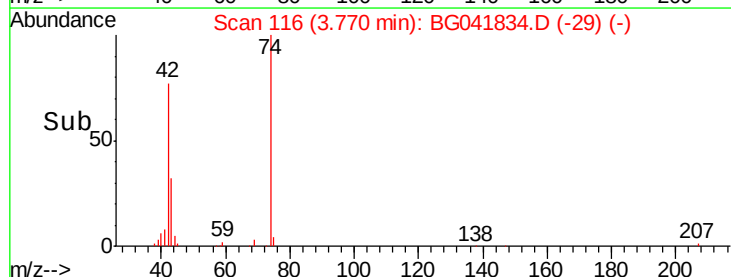
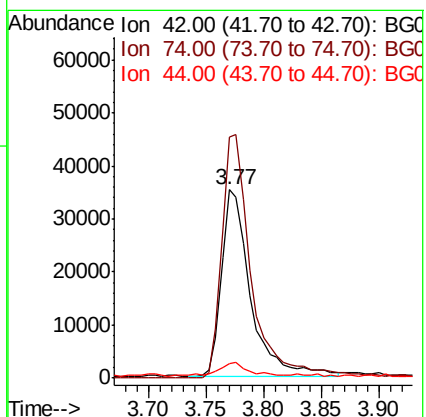
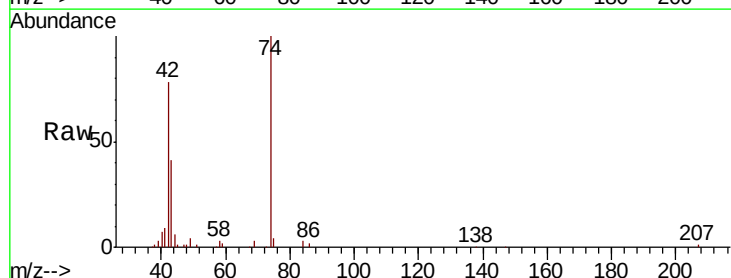
Tgt Ion: 42 Resp: 62260

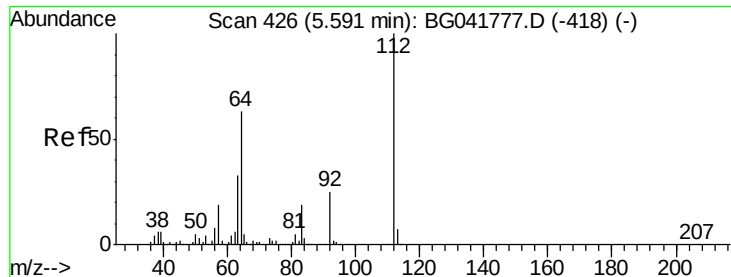
Ion Ratio Lower Upper

42 100

74 128.0 97.4 146.2

44 7.8 6.6 9.8





#5

2-Fluorophenol

Concen: 135.066 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampleId :

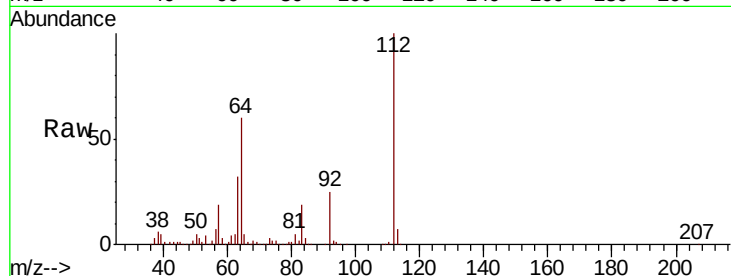
Tot Ion:112 Resp: 489012

Ion Ratio Lower Upper

112 100

64 59.9 55.4 83.2

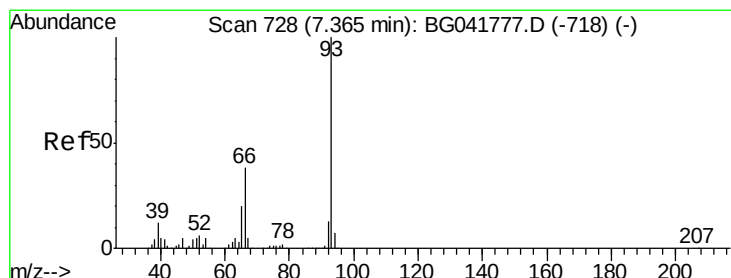
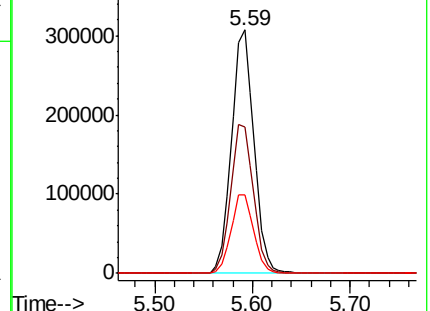
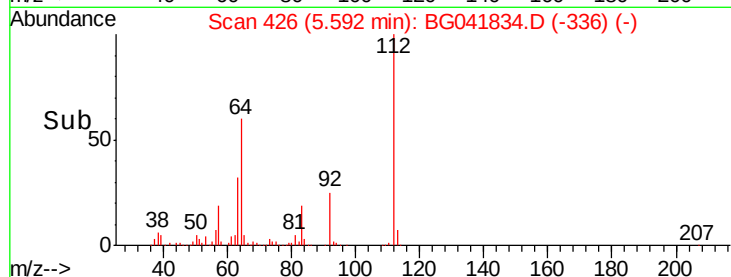
63 32.4 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.666 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

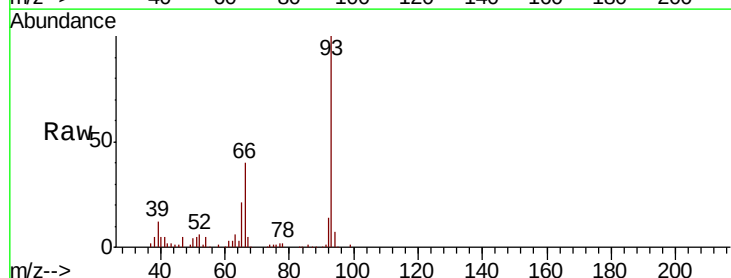
Tgt Ion: 93 Resp: 142035

Ion Ratio Lower Upper

93 100

66 39.5 34.2 51.2

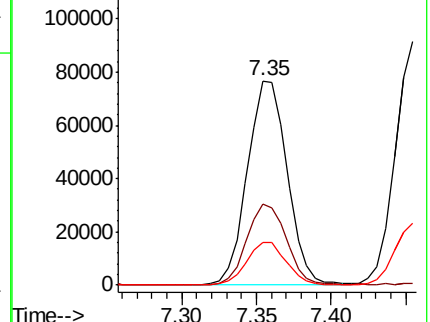
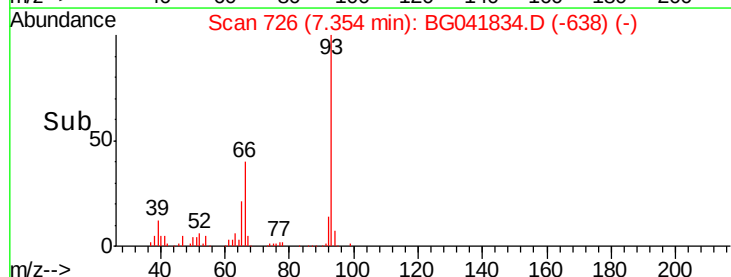
65 20.7 18.2 27.2

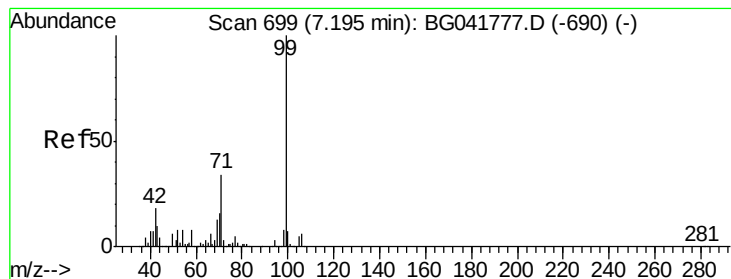


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.880 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

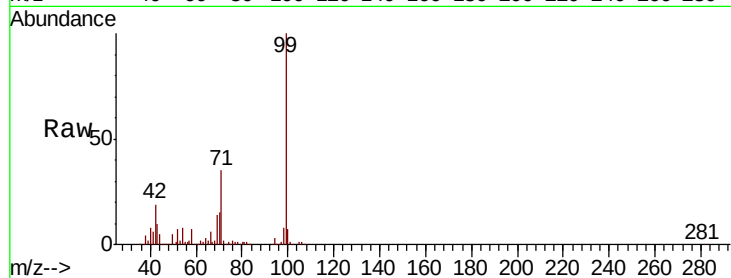
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 702289

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.6	26.4
71	35.3	27.8	41.6

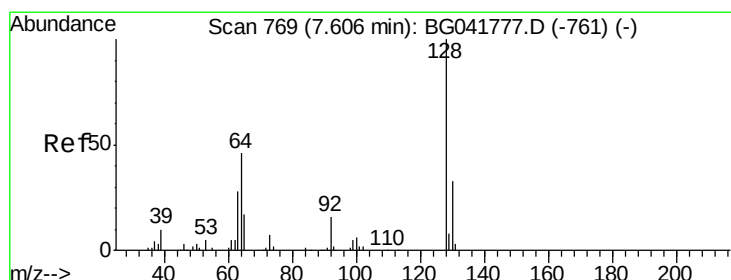
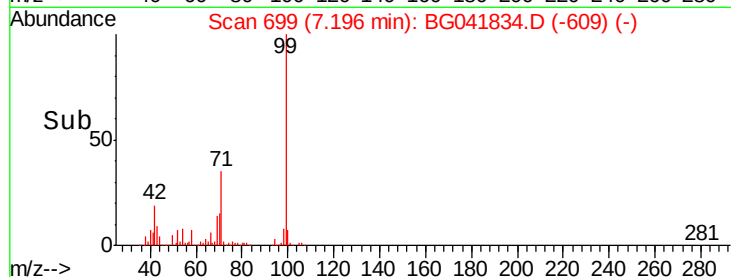
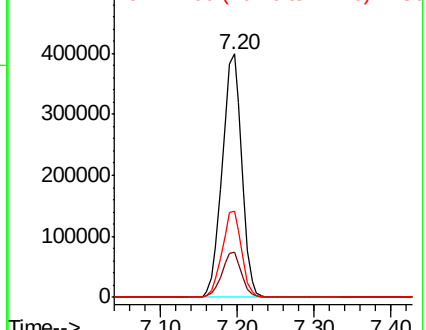


Abundance

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: 41.896 ng

RT: 7.60 min Scan# 768

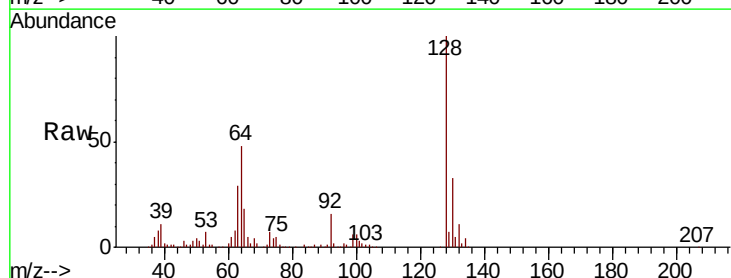
Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Tgt Ion: 128 Resp: 173695

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.4	52.4
64	48.2	34.9	74.9

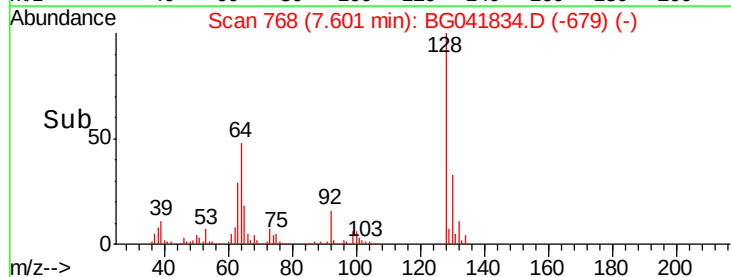
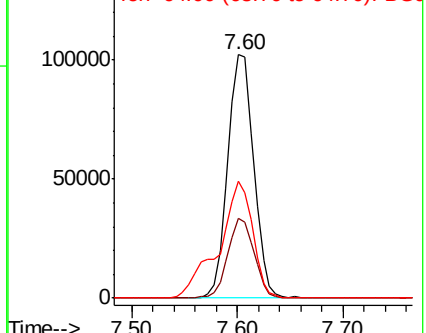


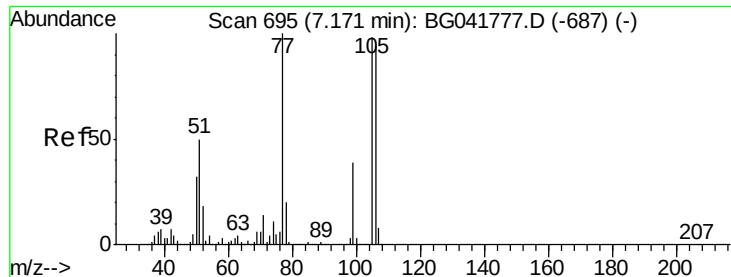
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.563 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampled :

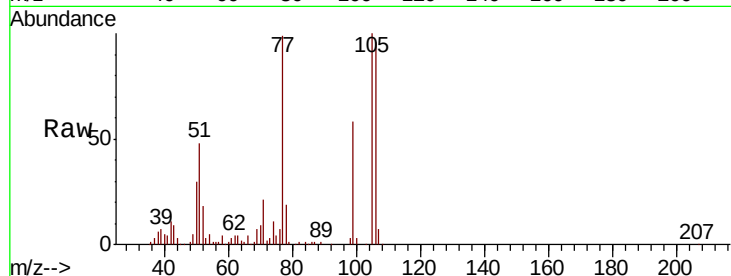
Tot Ion: 77 Resp: 94665

Ion Ratio Lower Upper

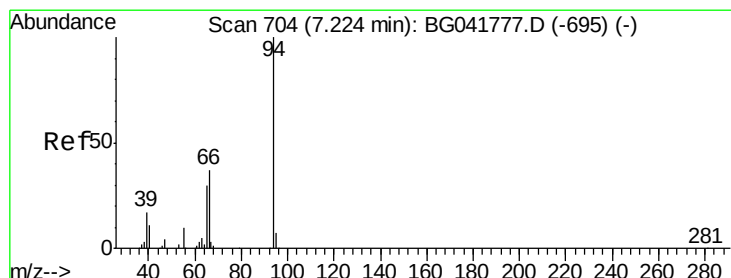
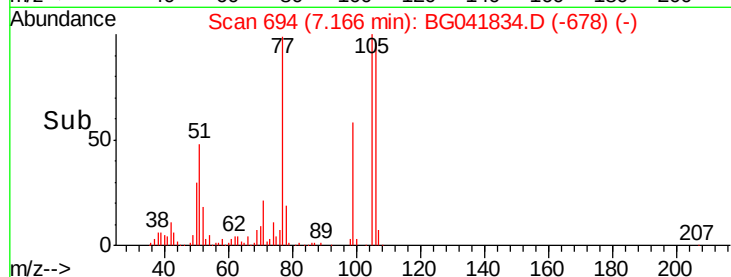
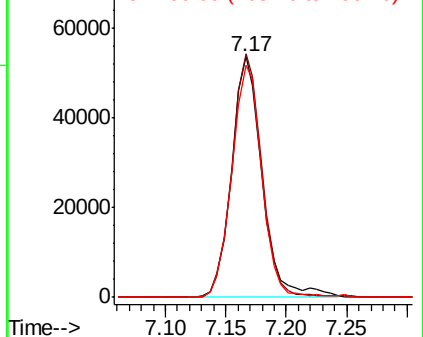
77 100

105 101.1 74.6 114.6

106 96.6 71.1 111.1



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



#10

Phenol

Concen: 41.973 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

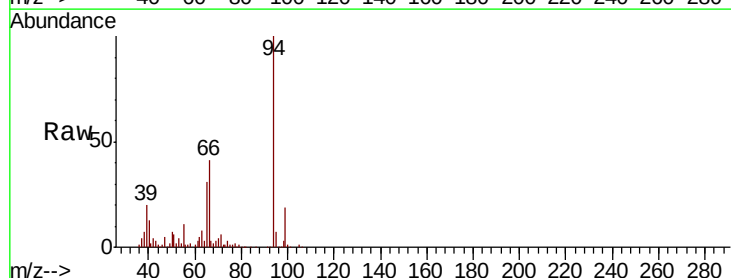
Tgt Ion: 94 Resp: 213137

Ion Ratio Lower Upper

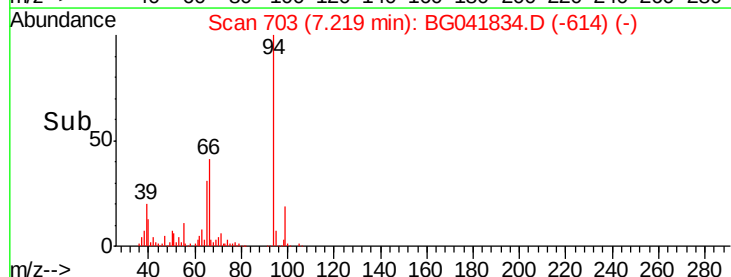
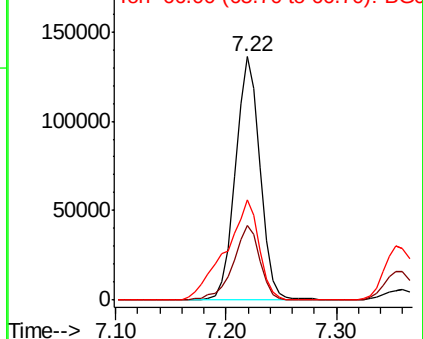
94 100

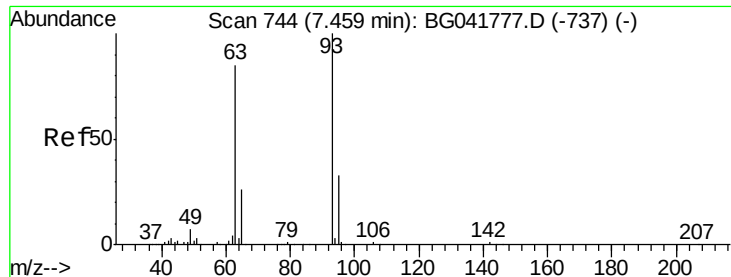
65 30.6 10.6 50.6

66 41.2 18.2 58.2



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

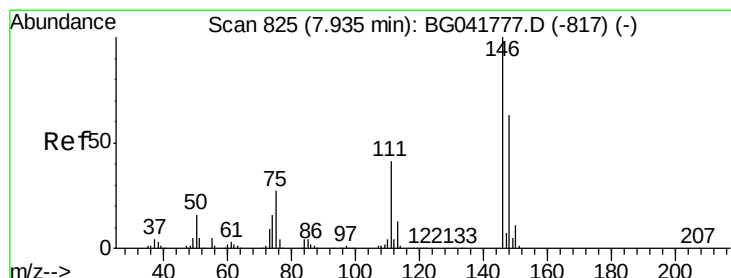
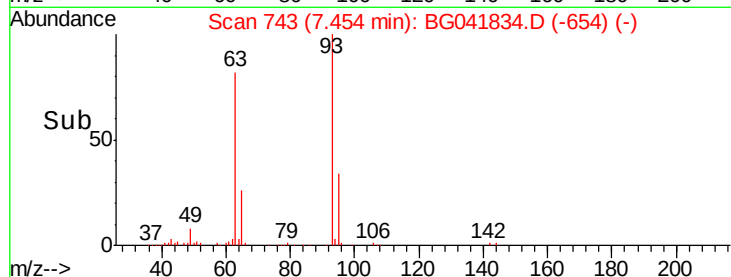
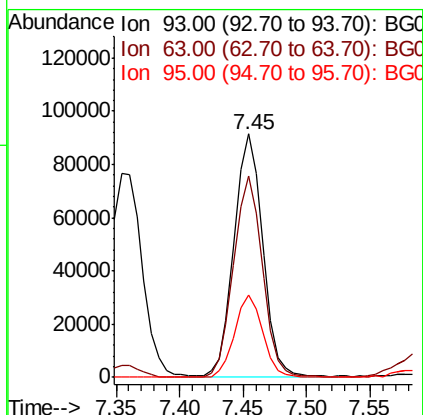
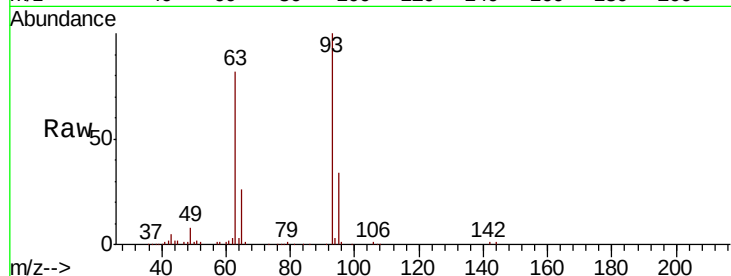




#11
bis(2-Chloroethyl)ether
Concen: 34.424 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

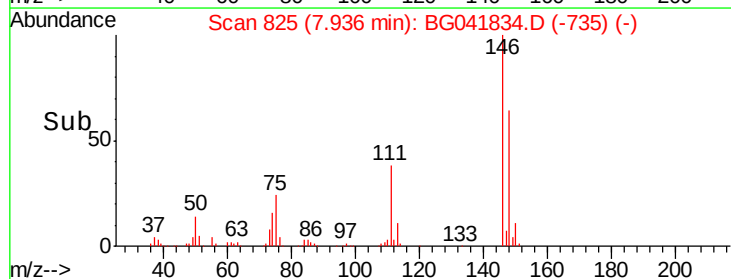
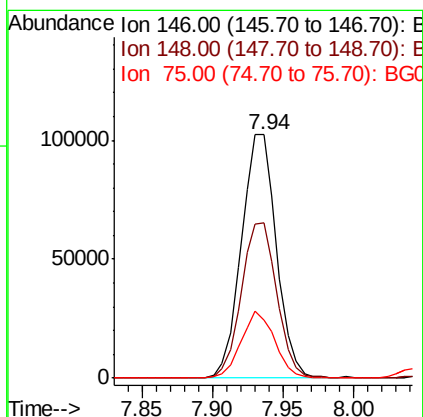
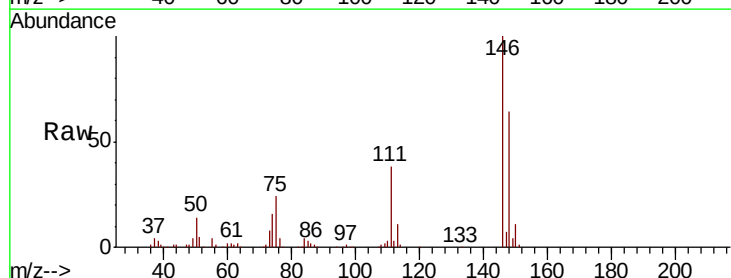
Instrument :
BNA_G
ClientSampleId :

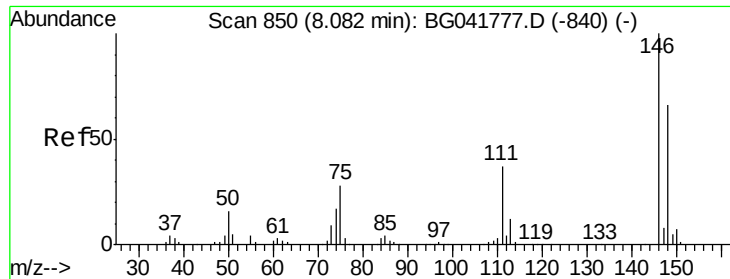
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.5	70.4	110.4
95	33.8	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 32.866 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
75	23.9	23.2	34.8

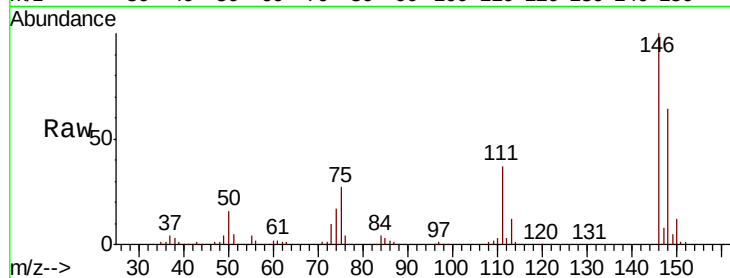




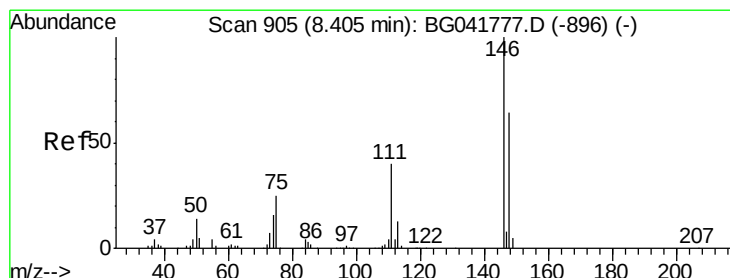
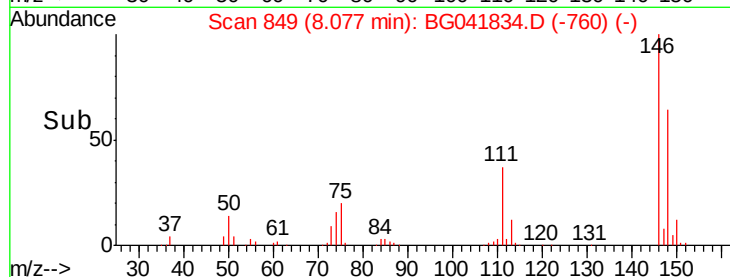
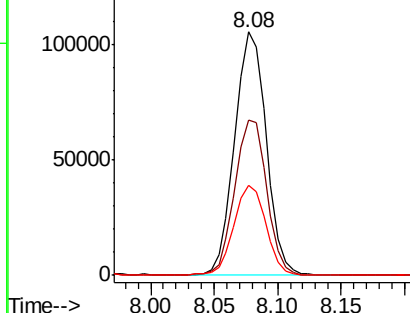
#13
 1,4-Dichlorobenzene
 Concen: 33.738 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 182664
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.6 79.0
 111 36.8 32.5 48.7

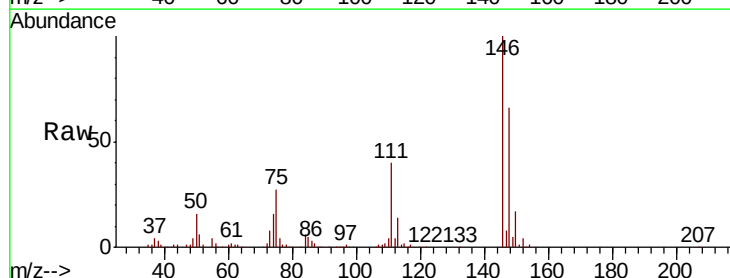


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

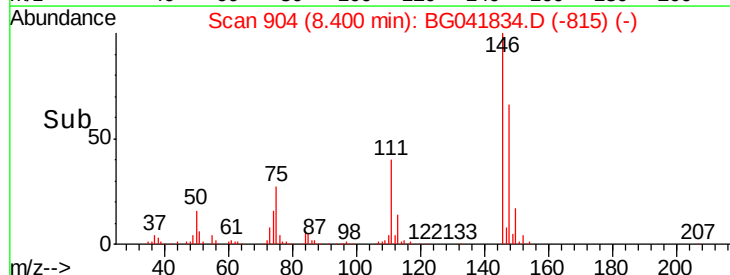
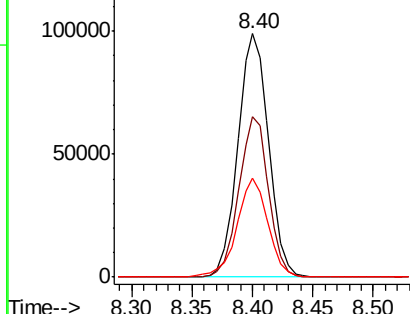


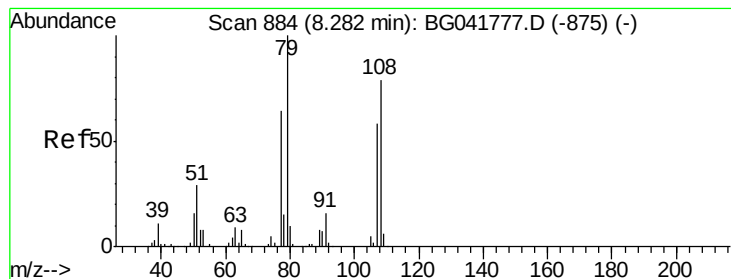
#14
 1,2-Dichlorobenzene
 Concen: 33.730 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Tgt Ion:146 Resp: 174260
 Ion Ratio Lower Upper
 146 100
 148 66.1 53.5 80.3
 111 40.5 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: 40.102 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampleId :

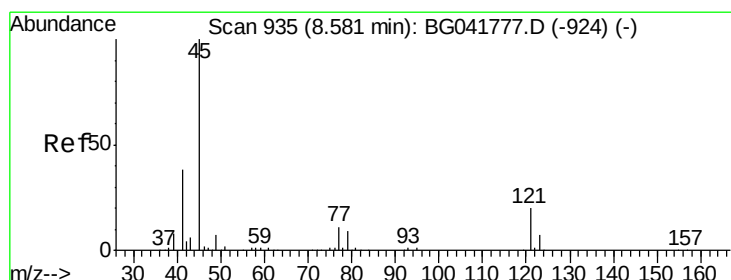
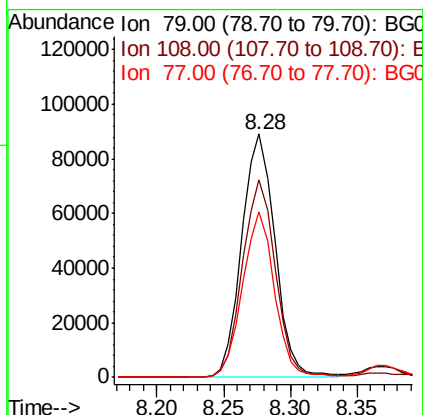
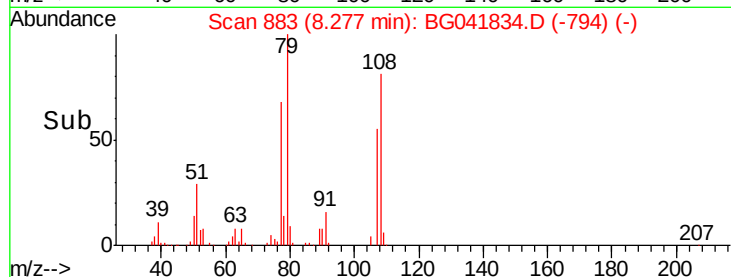
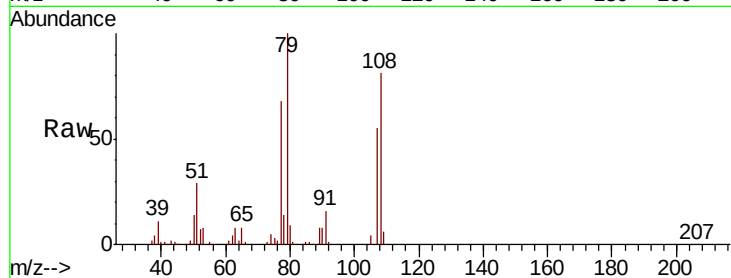
Tot Ion: 79 Resp: 153993

Ion Ratio Lower Upper

79 100

108 81.0 60.5 90.7

77 67.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.535 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

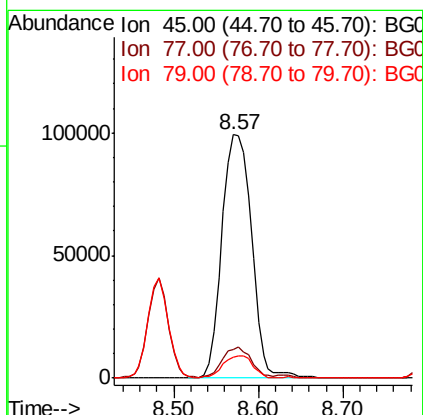
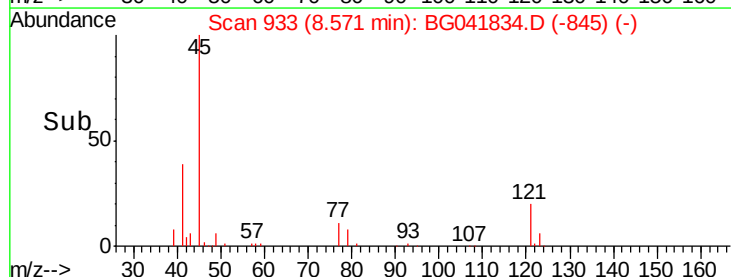
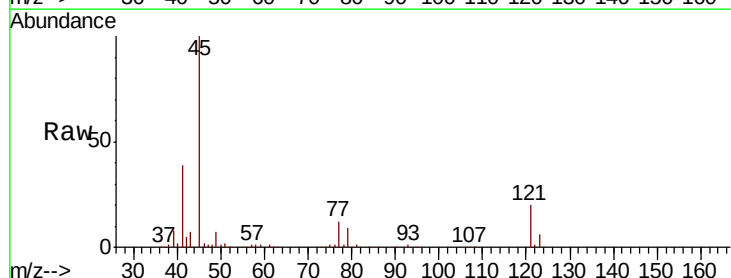
Tgt Ion: 45 Resp: 241640

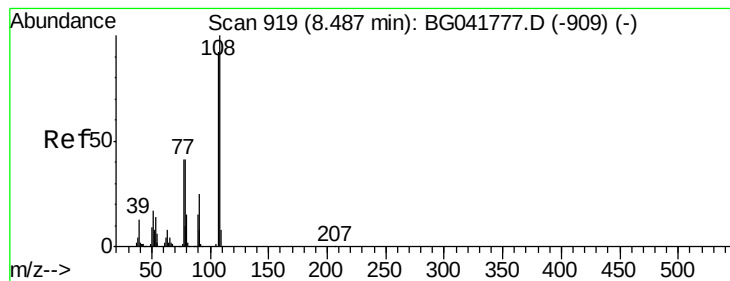
Ion Ratio Lower Upper

45 100

77 11.7 0.0 30.4

79 8.7 0.0 27.9

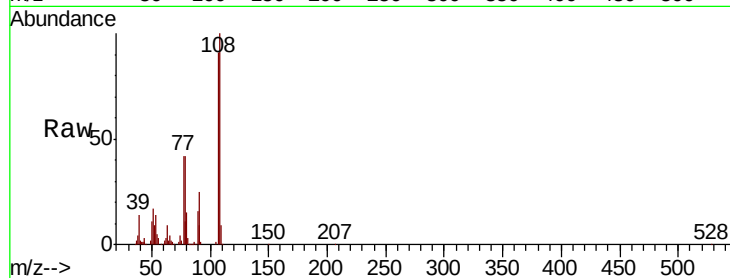




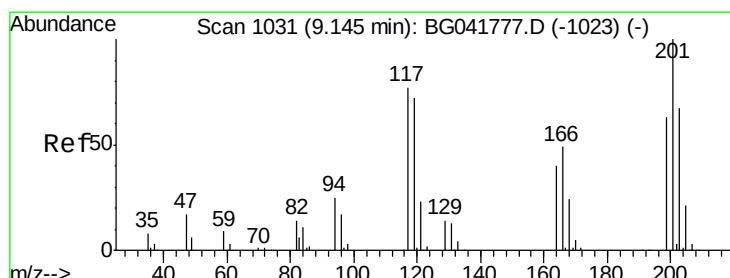
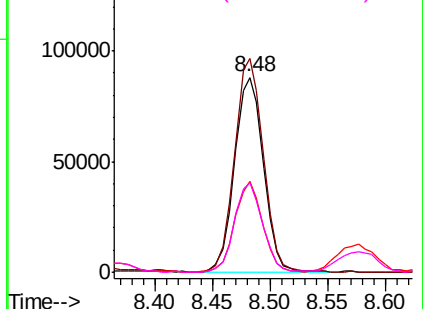
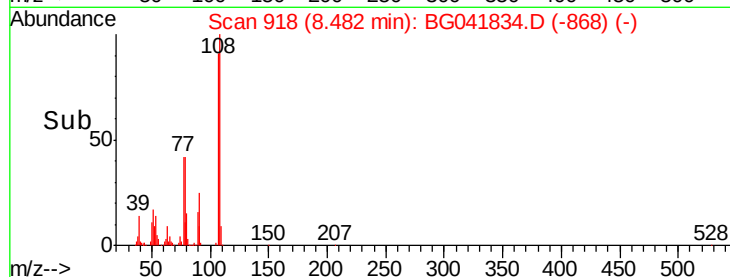
#17
2-Methylphenol
Concen: 41.424 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.6	131.4
77	46.4	36.1	54.1
79	46.1	36.4	54.6

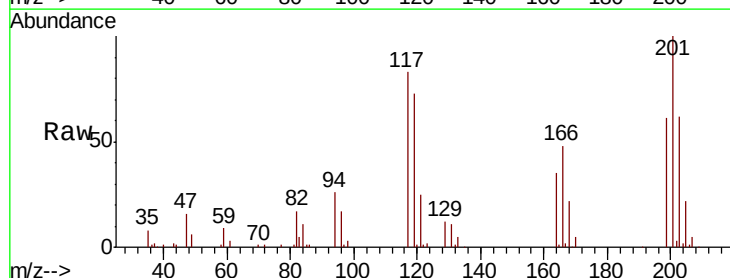


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGO
Ion 79.00 (78.70 to 79.70): BGO

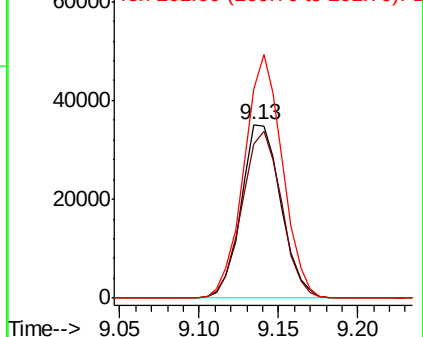
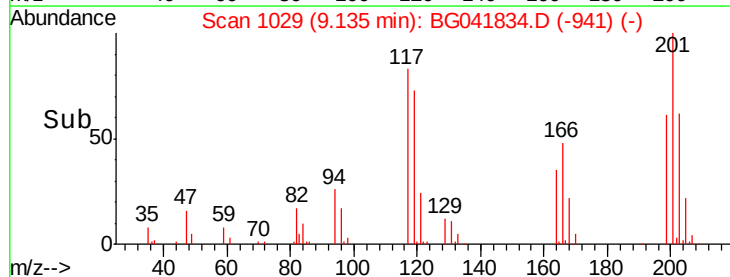


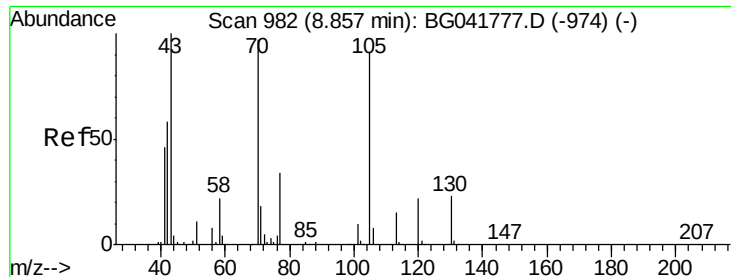
#18
Hexachloroethane
Concen: 32.956 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.5	76.2	114.2
201	120.6	94.1	141.1



Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

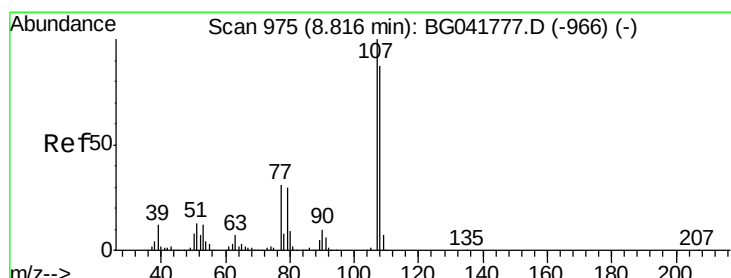
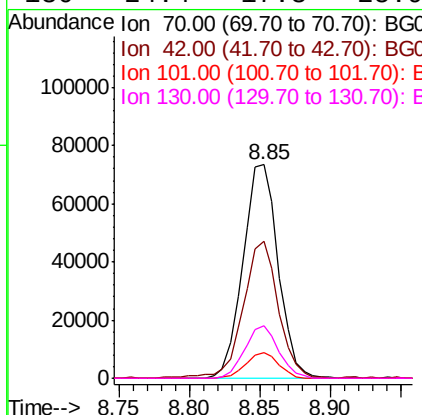
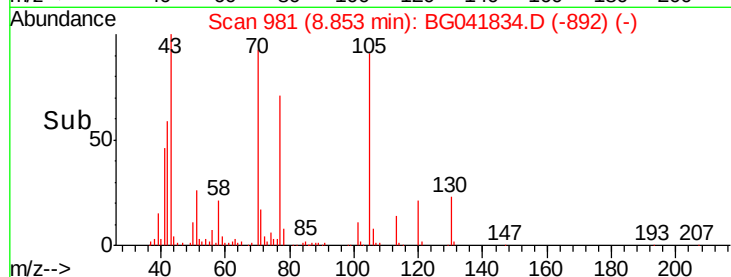
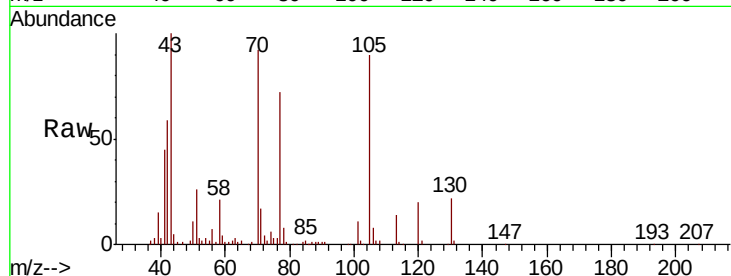




#19
n-Nitroso-di-n-propylamine
Concen: 36.107 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

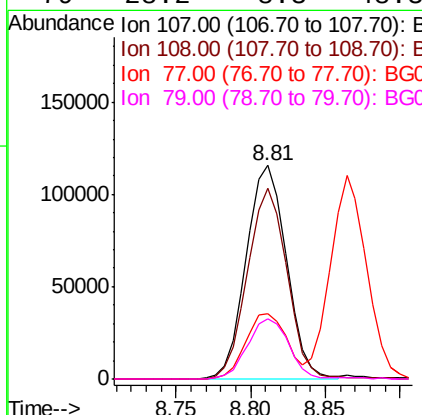
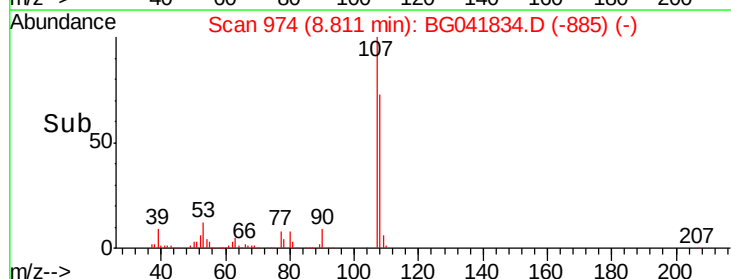
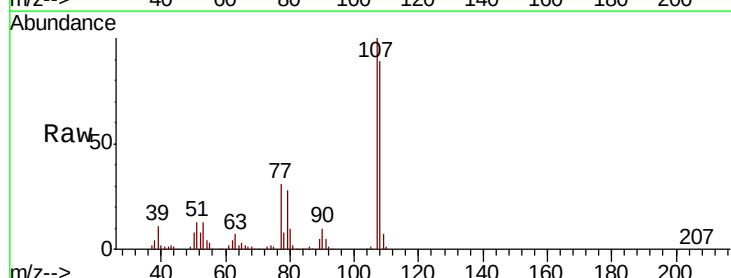
Instrument :
BNA_G
ClientSampleId :

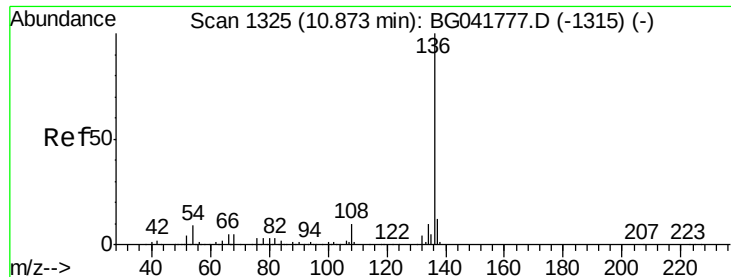
Tot Ion: 70 Resp: 127952
Ion Ratio Lower Upper
70 100
42 64.2 55.8 83.6
101 11.7 8.1 12.1
130 24.4 17.3 25.9



#20
3+4-Methylphenols
Concen: 42.733 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion:107 Resp: 215958
Ion Ratio Lower Upper
107 100
108 89.0 67.5 107.5
77 30.7 12.3 52.3
79 28.2 8.3 48.3

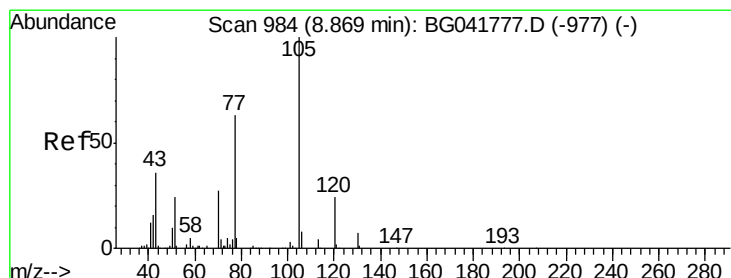
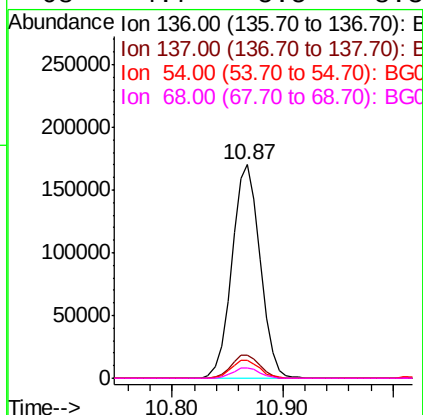
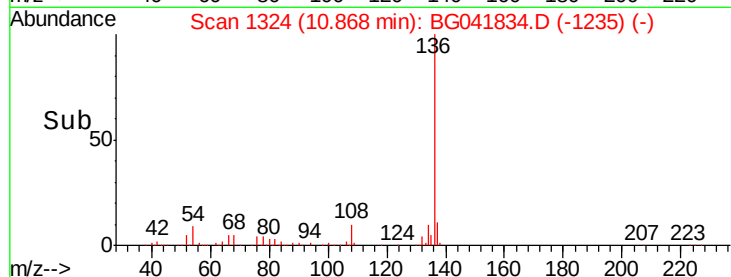
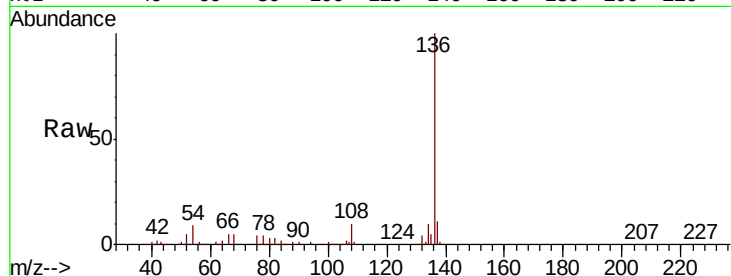




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

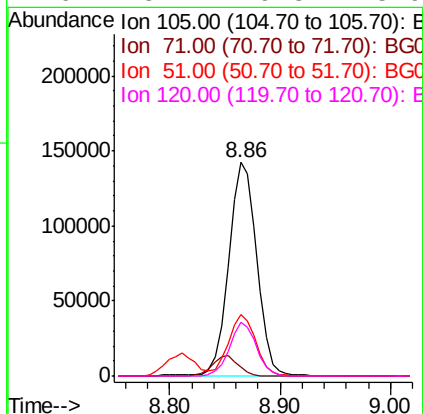
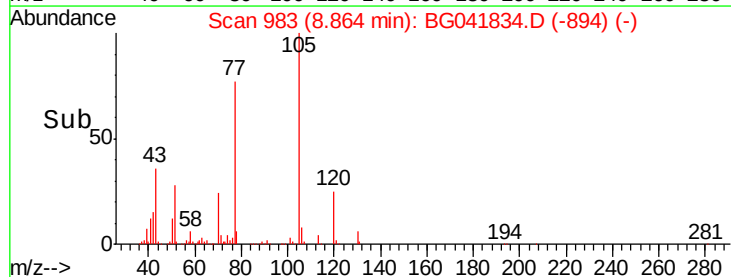
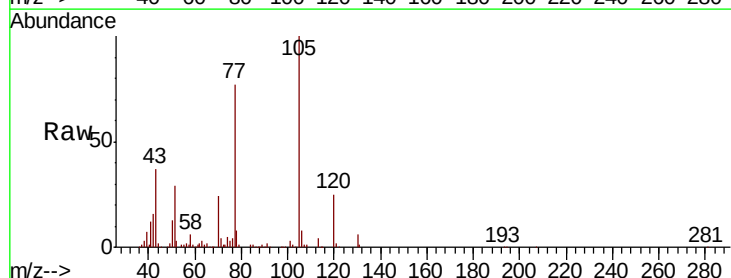
Instrument :
BNA_G
ClientSampled :

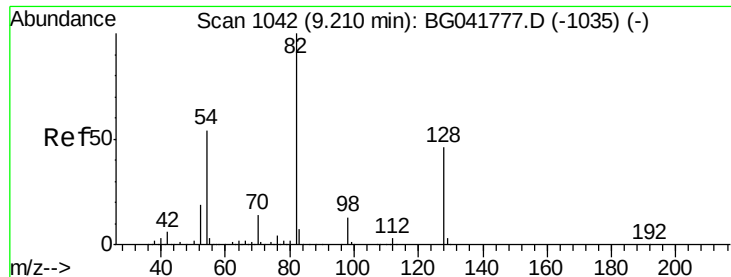
Tot Ion:136	Resp:	303653
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	8.7	8.7 13.1#
68	4.7	5.5 8.3#



#22
Acetophenone
Concen: 36.900 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion:105	Resp:	250626
Ion Ratio	Lower	Upper
105	100	
71	4.1	5.9 8.9#
51	28.9	27.7 41.5
120	25.2	19.3 28.9





#23

Nitrobenzene-d5

Concen: 93.131 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampled :

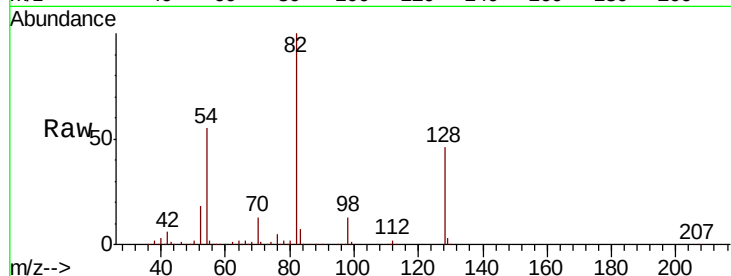
Tot Ion: 82 Resp: 410941

Ion Ratio Lower Upper

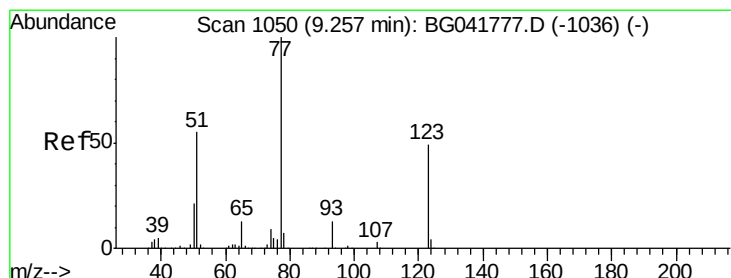
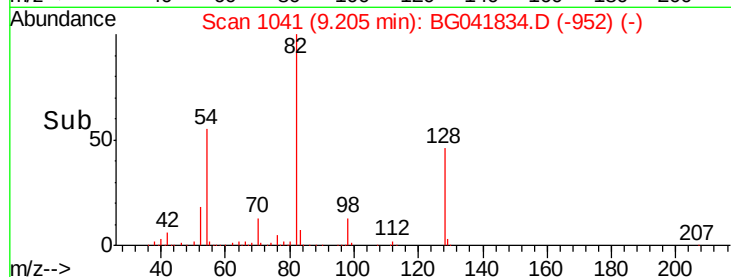
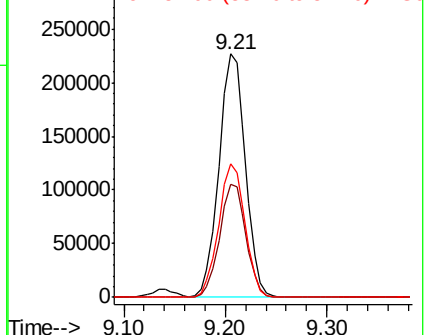
82 100

128 46.4 35.1 52.7

54 55.1 48.7 73.1



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



#24

Nitrobenzene

Concen: 40.121 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

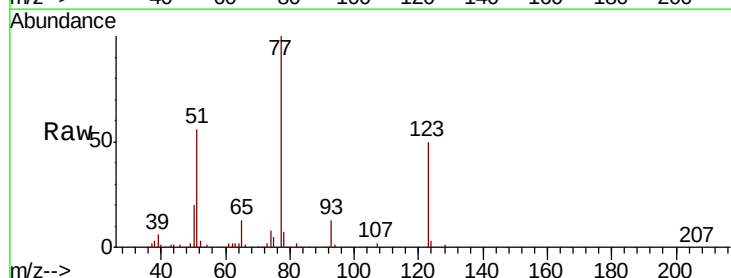
Tgt Ion: 77 Resp: 186507

Ion Ratio Lower Upper

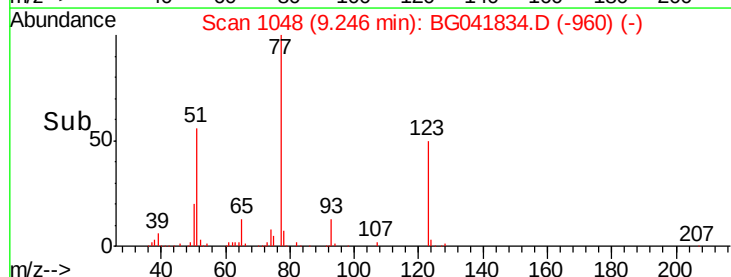
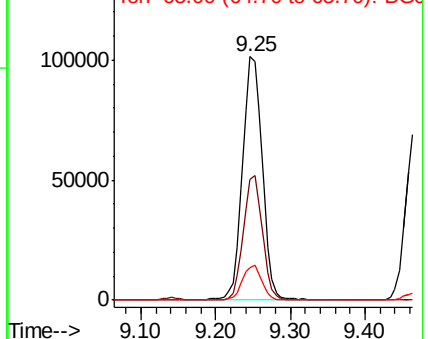
77 100

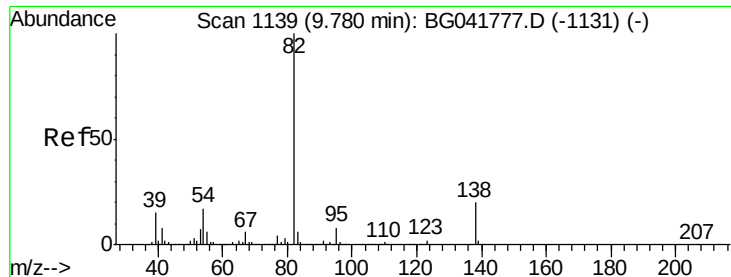
123 49.6 38.1 57.1

65 13.4 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.002 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampled :

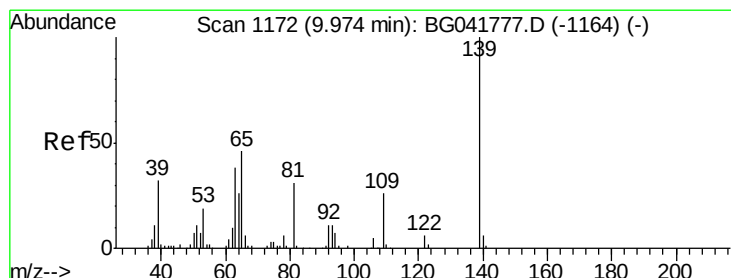
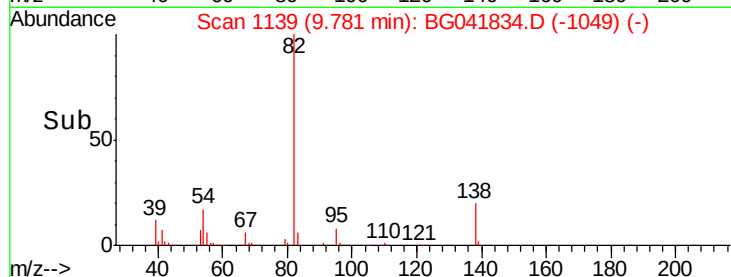
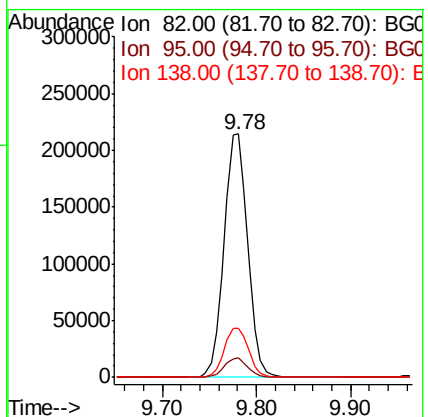
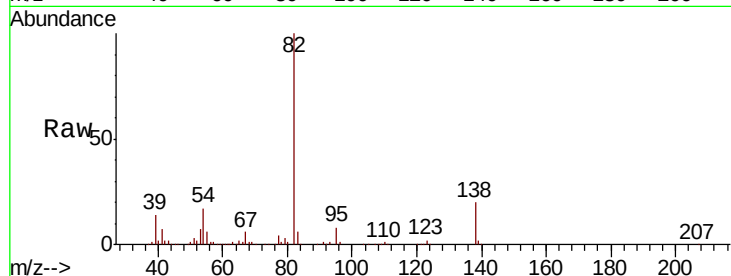
Tot Ion: 82 Resp: 374370

Ion Ratio Lower Upper

82 100

95 7.9 5.9 8.9

138 20.4 16.3 24.5



#26

2-Nitrophenol

Concen: 50.486 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

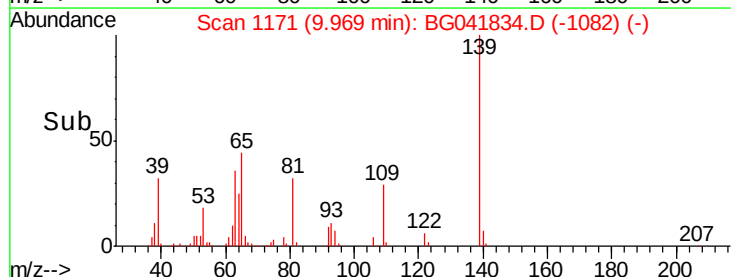
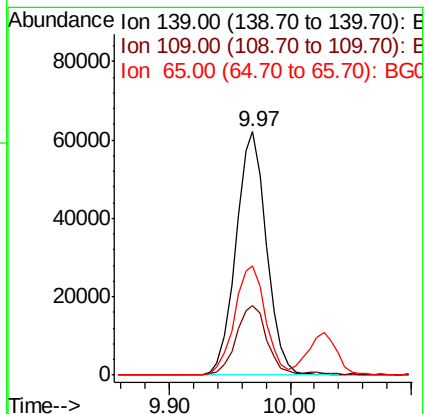
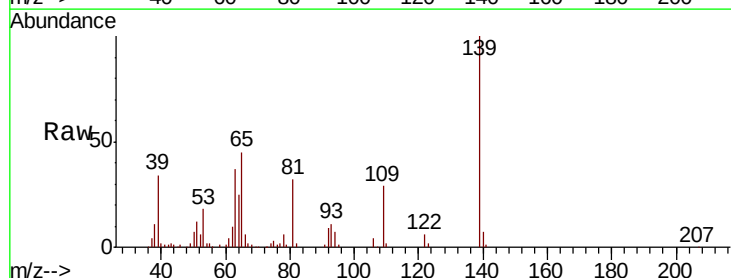
Tgt Ion: 139 Resp: 108923

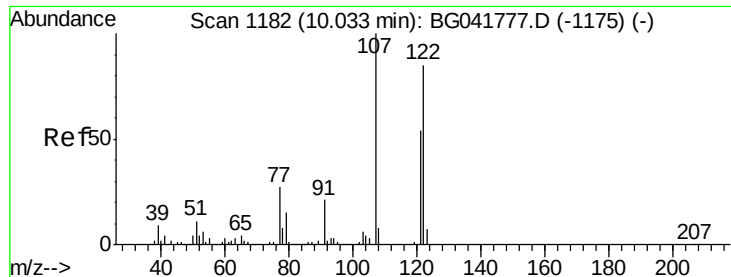
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 44.9 41.1 61.7

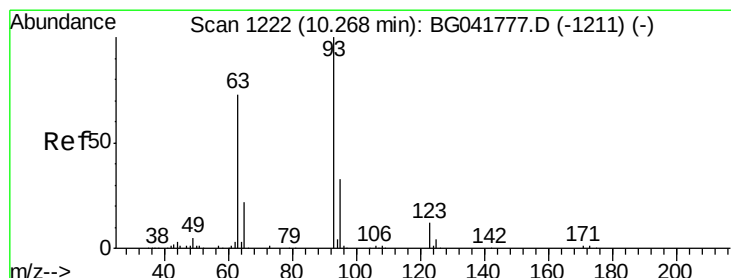
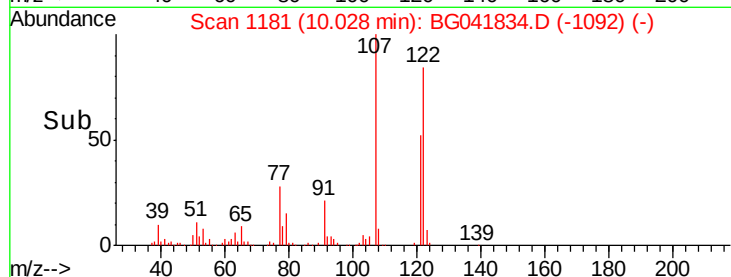
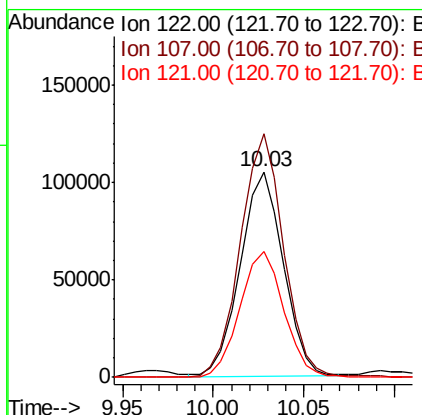
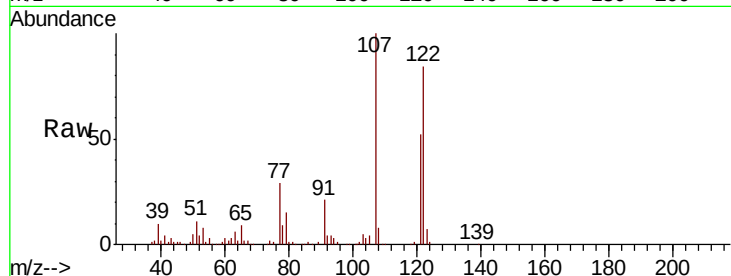




#27
 2,4-Dimethylphenol
 Concen: 45.331 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

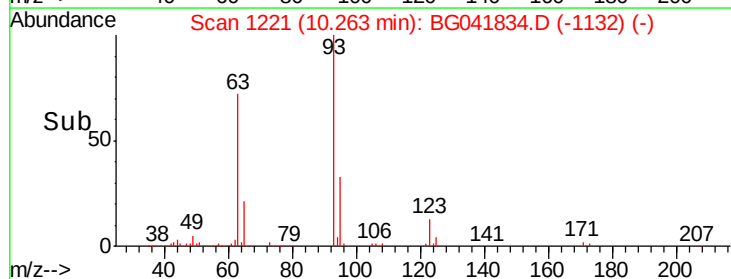
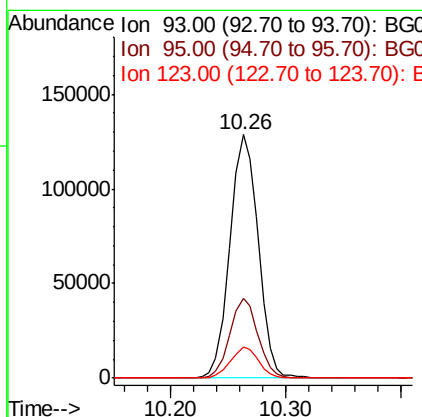
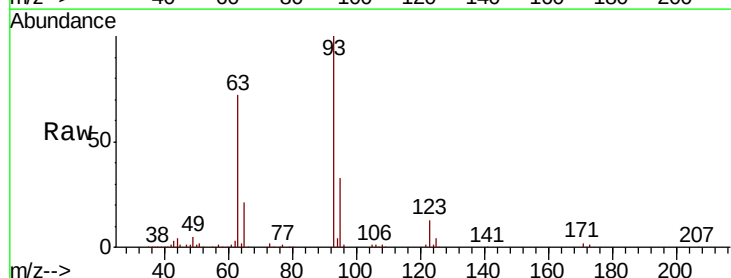
Instrument :
 BNA_G
 ClientSampleId :

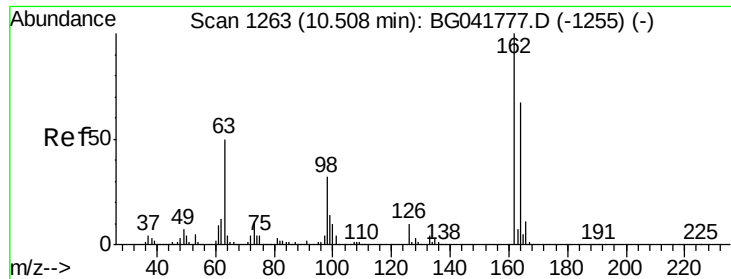
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	91.3	136.9
121	61.3	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.421 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.5	9.9	14.9

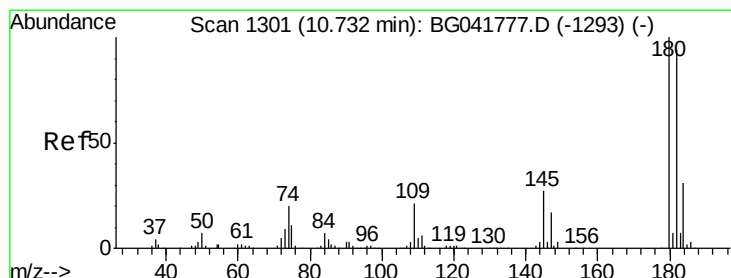
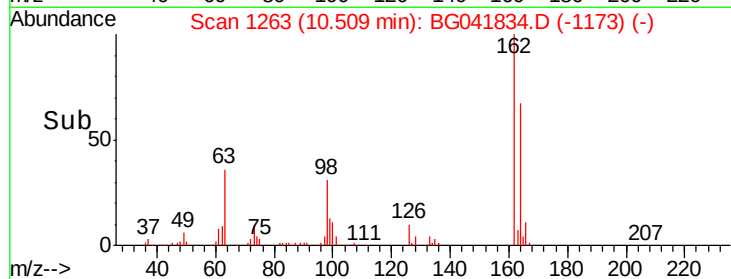
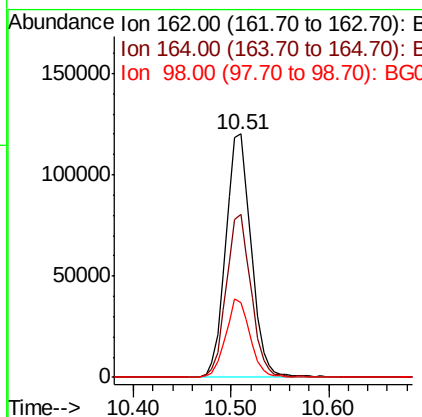
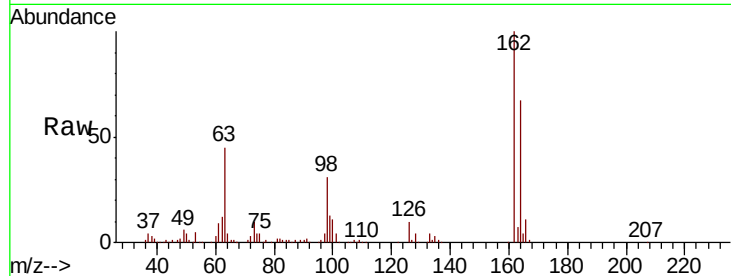




#29
 2,4-Dichlorophenol
 Concen: 46.902 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

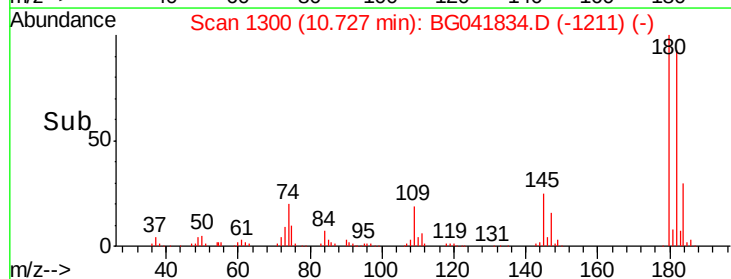
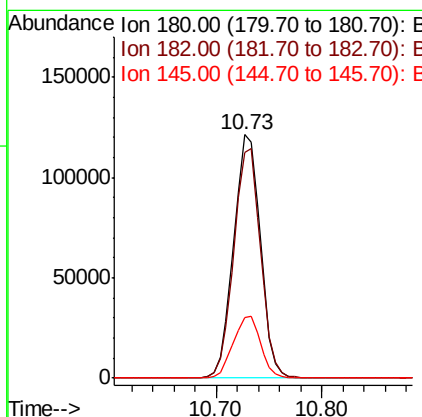
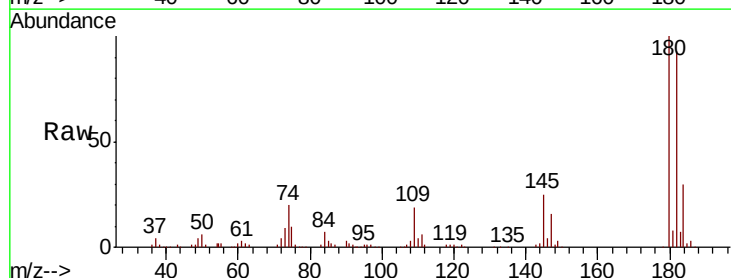
Instrument :
 BNA_G
 ClientSampleId :

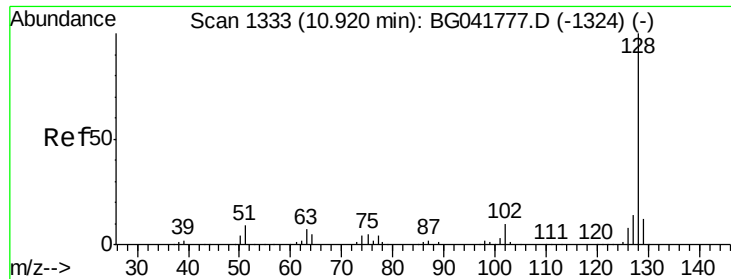
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	46.1	86.1
98	30.6	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 36.051 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.2	114.2
145	25.1	23.8	35.8

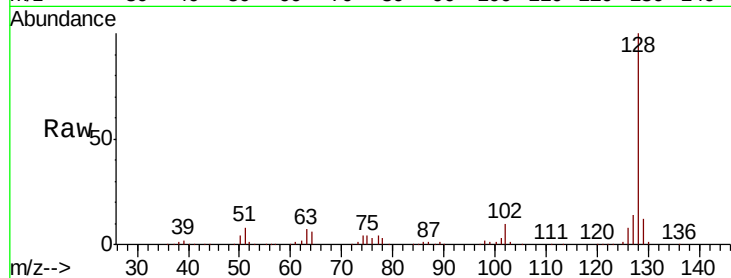




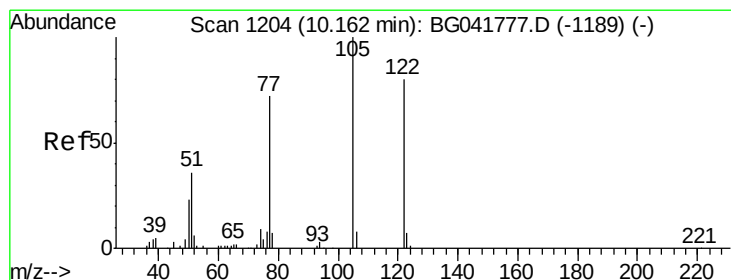
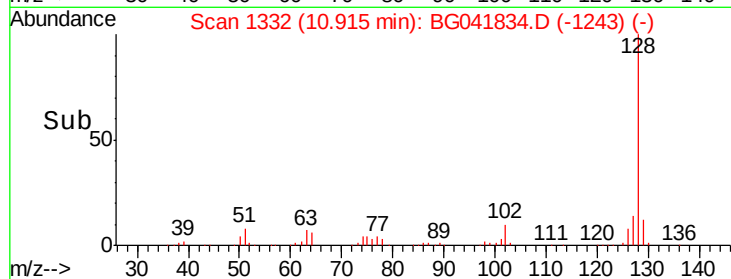
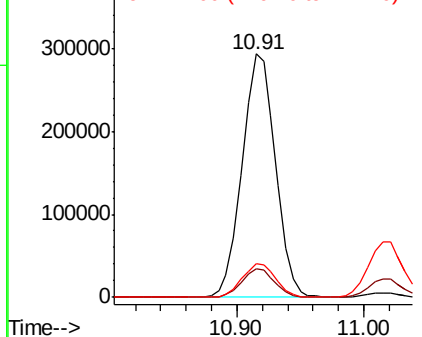
#31
Naphthalene
Concen: 38.508 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.0	15.0
127	13.8	12.3	18.5

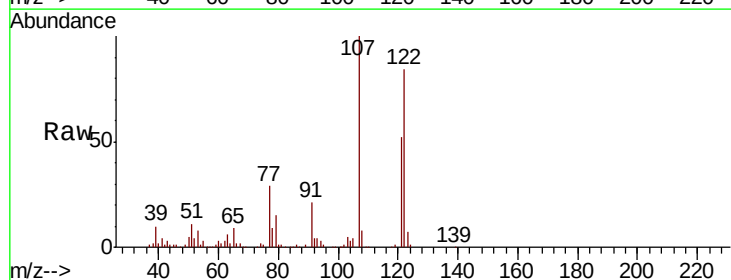


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

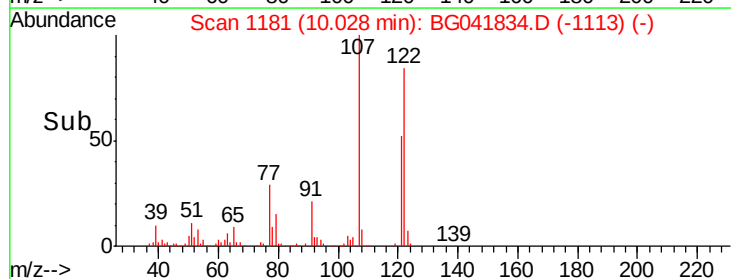
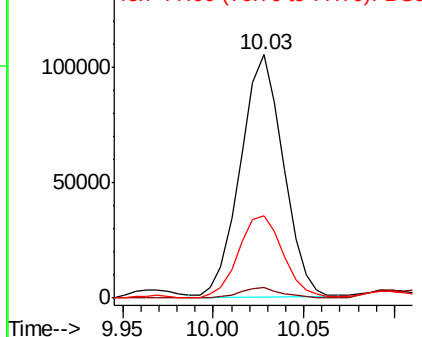


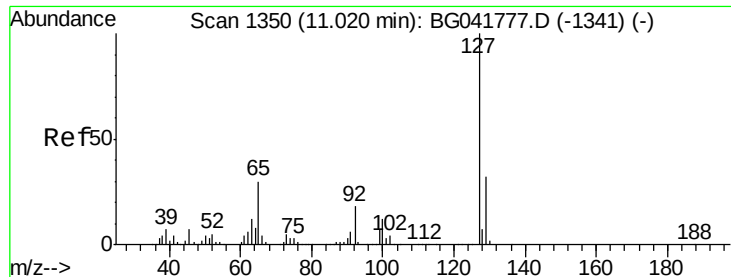
#32
Benzoic acid
Concen: 60.644 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.13 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.6	101.5	141.5#
77	34.0	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): BG

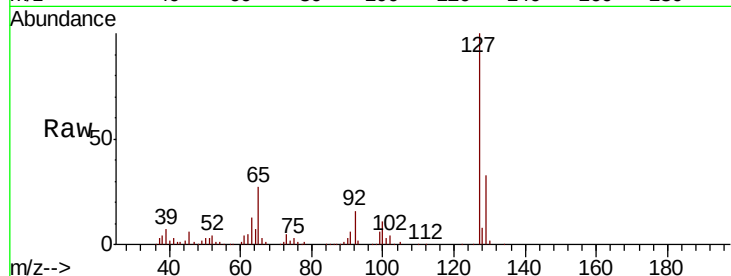




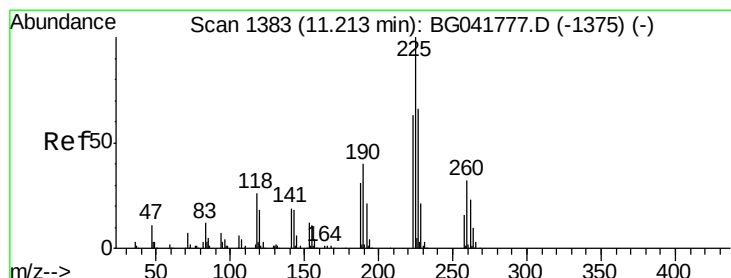
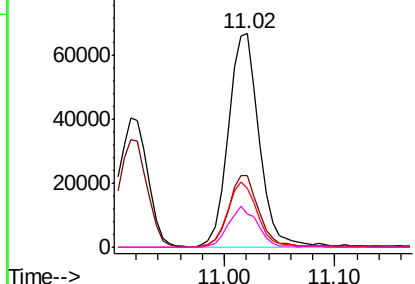
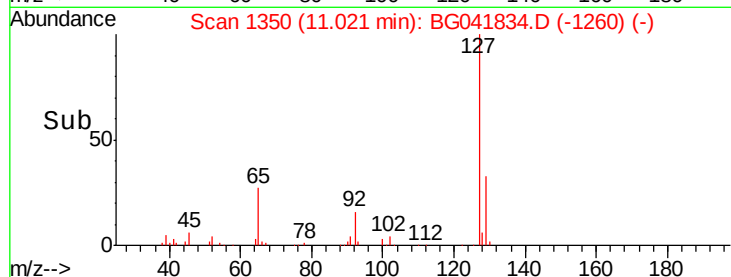
#33
4-Chloroaniline
Concen: 19.764 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	130257
Ion Ratio	Lower	Upper
127	100	
129	33.5	25.8 38.8
65	27.4	26.7 40.1
92	15.7	15.4 23.0

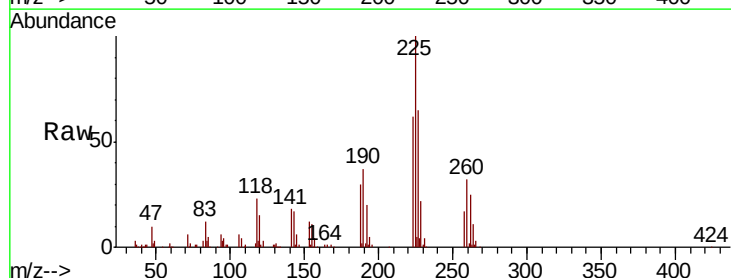


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

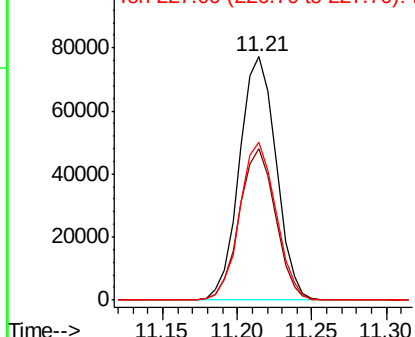
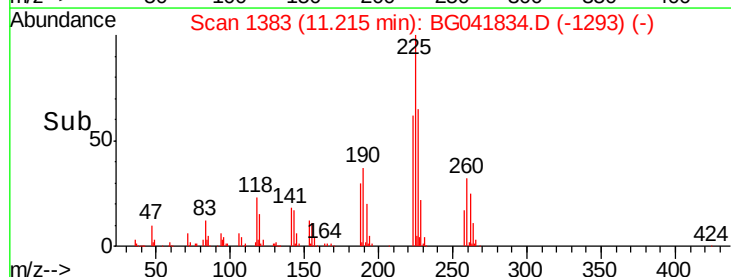


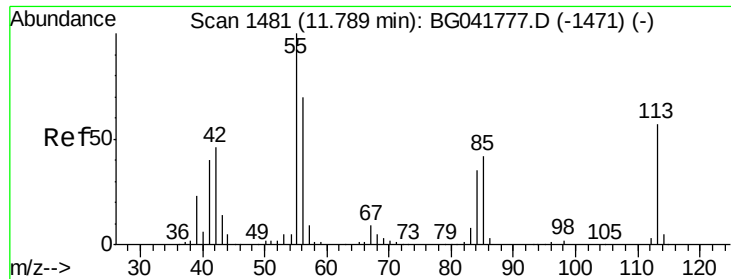
#34
Hexachlorobutadiene
Concen: 33.197 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion:225	Resp:	131748
Ion Ratio	Lower	Upper
225	100	
223	62.3	51.1 76.7
227	64.9	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

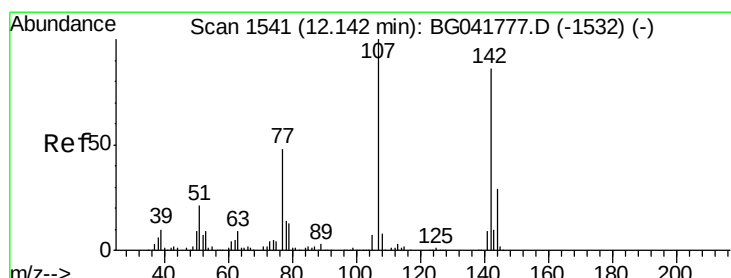
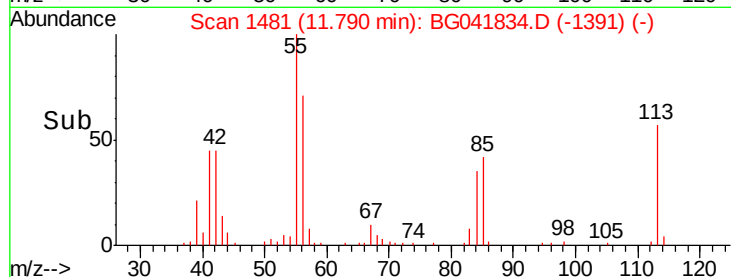
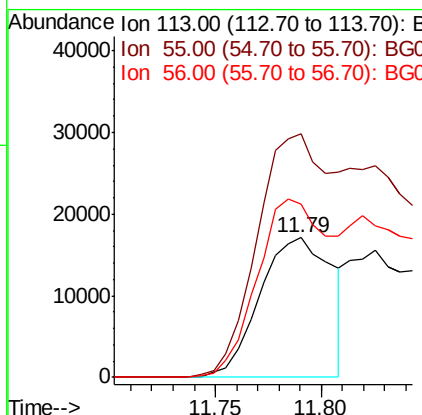
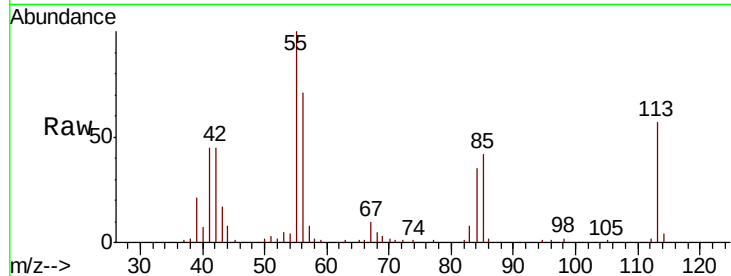




#35
 Caprolactam
 Concen: 25.211 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

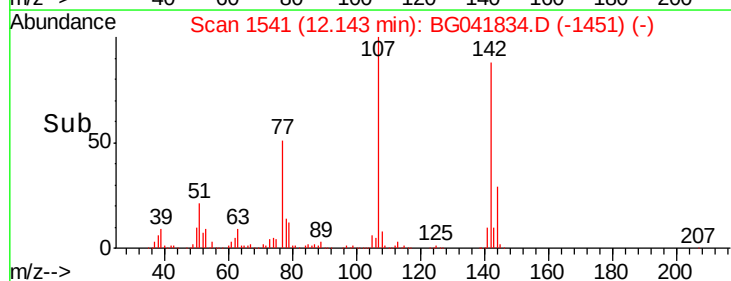
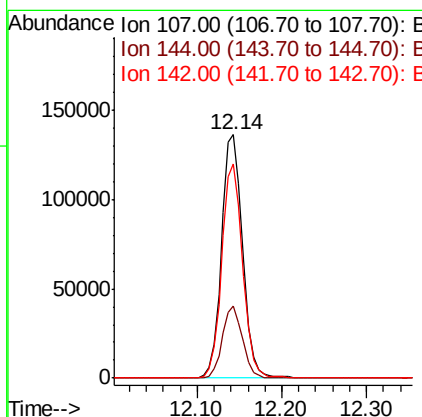
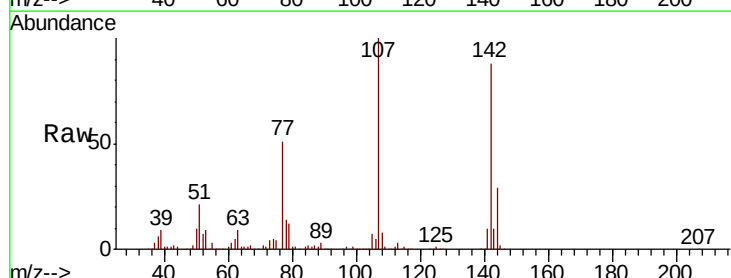
Instrument :
 BNA_G
 ClientSampled :

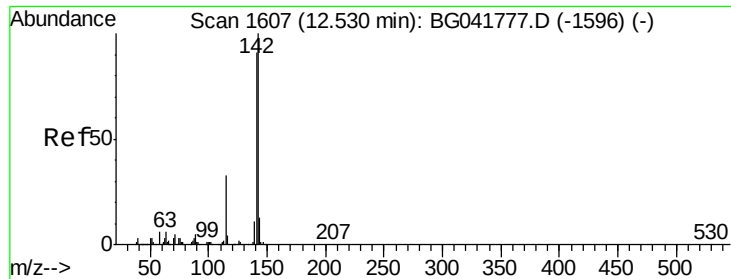
Tot Ion:113 Resp: 40627
 Ion Ratio Lower Upper
 113 100
 55 174.2 199.4 239.4#
 56 124.1 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 51.110 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Tgt Ion:107 Resp: 234965
 Ion Ratio Lower Upper
 107 100
 144 29.4 22.2 33.2
 142 88.0 67.3 100.9

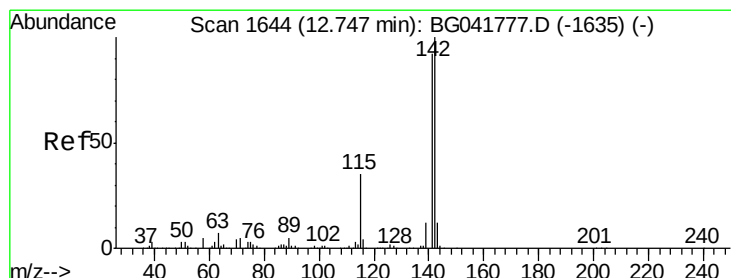
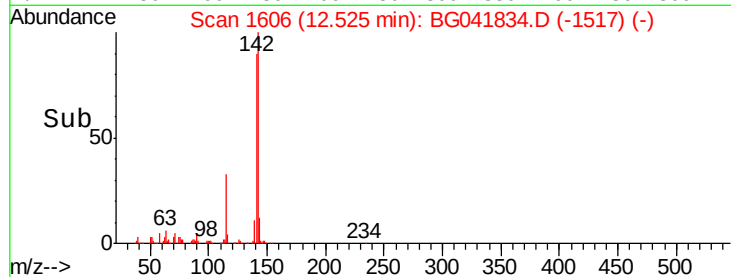
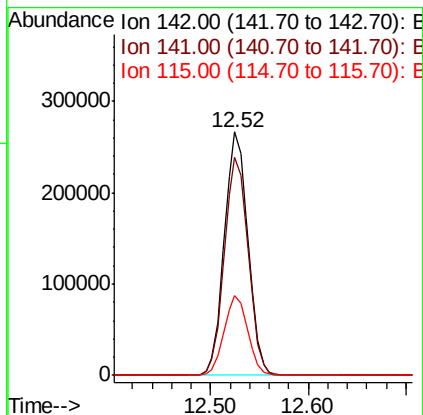
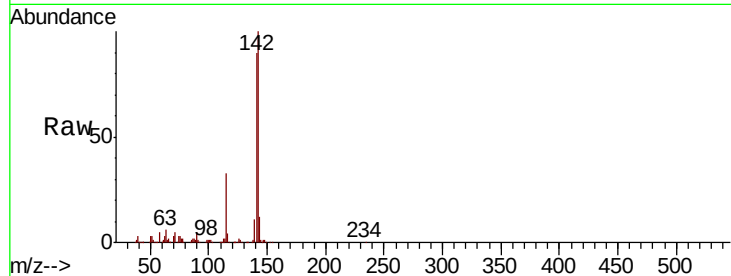




#37
 2-Methylnaphthalene
 Concen: 40.623 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

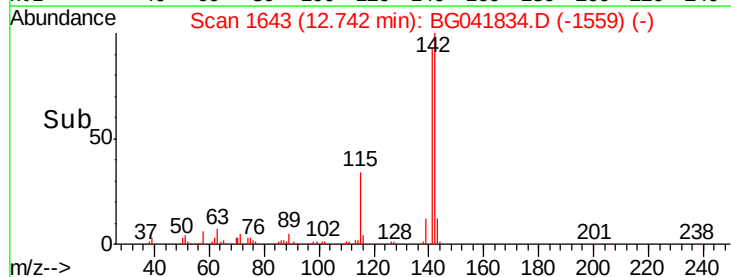
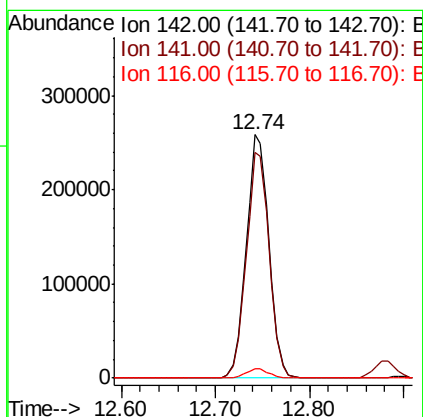
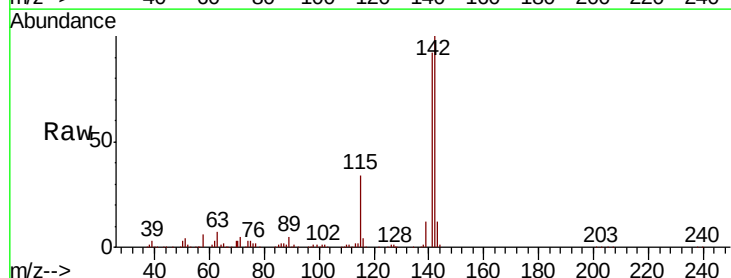
Instrument :
 BNA_G
 ClientSampleId :

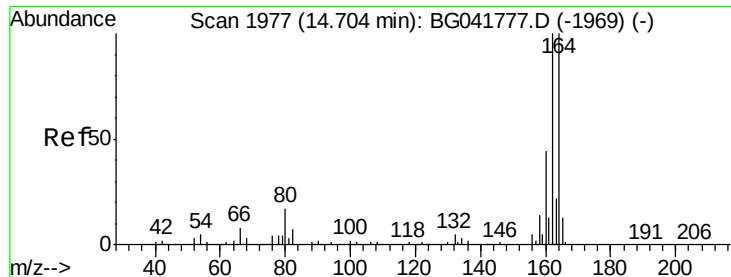
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.7	109.1
115	32.7	27.0	40.4



#38
 1-Methylnaphthalene
 Concen: 41.109 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.4	113.2
116	3.8	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: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampleId :

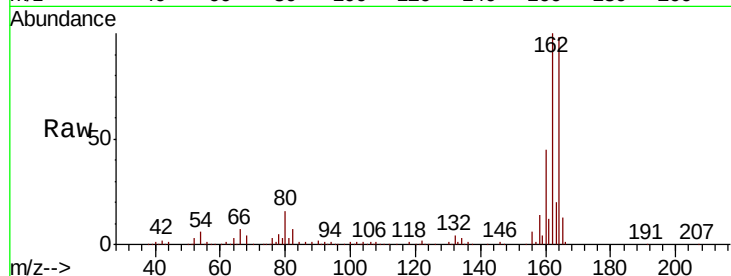
Tot Ion:164 Resp: 261038

Ion Ratio Lower Upper

164 100

162 102.0 79.6 119.4

160 45.6 35.4 53.0

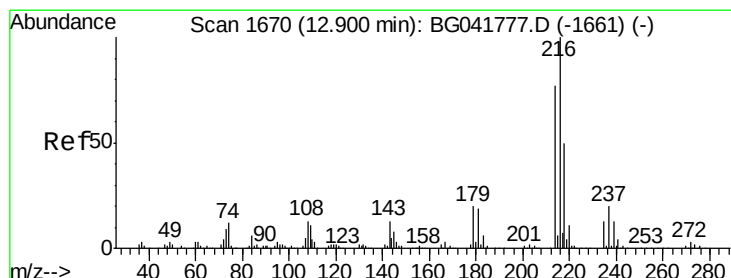
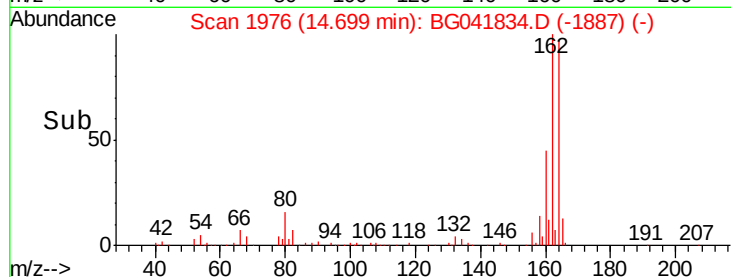
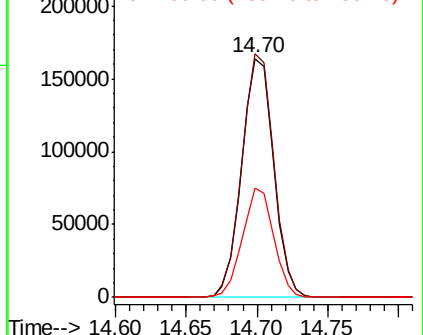


Abundance

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: 34.179 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Tgt Ion:216 Resp: 282418

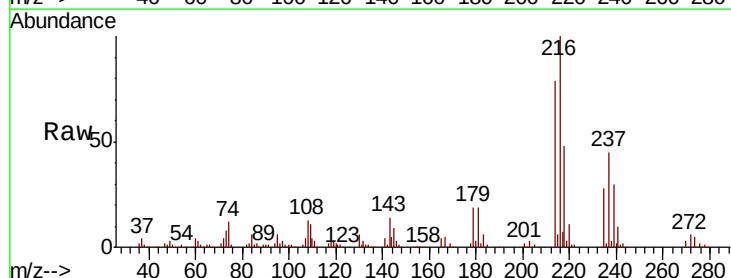
Ion Ratio Lower Upper

216 100

214 76.5 61.5 92.3

179 18.8 16.2 24.2

108 13.9 13.2 19.8



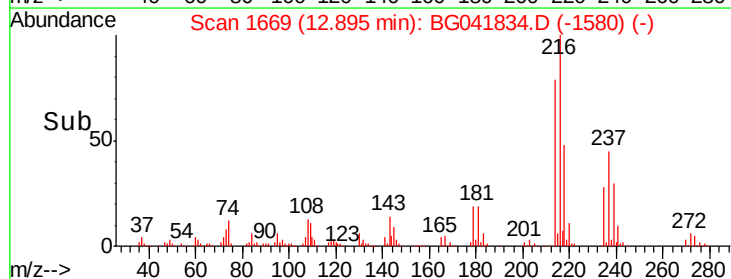
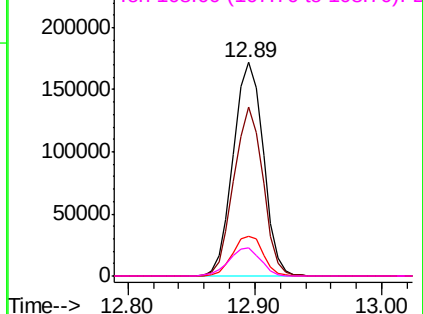
Abundance

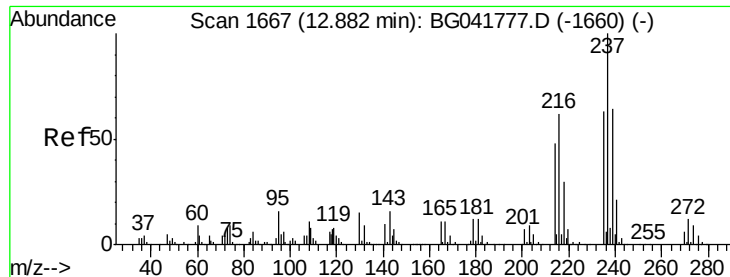
Ion 216.00 (215.70 to 216.70): E

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: 64.443 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampled :

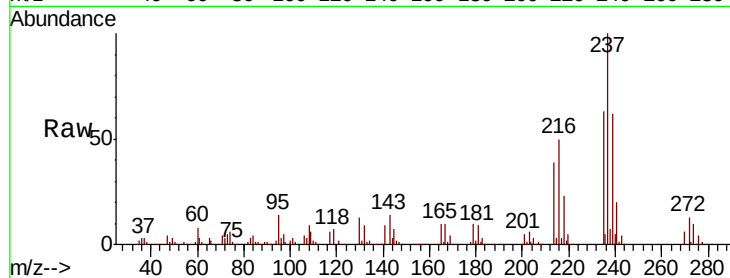
Tot Ion:237 Resp: 299378

Ion Ratio Lower Upper

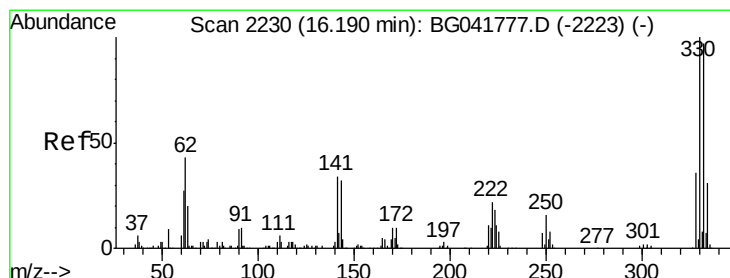
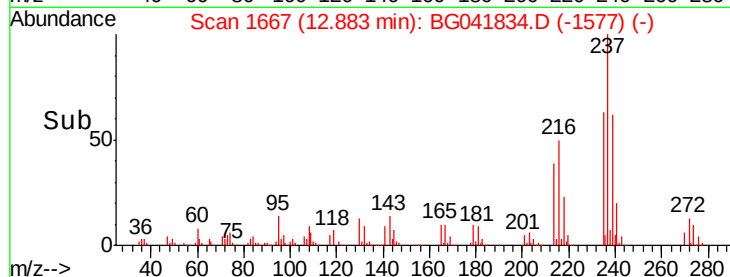
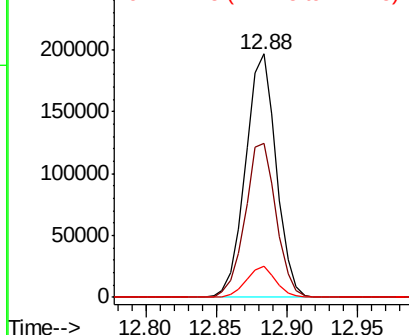
237 100

235 63.4 43.5 83.5

272 12.5 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: 160.476 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

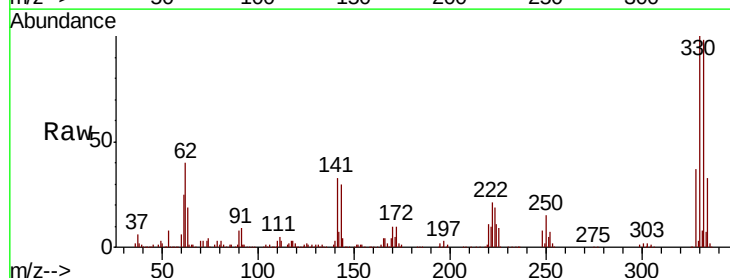
Tgt Ion:330 Resp: 475818

Ion Ratio Lower Upper

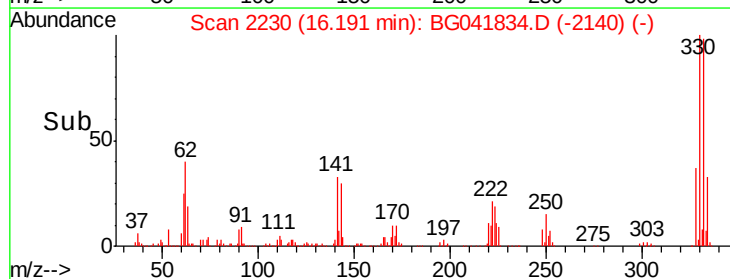
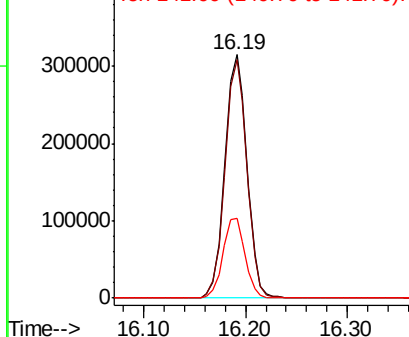
330 100

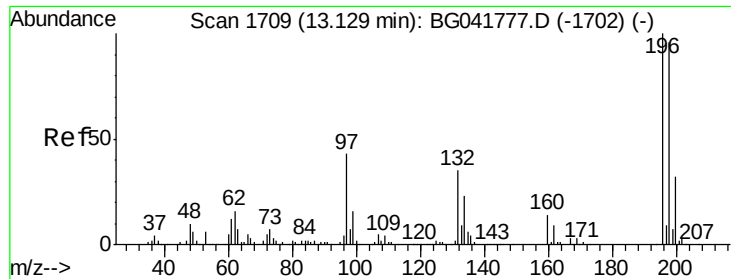
332 96.8 77.4 116.0

141 32.8 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

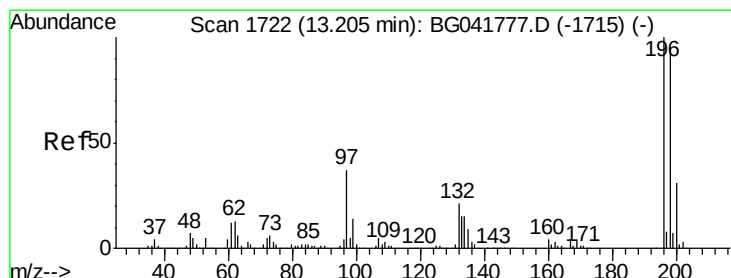
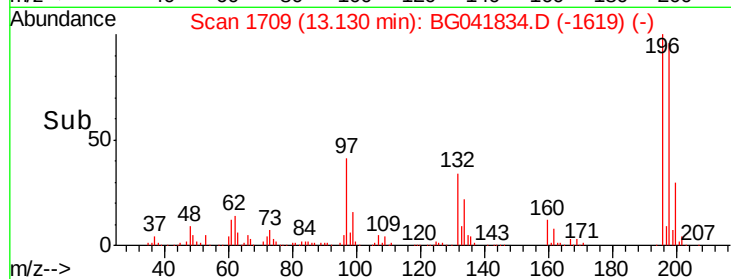
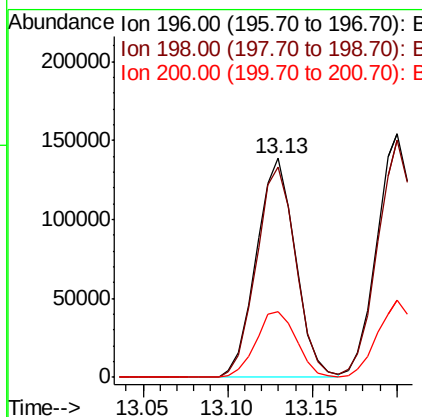
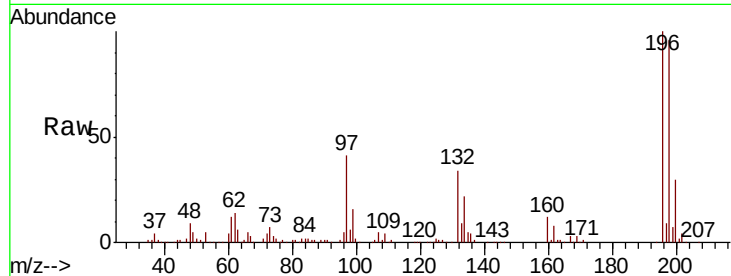




#43
 2,4,6-Trichlorophenol
 Concen: 42.675 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

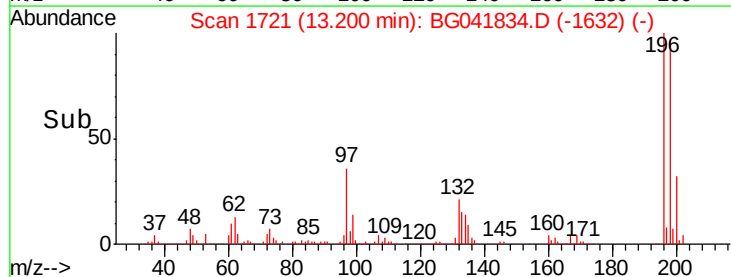
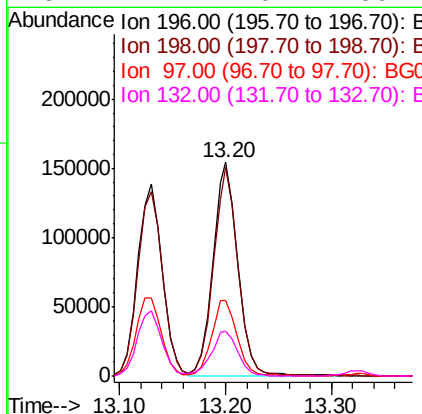
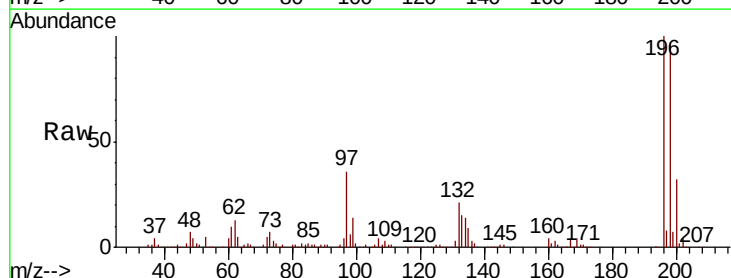
Instrument :
 BNA_G
 ClientSampleId :

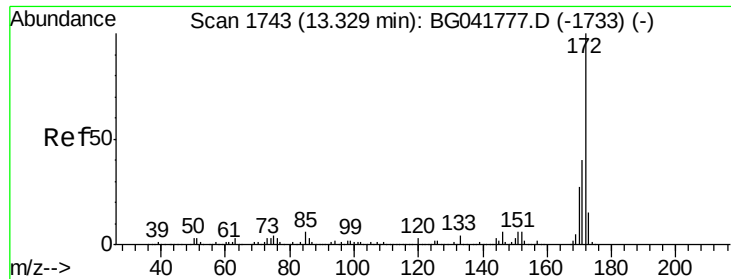
Tot Ion:196 Resp: 222872
 Ion Ratio Lower Upper
 196 100
 198 95.9 79.6 119.4
 200 30.2 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 46.219 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Tgt Ion:196 Resp: 250841
 Ion Ratio Lower Upper
 196 100
 198 97.5 80.6 121.0
 97 35.5 33.9 50.9
 132 21.2 20.2 30.2

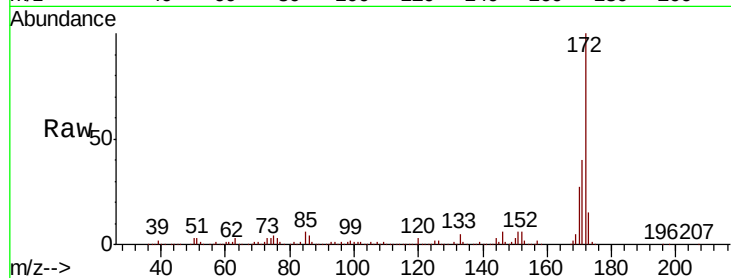




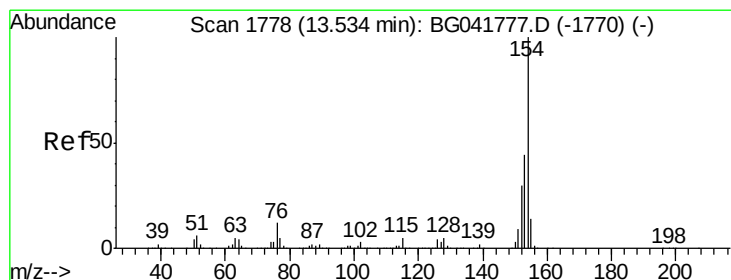
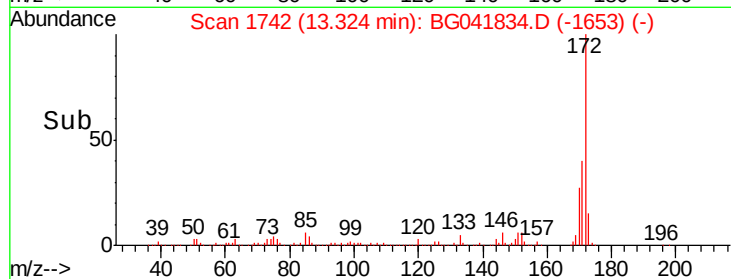
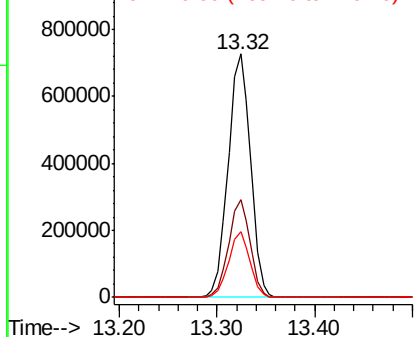
#45
2-Fluorobiphenyl
Concen: 77.889 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1152788
Ion Ratio Lower Upper
172 100
171 40.0 35.0 52.4
170 26.9 23.5 35.3

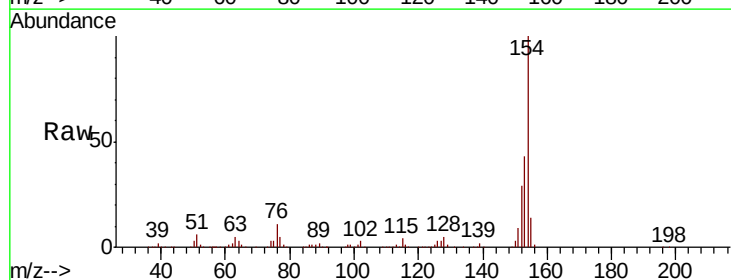


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

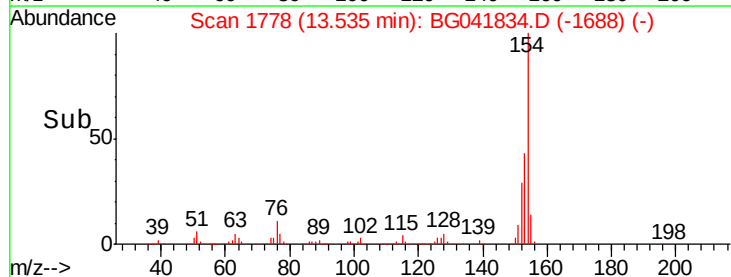
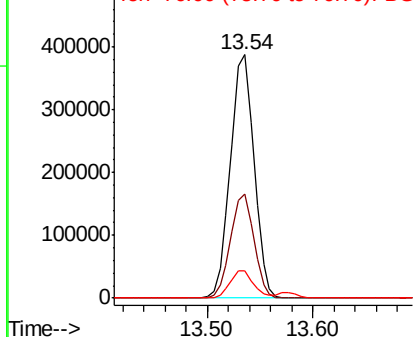


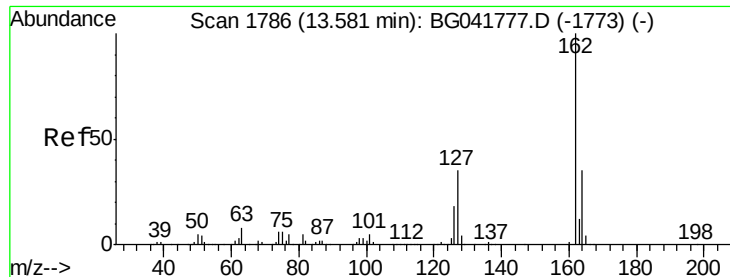
#46
1,1'-Biphenyl
Concen: 35.639 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion:154 Resp: 598027
Ion Ratio Lower Upper
154 100
153 43.0 25.0 65.0
76 11.2 0.0 34.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

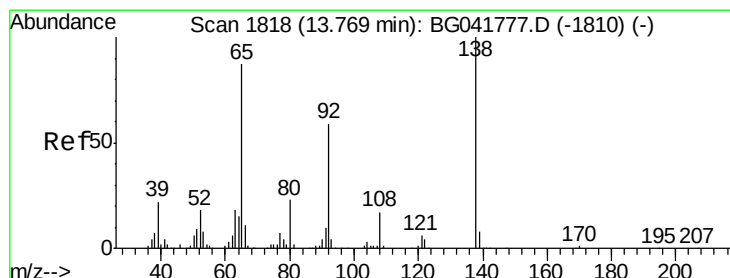
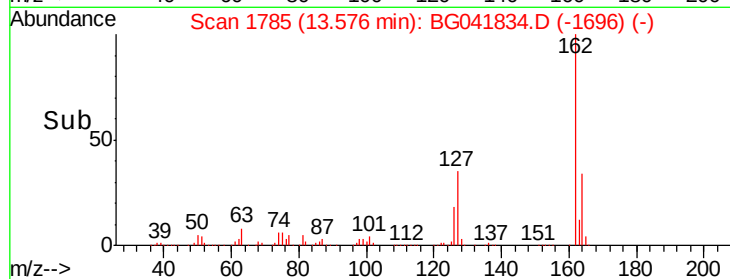
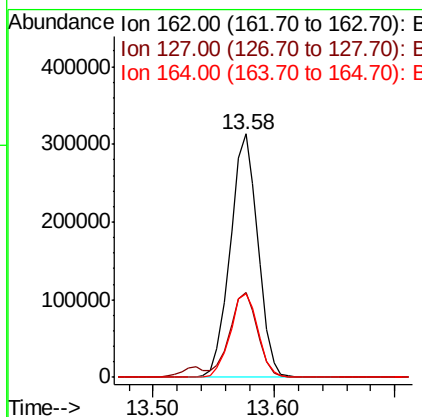
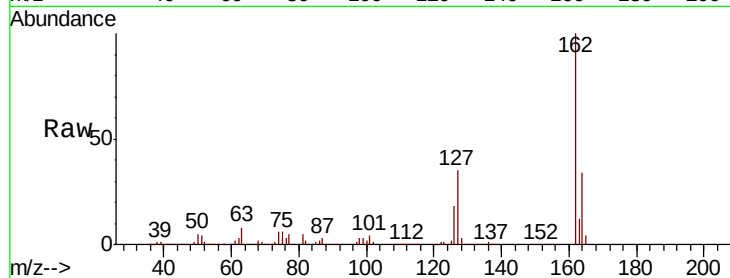




#47
2-Chloronaphthalene
Concen: 34.849 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

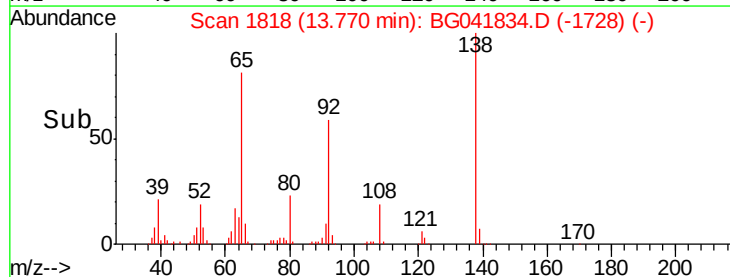
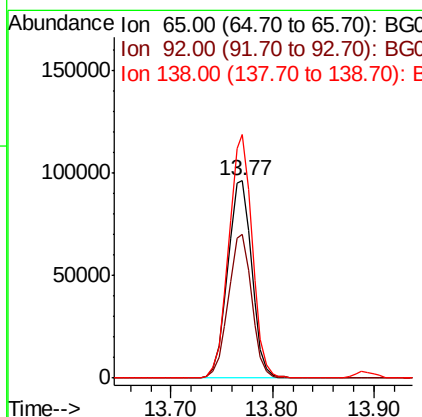
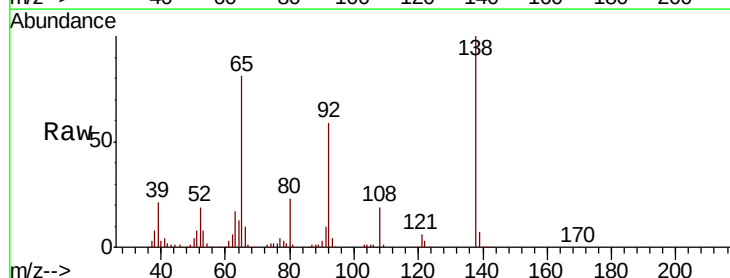
Instrument :
BNA_G
ClientSampleId :

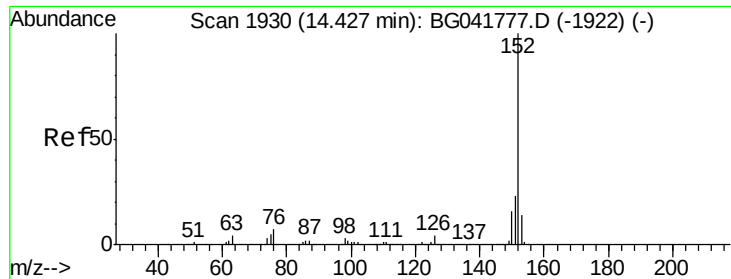
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.9	30.4	45.6
164	34.3	28.6	42.8



#48
2-Nitroaniline
Concen: 43.921 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	53.9	80.9
138	123.3	83.5	125.3





#49

Acenaphthylene

Concen: 39.142 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

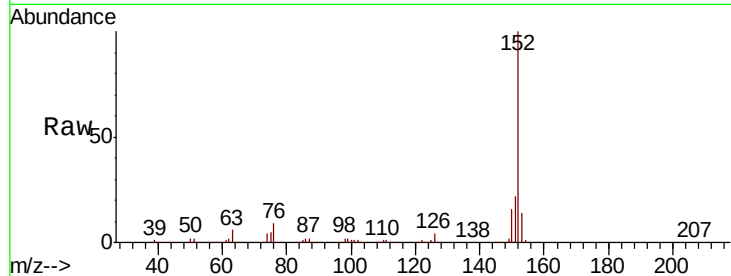
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 836483

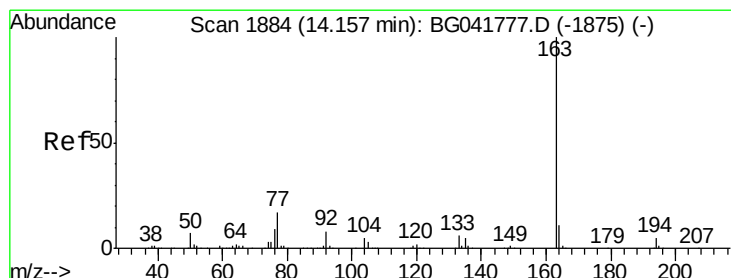
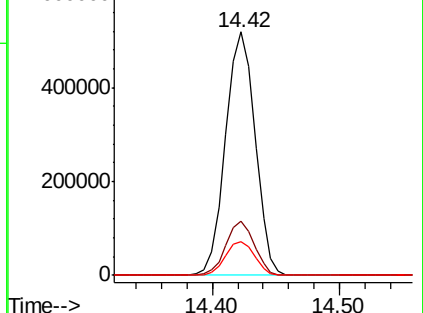
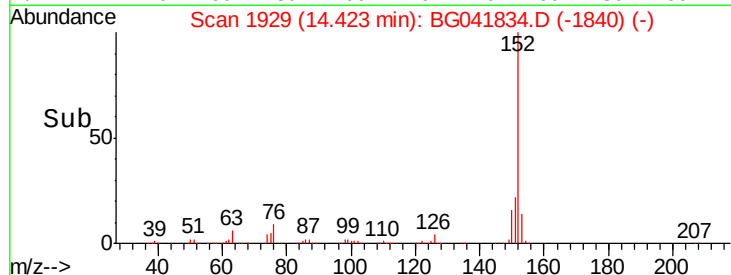
Ion	Ratio	Lower	Upper
152	100		
151	22.1	18.7	28.1
153	13.9	12.4	18.6



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: 52.161 ng

RT: 14.15 min Scan# 1883

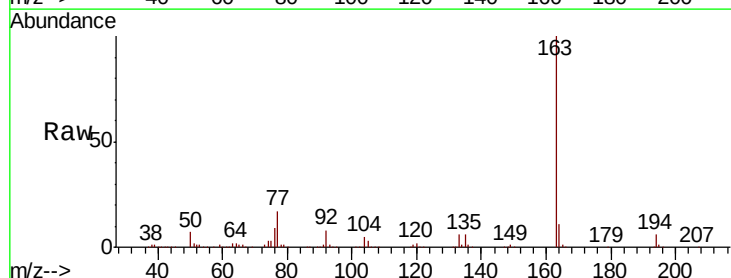
Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Tgt Ion:163 Resp: 929911

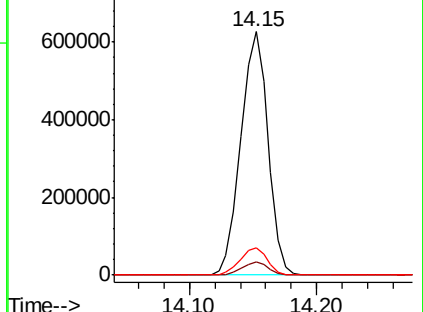
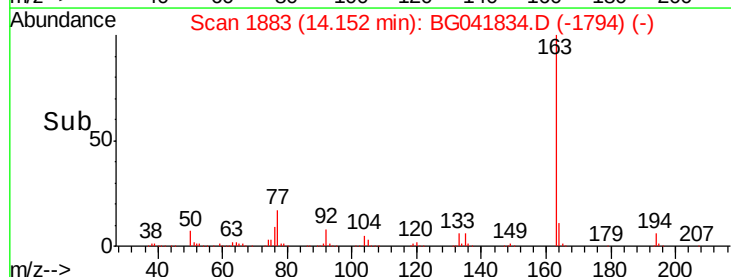
Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.2	6.2
164	11.3	9.4	14.2

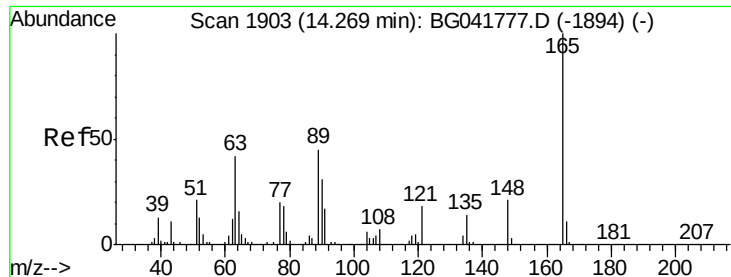


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.558 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampleId :

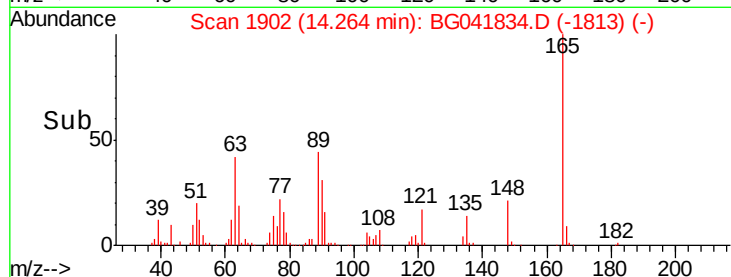
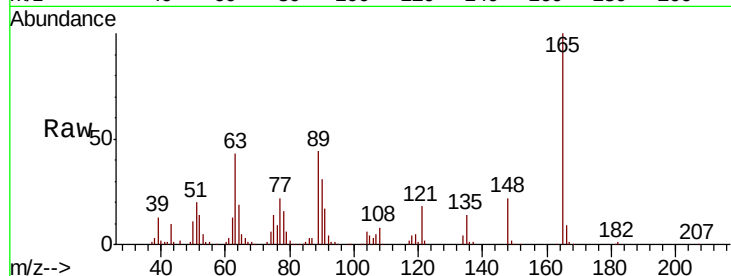
Tot Ion:165 Resp: 177287

Ion Ratio Lower Upper

165 100

63 43.0 42.4 63.6

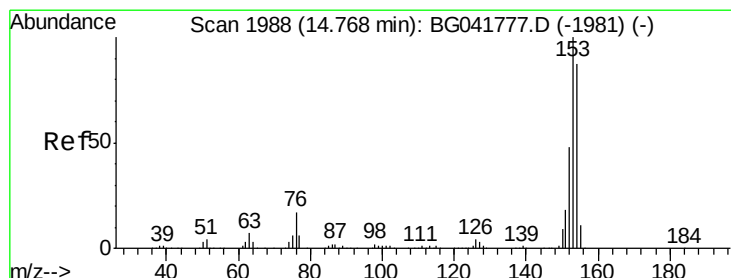
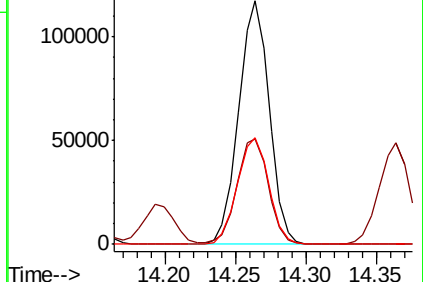
89 43.9 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 38.662 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

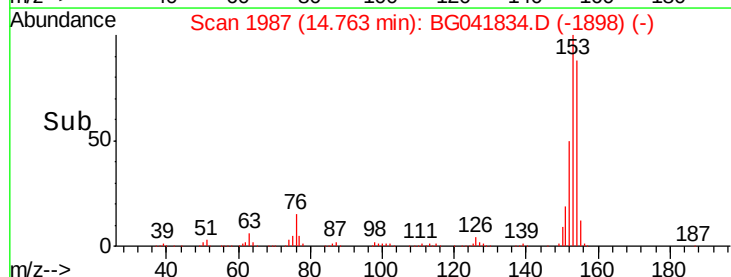
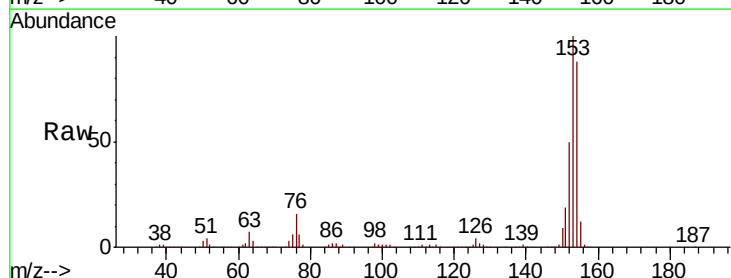
Tgt Ion:154 Resp: 537373

Ion Ratio Lower Upper

154 100

153 114.3 89.8 134.6

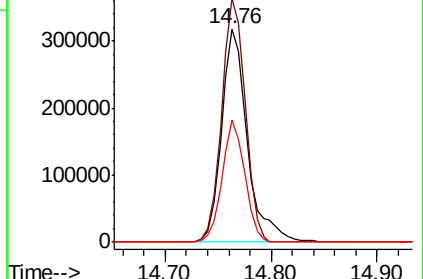
152 57.3 44.9 67.3

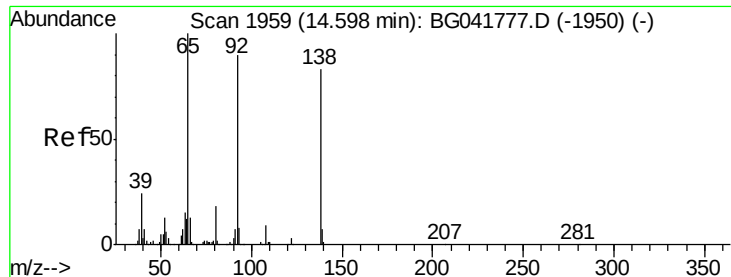


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.665 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampleId :

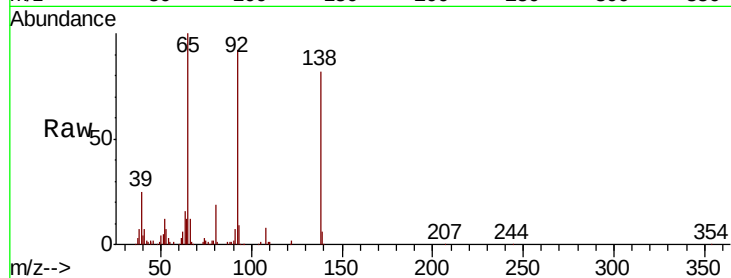
Tot Ion:138 Resp: 106344

Ion Ratio Lower Upper

138 100

108 10.2 10.3 15.5#

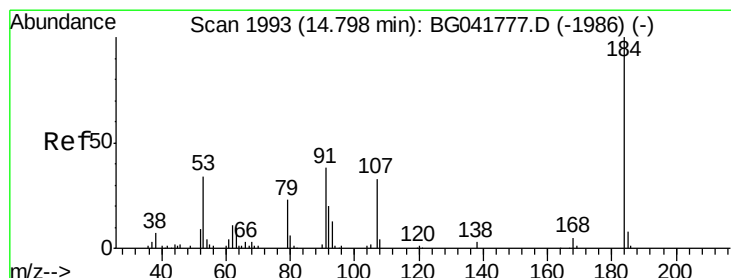
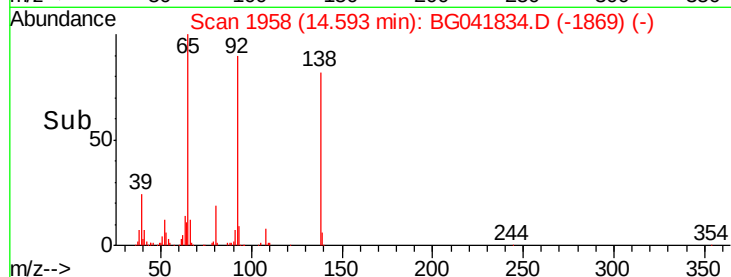
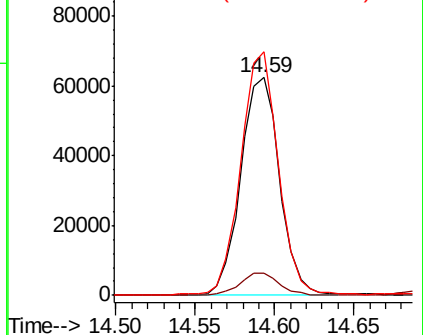
92 111.9 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 53.656 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

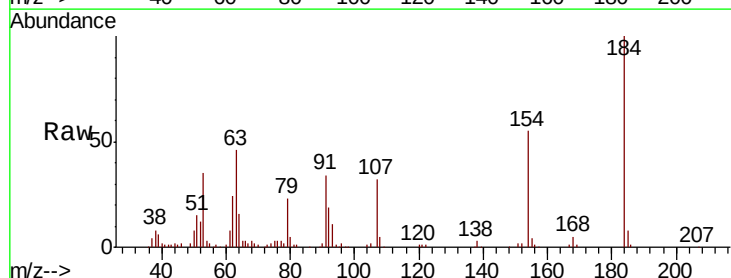
Tgt Ion:184 Resp: 105740

Ion Ratio Lower Upper

184 100

63 45.9 43.2 64.8

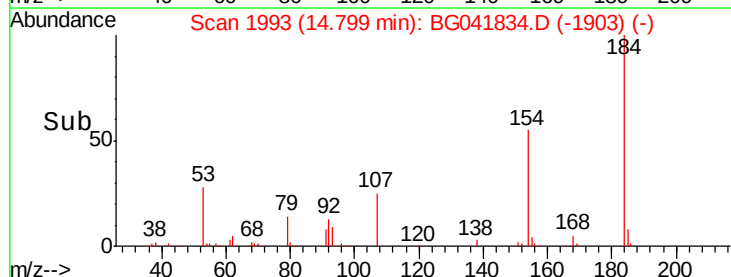
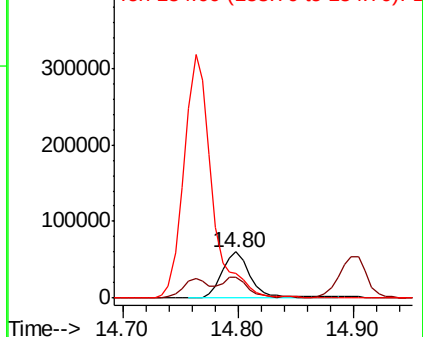
154 54.7 51.4 77.2

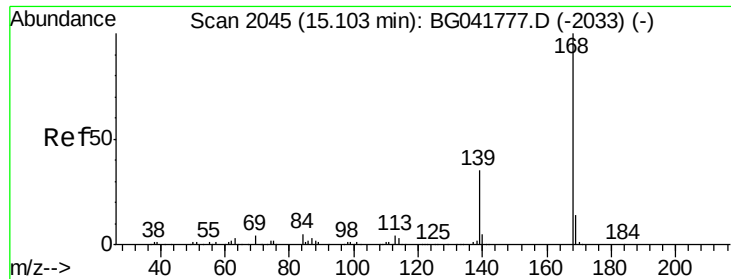


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

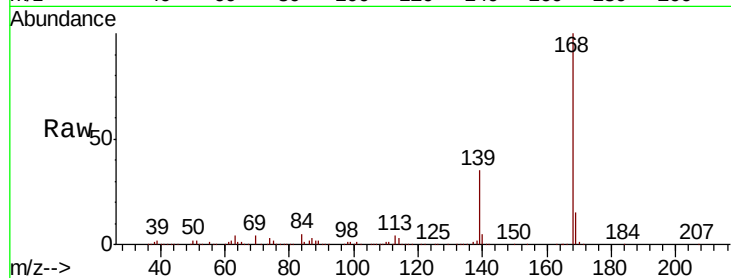




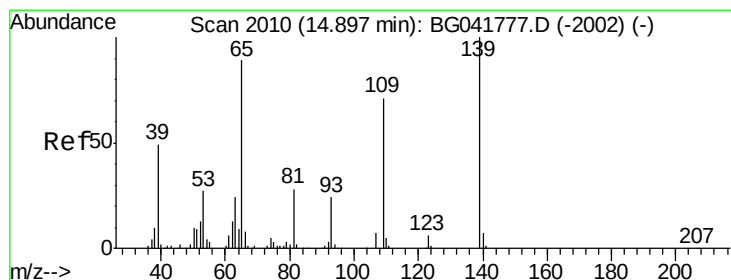
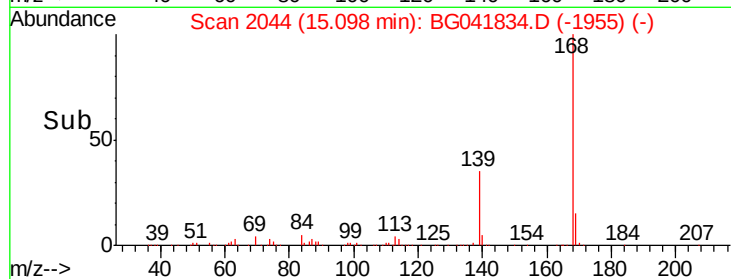
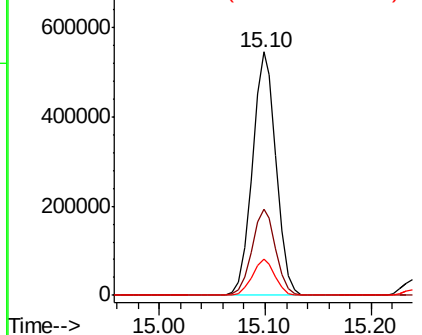
#55
Dibenzenofuran
Concen: 40.022 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 850858
Ion Ratio Lower Upper
168 100
139 35.3 31.9 47.9
169 14.7 12.5 18.7

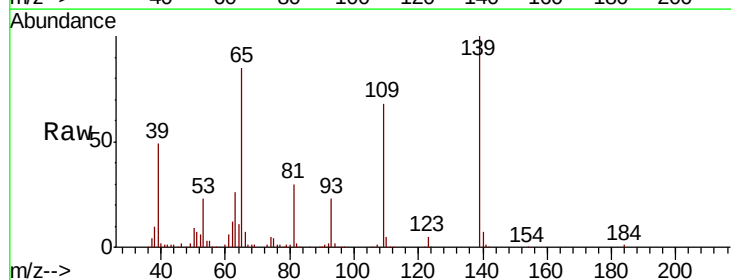


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

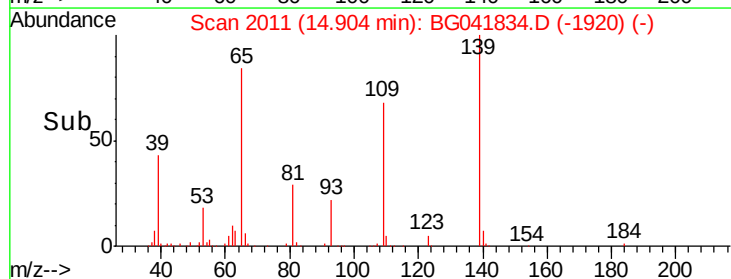
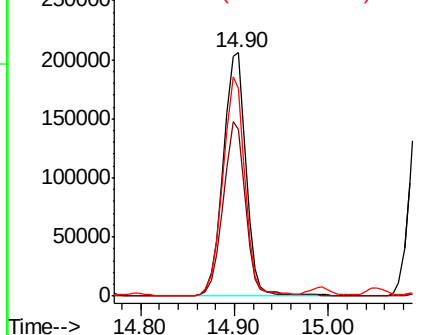


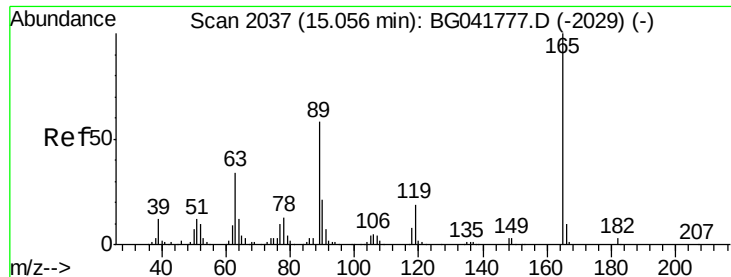
#56
4-Nitrophenol
Concen: 115.855 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion:139 Resp: 350720
Ion Ratio Lower Upper
139 100
109 68.4 51.3 91.3
65 85.3 77.6 117.6



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

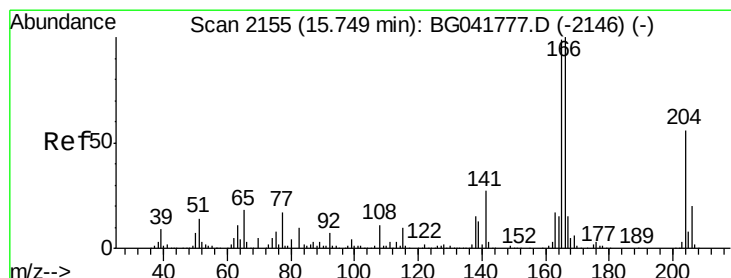
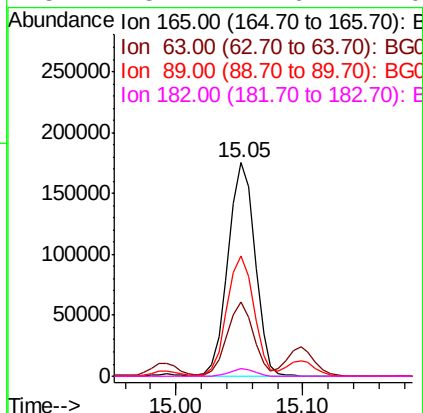
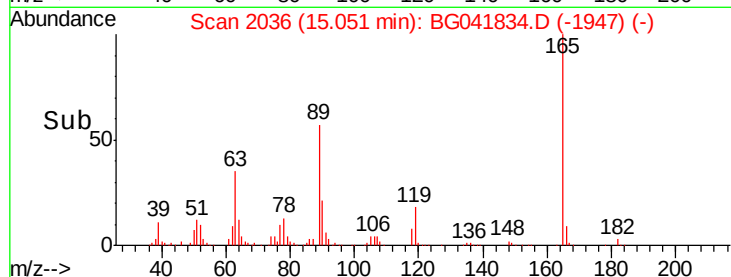
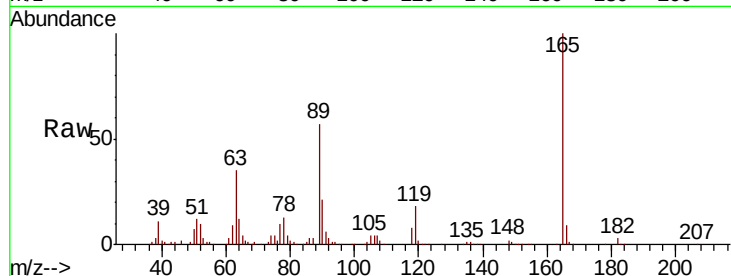




#57
2,4-Dinitrotoluene
Concen: 50.433 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

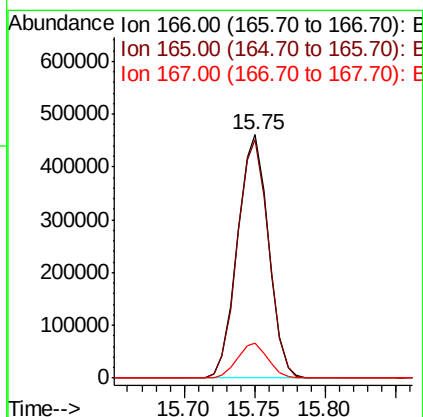
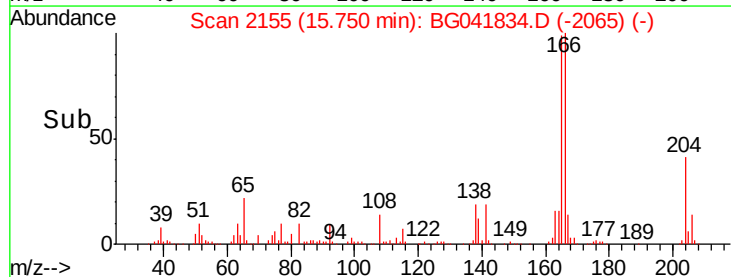
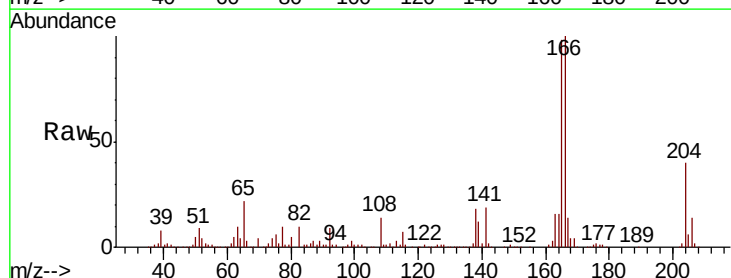
Instrument :
BNA_G
ClientSampleId :

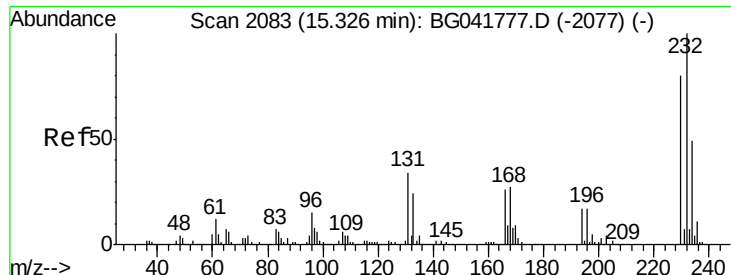
Tot Ion:165 Resp: 258549
Ion Ratio Lower Upper
165 100
63 34.8 31.7 47.5
89 56.6 50.2 75.4
182 3.4 2.6 4.0



#58
Fluorene
Concen: 41.460 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion:166 Resp: 707353
Ion Ratio Lower Upper
166 100
165 97.8 80.5 120.7
167 14.3 12.4 18.6

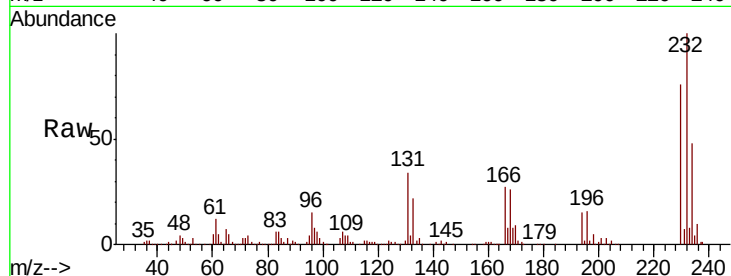




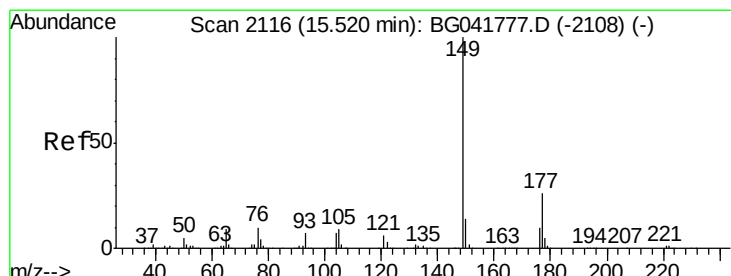
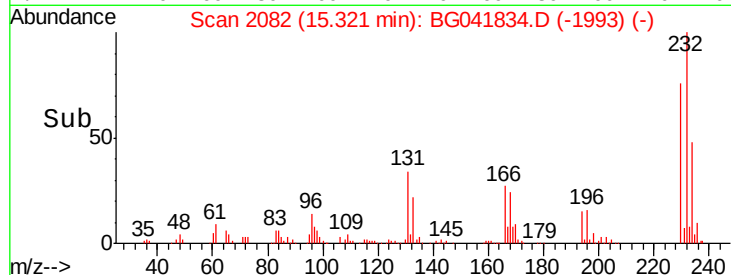
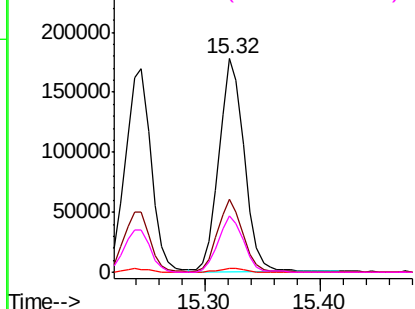
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.185 ng
RT: 15.32 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	269754
Ion	Ratio	Lower	Upper
232	100		
131	34.0	31.8	47.6
130	1.9	1.8	2.8
166	26.1	23.5	35.3

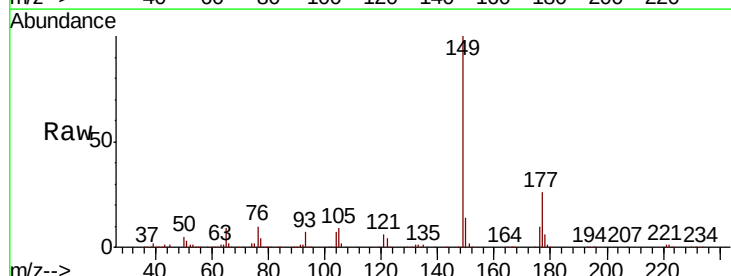


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

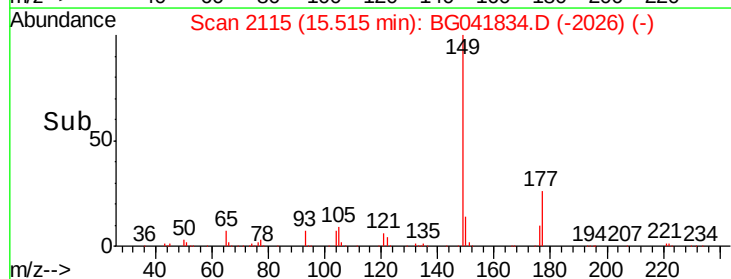
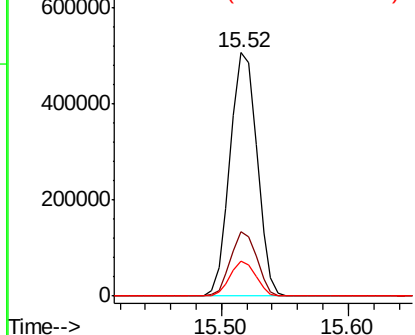


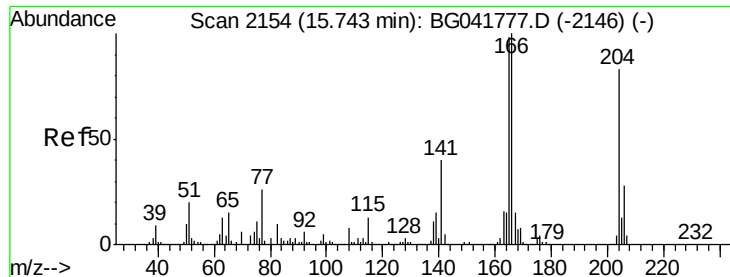
#60
Diethylphthalate
Concen: 42.684 ng
RT: 15.52 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion:	149	Resp:	747083
Ion	Ratio	Lower	Upper
149	100		
177	26.4	20.7	31.1
150	14.3	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

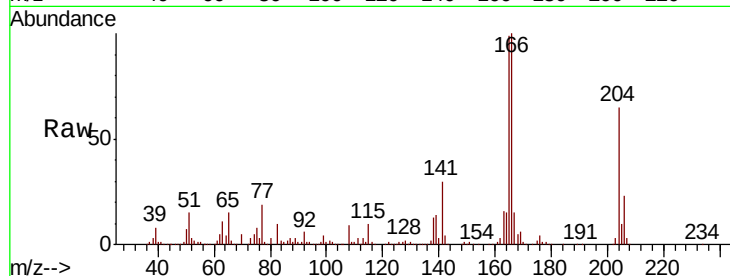




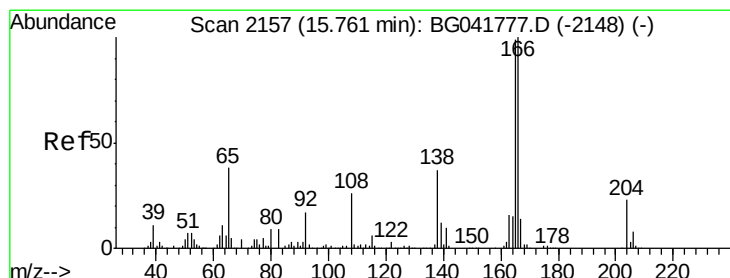
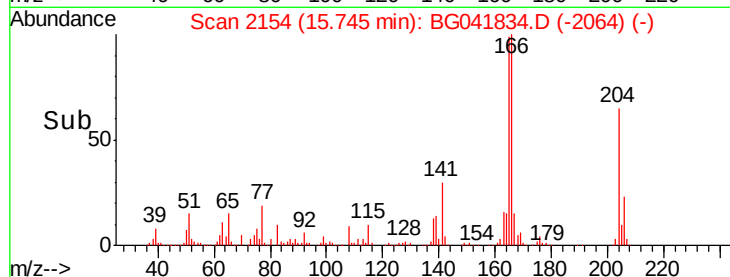
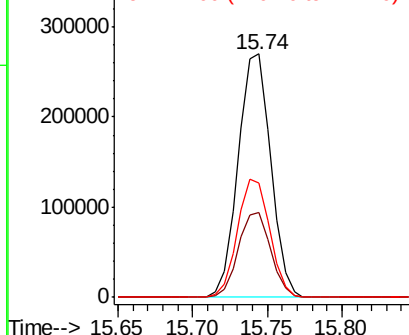
#61
4-Chlorophenyl-phenylether
Concen: 39.294 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.6	42.8
141	46.8	42.9	64.3

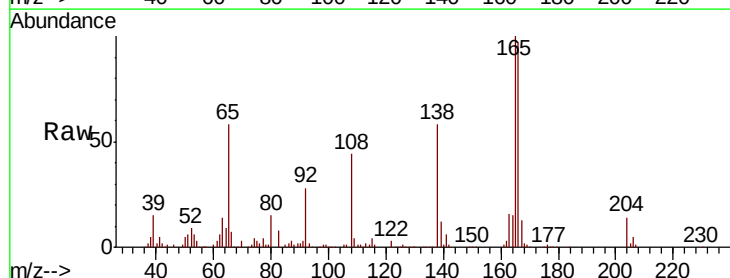


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

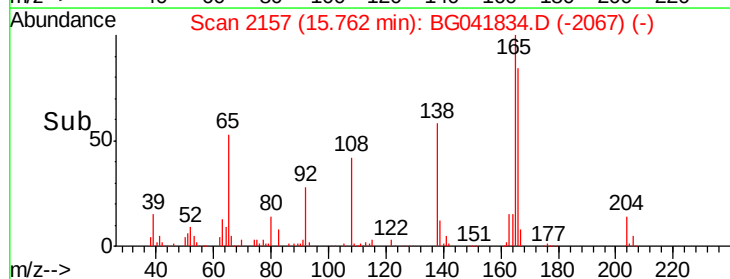
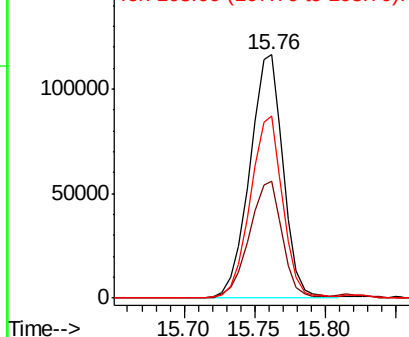


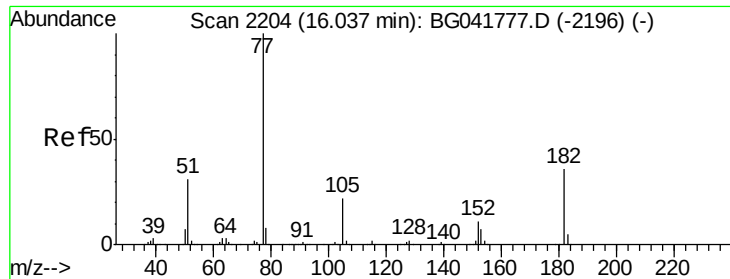
#62
4-Nitroaniline
Concen: 44.699 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	29.8	69.8
108	75.0	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: 40.223 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

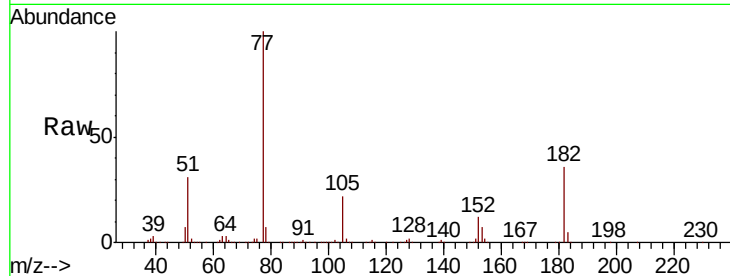
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 575096

Ion	Ratio	Lower	Upper
77	100		
182	35.8	13.2	53.2
105	21.7	2.2	42.2
51	30.9	14.6	54.6

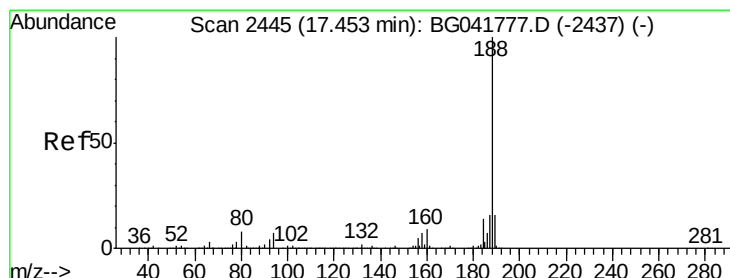
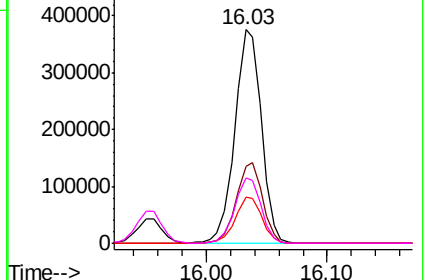
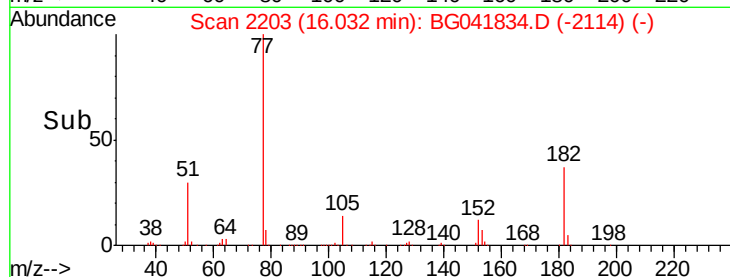


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

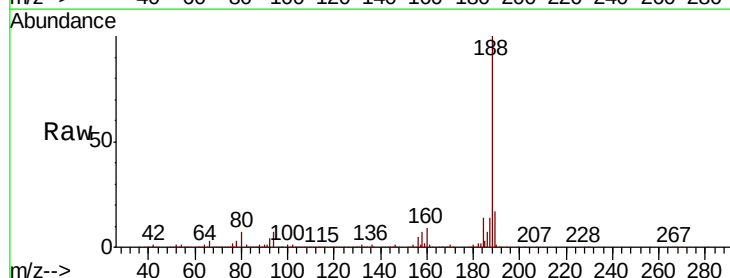
Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Tgt Ion: 188 Resp: 671848

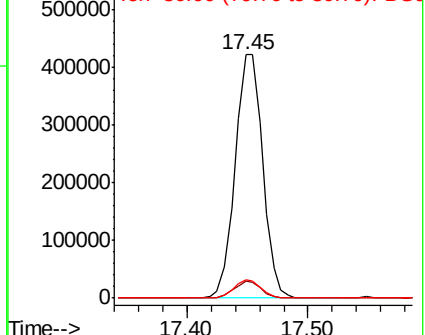
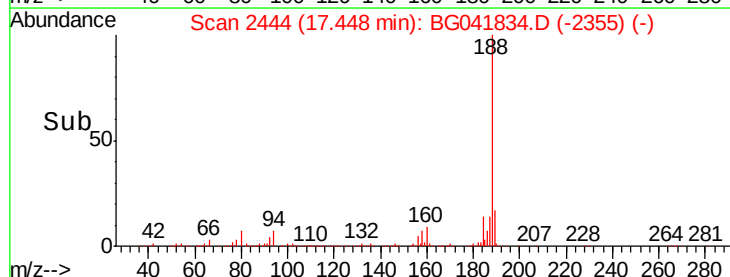
Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.3	8.0	12.0

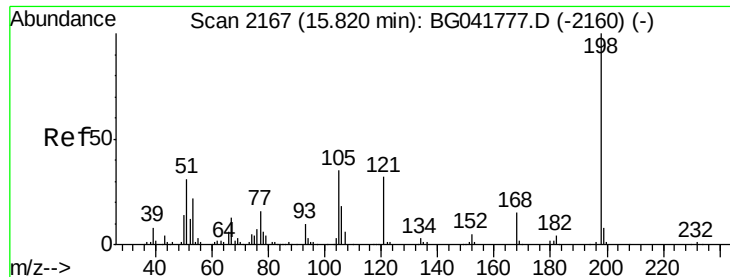


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

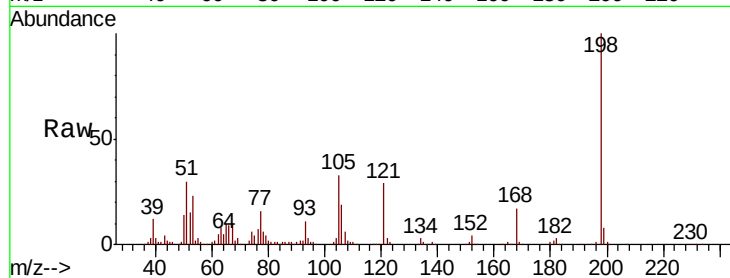




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.252 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.5	22.3	62.3
105	32.7	18.0	58.0

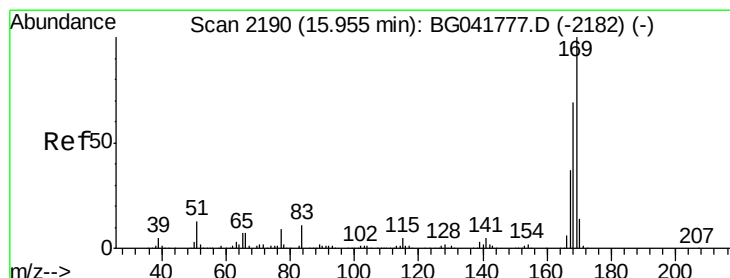
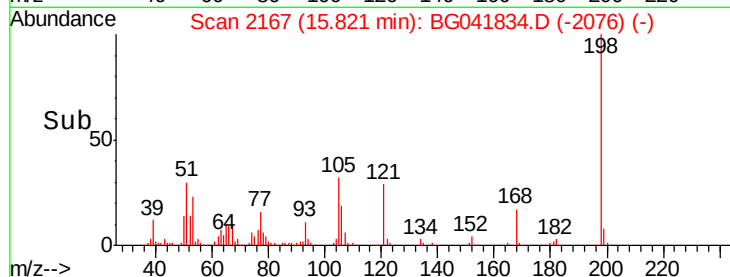
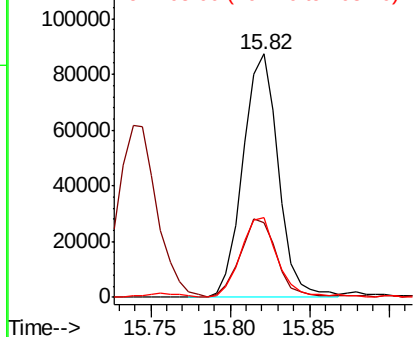


Abundance

Ion 198.00 (197.70 to 198.70): E

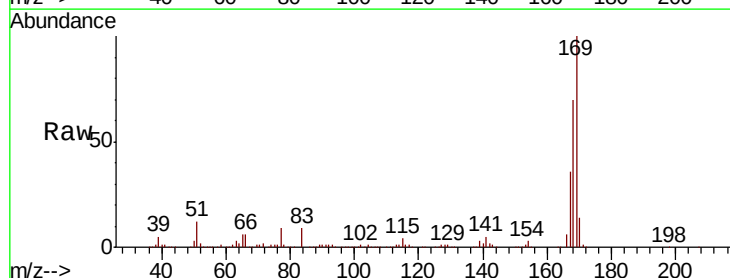
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 37.870 ng
 RT: 15.96 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.6	56.9	85.3
167	36.2	31.5	47.3

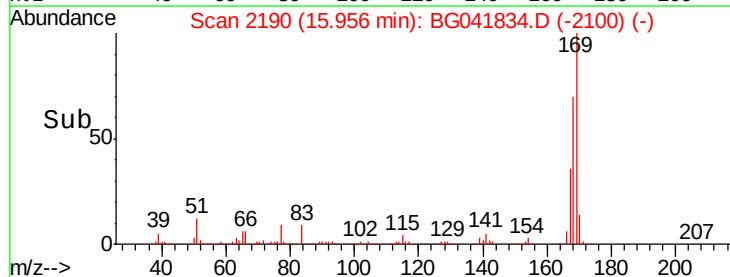
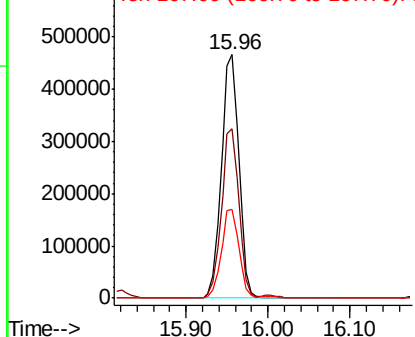


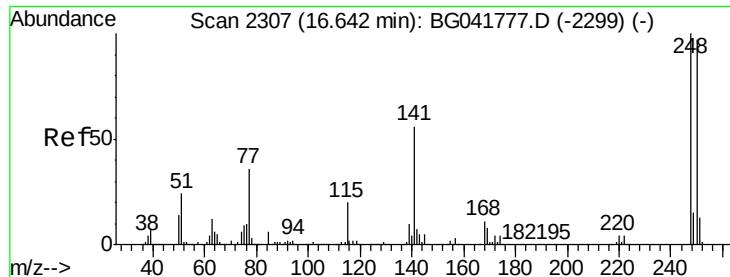
Abundance

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

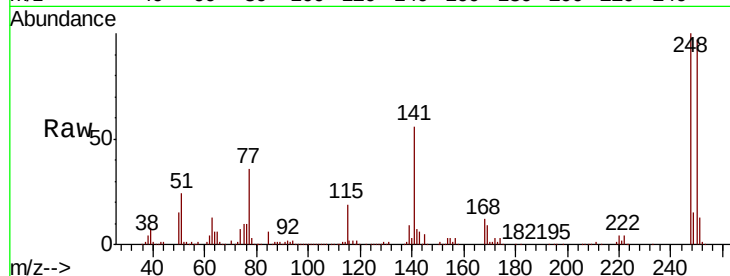




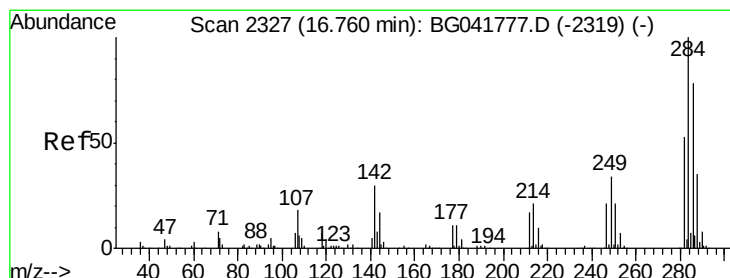
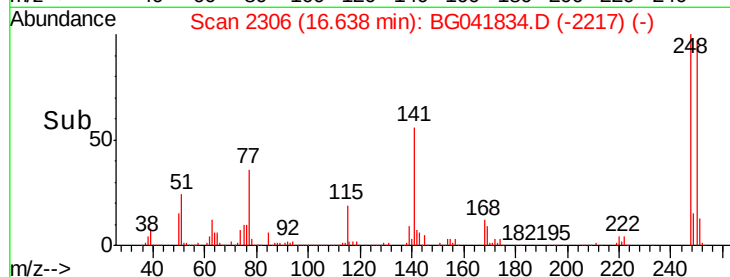
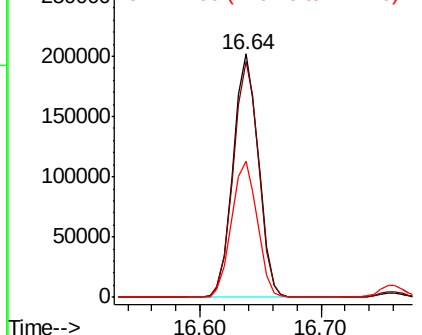
#67
 4-Bromophenyl-phenylether
 Concen: 35.667 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 295172
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.1 117.1
 141 56.1 49.6 74.4

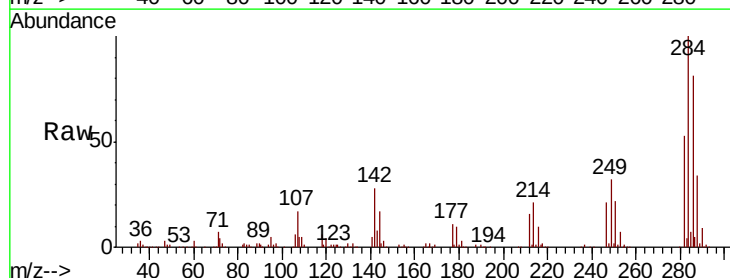


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

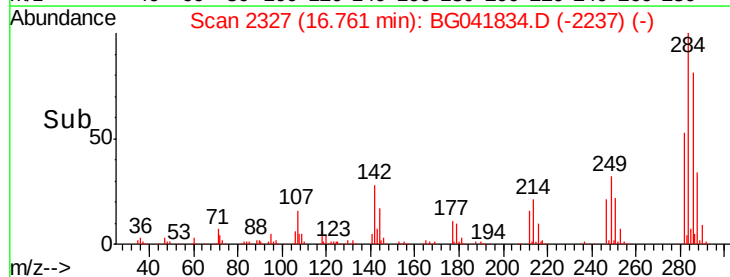
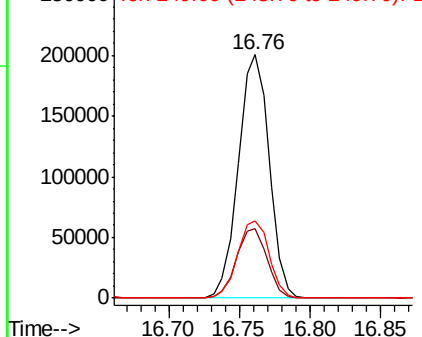


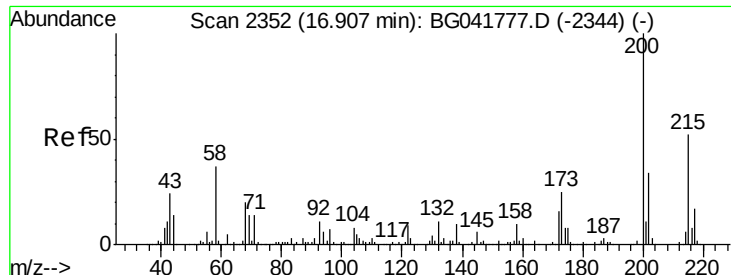
#68
 Hexachlorobenzene
 Concen: 35.363 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Tgt Ion:284 Resp: 306177
 Ion Ratio Lower Upper
 284 100
 142 28.4 27.0 40.6
 249 32.0 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

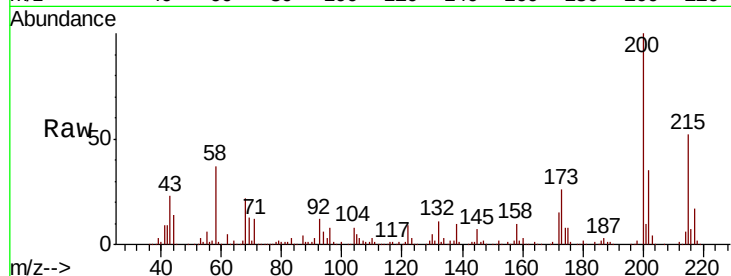




#69
 Atrazine
 Concen: 39.149 ng
 RT: 16.90 min Scan# 2351
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.3	45.3
215	51.8	31.8	71.8

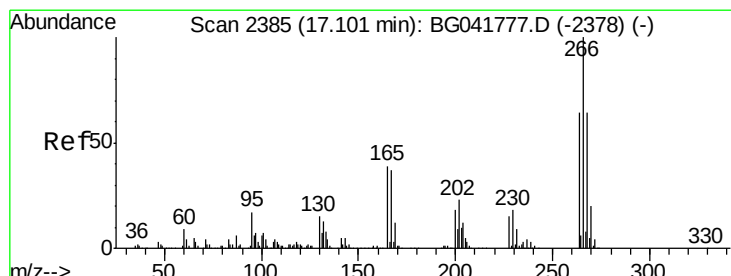
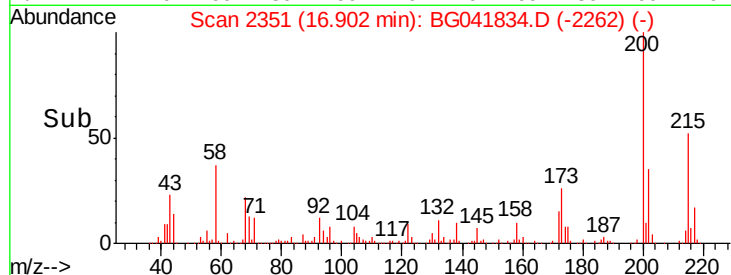
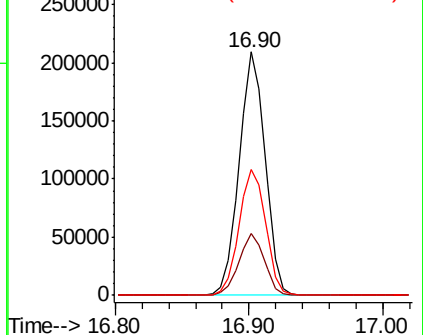


Abundance

Ion 200.00 (199.70 to 200.70): E

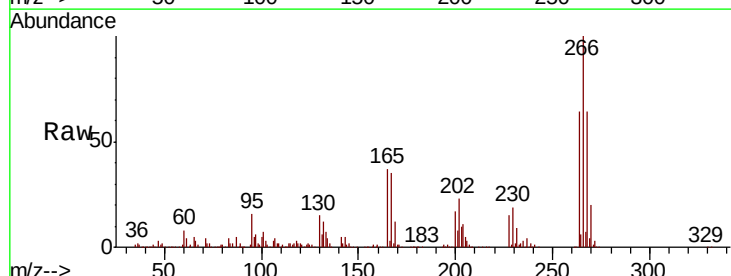
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 78.810 ng
 RT: 17.10 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.9	79.3
264	63.6	51.4	77.2

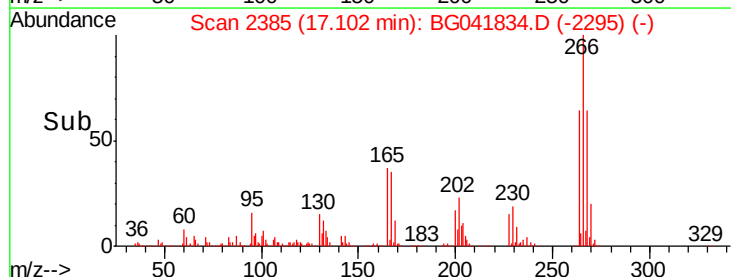
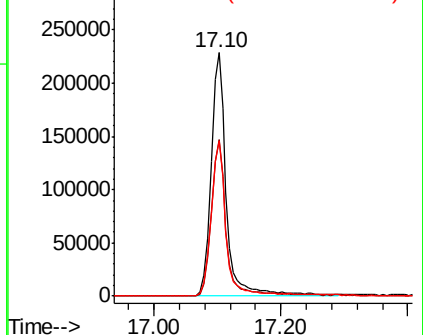


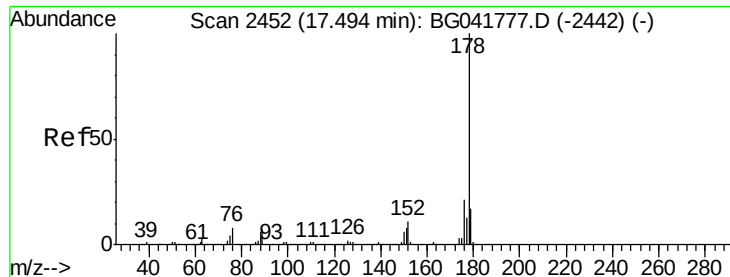
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



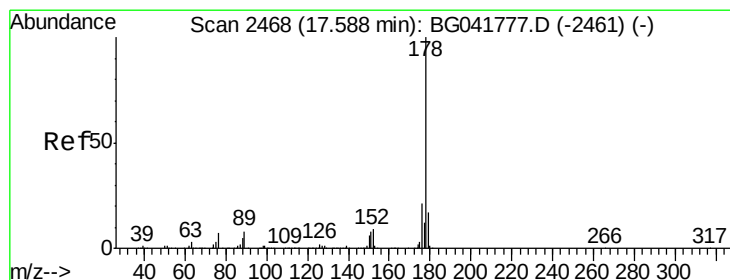
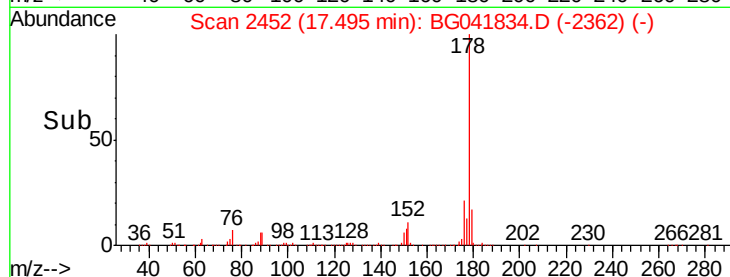
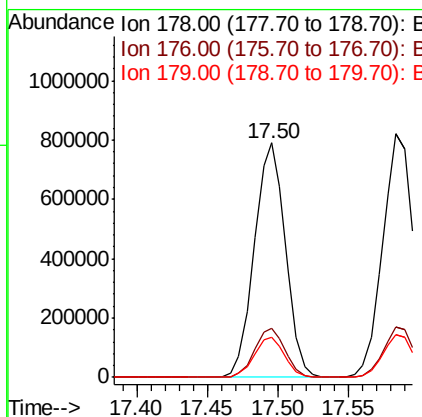
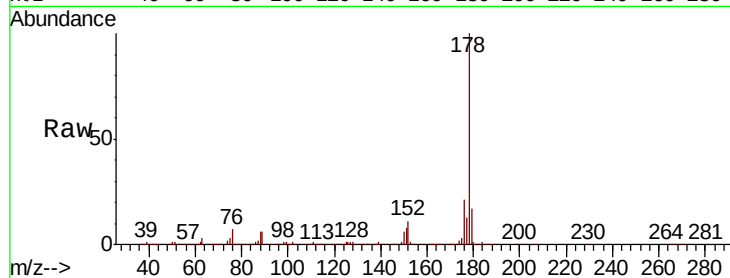


#71
 Phenanthrene
 Concen: 38.022 ng
 RT: 17.50 min Scan# 2452
 Delta R.T. 0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:178 Resp: 1224455

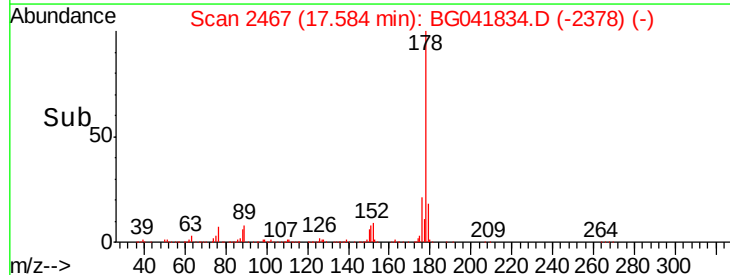
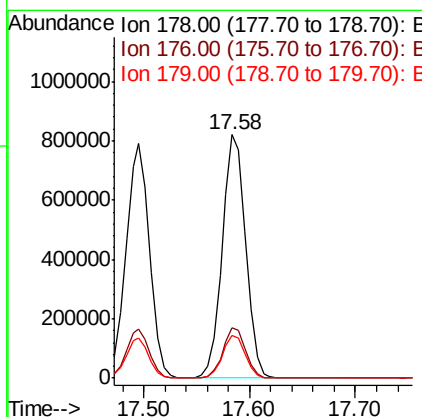
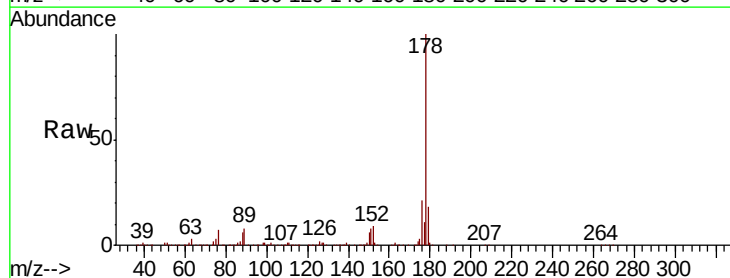
Ion	Ratio	Lower	Upper
178	100		
176	20.9	18.6	28.0
179	17.2	15.4	23.0

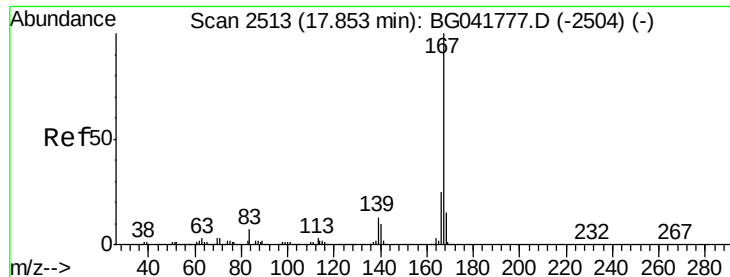


#72
 Anthracene
 Concen: 39.128 ng
 RT: 17.58 min Scan# 2467
 Delta R.T. -0.00 min
 Lab File: BG041834.D
 Acq: 31 Jul 2019 15:31

Tgt Ion:178 Resp: 1256724

Ion	Ratio	Lower	Upper
178	100		
176	20.8	18.6	28.0
179	17.7	15.1	22.7





#73

Carbazole

Concen: 40.212 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

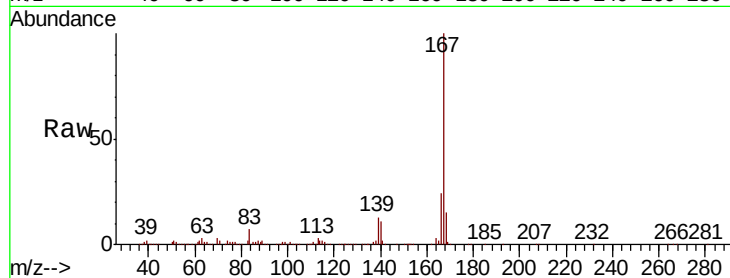
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 1159208

Ion	Ratio	Lower	Upper
167	100		
166	24.3	21.4	32.2
139	13.1	12.1	18.1

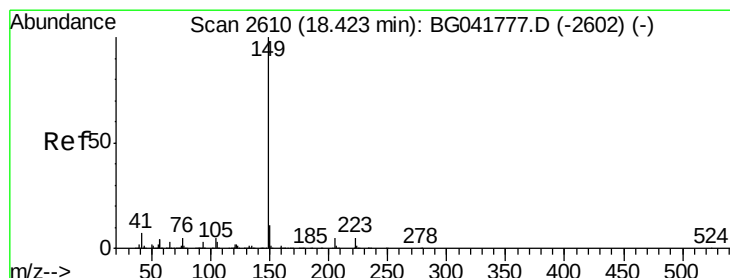
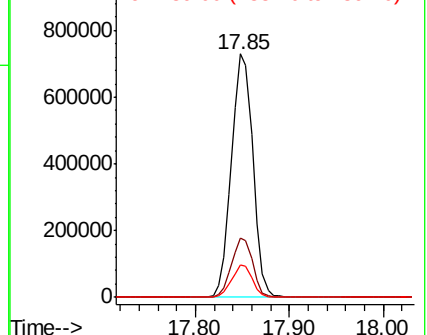
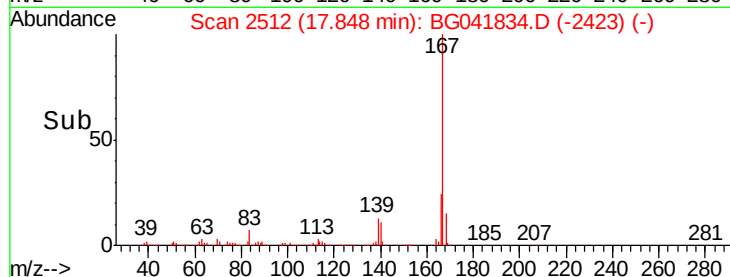


Abundance

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: 39.267 ng

RT: 18.42 min Scan# 2609

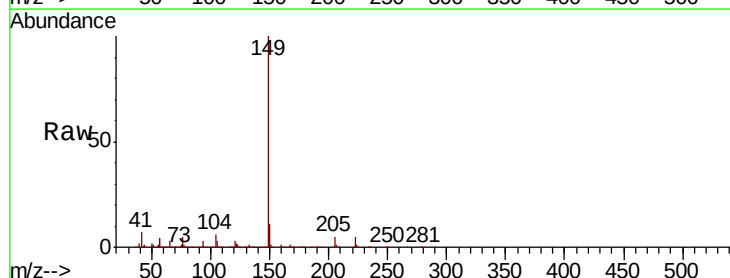
Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Tgt Ion:149 Resp: 1283293

Ion	Ratio	Lower	Upper
149	100		
150	11.0	10.2	15.2
104	5.5	5.3	7.9

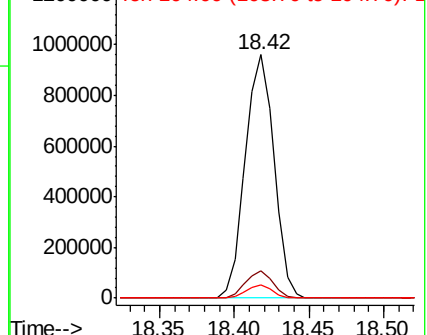
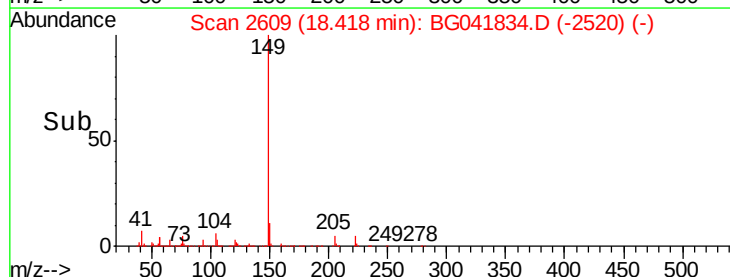


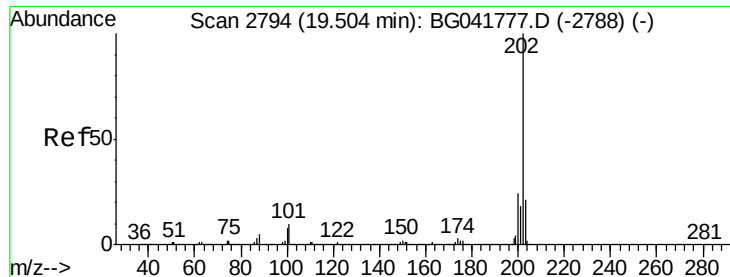
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.637 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampled :

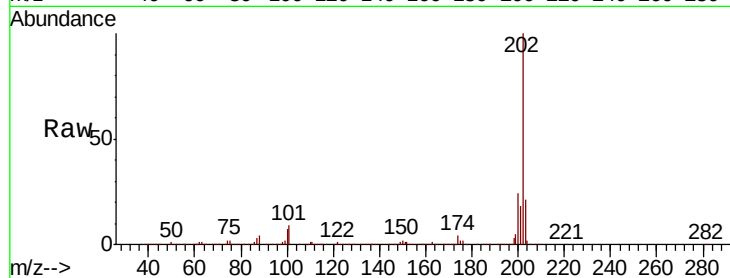
Tot Ion:202 Resp: 1551548

Ion Ratio Lower Upper

202 100

101 8.8 0.0 32.8

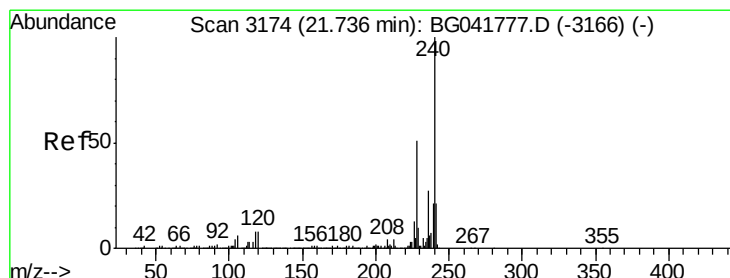
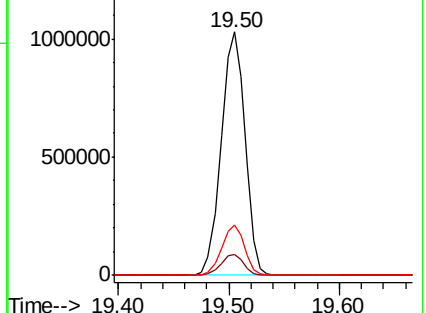
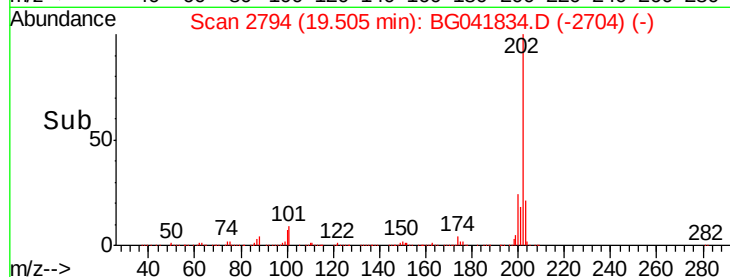
203 20.5 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

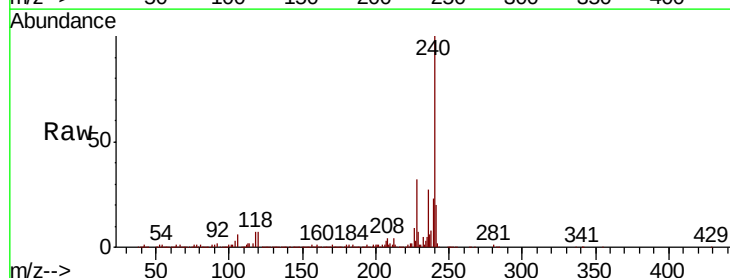
Tgt Ion:240 Resp: 680406

Ion Ratio Lower Upper

240 100

120 7.4 8.0 12.0#

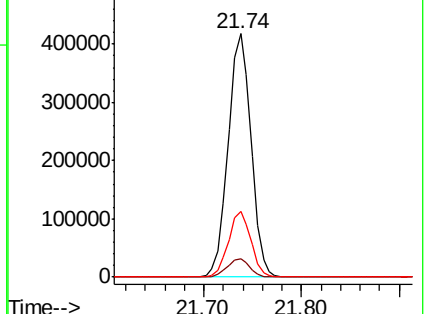
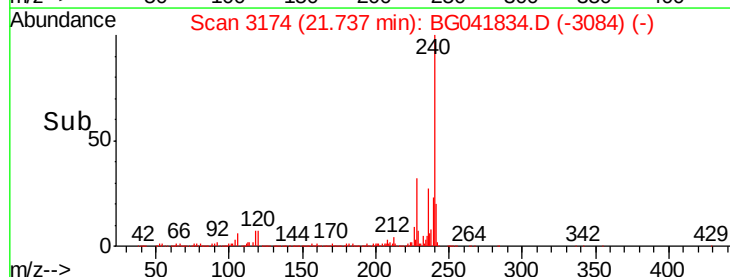
236 27.1 22.6 33.8

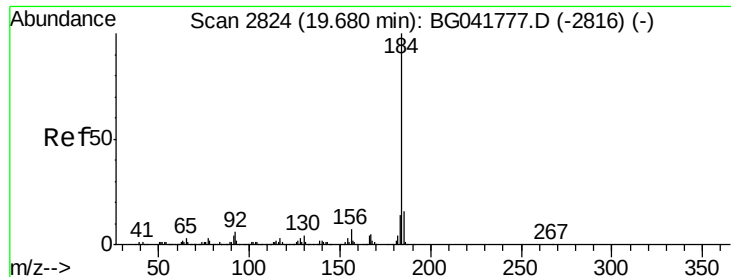


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.085 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

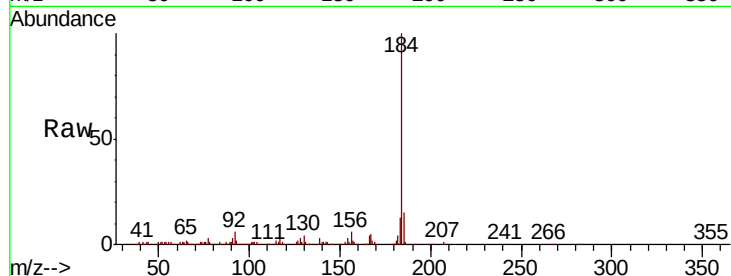
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 312817

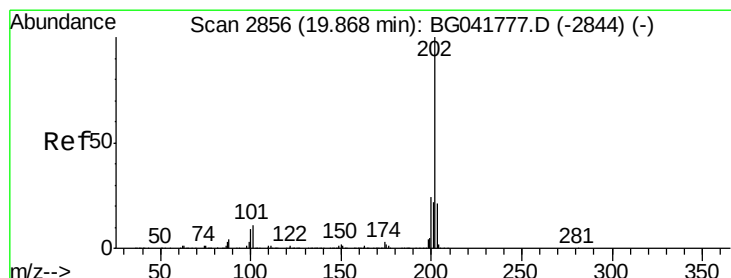
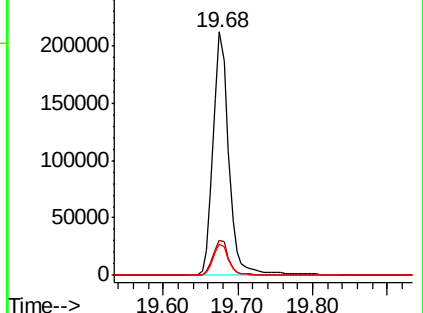
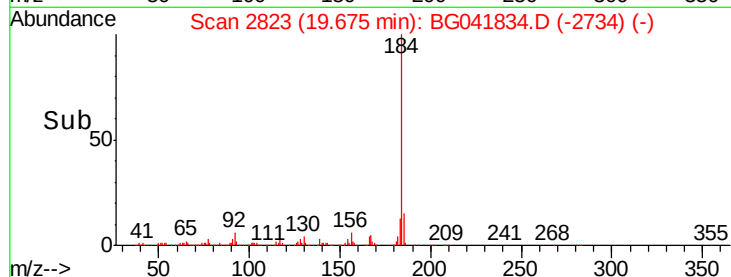
Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.4
183	12.5	11.8	17.6



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

Pyrene

Concen: 38.146 ng

RT: 19.86 min Scan# 2855

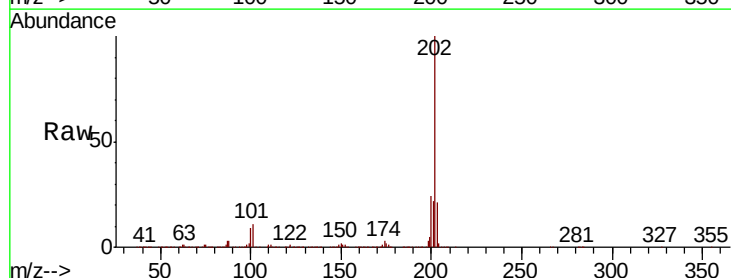
Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Tgt Ion:202 Resp: 1537773

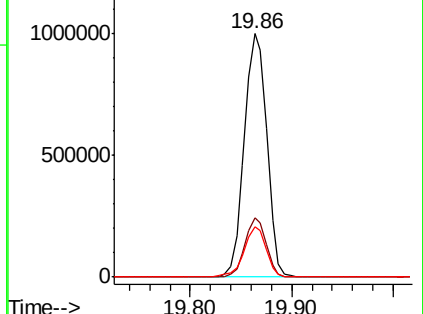
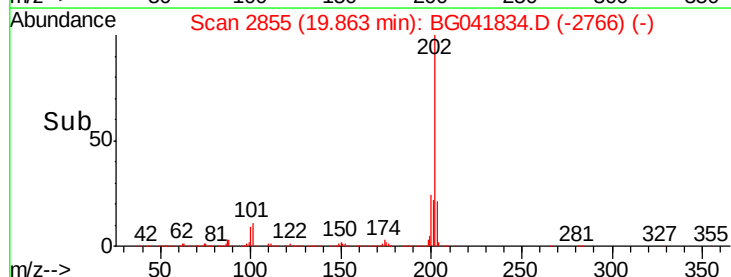
Ion	Ratio	Lower	Upper
202	100		
200	24.2	22.2	33.2
203	20.9	18.9	28.3

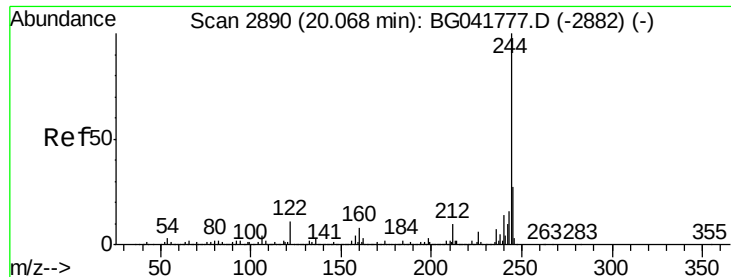


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.355 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampleId :

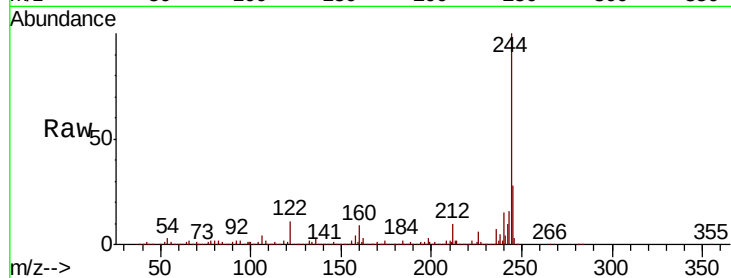
Tot Ion:244 Resp: 2210908

Ion Ratio Lower Upper

244 100

212 9.7 9.7 14.5

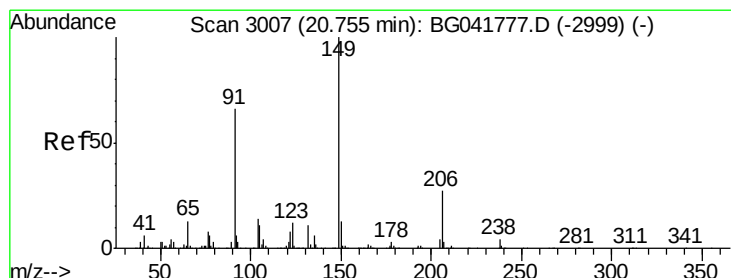
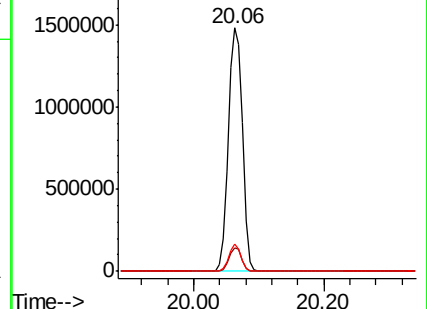
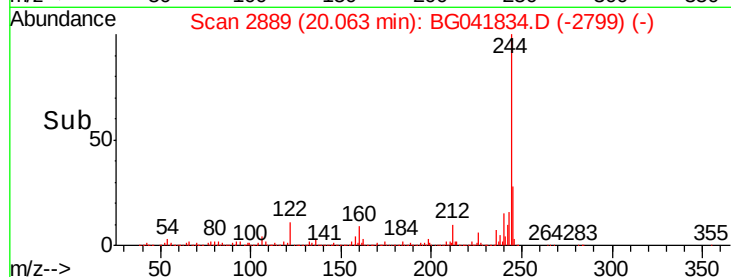
122 11.1 12.5 18.7#



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: 39.495 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

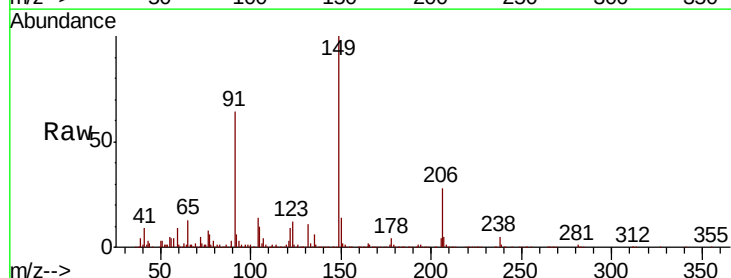
Tgt Ion:149 Resp: 610432

Ion Ratio Lower Upper

149 100

91 63.9 58.9 88.3

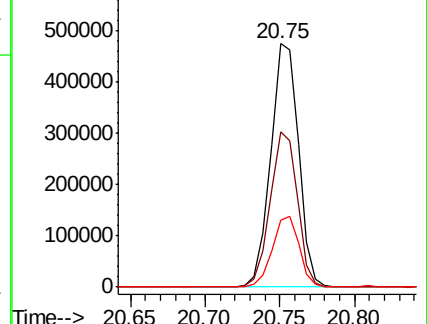
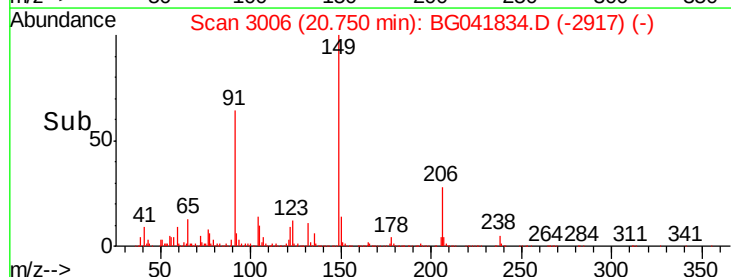
206 27.7 20.8 31.2

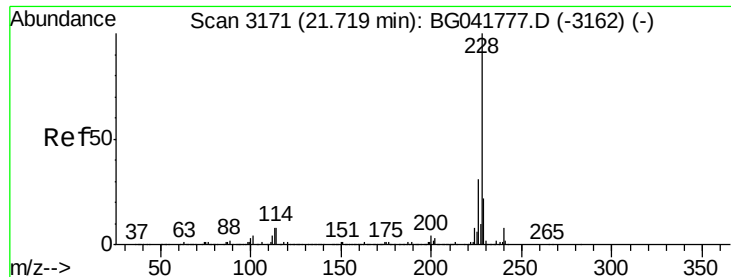


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.511 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampleId :

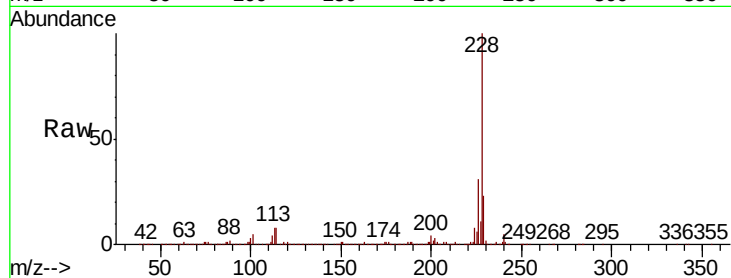
Tot Ion:228 Resp: 1510022

Ion Ratio Lower Upper

228 100

226 31.1 27.3 40.9

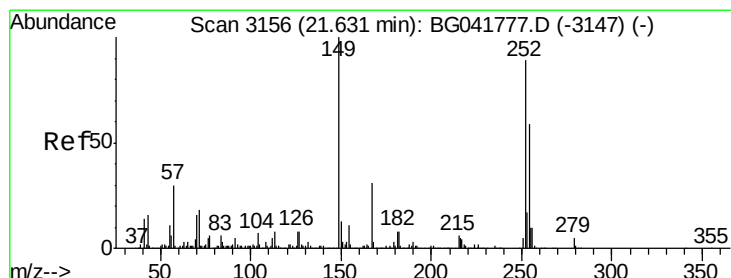
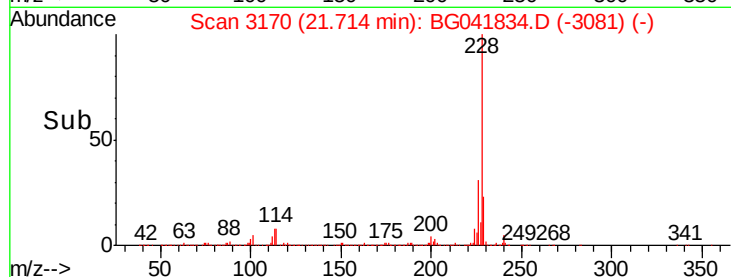
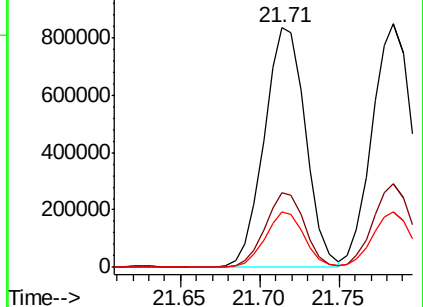
229 23.1 19.7 29.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.566 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

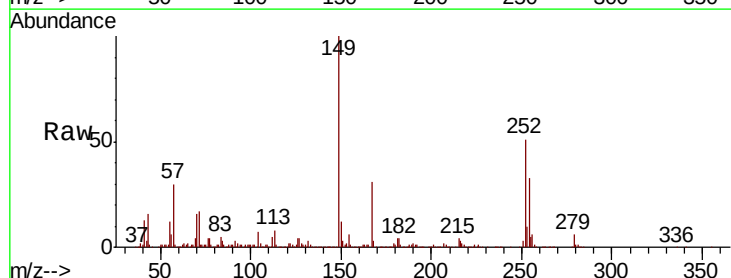
Tgt Ion:252 Resp: 397054

Ion Ratio Lower Upper

252 100

254 65.3 53.8 80.6

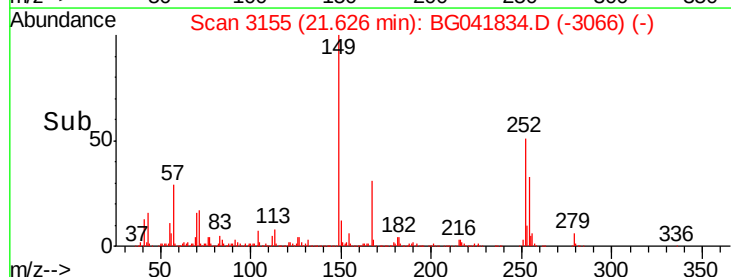
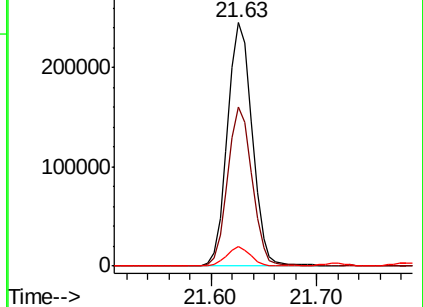
126 7.9 7.8 11.8

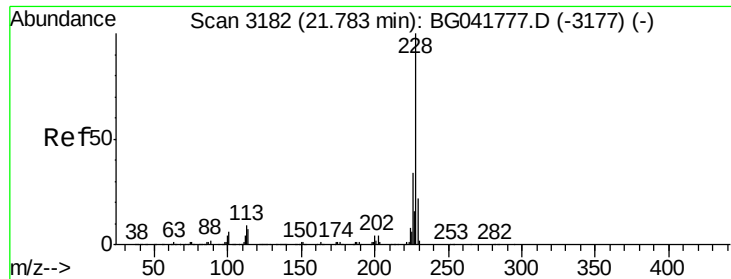


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

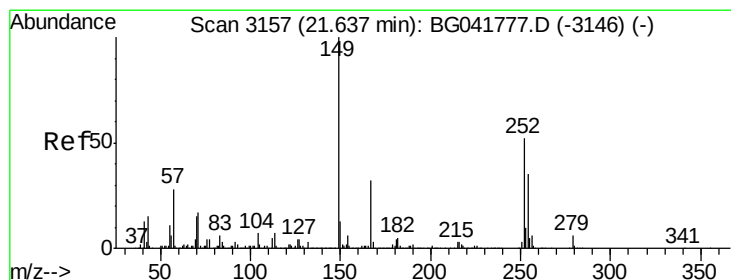
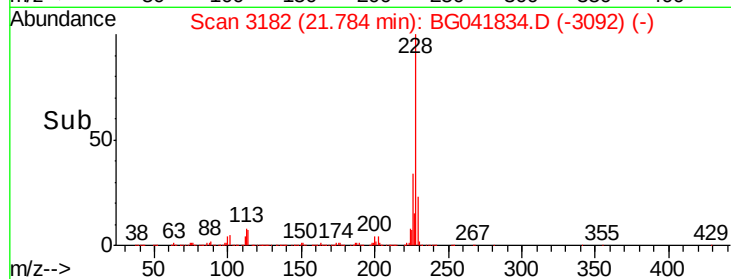
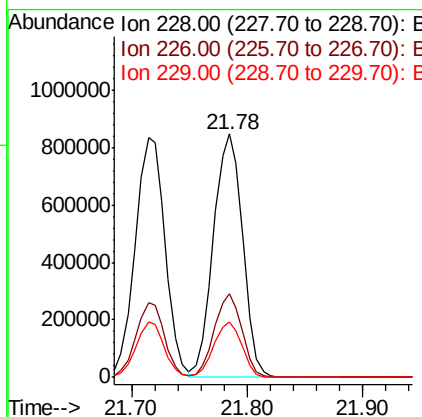
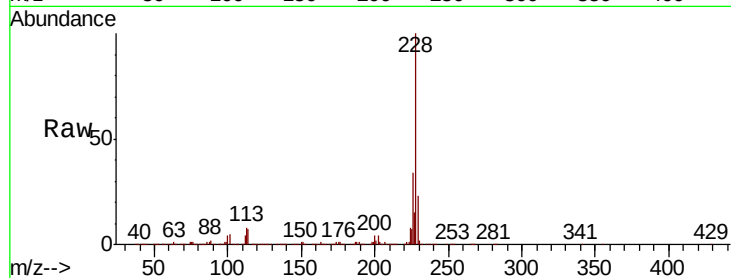




#83
Chrysene
Concen: 38.360 ng
RT: 21.78 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

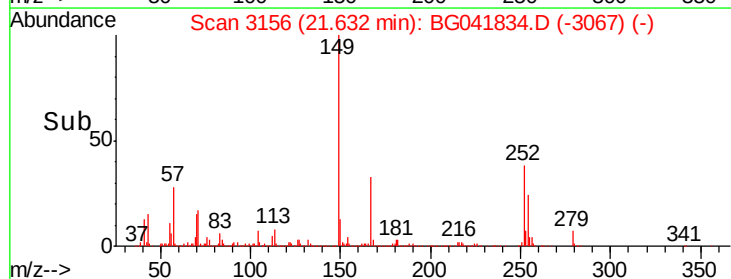
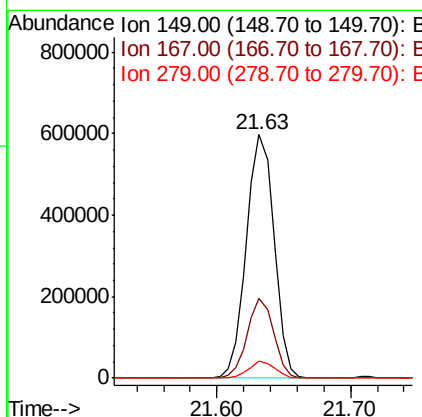
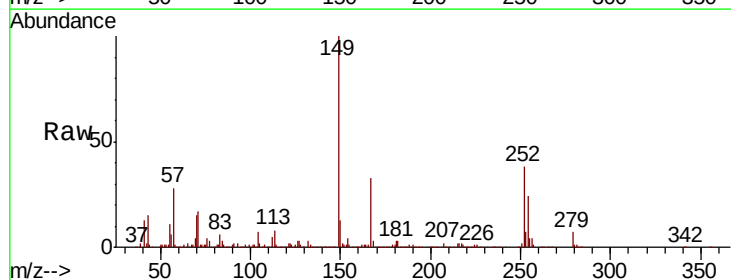
Instrument :
BNA_G
ClientSampleId :

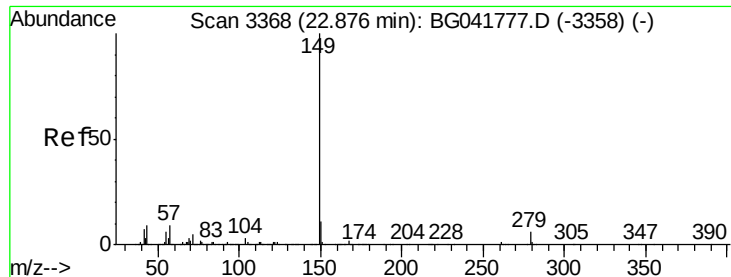
Tot Ion:228 Resp: 1480252
Ion Ratio Lower Upper
228 100
226 34.3 30.1 45.1
229 22.8 19.8 29.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.910 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion:149 Resp: 850898
Ion Ratio Lower Upper
149 100
167 33.0 27.0 40.4
279 7.2 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 40.887 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampled :

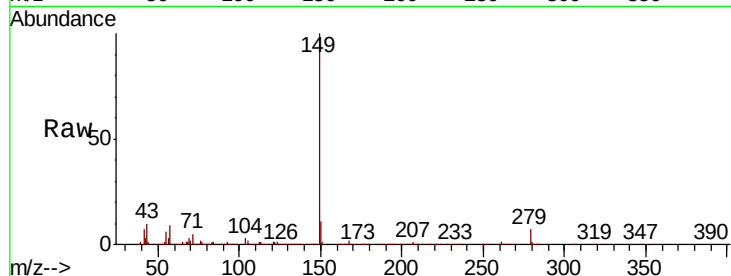
Tot Ion:149 Resp: 1467057

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

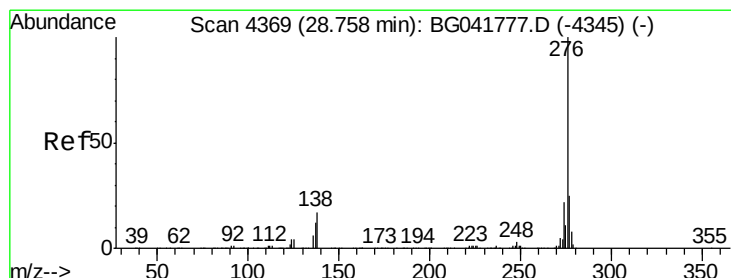
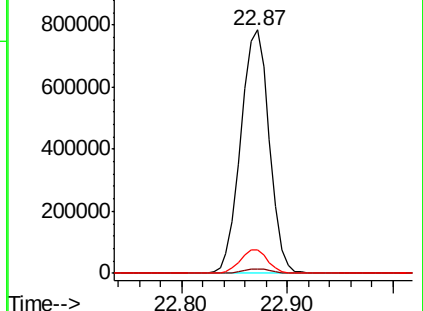
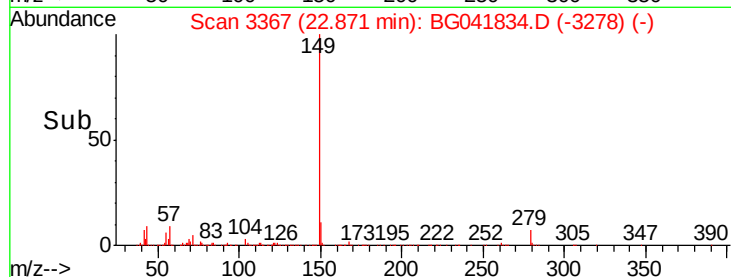
43 9.2 10.6 16.0#



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: 38.318 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

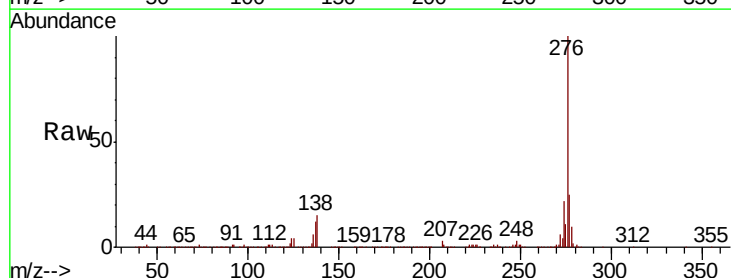
Tgt Ion:276 Resp: 1957368

Ion Ratio Lower Upper

276 100

138 12.2 19.4 29.0#

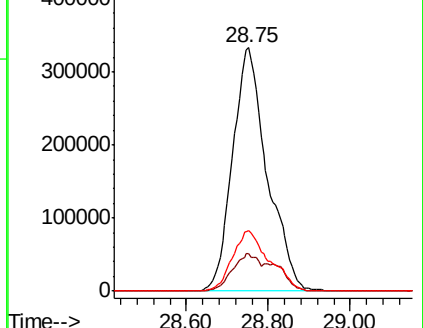
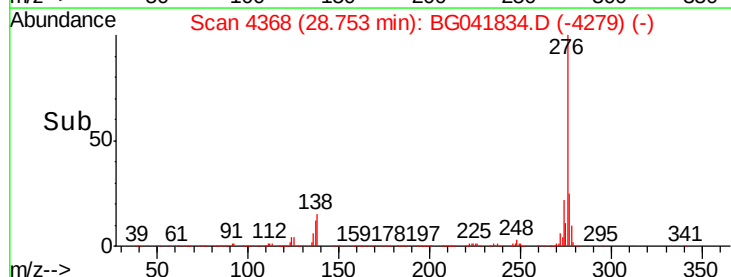
277 26.4 21.2 31.8

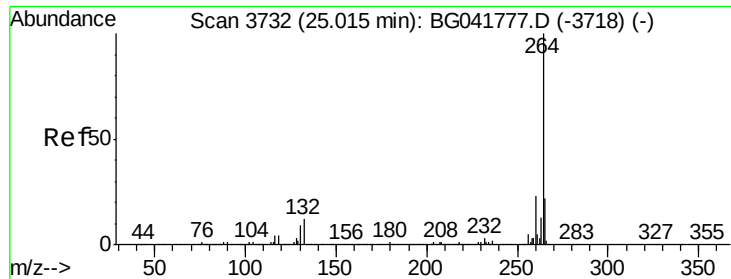


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3731

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampleId :

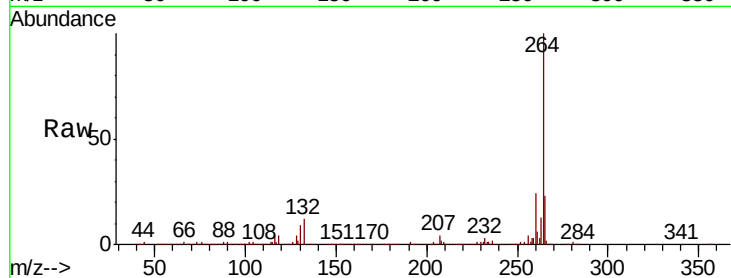
Tot Ion:264 Resp: 801956

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

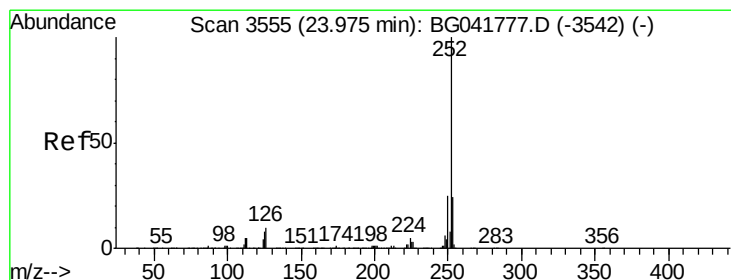
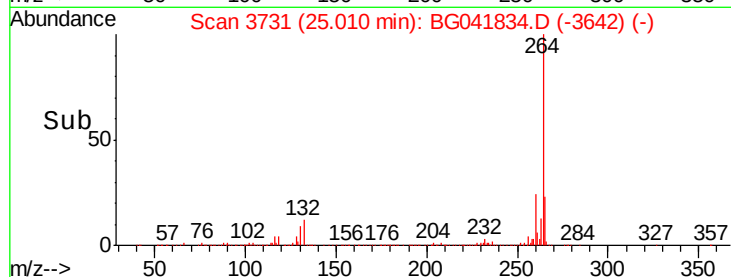
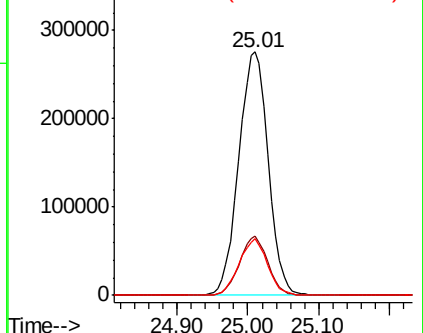
265 23.2 18.0 27.0



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: 38.262 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

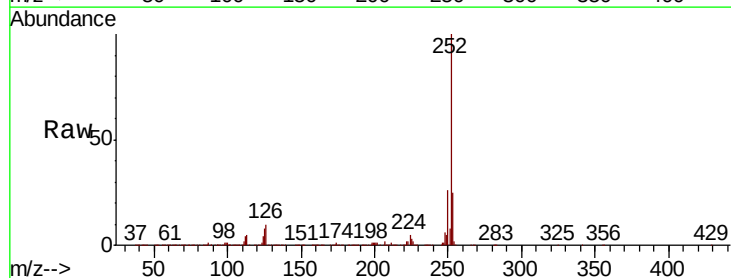
Tgt Ion:252 Resp: 1678582

Ion Ratio Lower Upper

252 100

253 24.5 20.6 30.8

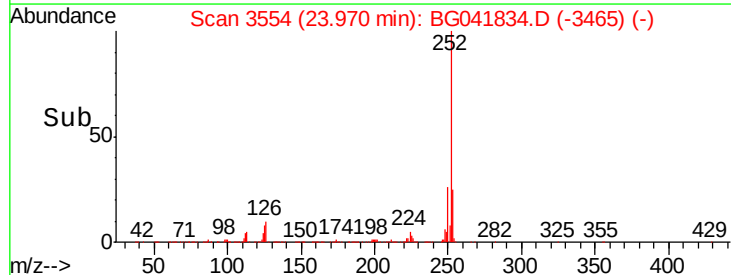
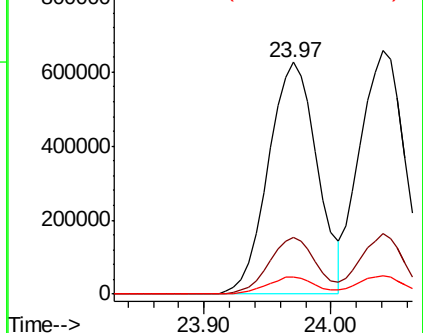
125 7.5 8.0 12.0#

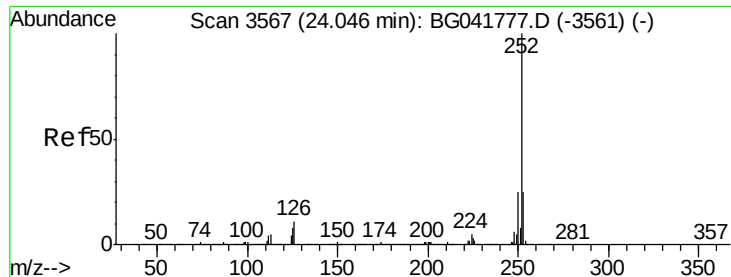


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.941 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

Instrument :

BNA_G

ClientSampled :

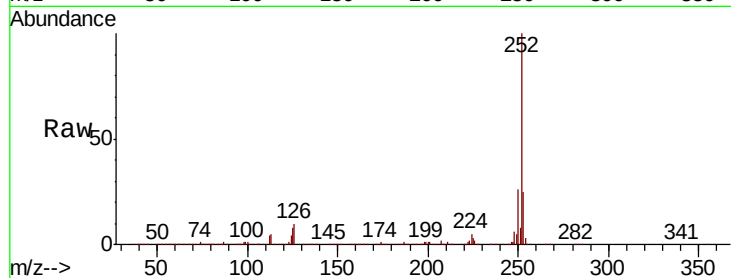
Tot Ion:252 Resp: 1621378

Ion Ratio Lower Upper

252 100

253 25.1 20.5 30.7

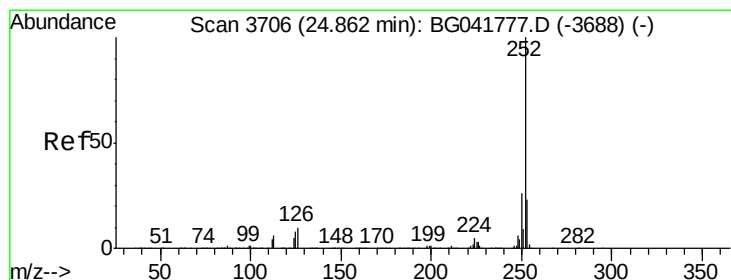
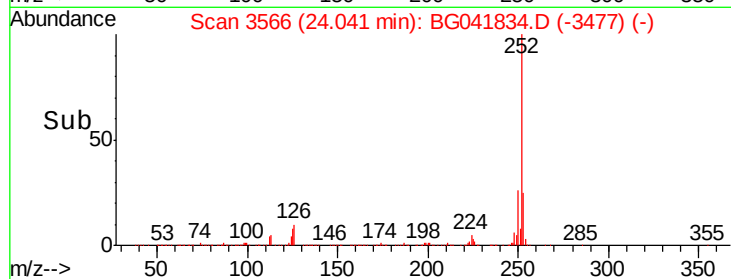
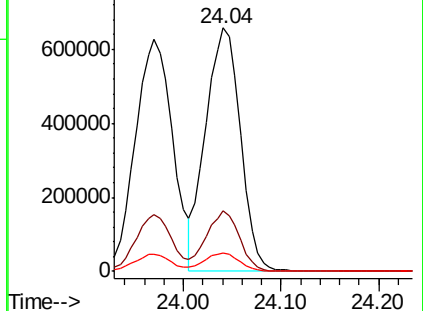
125 7.5 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.261 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG041834.D

Acq: 31 Jul 2019 15:31

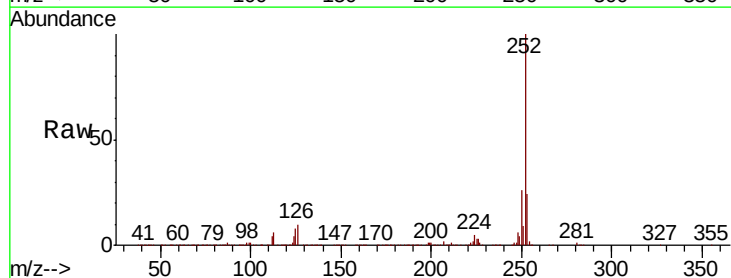
Tgt Ion:252 Resp: 1651894

Ion Ratio Lower Upper

252 100

253 23.8 19.8 29.8

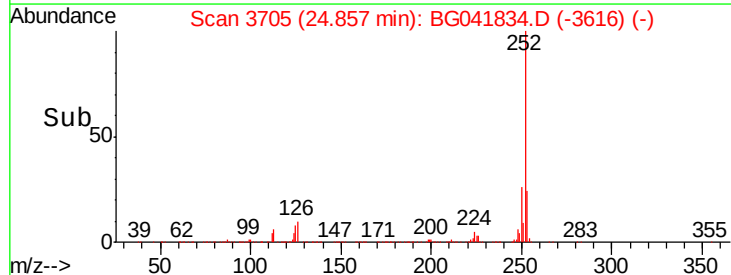
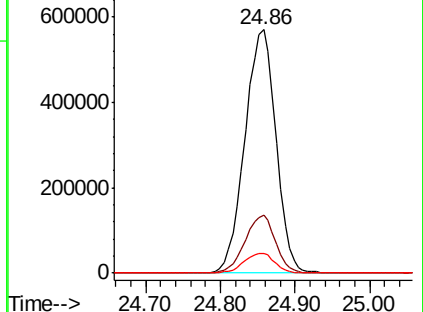
125 8.0 8.8 13.2#

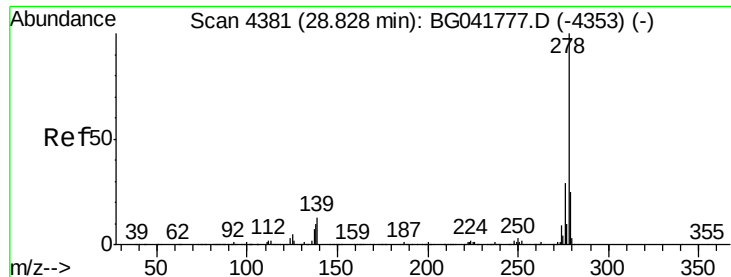


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

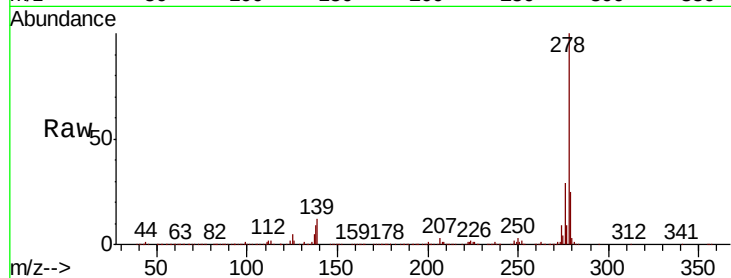




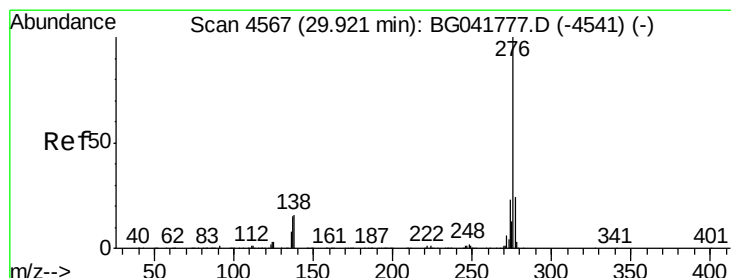
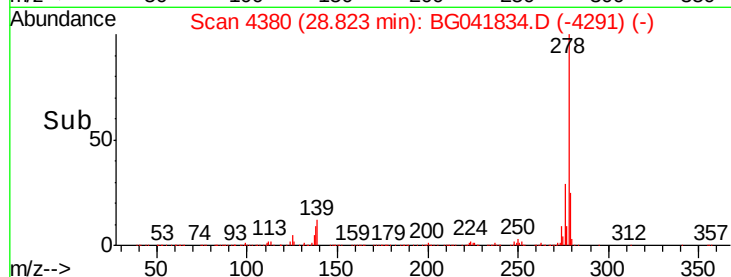
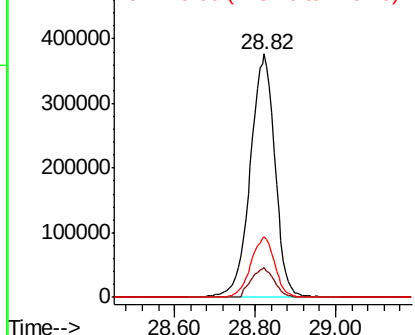
#91
Dibenzo(a,h)anthracene
Concen: 38.820 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1603802
Ion Ratio Lower Upper
278 100
139 12.3 12.6 19.0#
279 24.7 20.5 30.7

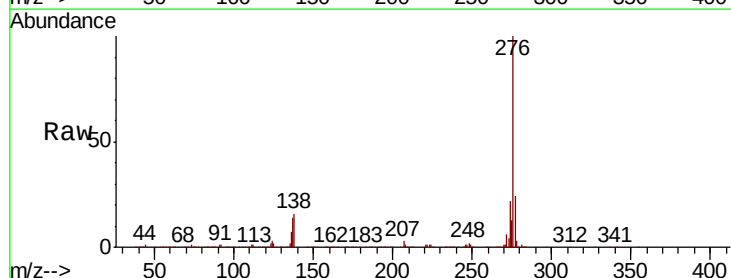


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.281 ng
RT: 29.92 min Scan# 4567
Delta R.T. 0.00 min
Lab File: BG041834.D
Acq: 31 Jul 2019 15:31

Tgt Ion:276 Resp: 1621370
Ion Ratio Lower Upper
276 100
277 23.9 19.8 29.8
138 15.9 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

