

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041801.D
 Acq On : 30 Jul 2019 14:42
 Operator : HP/JU
 Sample : PB121801BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Quant Time: Jul 31 01:17:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	89219	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	371726	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	278184	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	644133	20.00	ng	0.00
76) Chrysene-d12	21.74	240	645859	20.00	ng	0.00
87) Perylene-d12	25.02	264	733493	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	594221	129.58	ng	0.00
7) Phenol-d6	7.20	99	822918	133.11	ng	0.00
23) Nitrobenzene-d5	9.22	82	475121	87.96	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	443754	140.44	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1310437	83.08	ng	0.00
79) Terphenyl-d14	20.07	244	2260174	80.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	102353	47.422	ng	92
3) Pyridine	3.86	79	161442	27.277	ng	92
4) n-Nitrosodimethylamine	3.78	42	82580	35.196	ng	90
6) Aniline	7.37	93	265735	30.526	ng	96
8) 2-Chlorophenol	7.61	128	229255	43.660	ng	94
9) Benzaldehyde	7.18	77	37192	8.550	ng	86
10) Phenol	7.23	94	278033	43.229	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	199526	37.736	ng	93
12) 1,3-Dichlorobenzene	7.94	146	244662	35.700	ng	98
13) 1,4-Dichlorobenzene	8.09	146	247775	36.132	ng	97
14) 1,2-Dichlorobenzene	8.41	146	243482	37.210	ng	94
15) Benzyl Alcohol	8.29	79	199404	40.999	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	344949	36.670	ng	96
17) 2-Methylphenol	8.49	107	195533	41.803	ng	99
18) Hexachloroethane	9.15	117	86693	36.917	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	171683	38.251	ng	90
20) 3+4-Methylphenols	8.82	107	274144	42.829	ng	100
22) Acetophenone	8.88	105	335171	40.311	ng	# 94
24) Nitrobenzene	9.26	77	238303	41.876	ng	98
25) Isophorone	9.79	82	467424	39.779	ng	99
26) 2-Nitrophenol	9.97	139	128323	48.586	ng	95
27) 2,4-Dimethylphenol	10.03	122	227093	48.717	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	280549	38.206	ng	99
29) 2,4-Dichlorophenol	10.51	162	256592	45.202	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	278167	38.643	ng	98
31) Naphthalene	10.93	128	694407	40.817	ng	97
32) Benzoic acid	10.17	122	127874	40.146	ng	97
33) 4-Chloroaniline	11.03	127	204962	25.404	ng	96
34) Hexachlorobutadiene	11.22	225	180535	37.160	ng	99
35) Caprolactam	11.79	113	43575	22.088	ng	# 82
36) 4-Chloro-3-methylphenol	12.15	107	259276	46.070	ng	97
37) 2-Methylnaphthalene	12.53	142	559645	41.559	ng	99
38) 1-Methylnaphthalene	12.75	142	531204	41.625	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	348724	39.602	ng	99

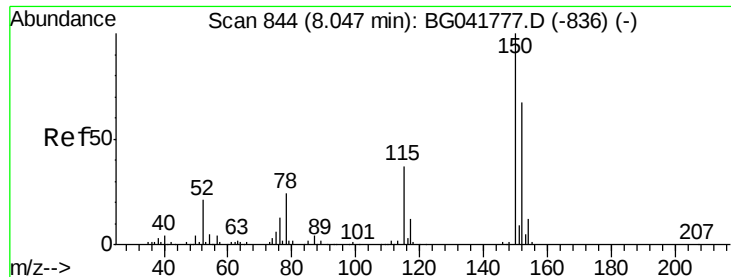
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	418454	84.522	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	238040	42.770	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	261509	45.215	ng	95
46) 1,1'-Biphenyl	13.54	154	725022	40.544	ng	96
47) 2-Chloronaphthalene	13.58	162	587360	38.579	ng	97
48) 2-Nitroaniline	13.78	65	171985	44.540	ng	87
49) Acenaphthylene	14.43	152	944809	41.486	ng	98
50) Dimethylphthalate	14.16	163	799020	42.057	ng	99
51) 2,6-Dinitrotoluene	14.27	165	192123	48.361	ng #	85
52) Acenaphthene	14.77	154	668357	45.122	ng	99
53) 3-Nitroaniline	14.60	138	145680	34.277	ng #	87
54) 2,4-Dinitrophenol	14.80	184	226890	89.951	ng	88
55) Dibenzofuran	15.10	168	940324	41.504	ng	96
56) 4-Nitrophenol	14.90	139	326137	101.094	ng	94
57) 2,4-Dinitrotoluene	15.06	165	272317	49.845	ng	95
58) Fluorene	15.76	166	766735	42.171	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	271258	47.355	ng	94
60) Diethylphthalate	15.53	149	808339	43.337	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	458572	41.314	ng	97
62) 4-Nitroaniline	15.77	138	196902	42.773	ng	98
63) Azobenzene	16.04	77	637793	41.859	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	155518	49.140	ng	85
66) n-Nitrosodiphenylamine	15.96	169	734448	41.859	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	316389	39.875	ng	97
68) Hexachlorobenzene	16.77	284	326890	39.380	ng	94
69) Atrazine	16.91	200	305450	44.308	ng	99
70) Pentachlorophenol	17.11	266	443158	93.978	ng	98
71) Phenanthrene	17.50	178	1315090	42.594	ng	96
72) Anthracene	17.59	178	1340119	43.520	ng	97
73) Carbazole	17.85	167	1206991	43.672	ng	96
74) Di-n-butylphthalate	18.42	149	1390288	44.372	ng	96
75) Fluoranthene	19.51	202	1657209	44.158	ng	93
77) Benzidine	19.68	184	687045	32.591	ng	98
78) Pyrene	19.87	202	1657670	43.319	ng	95
80) Butylbenzylphthalate	20.76	149	661621	45.096	ng	94
81) Benzo(a)anthracene	21.72	228	1590202	41.615	ng	97
82) 3,3'-Dichlorobenzidine	21.63	252	537776	35.053	ng	99
83) Chrysene	21.79	228	1575671	43.017	ng	97
84) Bis(2-ethylhexyl)phthalate	21.64	149	906803	44.807	ng	99
85) Di-n-octyl phthalate	22.88	149	1559646	45.792	ng #	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2082218	42.943	ng #	89
88) Benzo(b)fluoranthene	23.98	252	1791267	44.642	ng #	96
89) Benzo(k)fluoranthene	24.05	252	1739104	44.494	ng #	96
90) Benzo(a)pyrene	24.86	252	1770484	46.007	ng #	96
91) Dibenzo(a,h)anthracene	28.84	278	1709999	45.254	ng #	95
92) Benzo(g,h,i)perylene	29.94	276	1726580	45.735	ng #	94

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

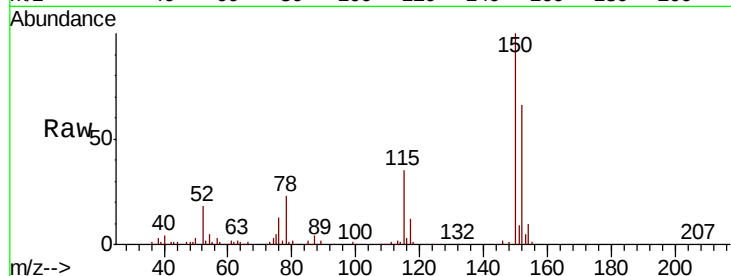


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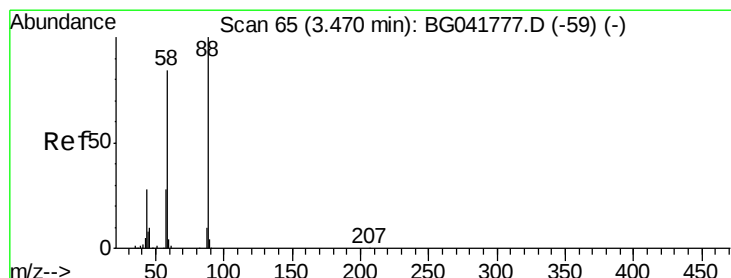
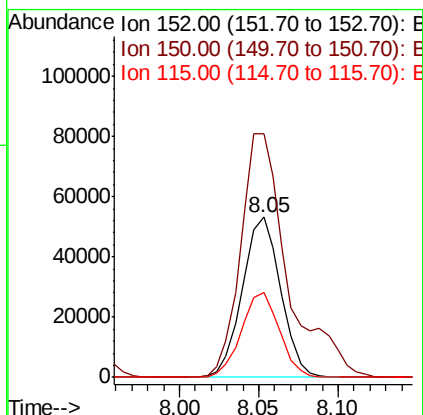
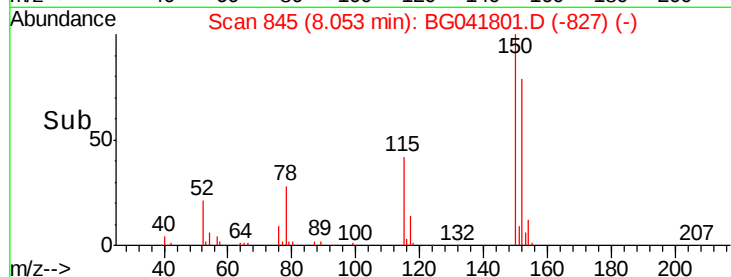
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tgt Ion:152 Resp: 89219
Ion Ratio Lower Upper
152 100
150 152.3 126.9 190.3
115 53.3 45.0 67.6



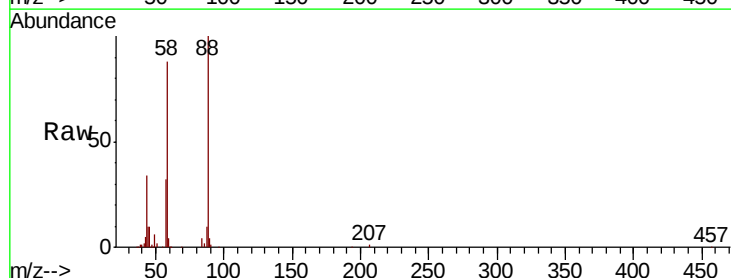
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



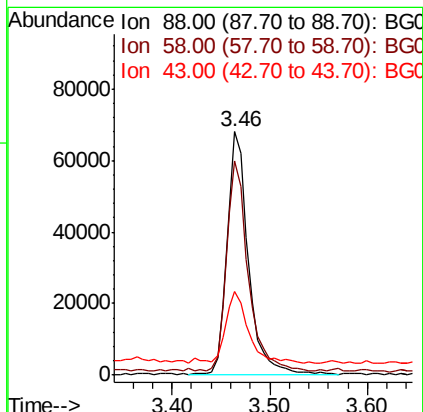
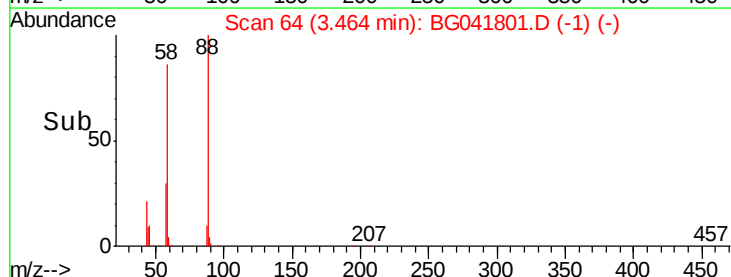
#2

1,4-Dioxane
Concen: 47.422 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion: 88 Resp: 102353
Ion Ratio Lower Upper
88 100
58 86.4 76.2 114.2
43 31.3 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

Pyridine

Concen: 27.277 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

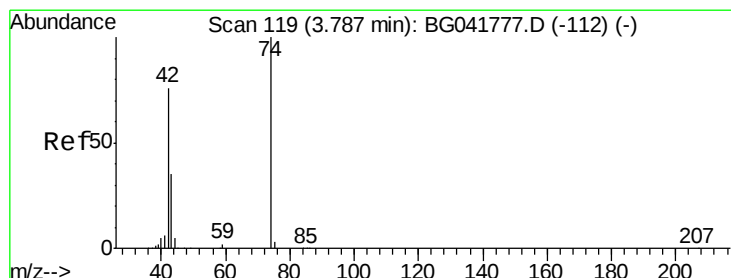
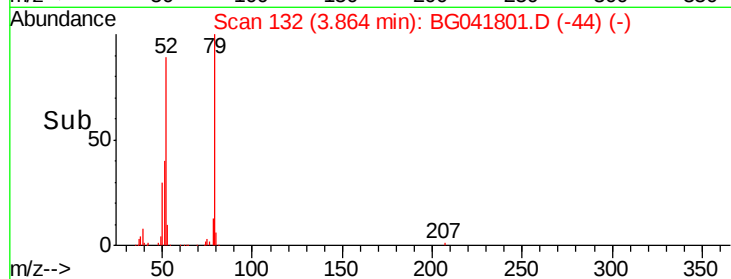
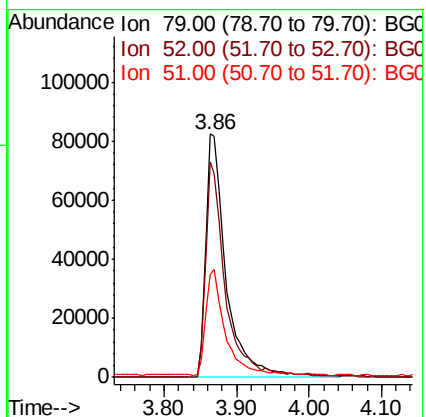
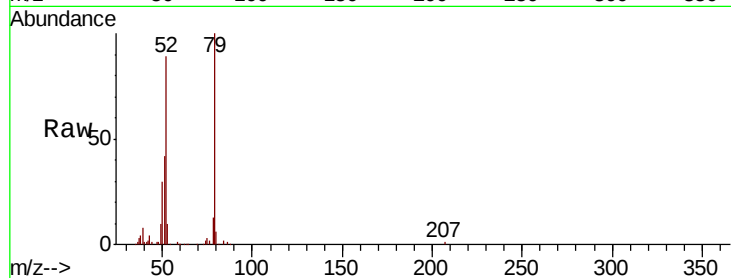
Tgt Ion: 79 Resp: 161442

Ion Ratio Lower Upper

79 100

52 88.7 77.1 115.7

51 42.5 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 35.196 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

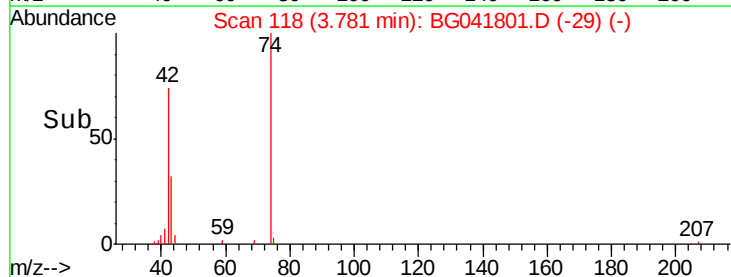
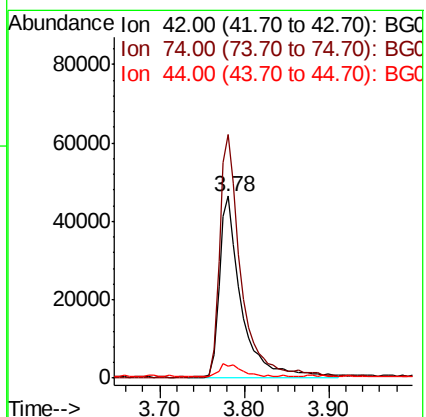
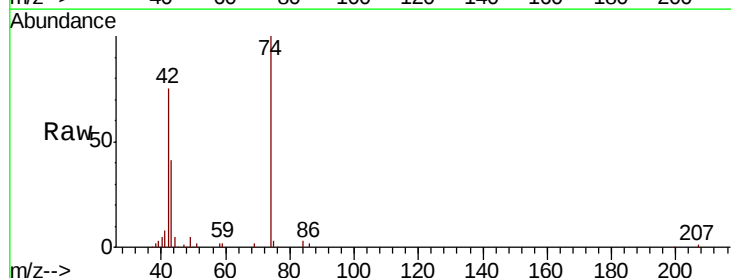
Tgt Ion: 42 Resp: 82580

Ion Ratio Lower Upper

42 100

74 133.7 97.4 146.2

44 6.7 6.6 9.8





#5

2-Fluorophenol

Concen: 129.583 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

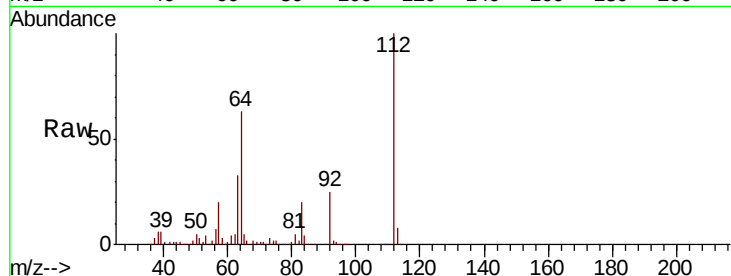
Tgt Ion: 112 Resp: 594221

Ion Ratio Lower Upper

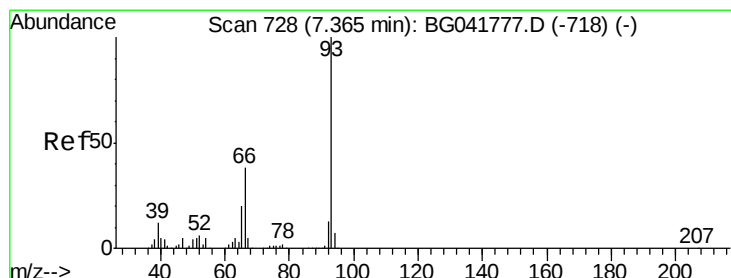
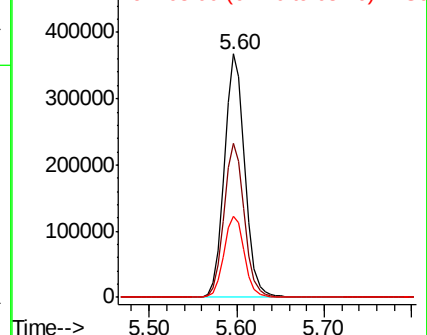
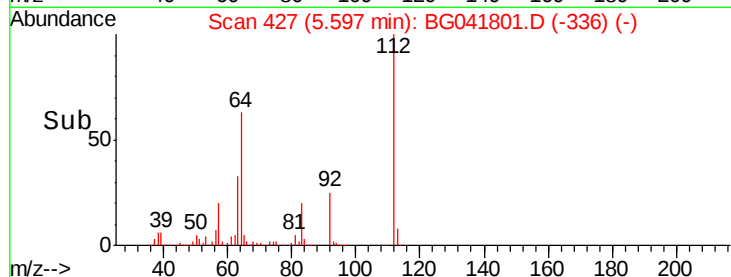
112 100

64 63.2 55.4 83.2

63 33.2 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.526 ng

RT: 7.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

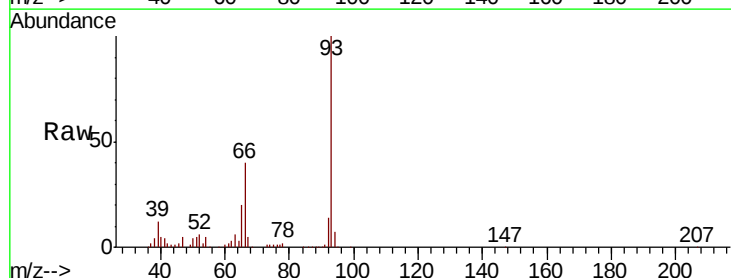
Tgt Ion: 93 Resp: 265735

Ion Ratio Lower Upper

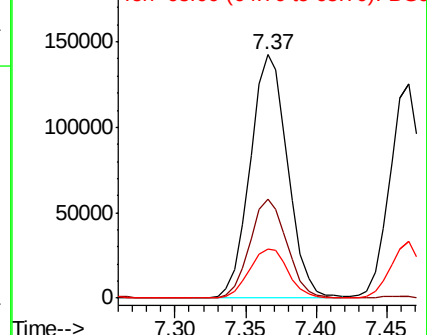
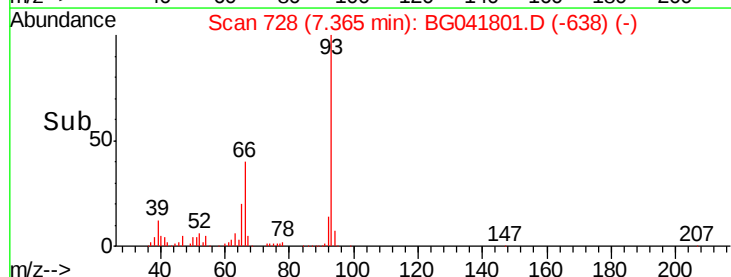
93 100

66 40.4 34.2 51.2

65 20.1 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: 133.112 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

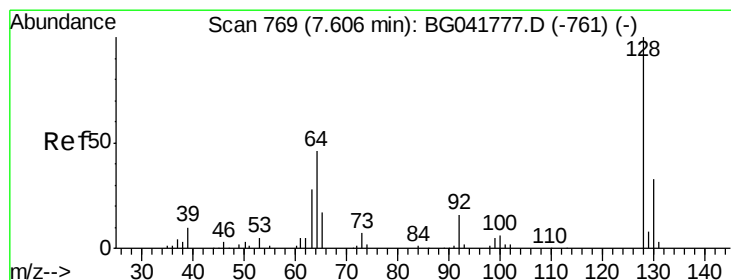
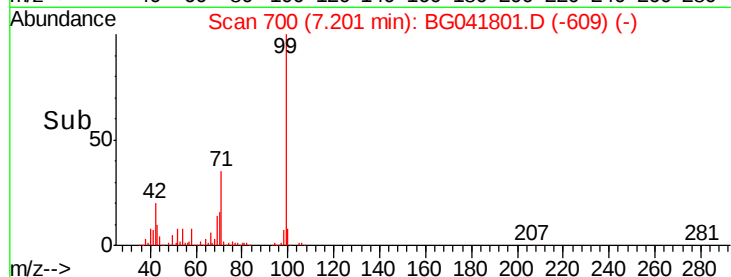
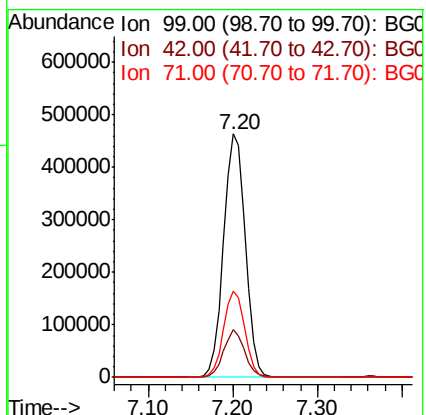
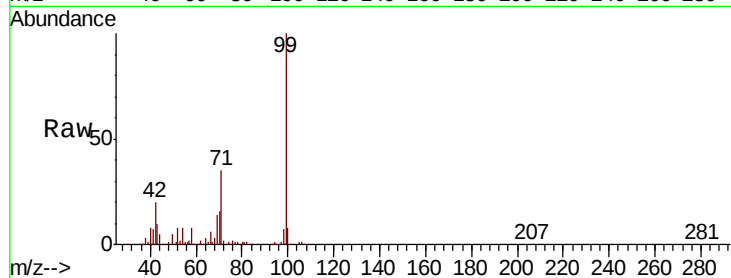
Tgt Ion: 99 Resp: 822918

Ion Ratio Lower Upper

99 100

42 19.8 17.6 26.4

71 35.4 27.8 41.6



#8

2-Chlorophenol

Concen: 43.660 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

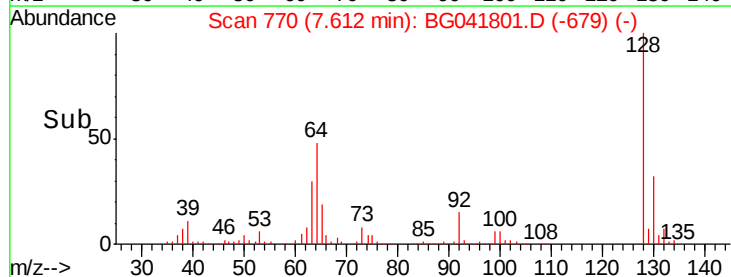
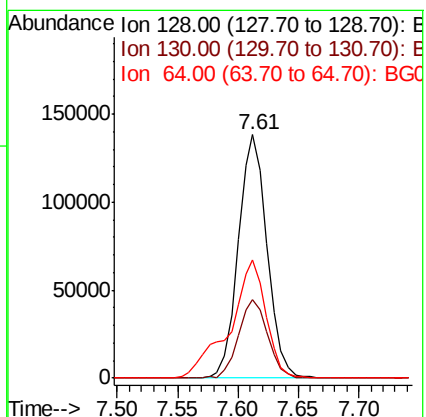
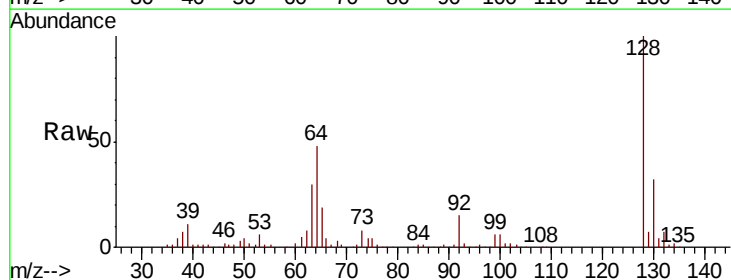
Tgt Ion: 128 Resp: 229255

Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

64 48.4 34.9 74.9





#9

Benzaldehyde

Concen: 8.550 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

PB121801BS

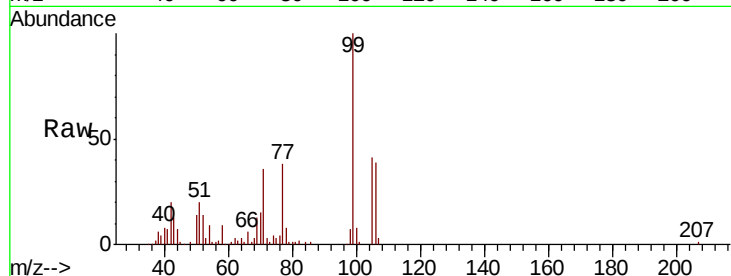
Tgt Ion: 77 Resp: 37192

Ion Ratio Lower Upper

77 100

105 108.3 74.6 114.6

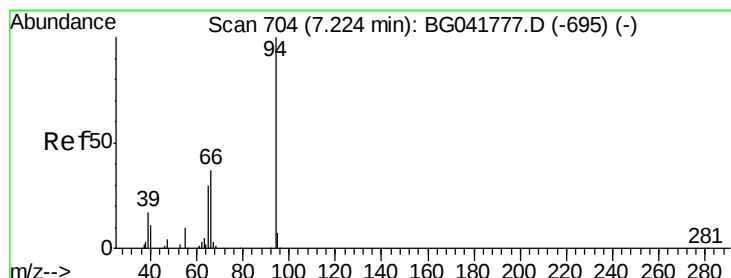
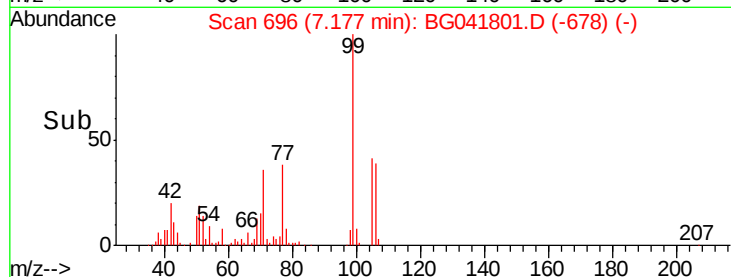
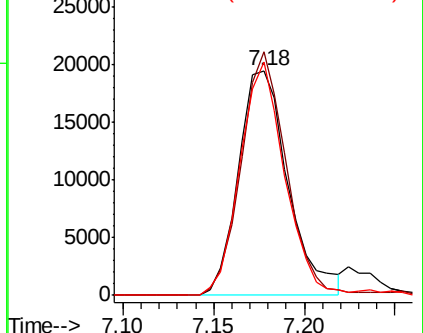
106 103.9 71.1 111.1



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: 43.229 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

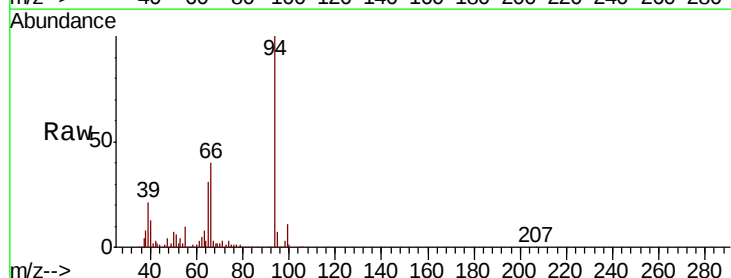
Tgt Ion: 94 Resp: 278033

Ion Ratio Lower Upper

94 100

65 31.2 10.6 50.6

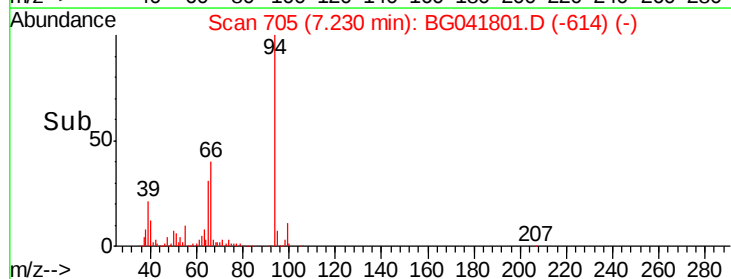
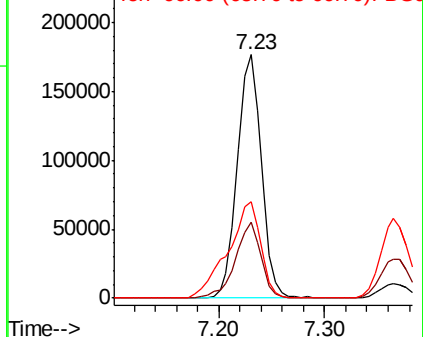
66 39.8 18.2 58.2

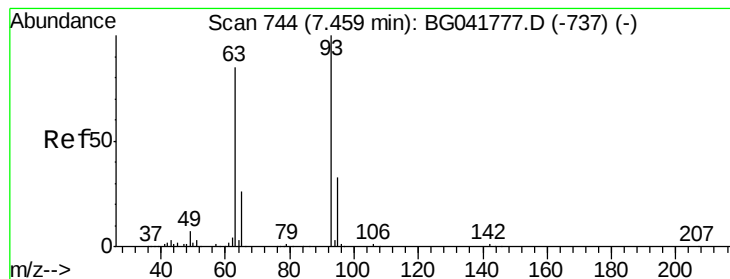


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



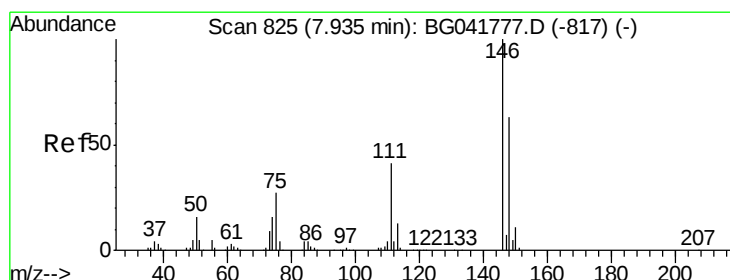
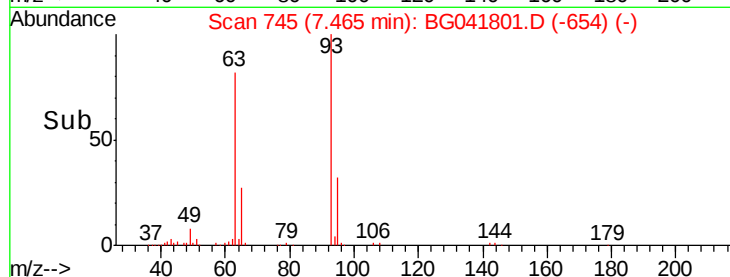
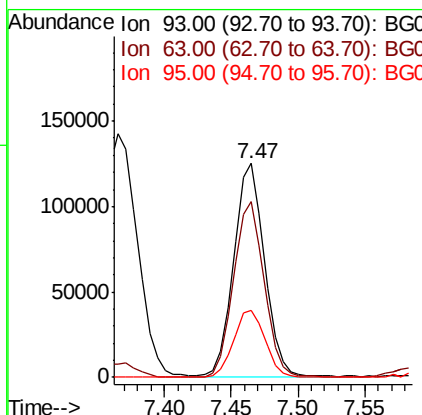
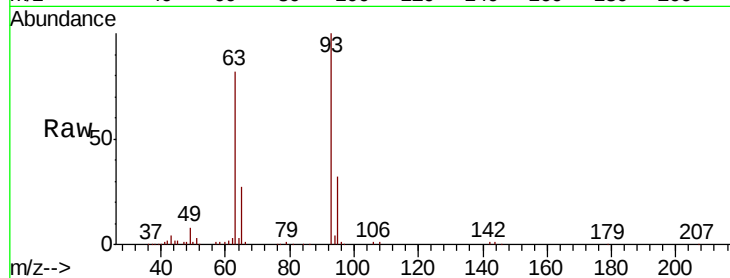


#11

bis(2-Chloroethyl)ether
Concen: 37.736 ng
RT: 7.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

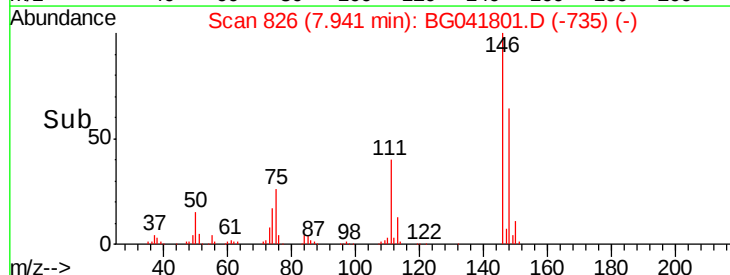
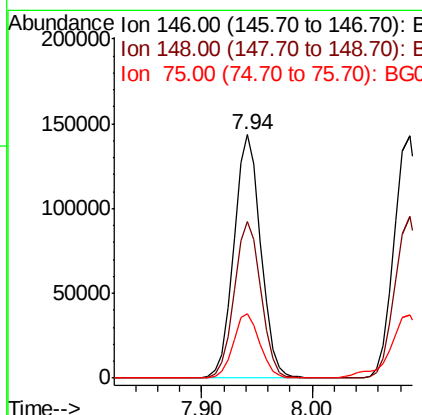
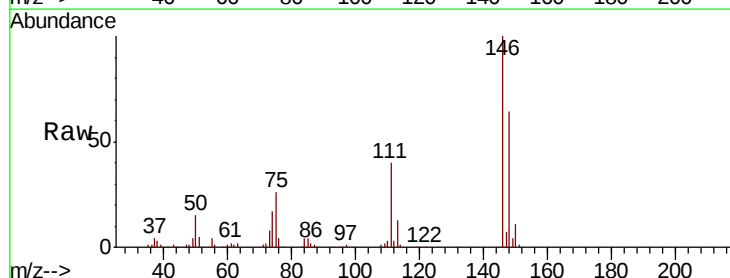
Tgt Ion: 93 Resp: 199526
Ion Ratio Lower Upper
93 100
63 82.0 70.4 110.4
95 31.6 12.8 52.8

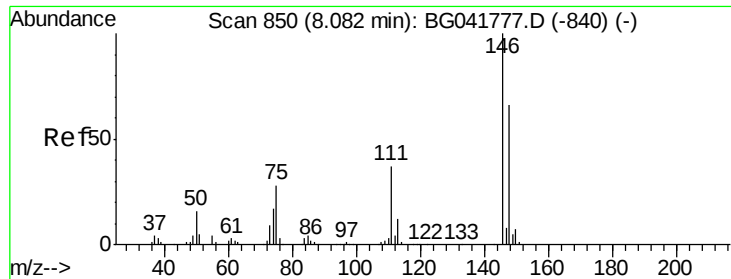


#12

1,3-Dichlorobenzene
Concen: 35.700 ng
RT: 7.94 min Scan# 826
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion: 146 Resp: 244662
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
75 26.2 23.2 34.8

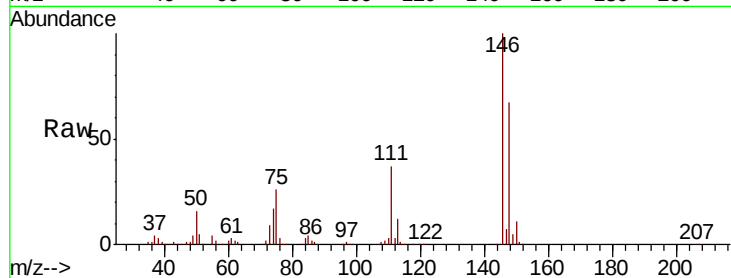




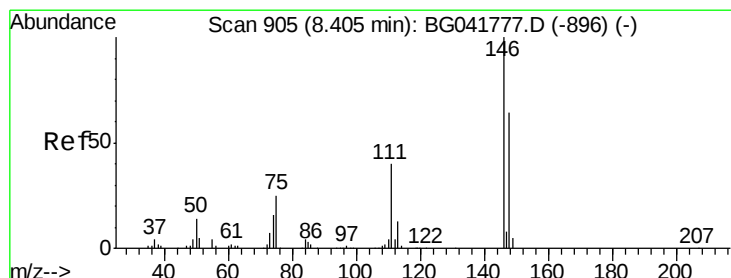
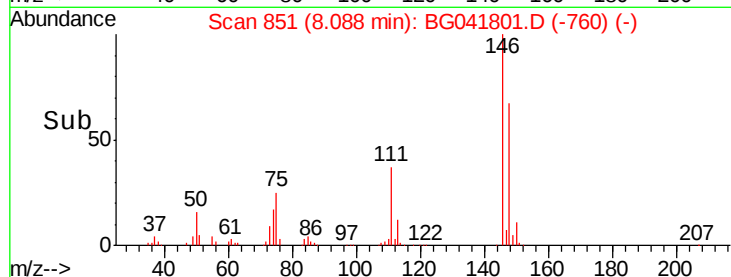
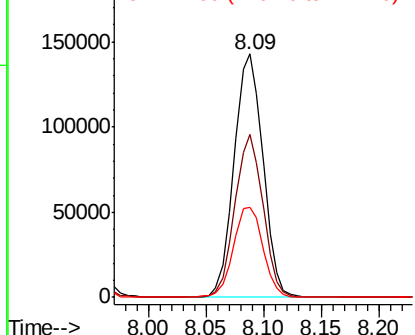
#13
 1,4-Dichlorobenzene
 Concen: 36.132 ng
 RT: 8.09 min Scan# 851
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Tgt Ion:146 Resp: 247775
 Ion Ratio Lower Upper
 146 100
 148 66.9 52.6 79.0
 111 37.1 32.5 48.7

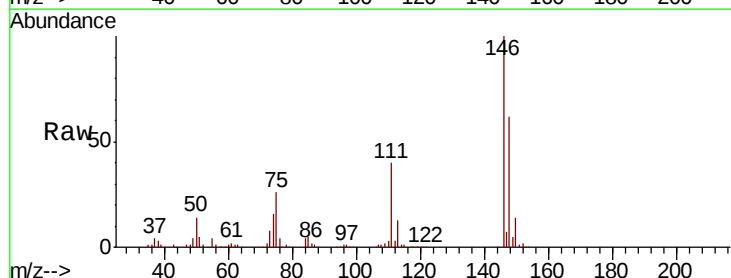


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

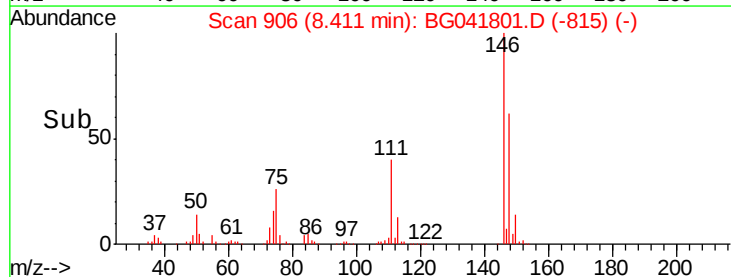
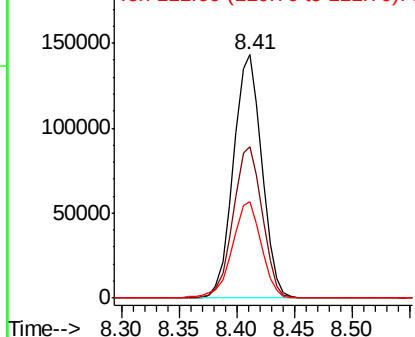


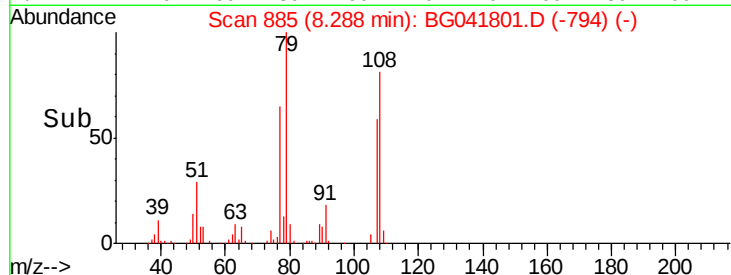
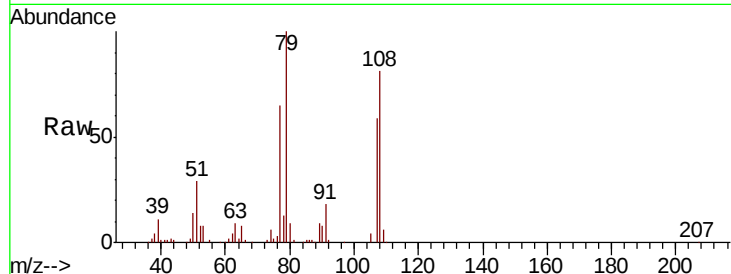
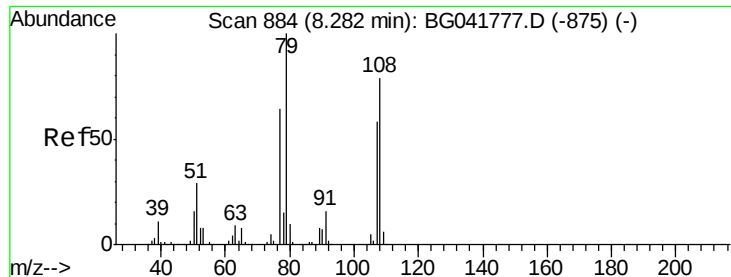
#14
 1,2-Dichlorobenzene
 Concen: 37.210 ng
 RT: 8.41 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion:146 Resp: 243482
 Ion Ratio Lower Upper
 146 100
 148 62.1 53.5 80.3
 111 39.8 35.4 53.0



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

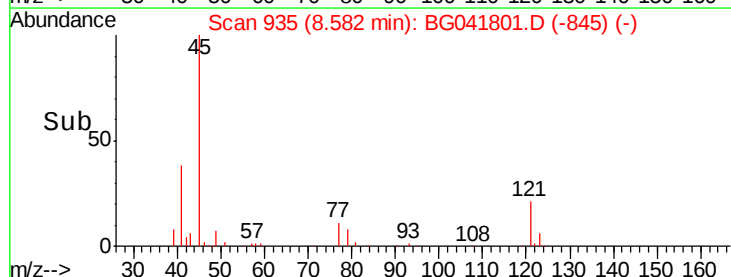
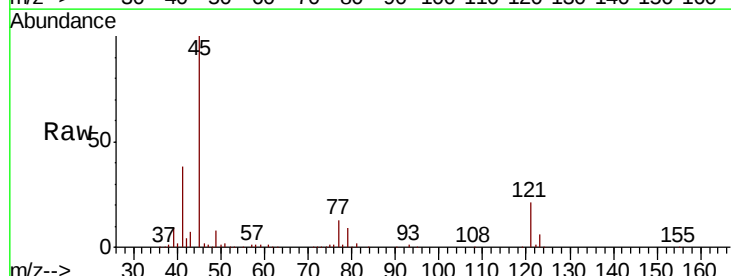
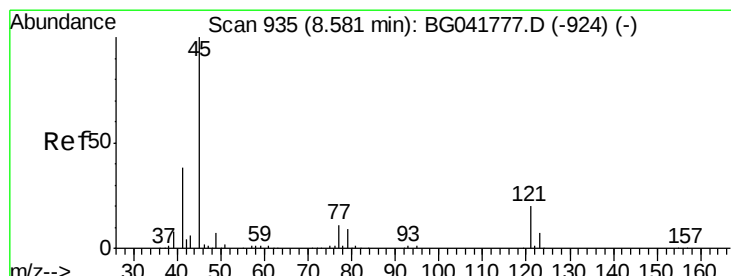
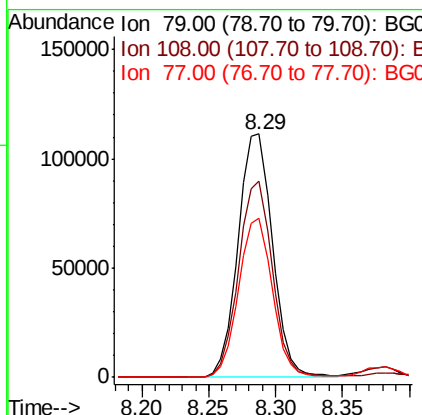




#15
Benzyl Alcohol
Concen: 40.999 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

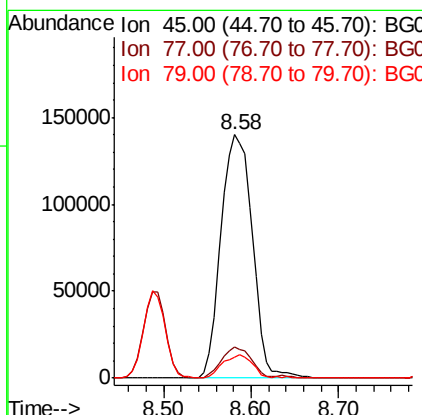
Instrument :
BNA_G
ClientSampleId :
PB121801BS

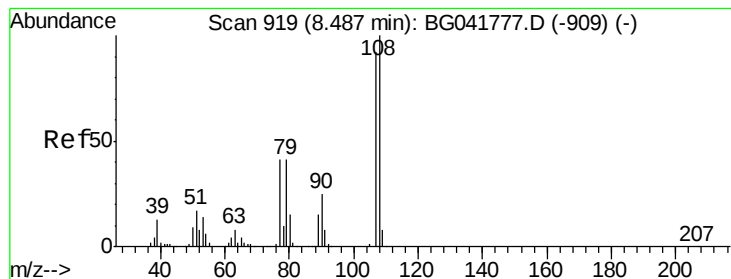
Tgt Ion	Ratio	Lower	Upper
79	100		
108	80.7	60.5	90.7
77	65.3	50.6	75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.670 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	30.4
79	8.7	0.0	27.9





#17

2-Methylphenol

Concen: 41.803 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

Tgt Ion:107 Resp: 195533

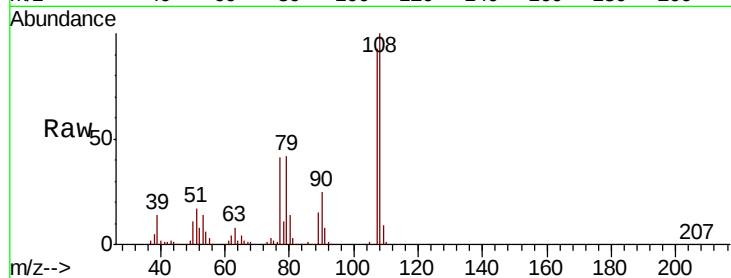
Ion Ratio Lower Upper

107 100

108 107.6 87.6 131.4

77 44.5 36.1 54.1

79 45.1 36.4 54.6



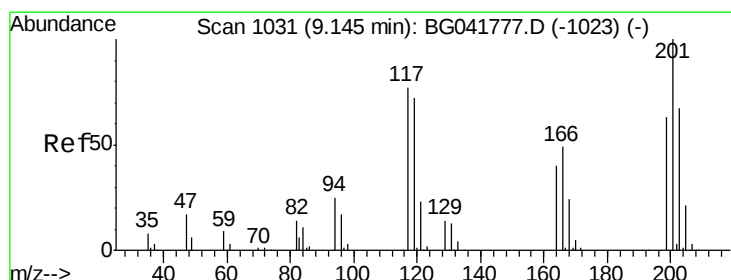
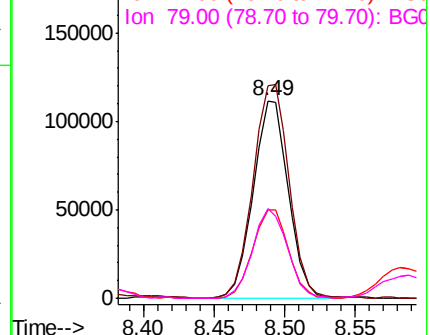
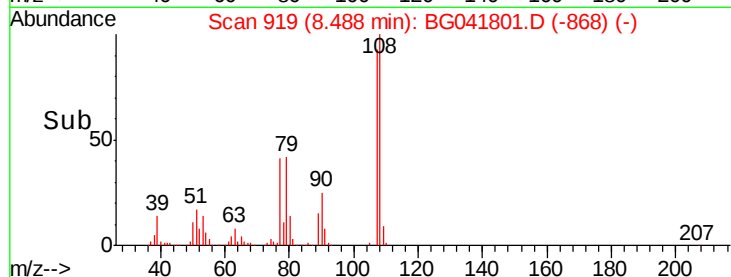
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.917 ng

RT: 9.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

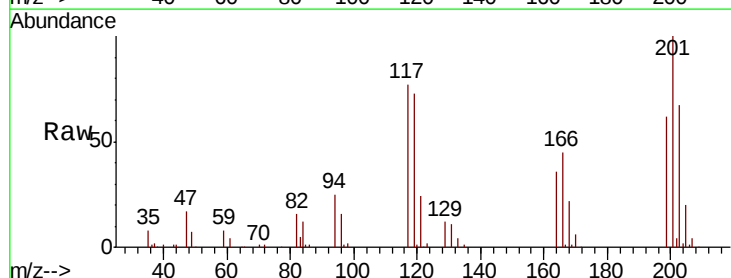
Tgt Ion:117 Resp: 86693

Ion Ratio Lower Upper

117 100

119 94.4 76.2 114.2

201 130.0 94.1 141.1

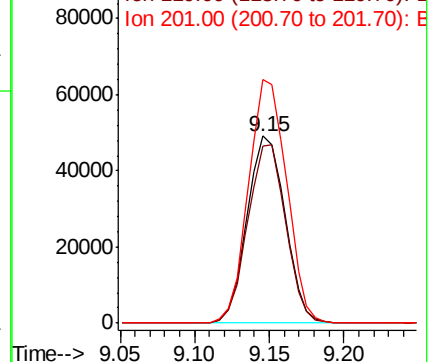
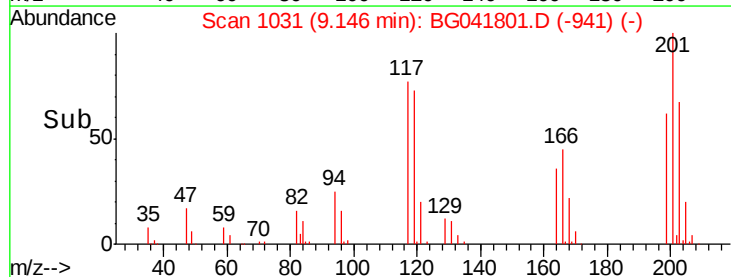


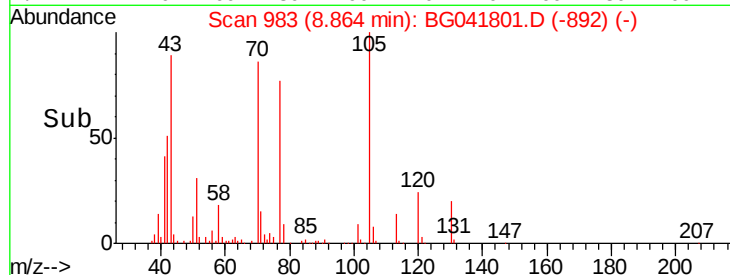
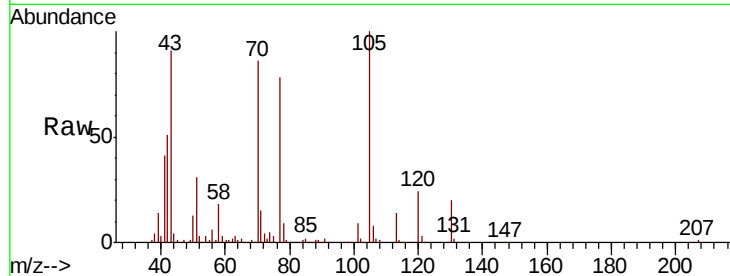
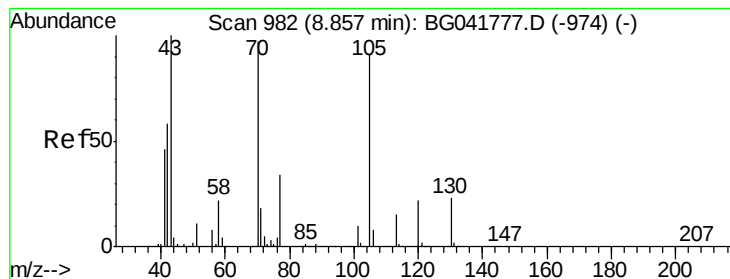
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.251 ng

RT: 8.86 min Scan# 983

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

Tgt Ion: 70 Resp: 171683

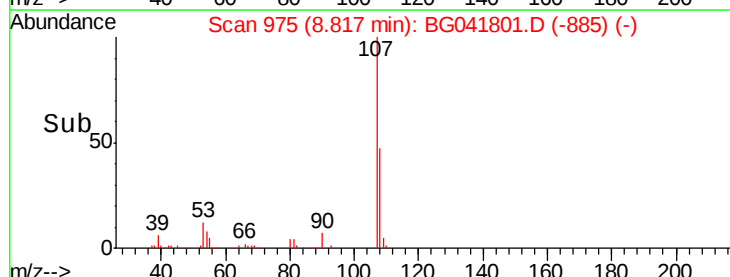
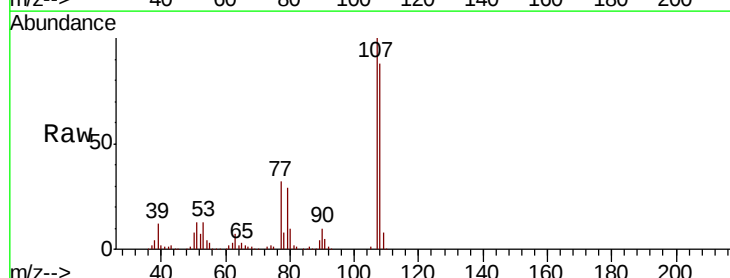
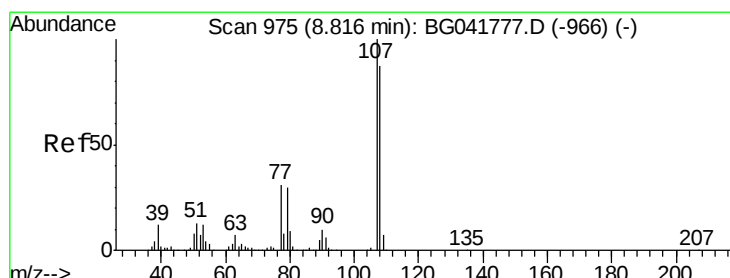
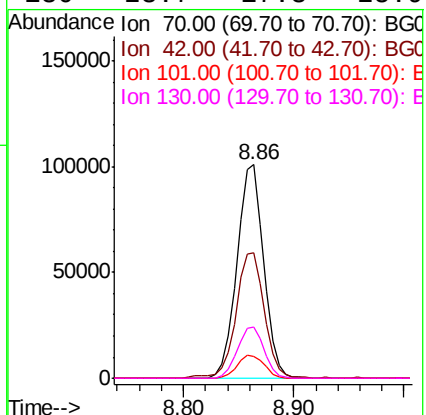
Ion Ratio Lower Upper

70 100

42 59.0 55.8 83.6

101 9.9 8.1 12.1

130 23.7 17.3 25.9



#20

3+4-Methylphenols

Concen: 42.829 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Tgt Ion: 107 Resp: 274144

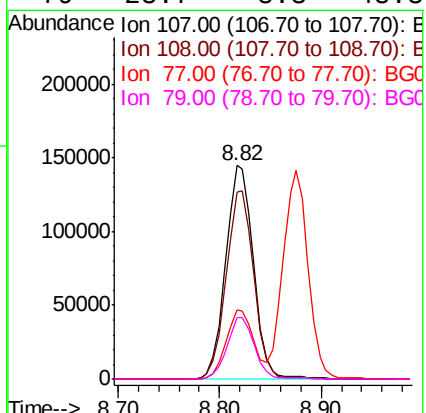
Ion Ratio Lower Upper

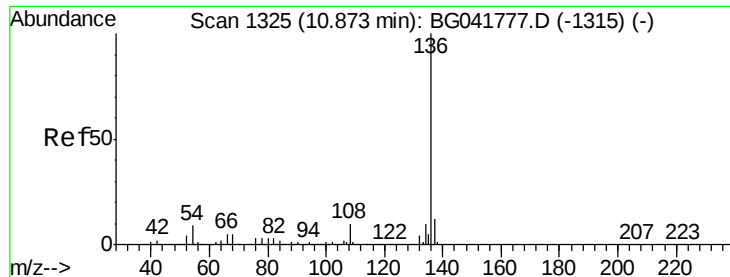
107 100

108 87.7 67.5 107.5

77 32.1 12.3 52.3

79 28.7 8.3 48.3

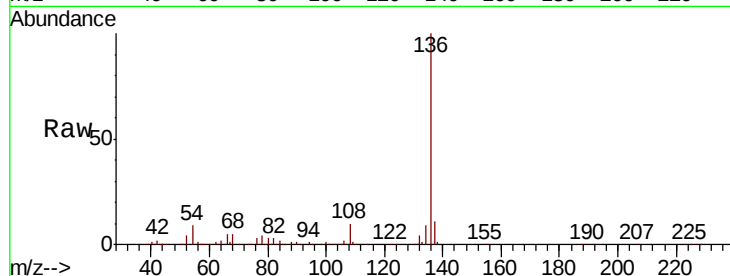




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tgt Ion:	136	Resp:	371726
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	9.3	8.7	13.1
68	5.0	5.5	8.3#



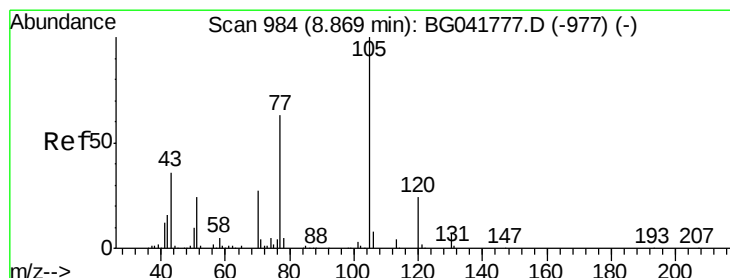
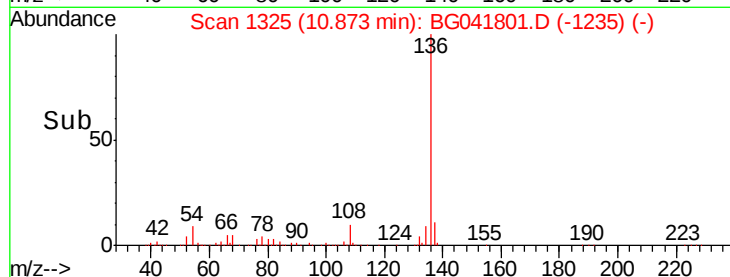
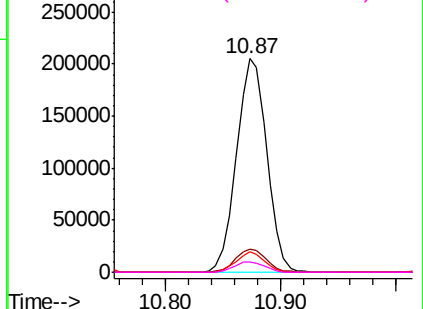
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

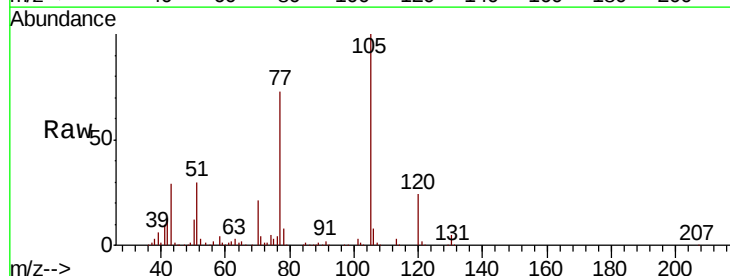
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.311 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:	105	Resp:	335171
Ion	Ratio	Lower	Upper
105	100		
71	3.5	5.9	8.9#
51	29.6	27.7	41.5
120	24.3	19.3	28.9



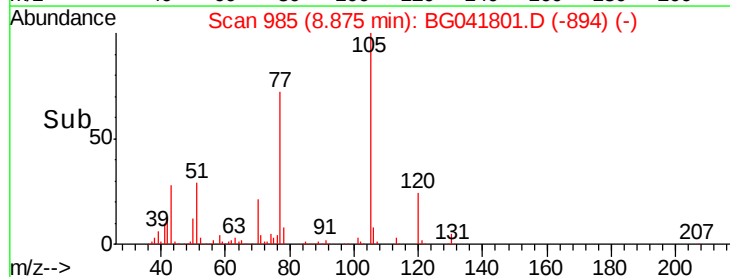
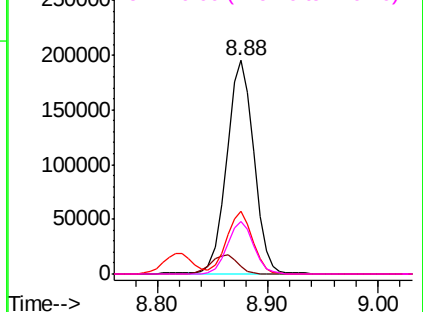
Abundance

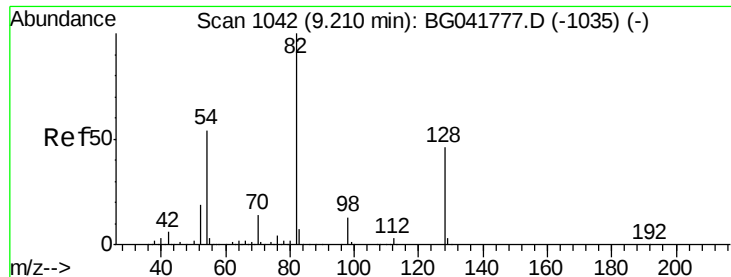
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

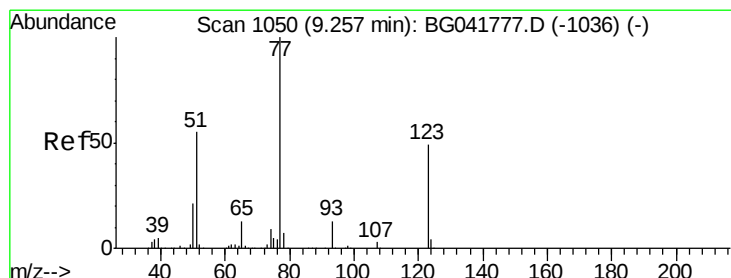
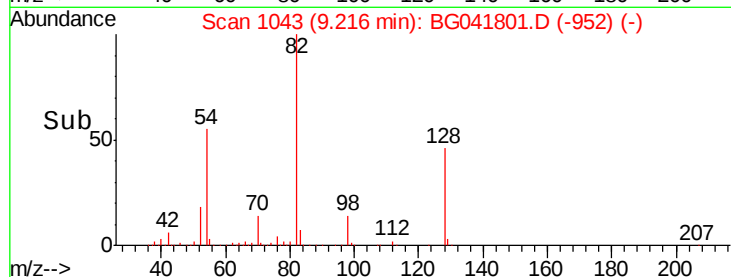
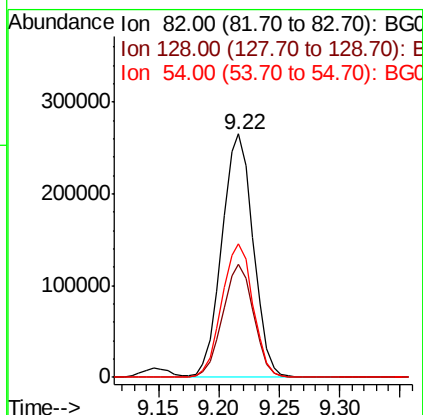
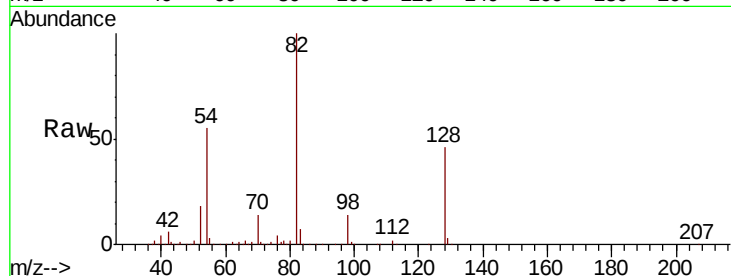




#23
 Nitrobenzene-d5
 Concen: 87.957 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

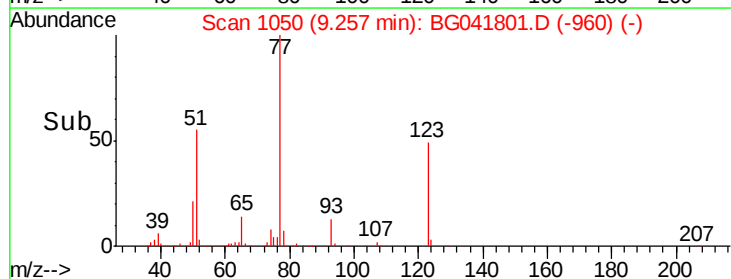
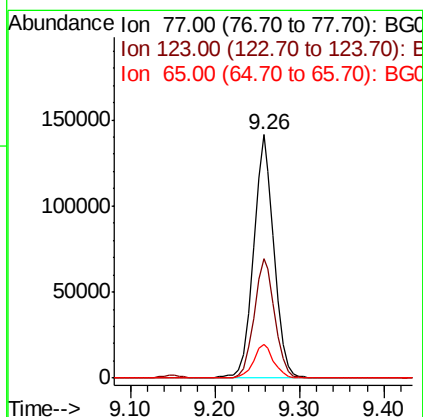
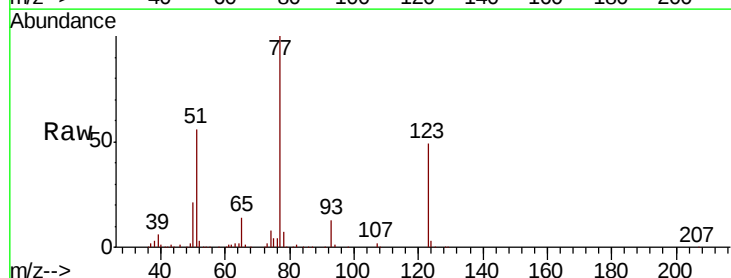
Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

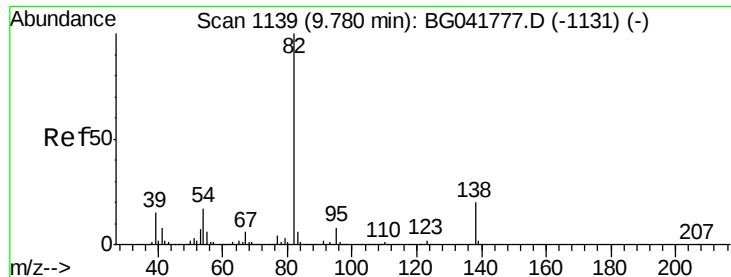
Tgt Ion: 82 Resp: 475121
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.1 52.7
 54 55.1 48.7 73.1



#24
 Nitrobenzene
 Concen: 41.876 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion: 77 Resp: 238303
 Ion Ratio Lower Upper
 77 100
 123 49.0 38.1 57.1
 65 13.9 11.0 16.6





#25

Isophorone

Concen: 39.779 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

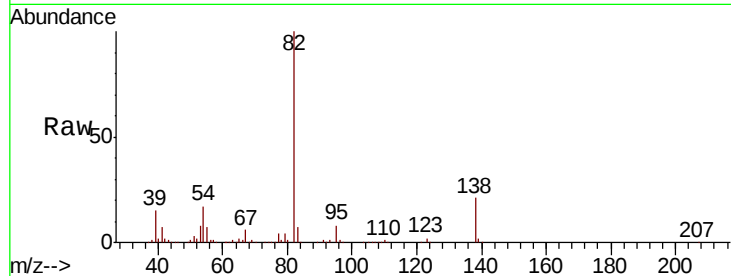
Tgt Ion: 82 Resp: 467424

Ion Ratio Lower Upper

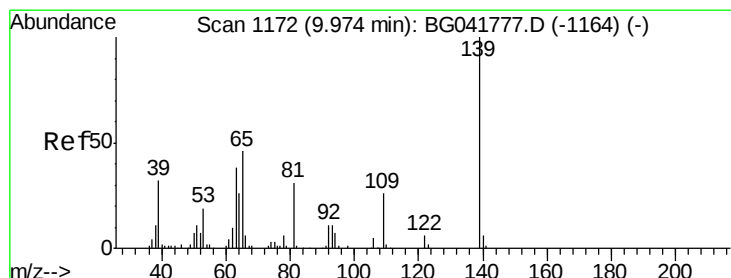
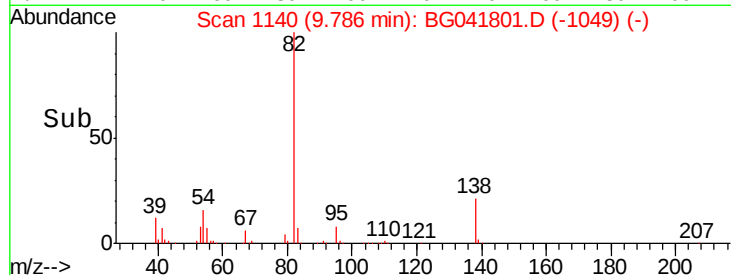
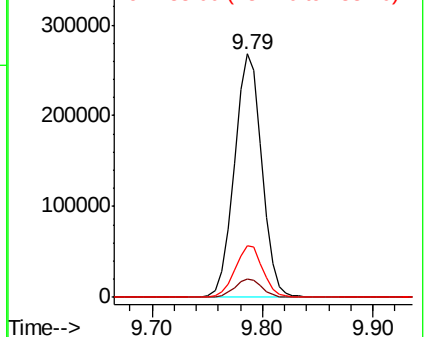
82 100

95 7.7 5.9 8.9

138 21.1 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 48.586 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

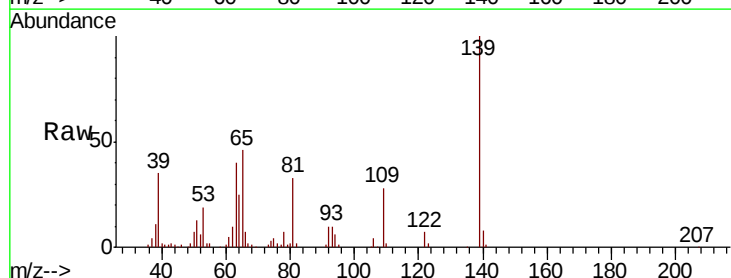
Tgt Ion: 139 Resp: 128323

Ion Ratio Lower Upper

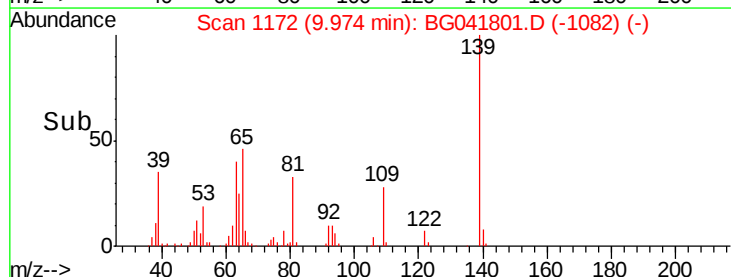
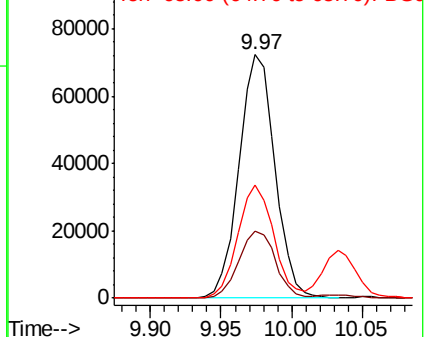
139 100

109 27.7 22.7 34.1

65 46.5 41.1 61.7



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

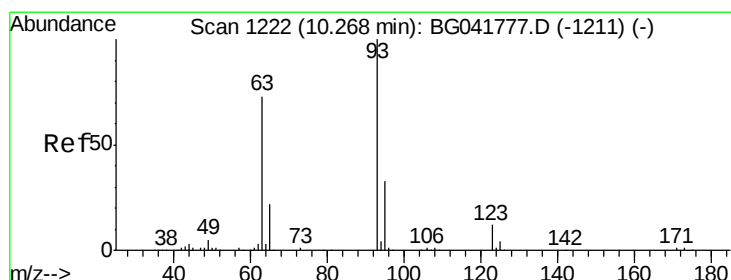
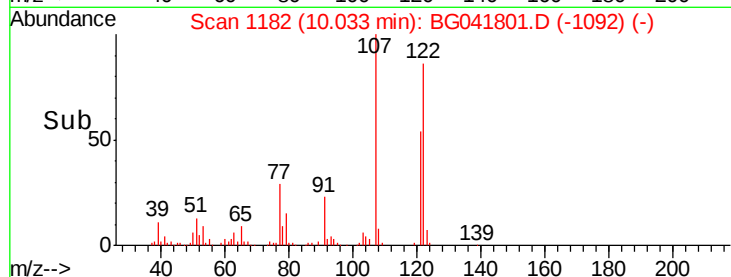
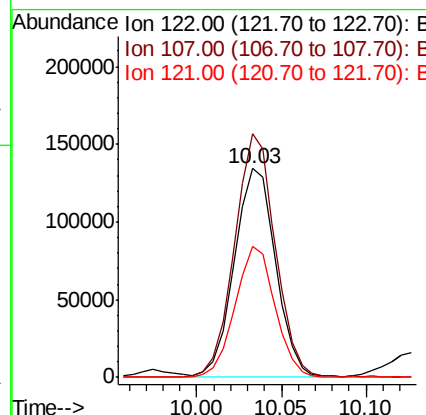
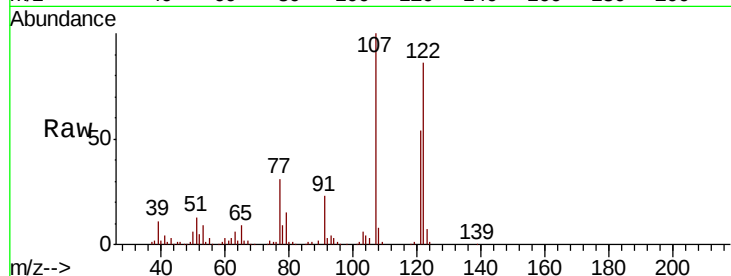




#27
2,4-Dimethylphenol
Concen: 48.717 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

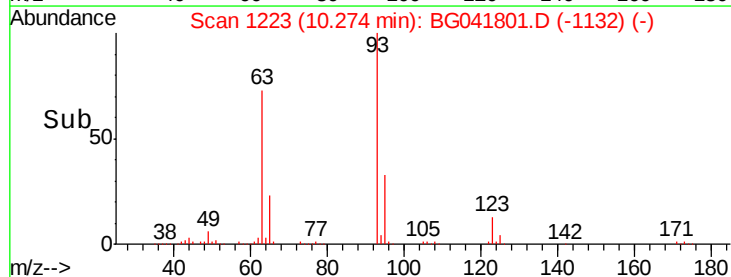
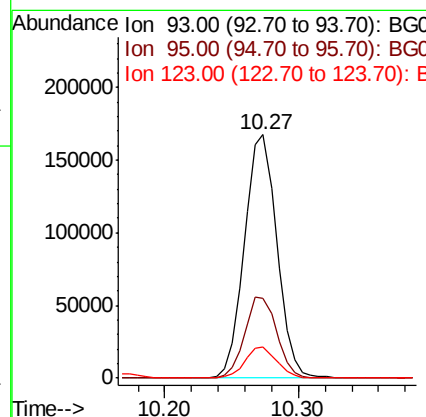
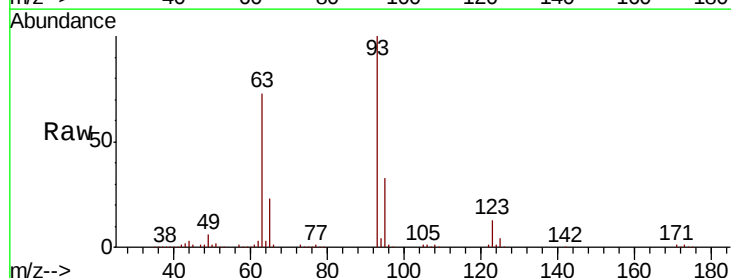
Instrument :
BNA_G
ClientSampleId :
PB121801BS

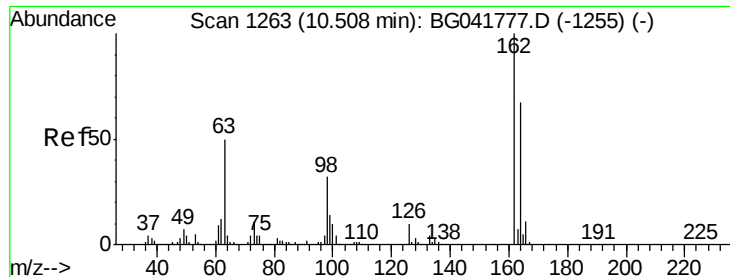
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.3	136.9
121	62.6	49.2	73.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.206 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.9	9.9	14.9

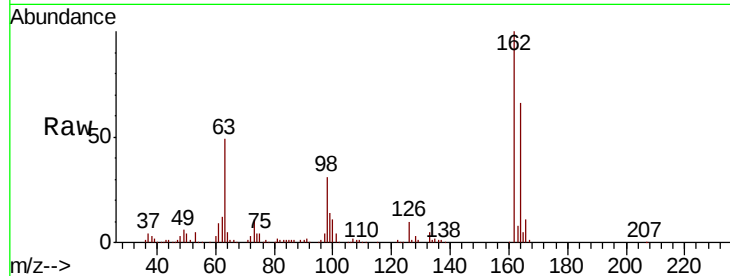




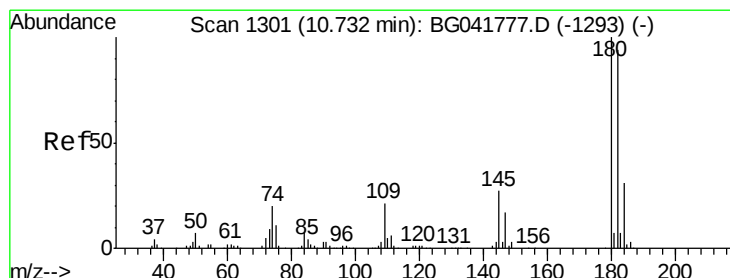
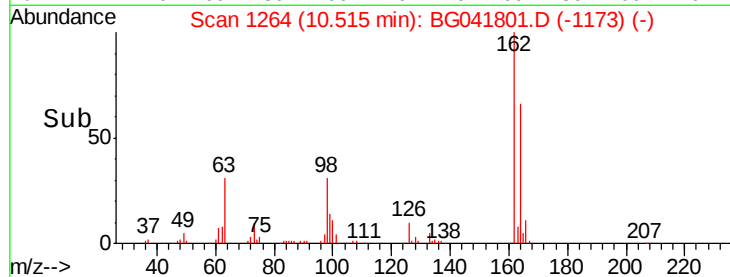
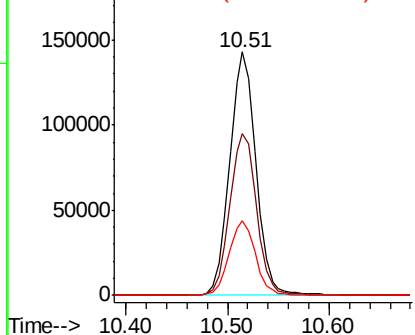
#29
2,4-Dichlorophenol
Concen: 45.202 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tgt Ion:162 Resp: 256592
Ion Ratio Lower Upper
162 100
164 66.5 46.1 86.1
98 30.6 14.7 54.7

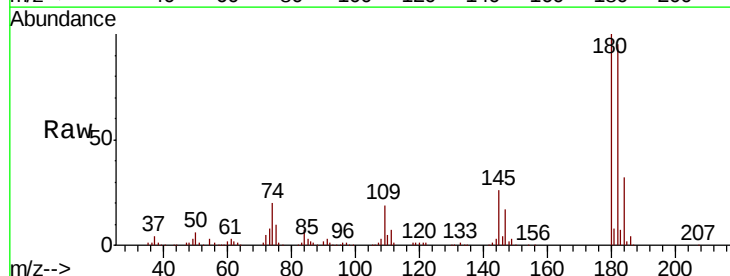


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

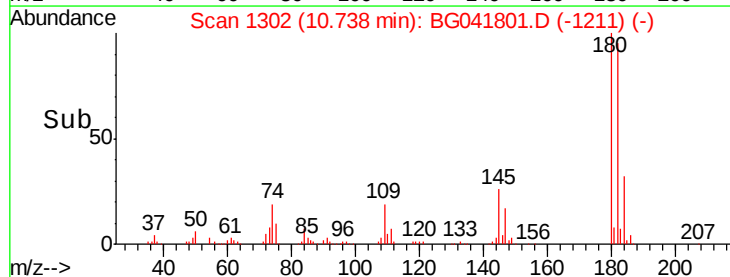
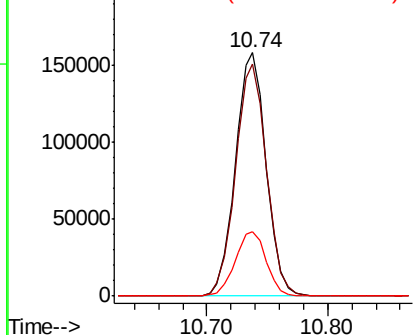


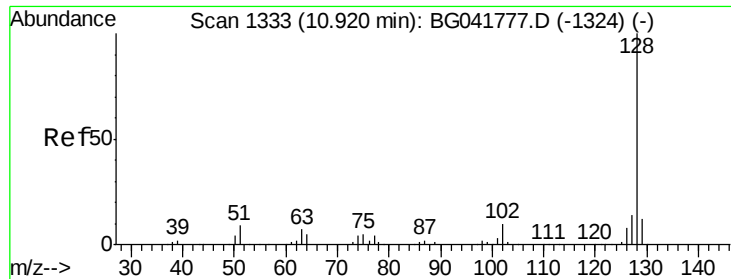
#30
1,2,4-Trichlorobenzene
Concen: 38.643 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:180 Resp: 278167
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.2
145 26.5 23.8 35.8



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

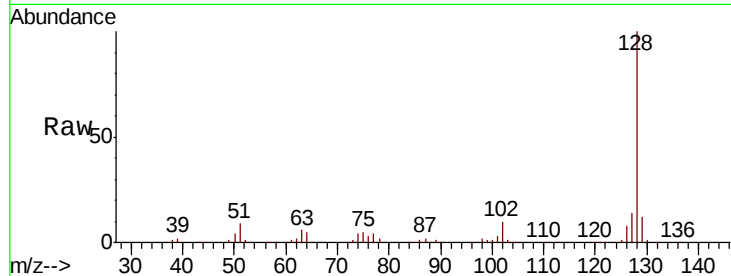




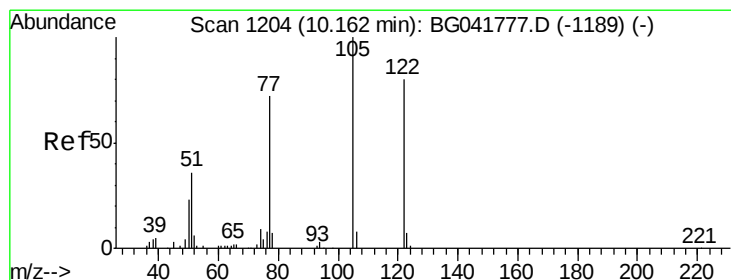
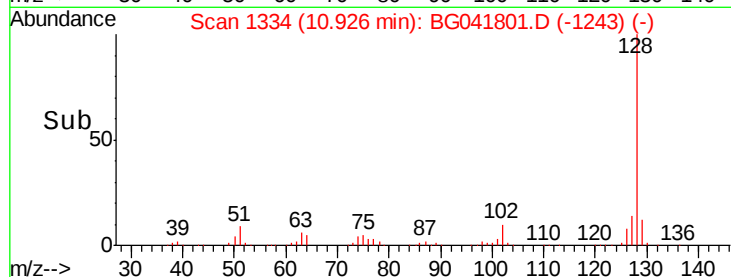
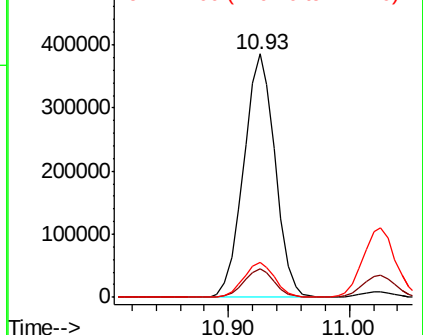
#31
Naphthalene
Concen: 40.817 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tgt Ion:128 Resp: 694407
Ion Ratio Lower Upper
128 100
129 11.6 10.0 15.0
127 14.2 12.3 18.5

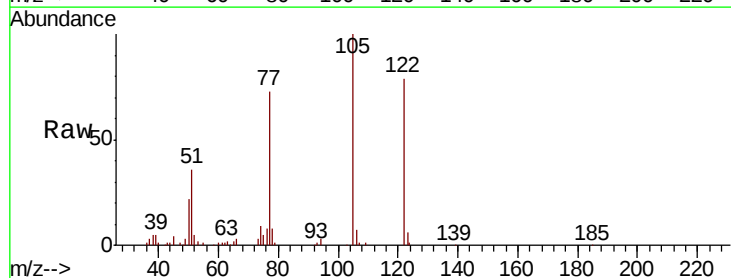


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

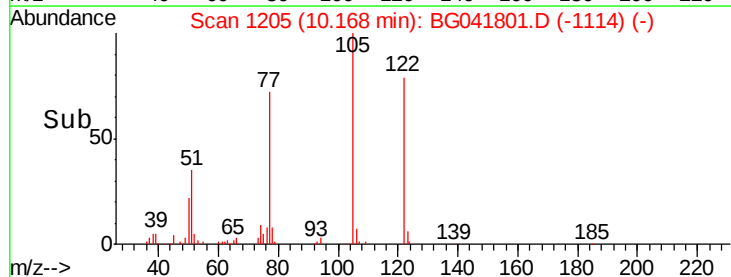
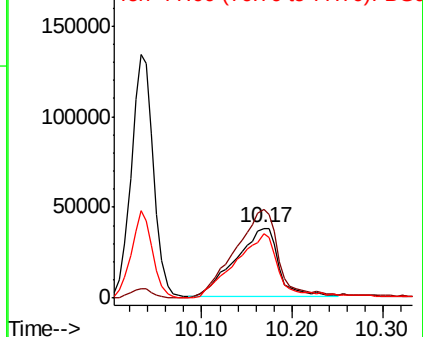


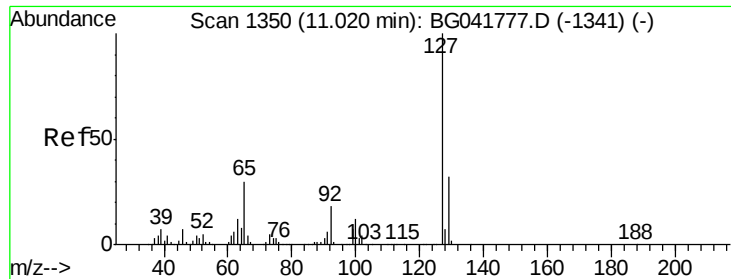
#32
Benzoic acid
Concen: 40.146 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:122 Resp: 127874
Ion Ratio Lower Upper
122 100
105 127.1 101.5 141.5
77 92.2 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

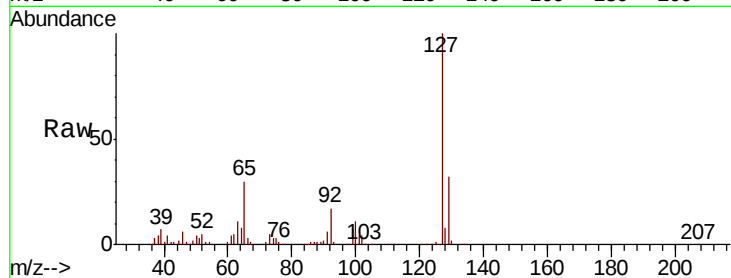




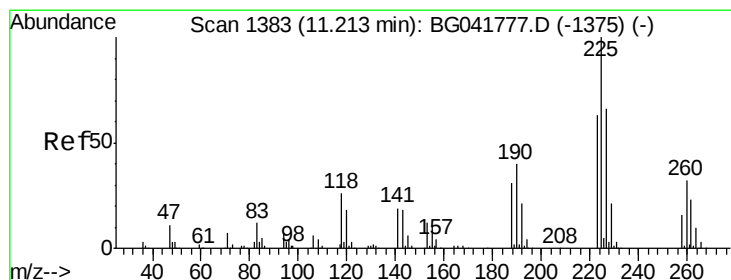
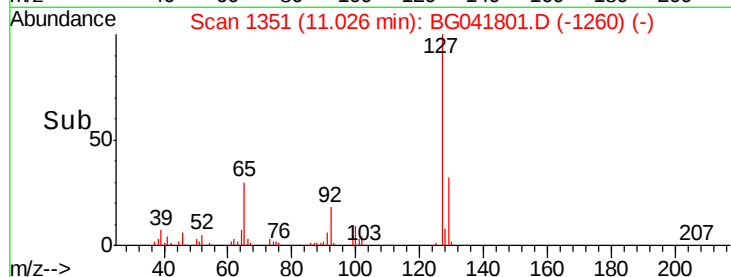
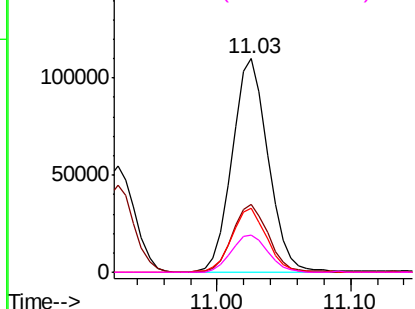
#33
4-Chloroaniline
Concen: 25.404 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tgt Ion:	127	Resp:	204962
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.8
65	30.0	26.7	40.1
92	17.5	15.4	23.0

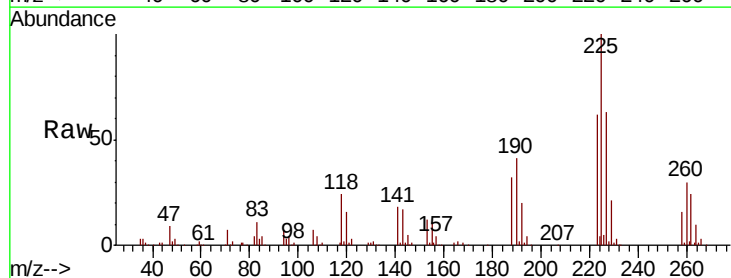


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

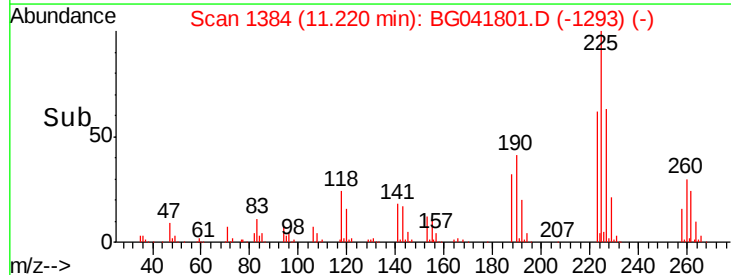
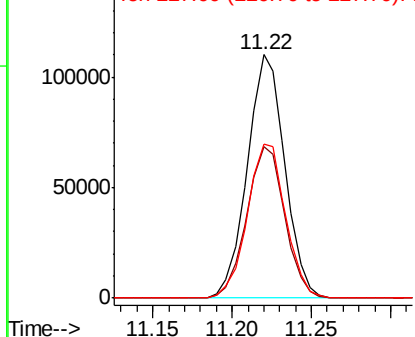


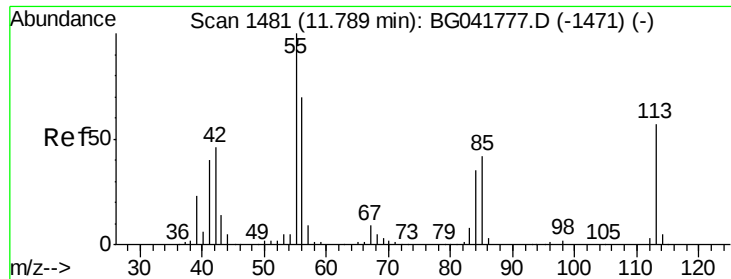
#34
Hexachlorobutadiene
Concen: 37.160 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:	225	Resp:	180535
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.1	76.7
227	63.3	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

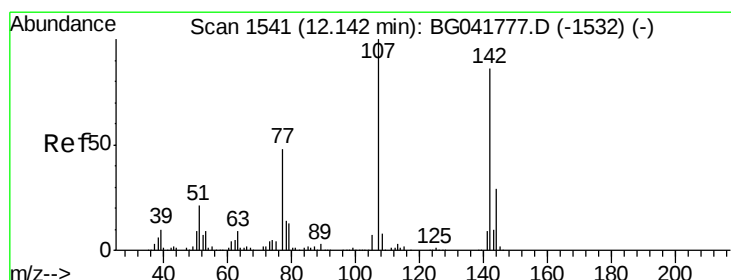
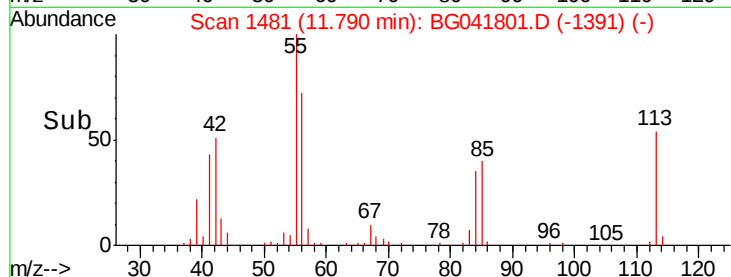
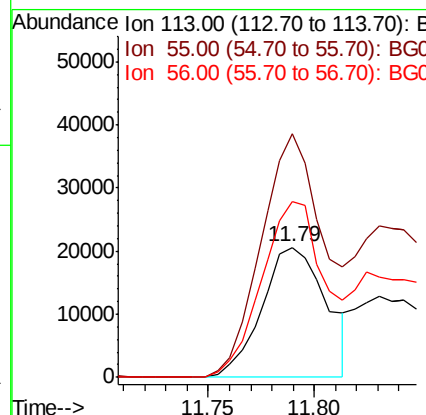
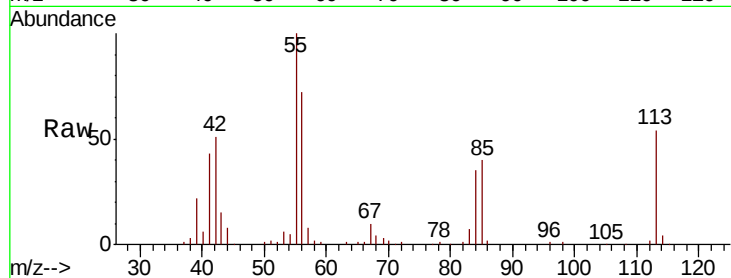




#35
 Caprolactam
 Concen: 22.088 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

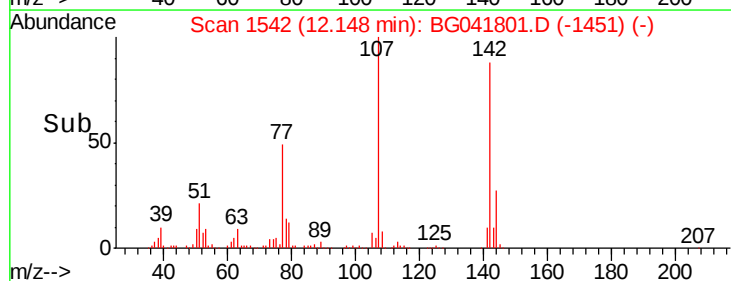
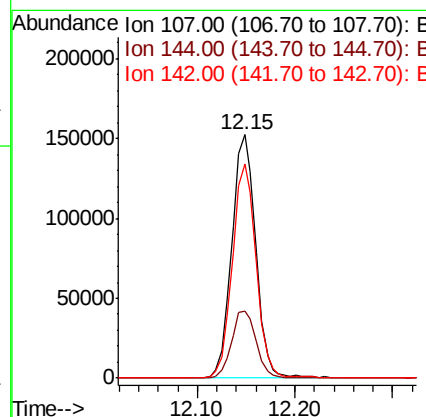
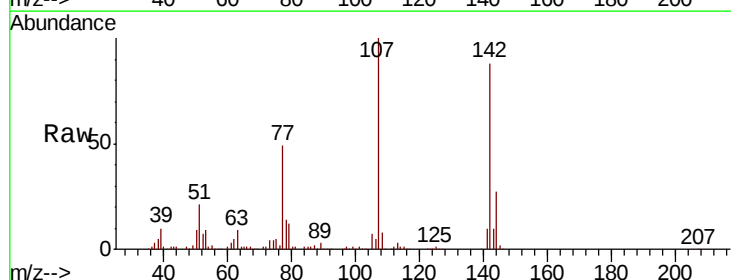
Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

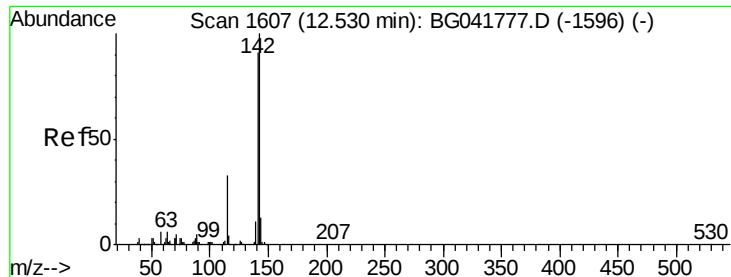
Tgt Ion:113 Resp: 43575
 Ion Ratio Lower Upper
 113 100
 55 186.9 199.4 239.4#
 56 135.1 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.070 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion:107 Resp: 259276
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.2 33.2
 142 87.9 67.3 100.9

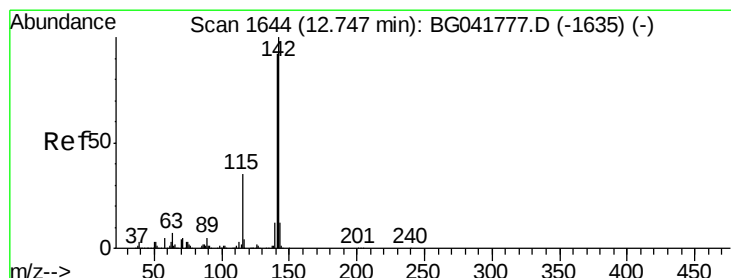
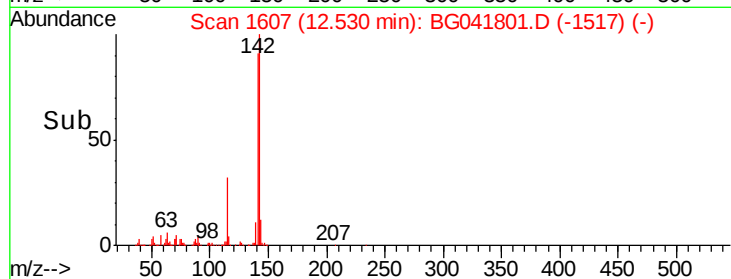
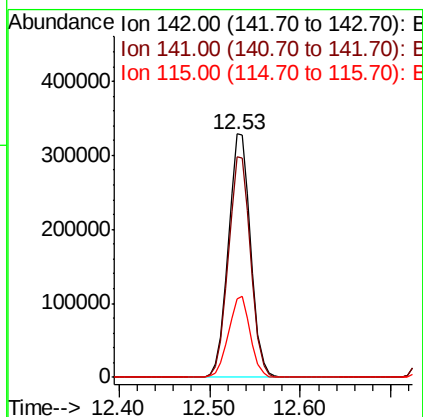
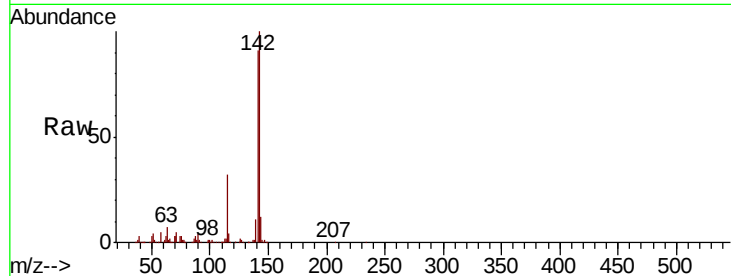




#37
2-Methylnaphthalene
Concen: 41.559 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

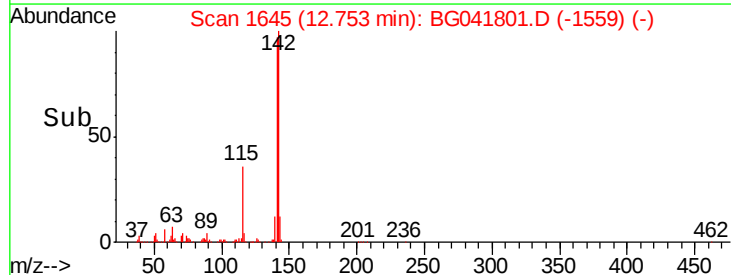
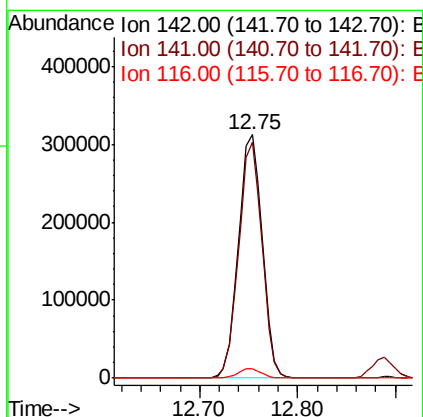
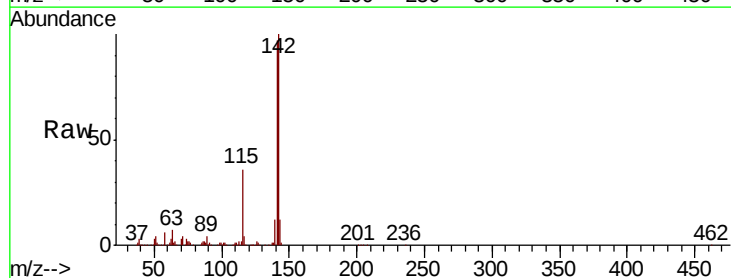
Instrument :
BNA_G
ClientSampleId :
PB121801BS

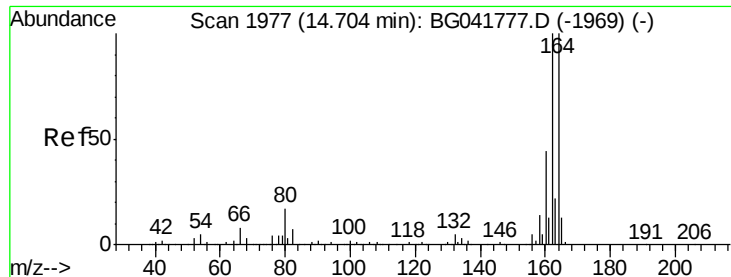
Tgt Ion:142 Resp: 559645
Ion Ratio Lower Upper
142 100
141 90.5 72.7 109.1
115 32.4 27.0 40.4



#38
1-Methylnaphthalene
Concen: 41.625 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:142 Resp: 531204
Ion Ratio Lower Upper
142 100
141 96.9 75.4 113.2
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

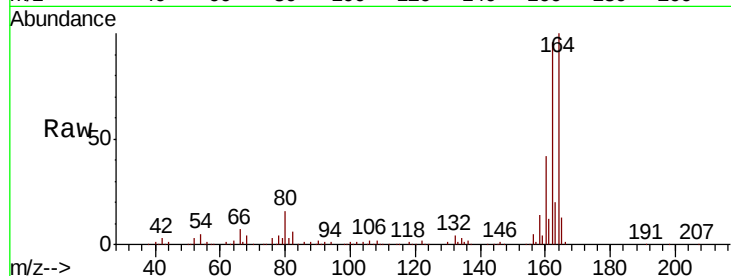
Tgt Ion:164 Resp: 278184

Ion Ratio Lower Upper

164 100

162 96.2 79.6 119.4

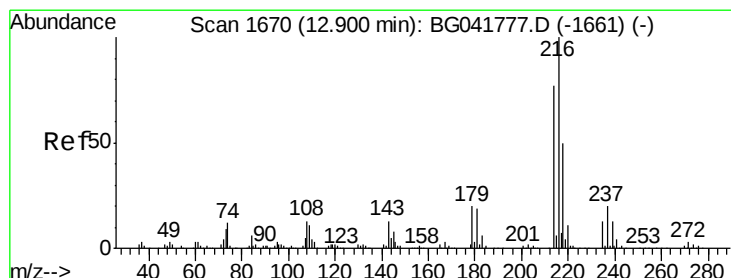
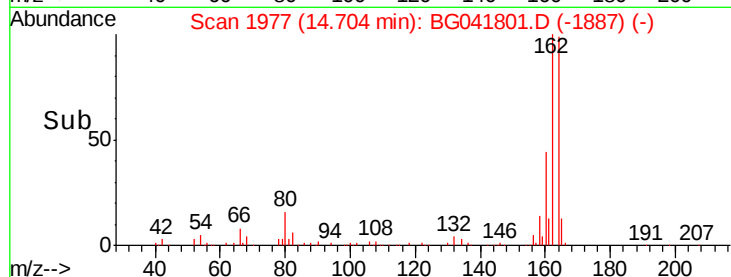
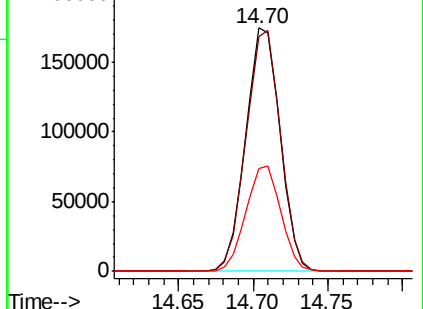
160 42.2 35.4 53.0



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: 39.602 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Tgt Ion:216 Resp: 348724

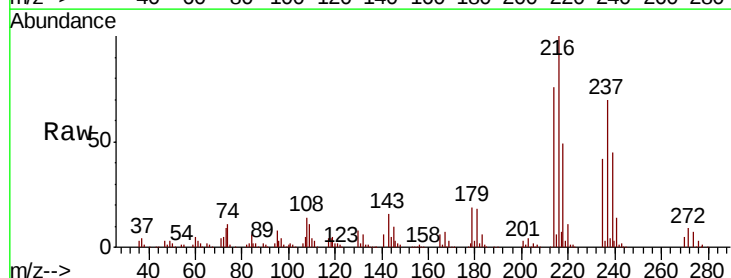
Ion Ratio Lower Upper

216 100

214 77.0 61.5 92.3

179 19.3 16.2 24.2

108 15.2 13.2 19.8

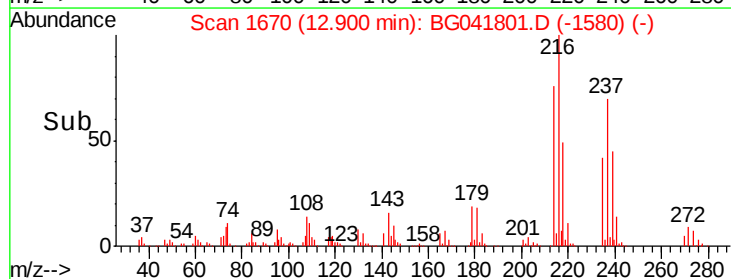
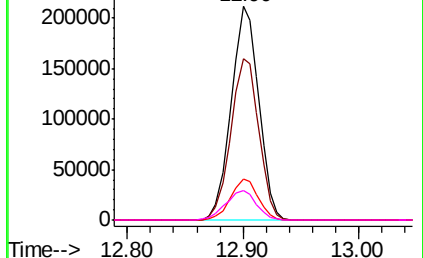


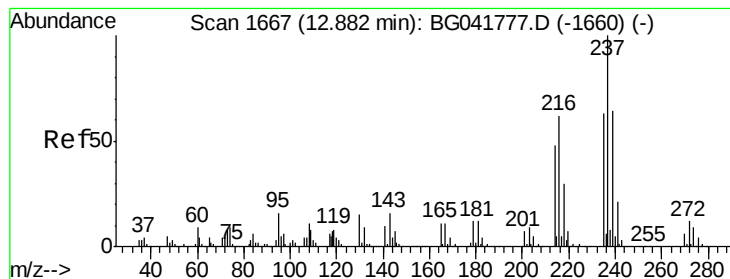
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.522 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

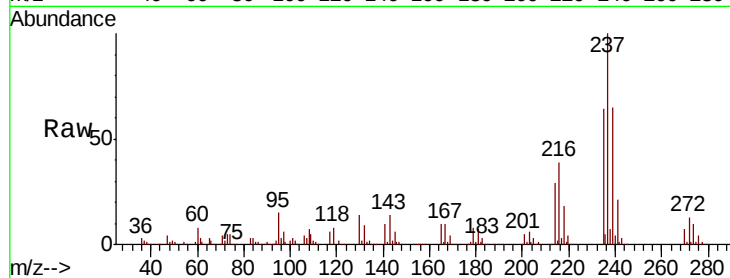
Tgt Ion: 237 Resp: 418454

Ion Ratio Lower Upper

237 100

235 64.2 43.5 83.5

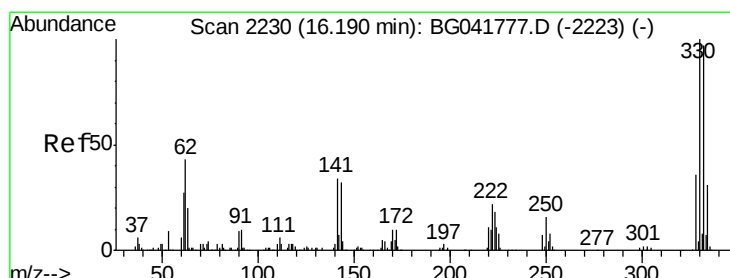
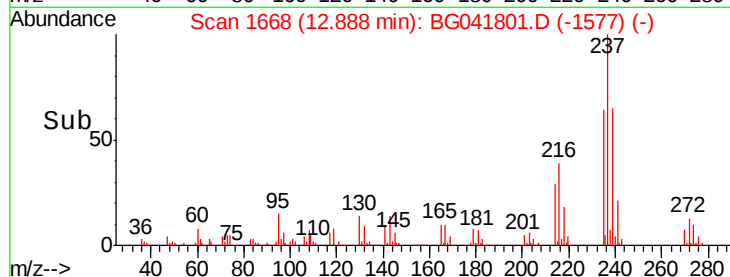
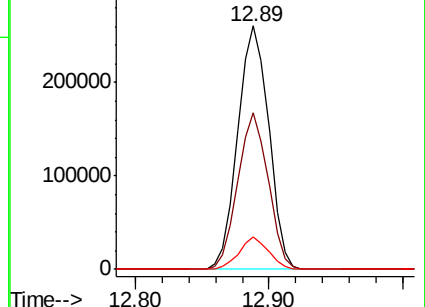
272 13.2 0.0 31.2



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: 140.438 ng

RT: 16.20 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

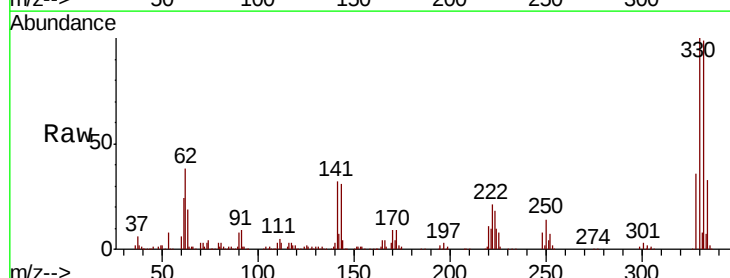
Tgt Ion: 330 Resp: 443754

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

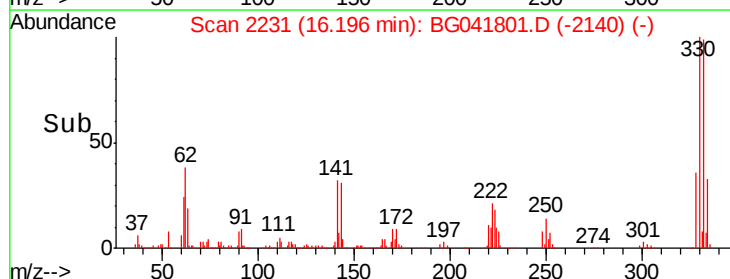
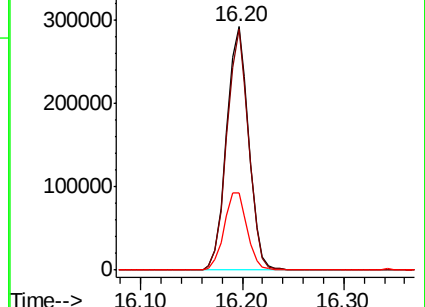
141 33.0 31.9 47.9

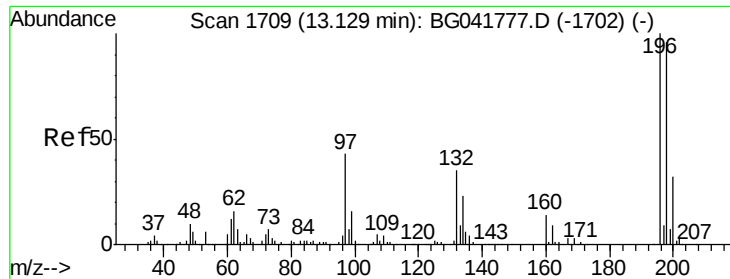


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

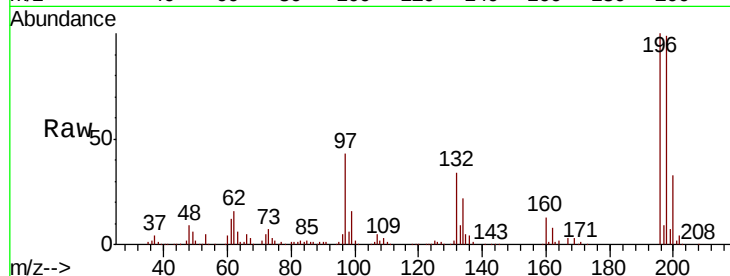




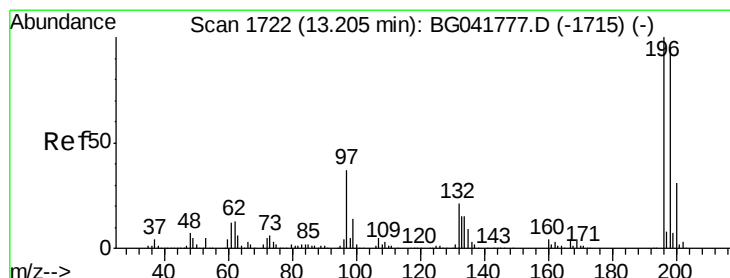
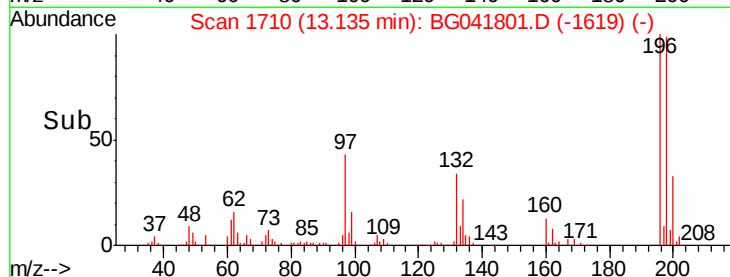
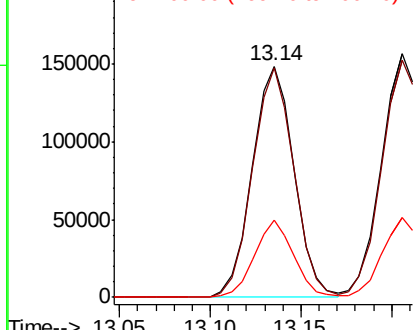
#43
 2,4,6-Trichlorophenol
 Concen: 42.770 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Tgt Ion:196 Resp: 238040
 Ion Ratio Lower Upper
 196 100
 198 99.2 79.6 119.4
 200 33.3 25.2 37.8



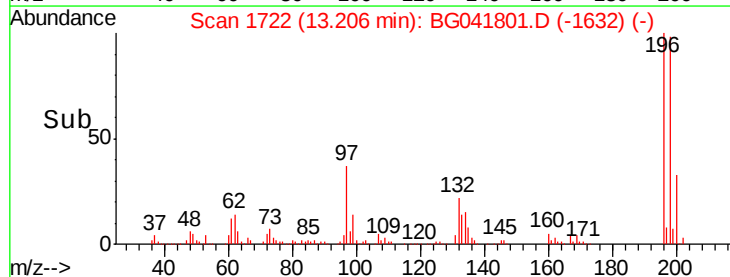
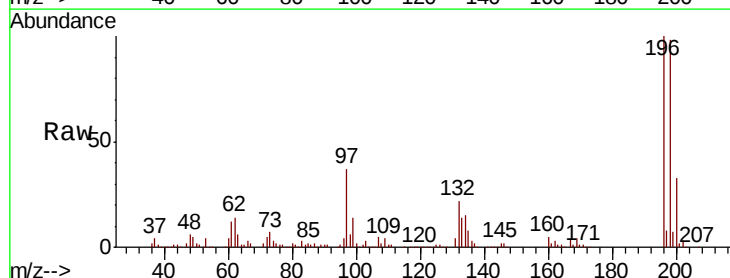
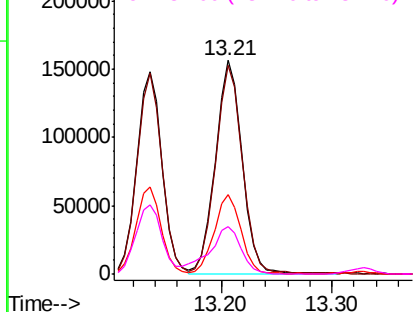
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

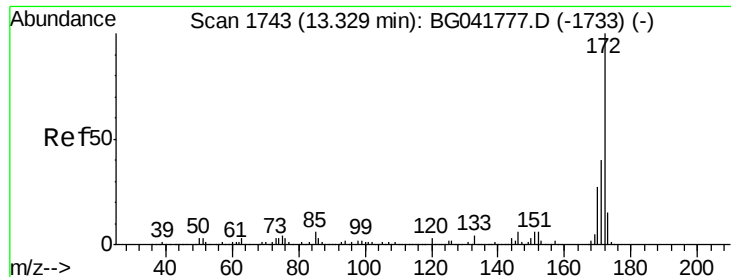


#44
 2,4,5-Trichlorophenol
 Concen: 45.215 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion:196 Resp: 261509
 Ion Ratio Lower Upper
 196 100
 198 97.5 80.6 121.0
 97 37.1 33.9 50.9
 132 22.1 20.2 30.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

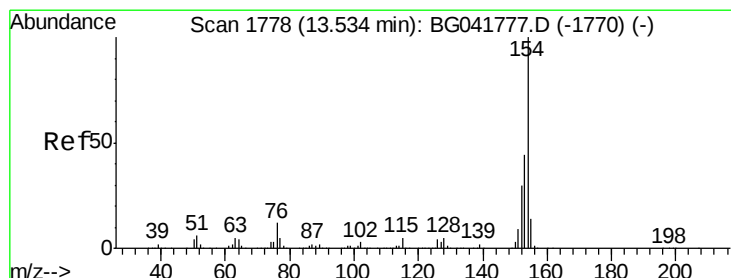
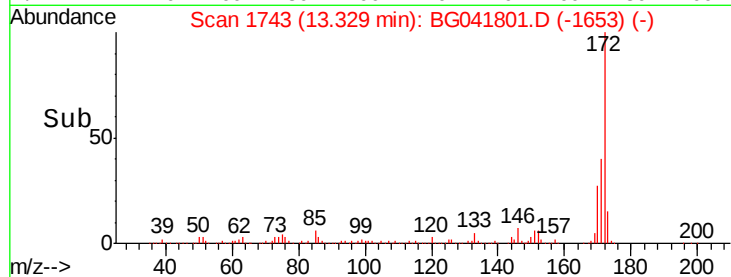
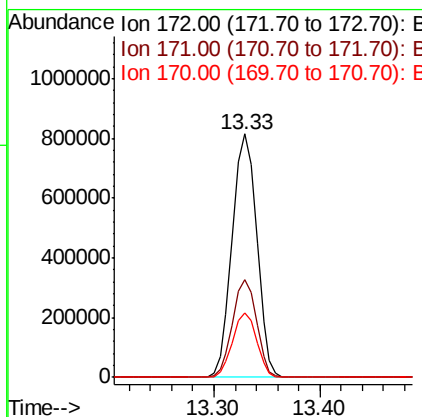
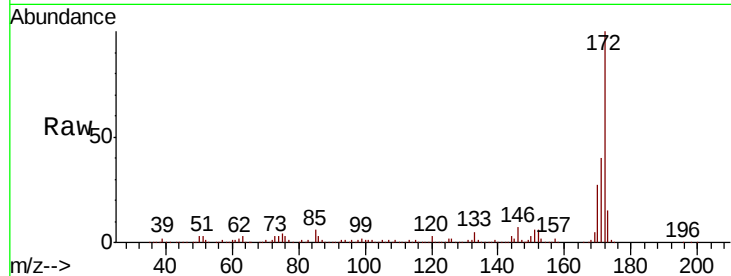




#45
 2-Fluorobiphenyl
 Concen: 83.083 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

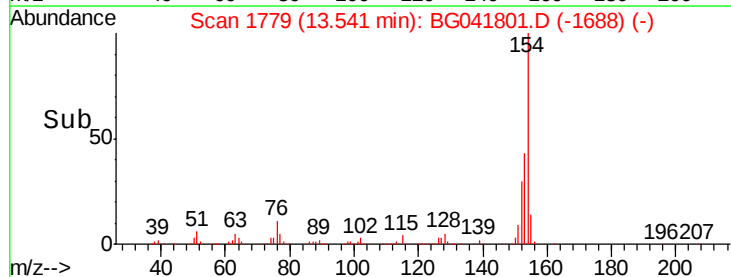
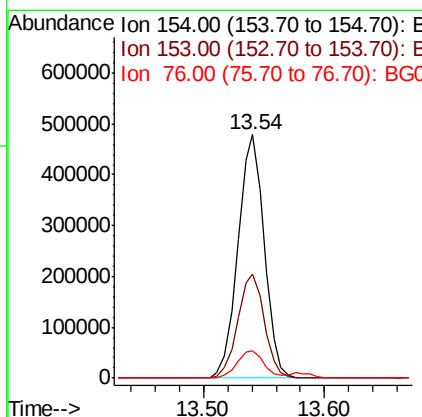
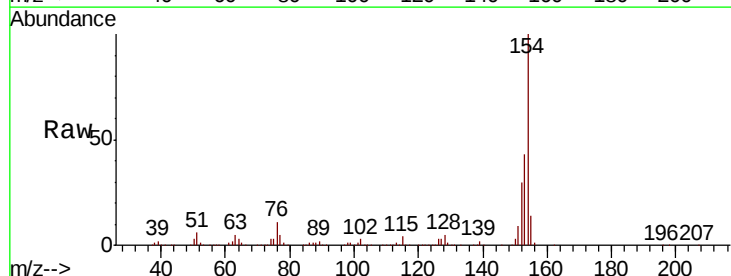
Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

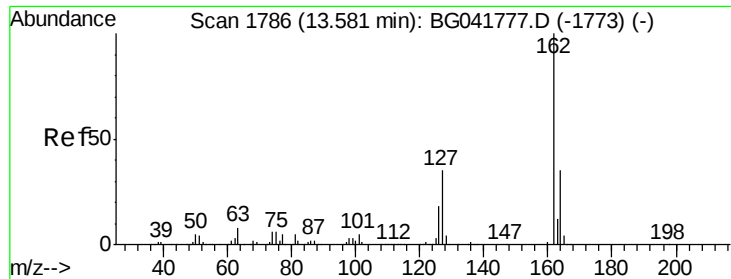
Tgt Ion:172 Resp: 1310437
 Ion Ratio Lower Upper
 172 100
 171 40.2 35.0 52.4
 170 26.7 23.5 35.3



#46
 1,1'-Biphenyl
 Concen: 40.544 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion:154 Resp: 725022
 Ion Ratio Lower Upper
 154 100
 153 42.9 25.0 65.0
 76 11.2 0.0 34.5

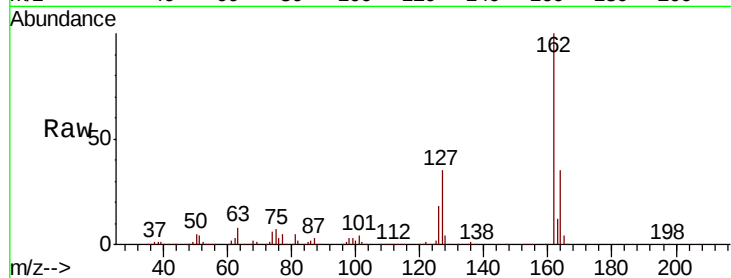




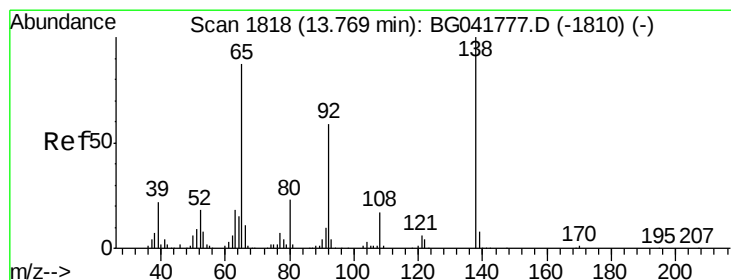
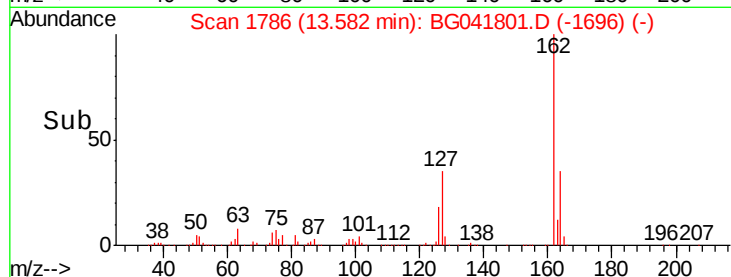
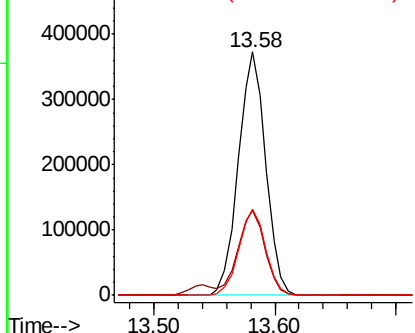
#47
2-Chloronaphthalene
Concen: 38.579 ng
RT: 13.58 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.7	30.4	45.6
164	35.2	28.6	42.8

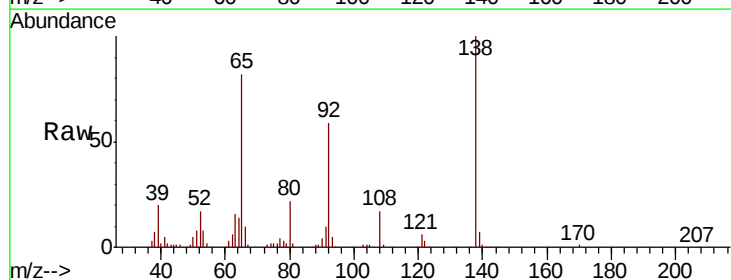


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

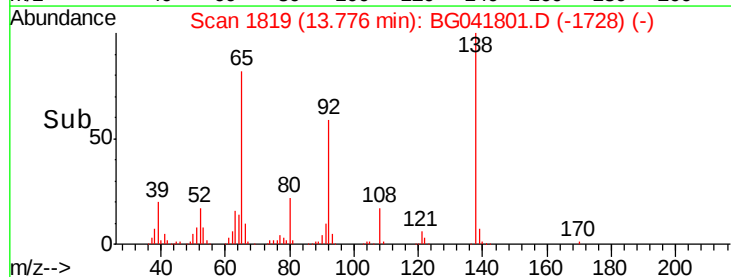
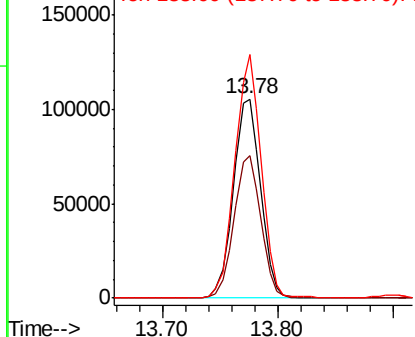


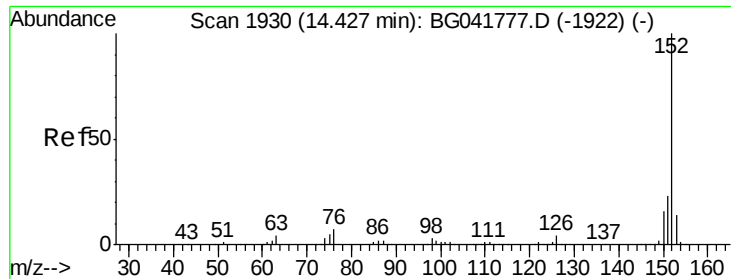
#48
2-Nitroaniline
Concen: 44.540 ng
RT: 13.78 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.9	80.9
138	122.2	83.5	125.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.486 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

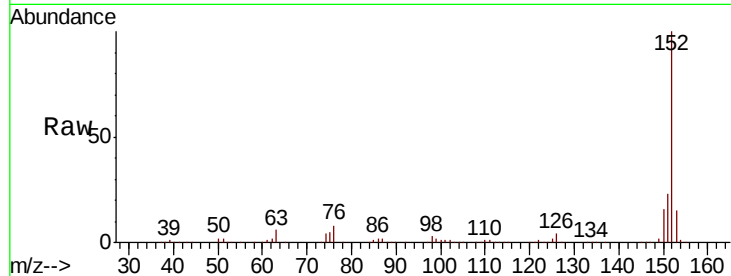
Tgt Ion:152 Resp: 944809

Ion Ratio Lower Upper

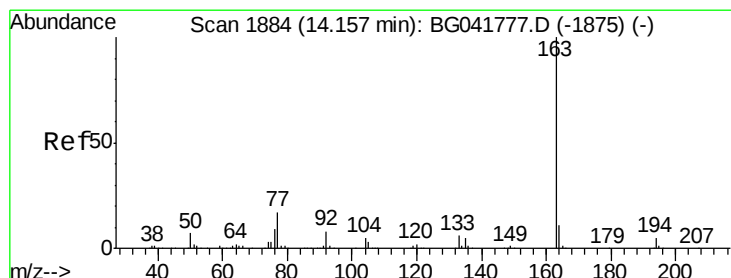
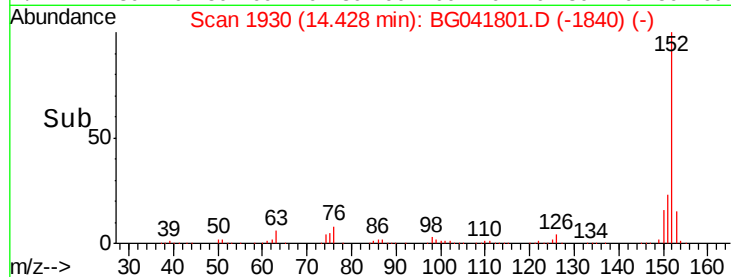
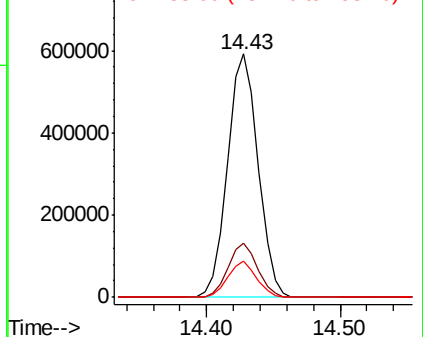
152 100

151 22.5 18.7 28.1

153 14.7 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: 42.057 ng

RT: 14.16 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

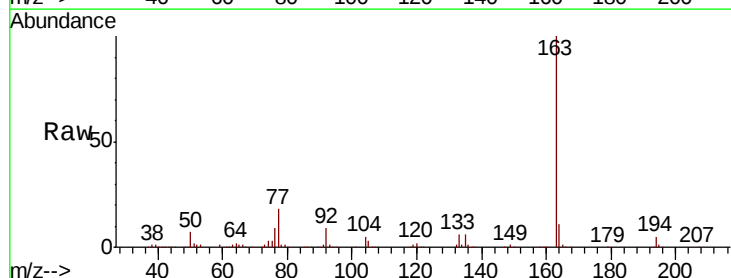
Tgt Ion:163 Resp: 799020

Ion Ratio Lower Upper

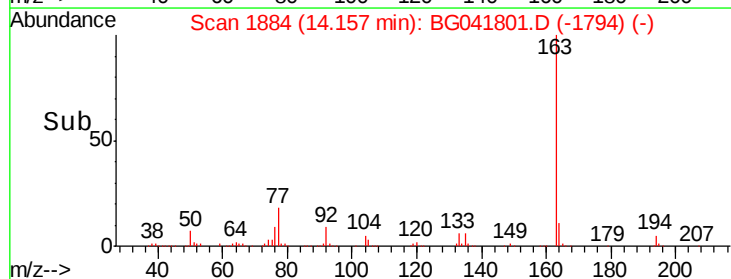
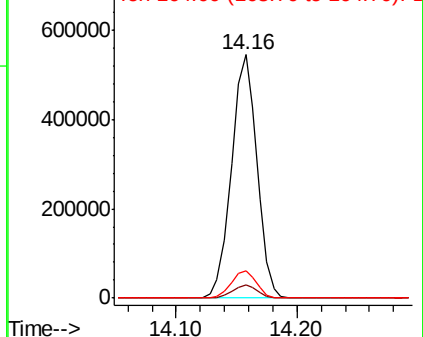
163 100

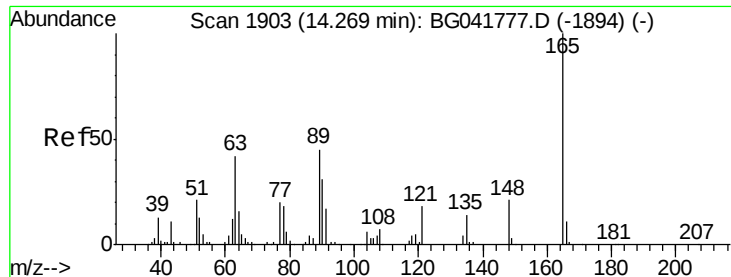
194 5.3 4.2 6.2

164 11.2 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

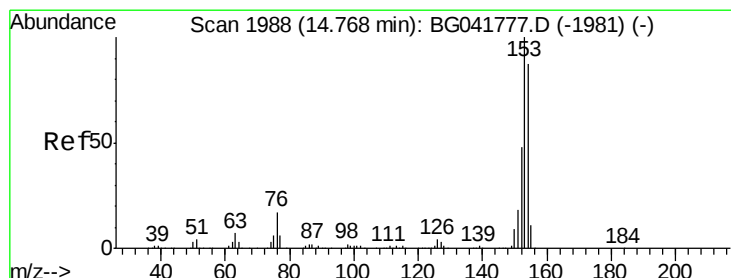
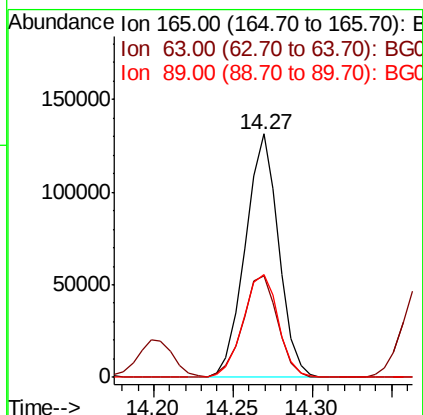
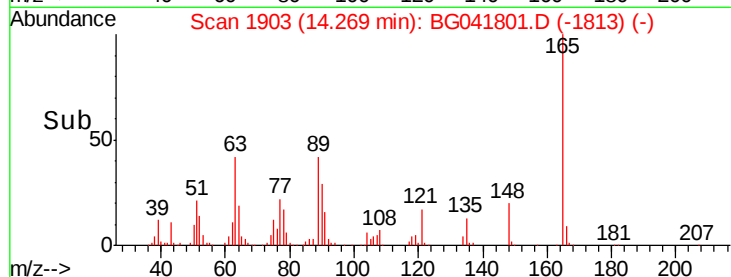
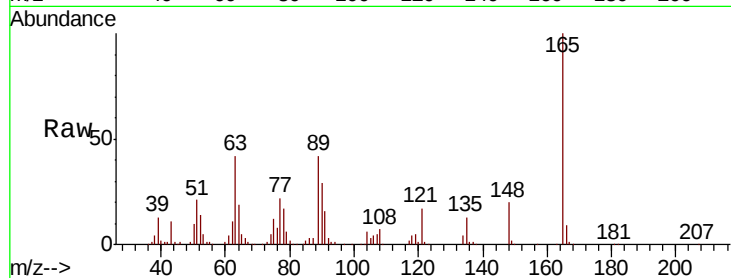




#51
2,6-Dinitrotoluene
Concen: 48.361 ng
RT: 14.27 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

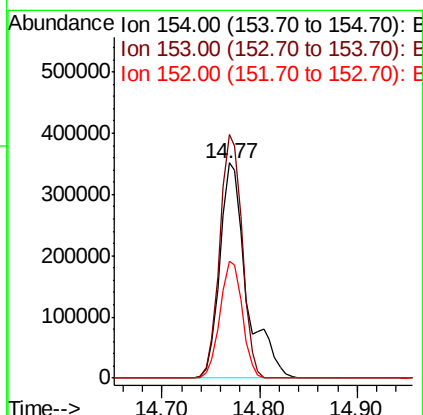
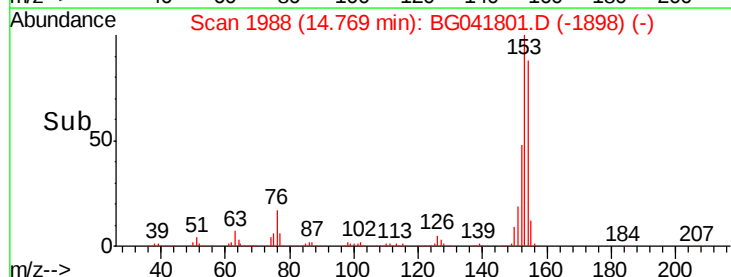
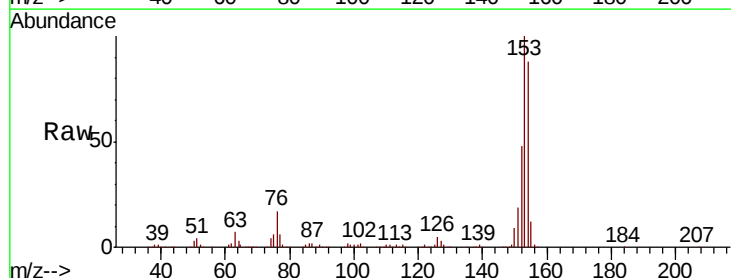
Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tgt Ion:165 Resp: 192123
Ion Ratio Lower Upper
165 100
63 41.9 42.4 63.6#
89 42.0 42.1 63.1#



#52
Acenaphthene
Concen: 45.122 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:154 Resp: 668357
Ion Ratio Lower Upper
154 100
153 113.1 89.8 134.6
152 54.4 44.9 67.3





#53

3-Nitroaniline

Concen: 34.277 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

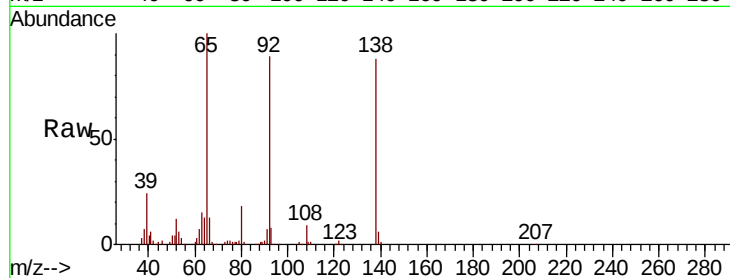
Tgt Ion:138 Resp: 145680

Ion Ratio Lower Upper

138 100

108 9.9 10.3 15.5#

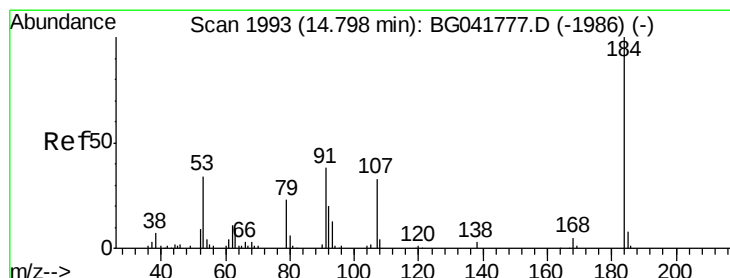
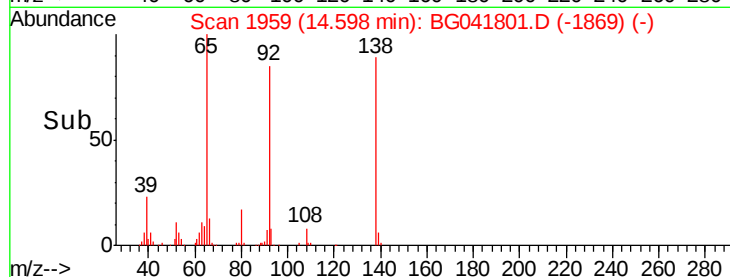
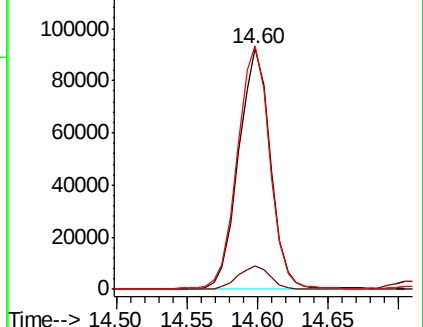
92 101.1 93.0 139.4



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): E



#54

2,4-Dinitrophenol

Concen: 89.951 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

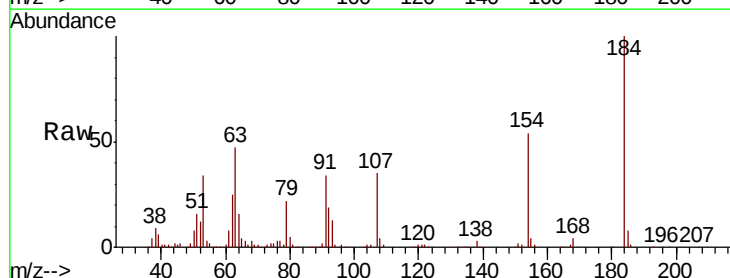
Tgt Ion:184 Resp: 226890

Ion Ratio Lower Upper

184 100

63 47.1 43.2 64.8

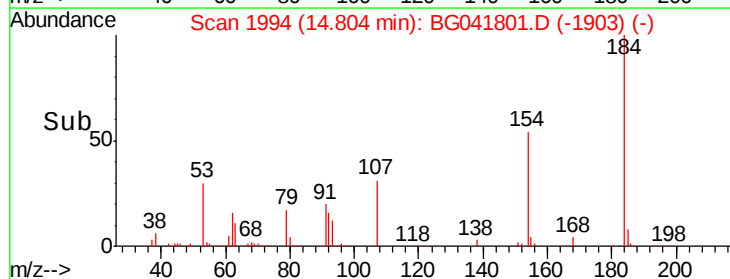
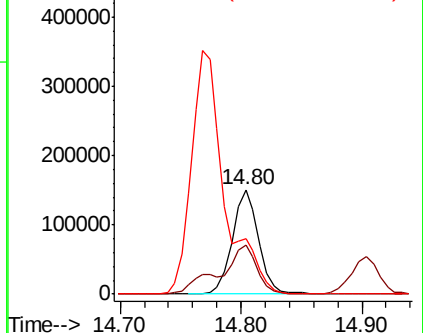
154 53.5 51.4 77.2

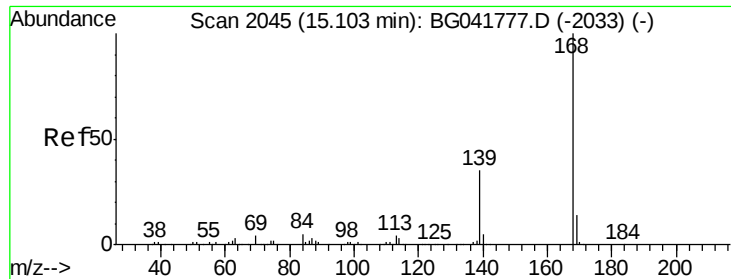


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.504 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

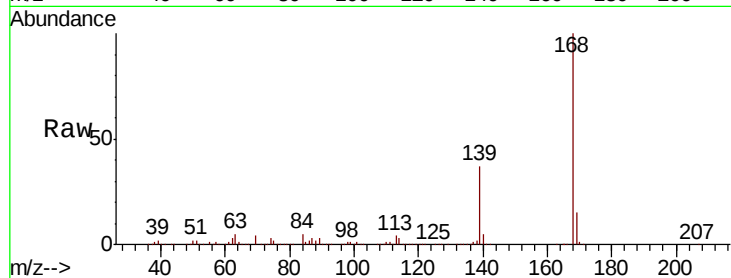
Tgt Ion:168 Resp: 940324

Ion Ratio Lower Upper

168 100

139 36.7 31.9 47.9

169 14.9 12.5 18.7

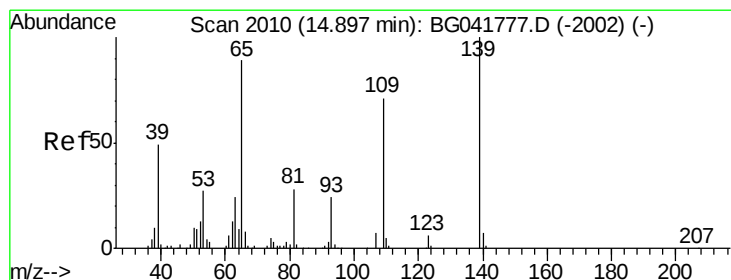
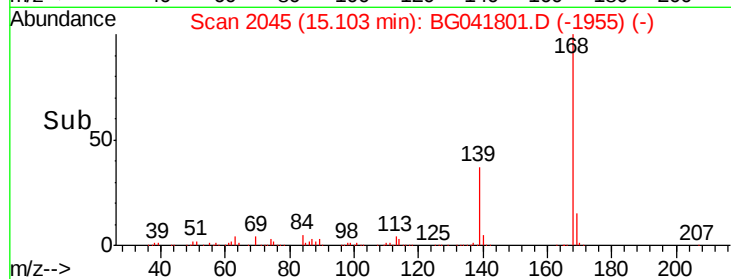
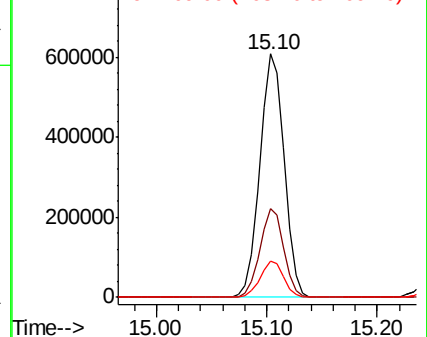


Abundance

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: 101.094 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

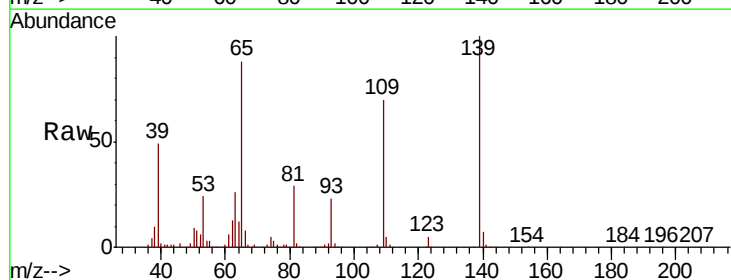
Tgt Ion:139 Resp: 326137

Ion Ratio Lower Upper

139 100

109 70.3 51.3 91.3

65 88.0 77.6 117.6

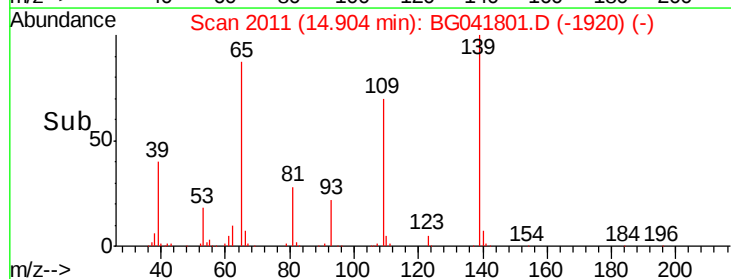
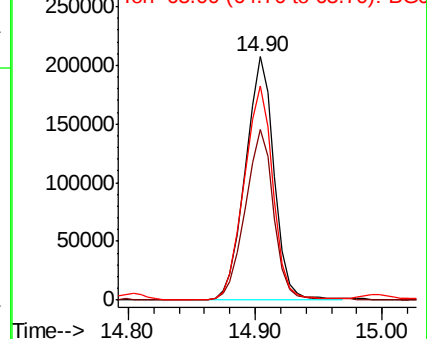


Abundance

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): BGO

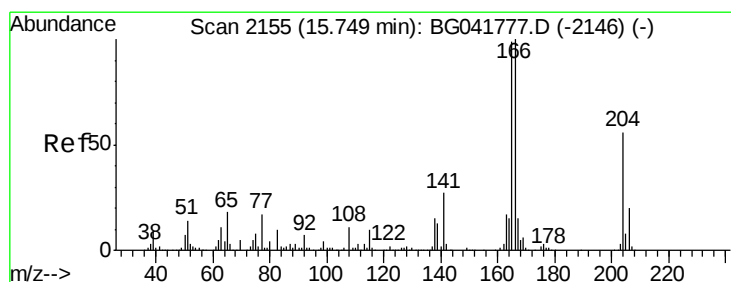
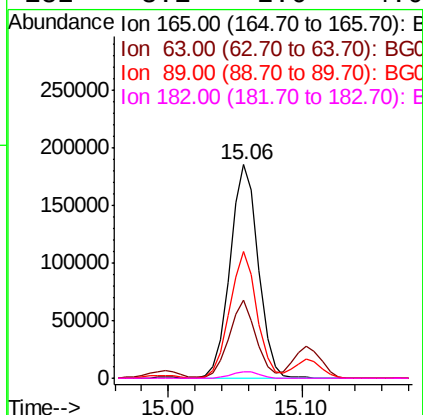
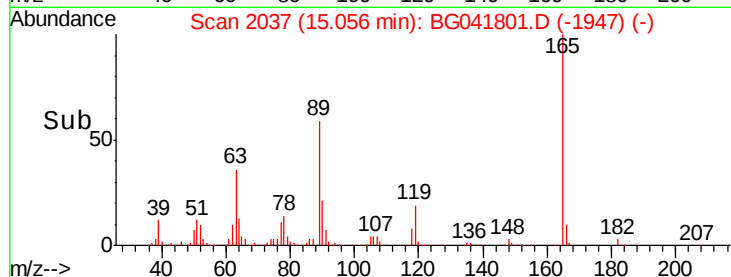
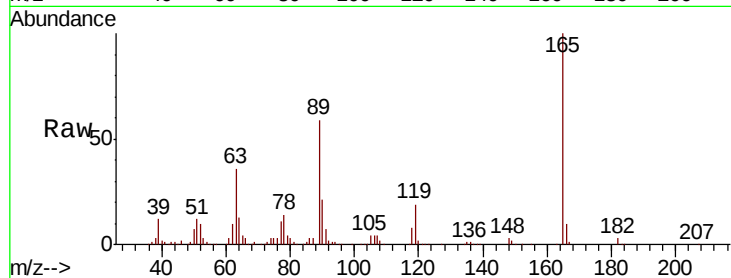




#57
2,4-Dinitrotoluene
Concen: 49.845 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

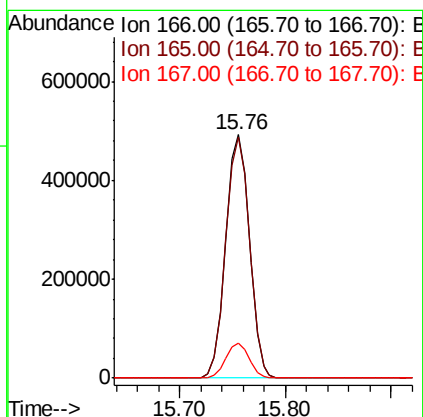
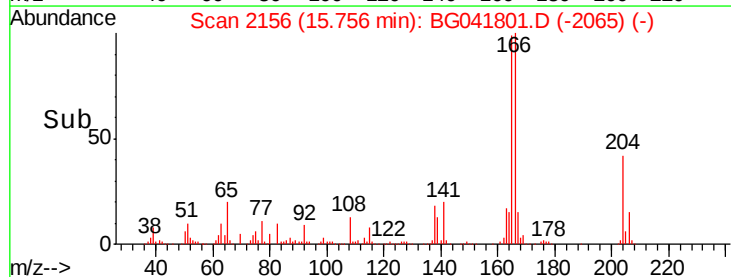
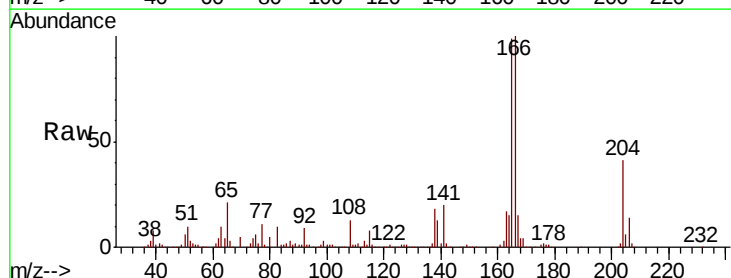
Instrument :
BNA_G
ClientSampleId :
PB121801BS

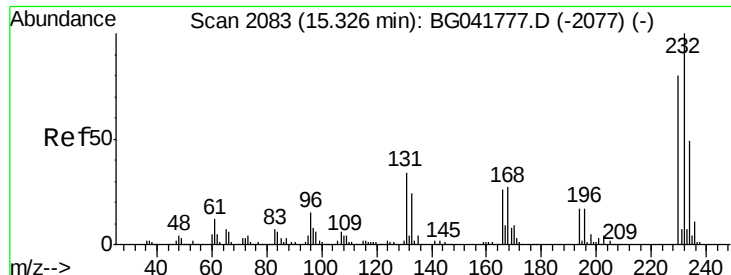
Tgt Ion:165 Resp: 272317
Ion Ratio Lower Upper
165 100
63 36.4 31.7 47.5
89 59.2 50.2 75.4
182 3.1 2.6 4.0



#58
Fluorene
Concen: 42.171 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:166 Resp: 766735
Ion Ratio Lower Upper
166 100
165 98.8 80.5 120.7
167 14.6 12.4 18.6

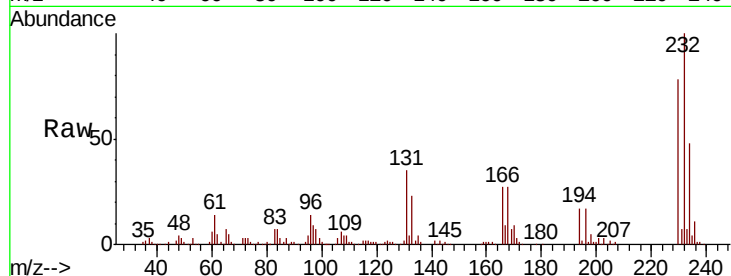




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.355 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.8	31.8	47.6
130	1.9	1.8	2.8
166	26.9	23.5	35.3



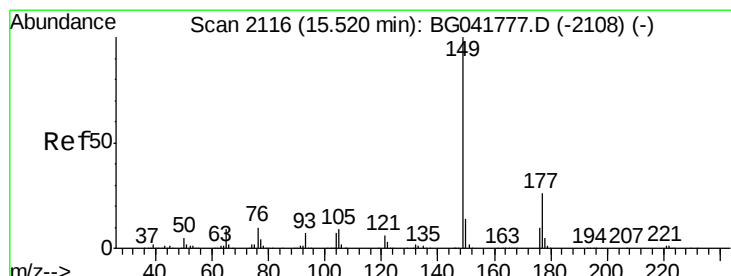
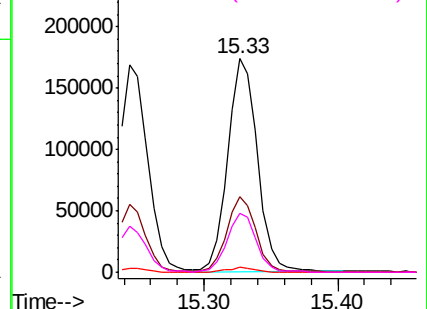
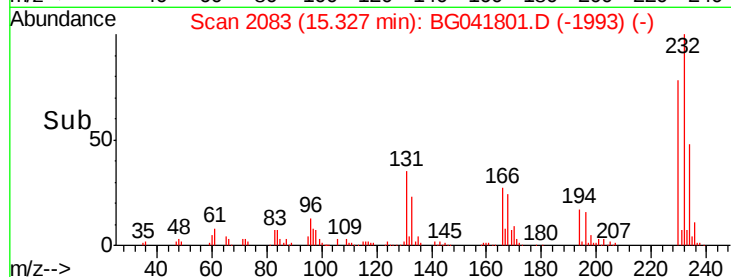
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

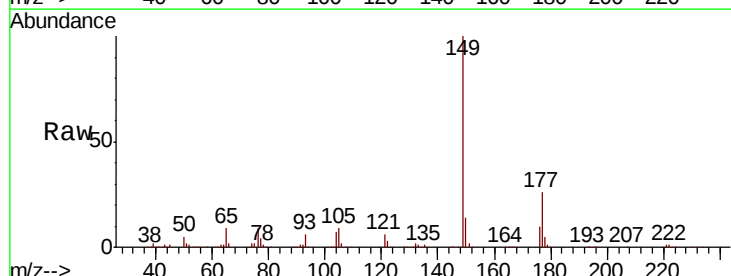
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.337 ng
 RT: 15.53 min Scan# 2117
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.3	20.7	31.1
150	13.8	11.5	17.3

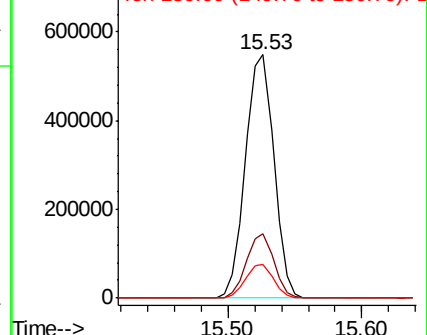
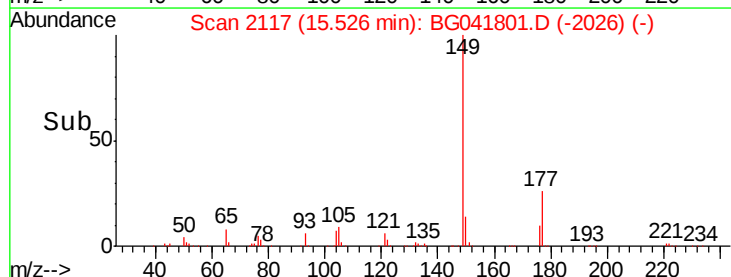


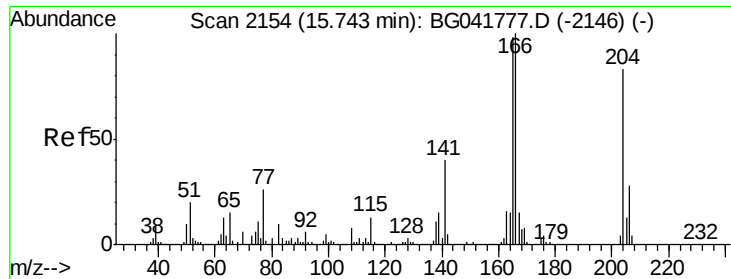
Abundance

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

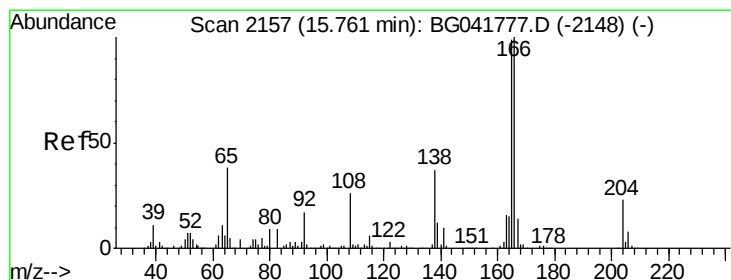
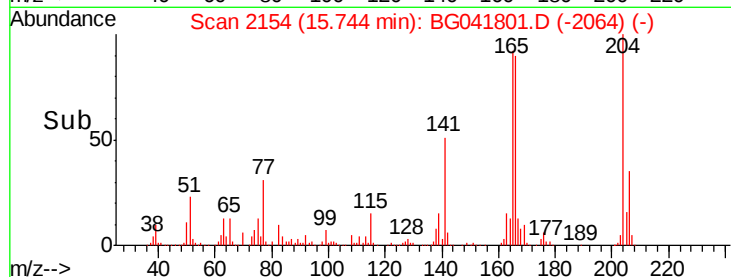
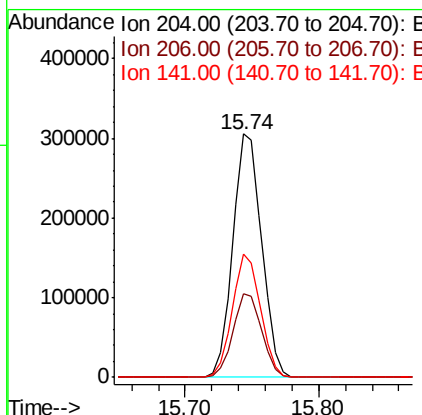
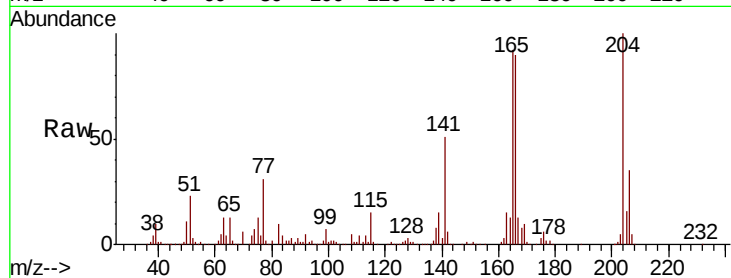




#61
 4-Chlorophenyl-phenylether
 Concen: 41.314 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

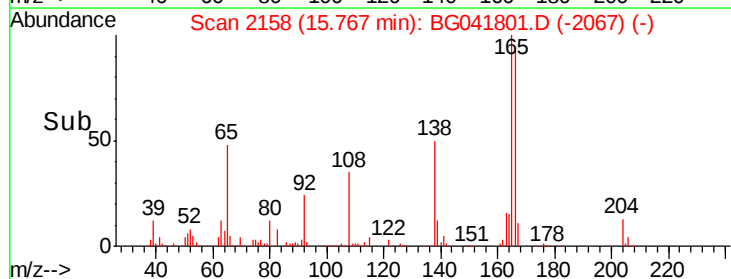
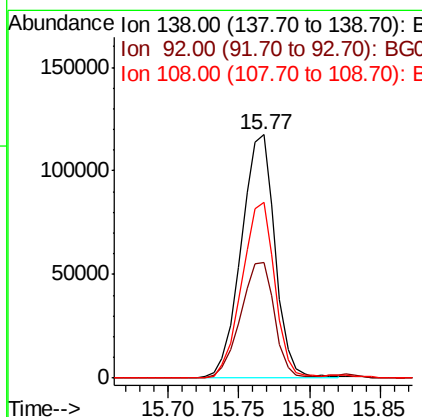
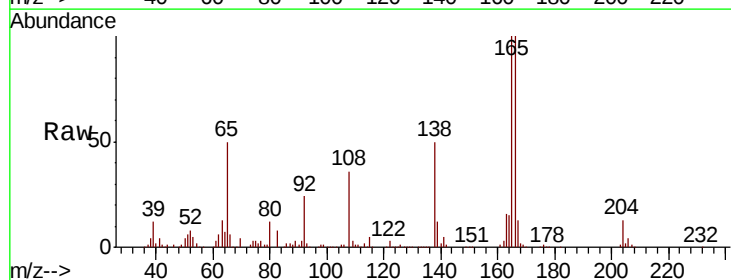
Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

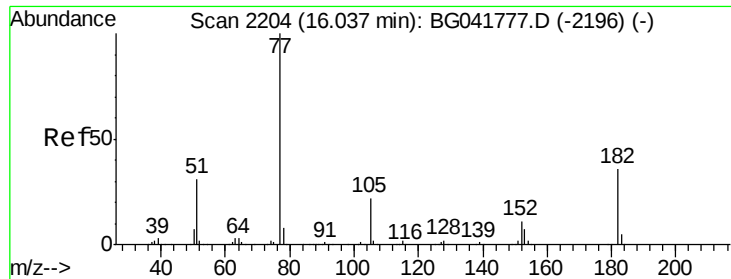
Tgt Ion: 204 Resp: 458572
 Ion Ratio Lower Upper
 204 100
 206 34.6 28.6 42.8
 141 50.6 42.9 64.3



#62
 4-Nitroaniline
 Concen: 42.773 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion: 138 Resp: 196902
 Ion Ratio Lower Upper
 138 100
 92 47.3 29.8 69.8
 108 72.2 52.2 92.2

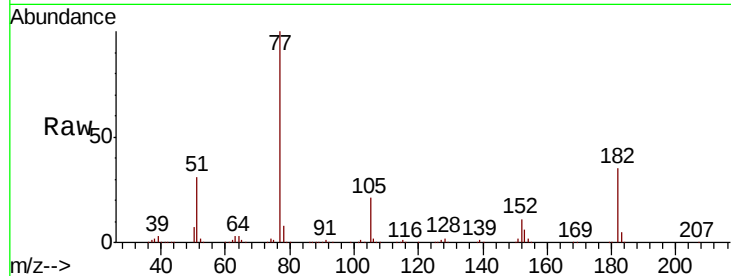




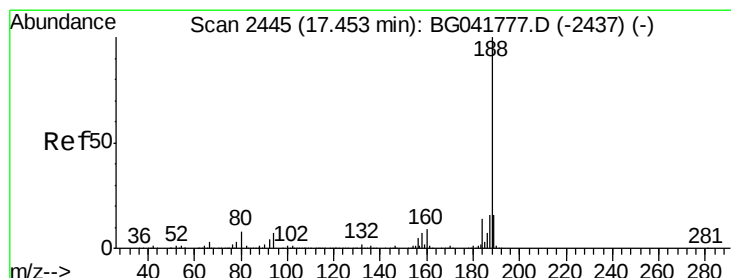
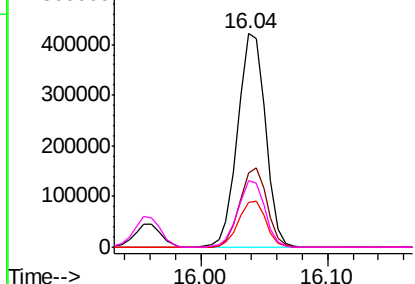
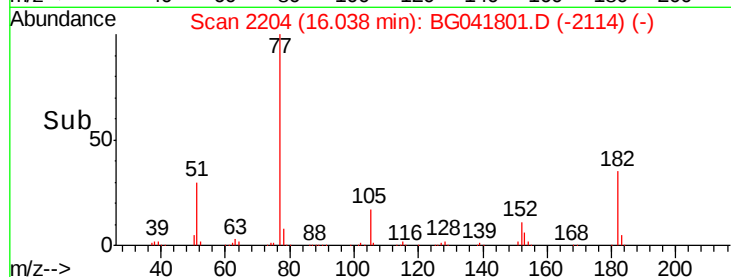
#63
Azobenzene
Concen: 41.859 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tgt Ion: 77 Resp: 637793
Ion Ratio Lower Upper
77 100
182 34.7 13.2 53.2
105 20.7 2.2 42.2
51 31.0 14.6 54.6

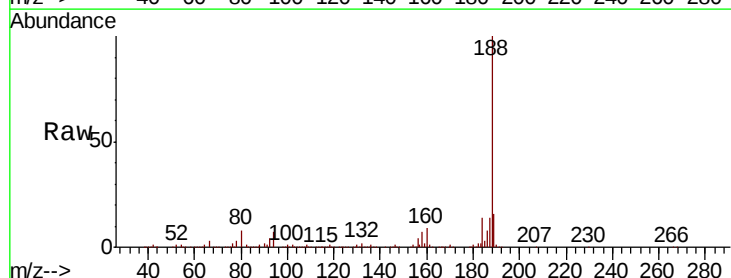


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

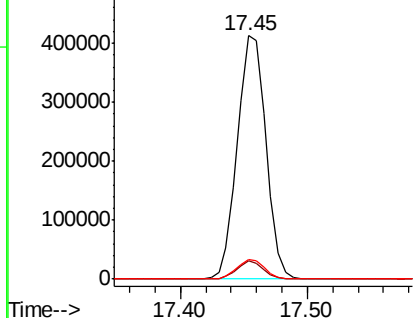
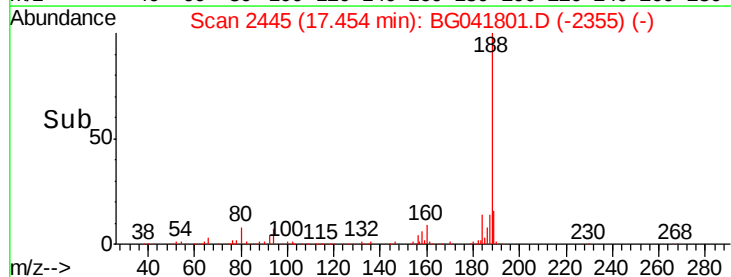


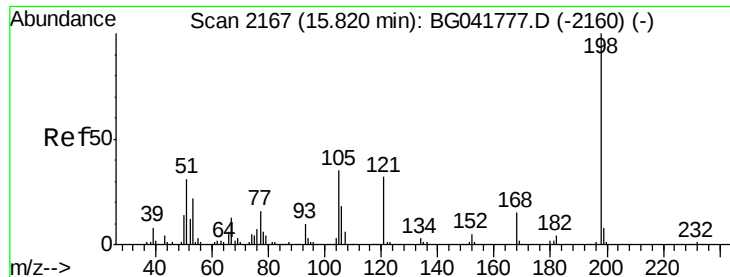
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion: 188 Resp: 644133
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.1 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: 49.140 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

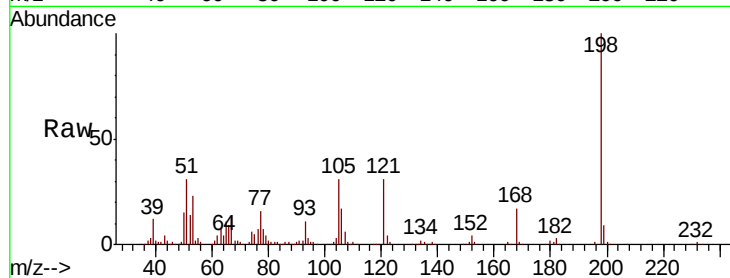
Tgt Ion:198 Resp: 155518

Ion Ratio Lower Upper

198 100

51 31.1 22.3 62.3

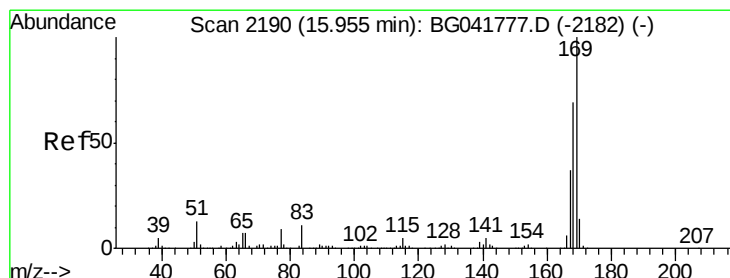
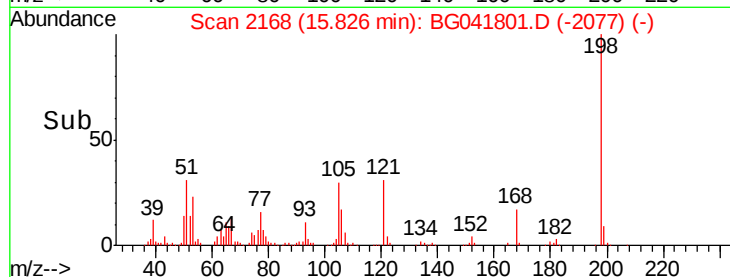
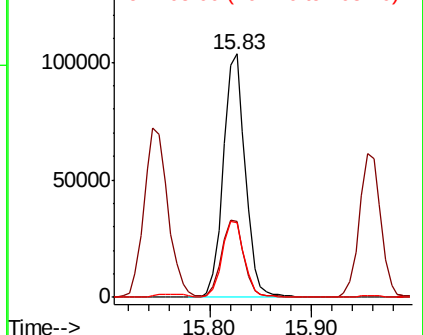
105 30.6 18.0 58.0



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: 41.859 ng

RT: 15.96 min Scan# 2191

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

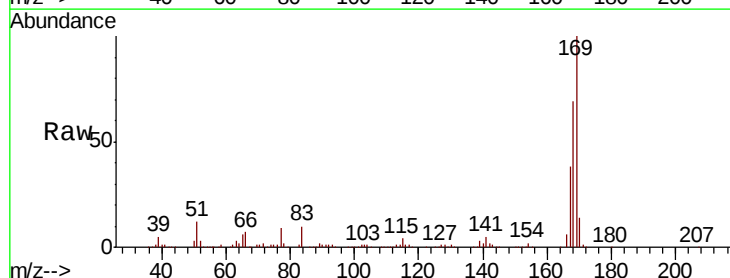
Tgt Ion:169 Resp: 734448

Ion Ratio Lower Upper

169 100

168 69.5 56.9 85.3

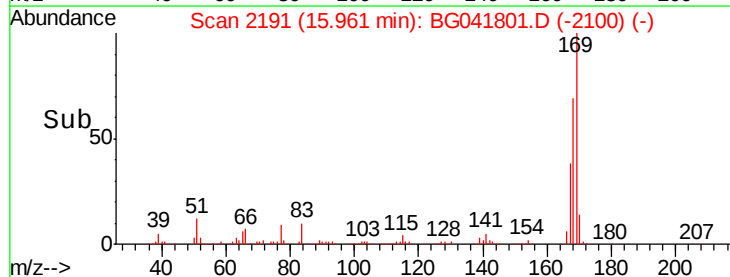
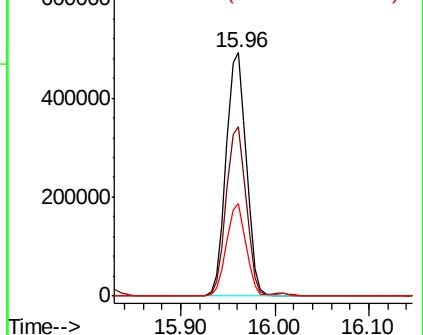
167 37.9 31.5 47.3

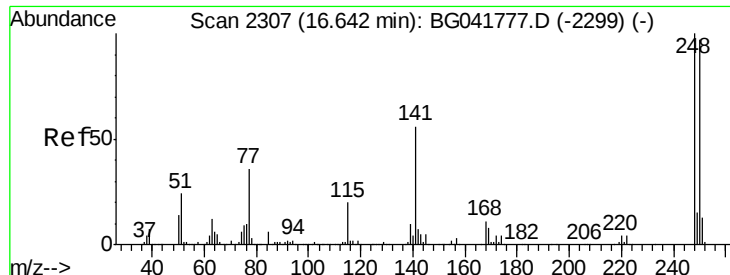


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

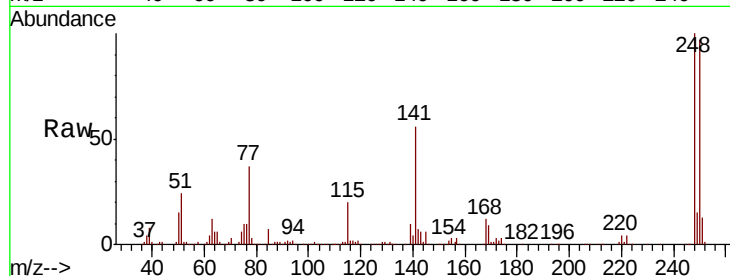




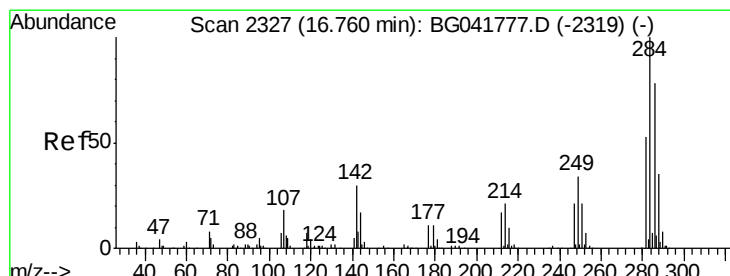
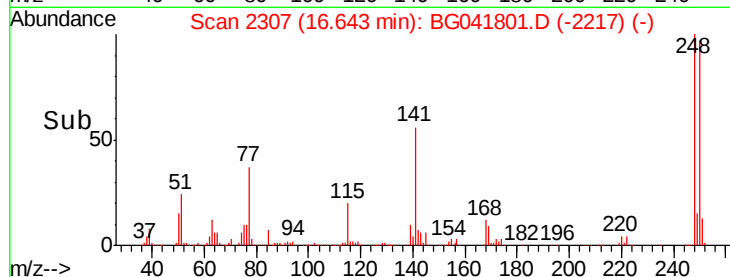
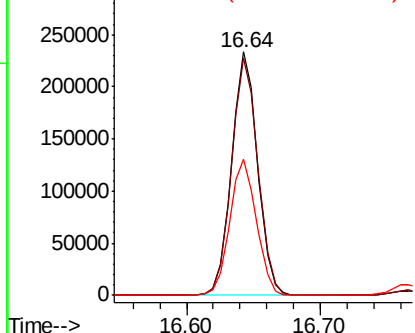
#67
4-Bromophenyl-phenylether
Concen: 39.875 ng
RT: 16.64 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tgt Ion:248 Resp: 316389
Ion Ratio Lower Upper
248 100
250 97.3 78.1 117.1
141 55.9 49.6 74.4

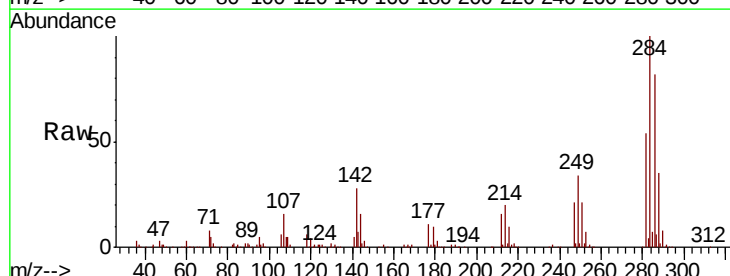


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

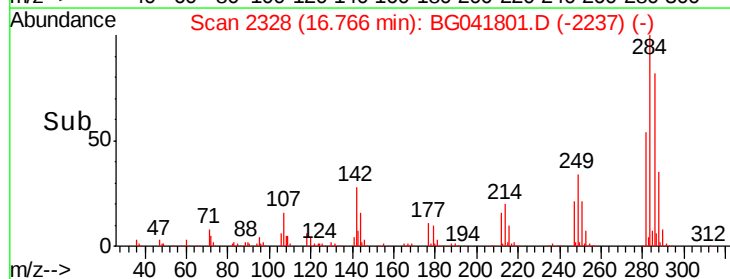
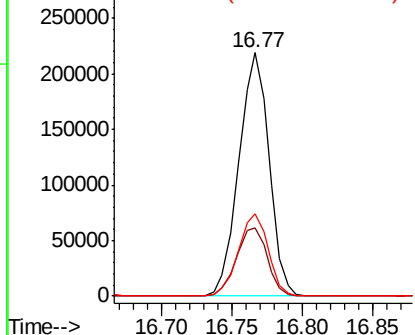


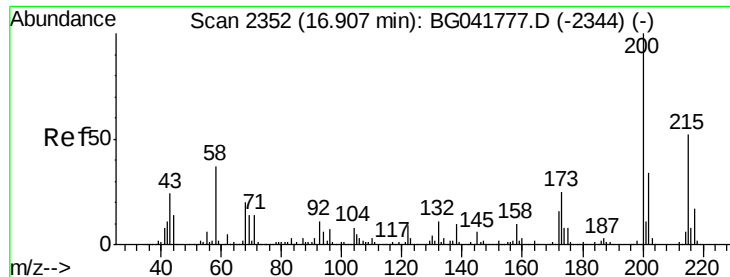
#68
Hexachlorobenzene
Concen: 39.380 ng
RT: 16.77 min Scan# 2328
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:284 Resp: 326890
Ion Ratio Lower Upper
284 100
142 28.2 27.0 40.6
249 34.0 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: 44.308 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

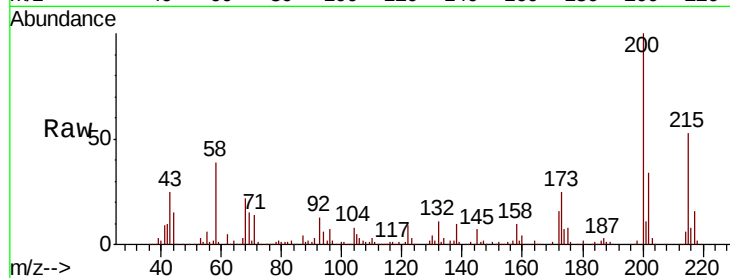
Tgt Ion:200 Resp: 305450

Ion Ratio Lower Upper

200 100

173 24.8 5.3 45.3

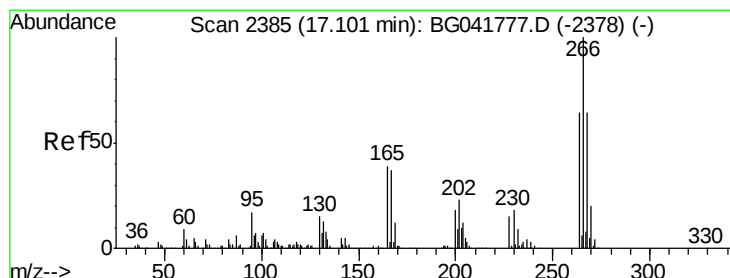
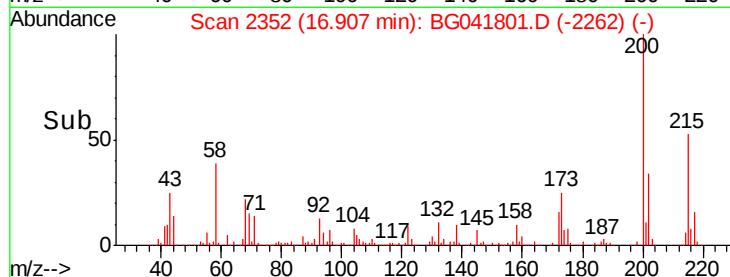
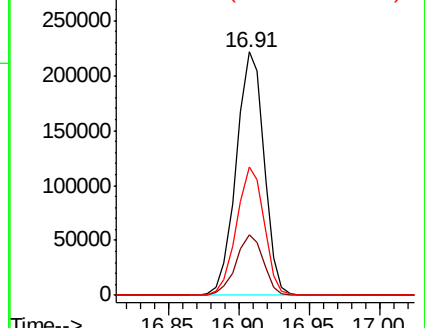
215 52.6 31.8 71.8



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: 93.978 ng

RT: 17.11 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

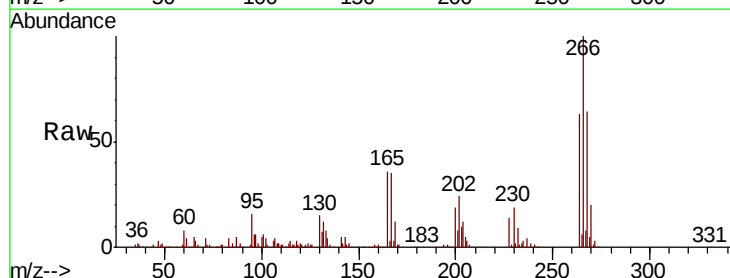
Tgt Ion:266 Resp: 443158

Ion Ratio Lower Upper

266 100

268 64.3 52.9 79.3

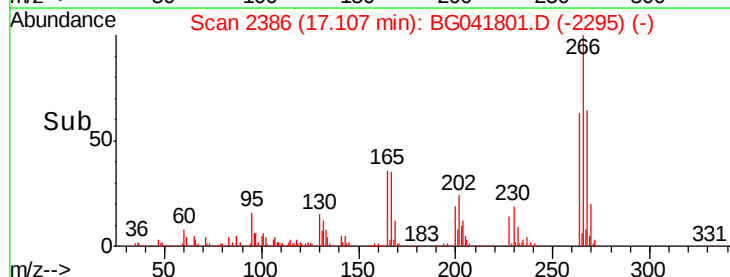
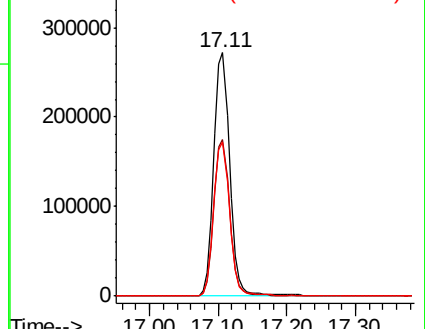
264 63.3 51.4 77.2

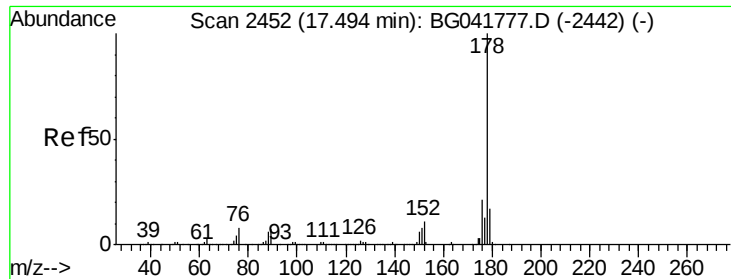


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

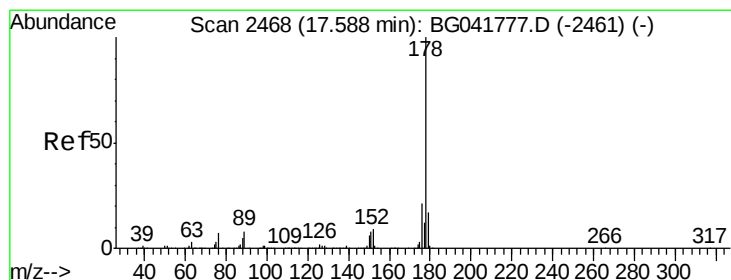
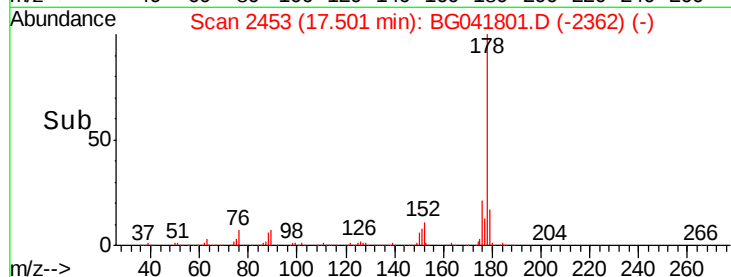
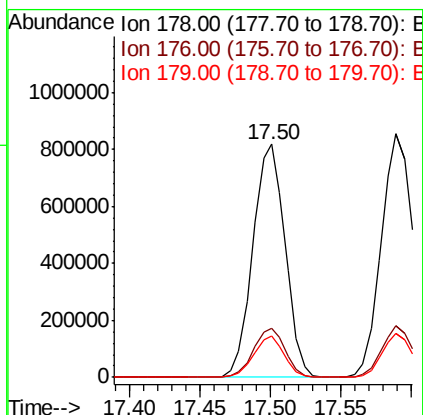
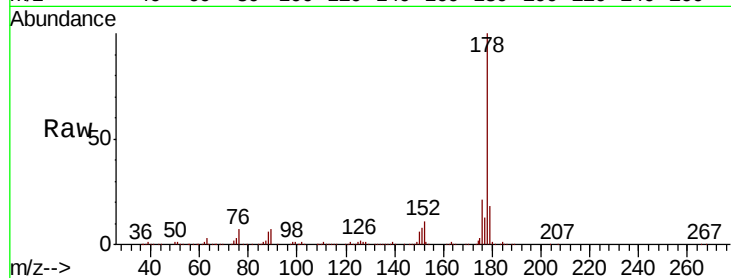




#71
Phenanthrene
Concen: 42.594 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

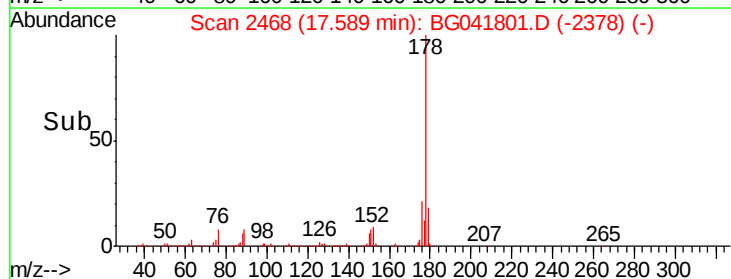
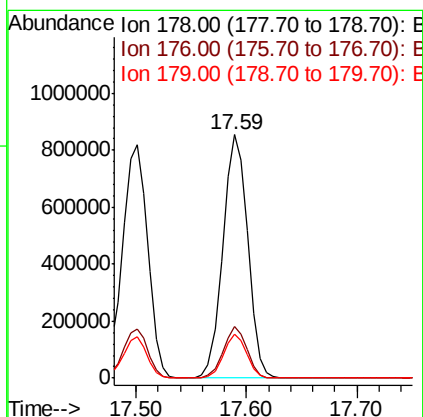
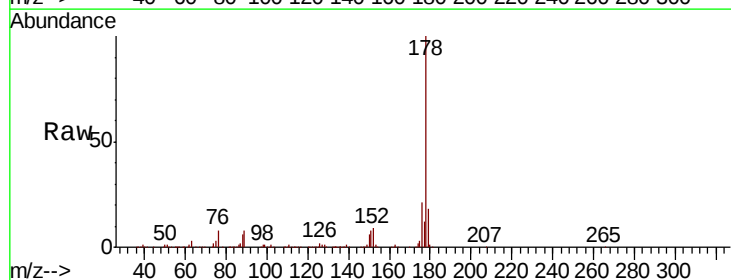
Instrument :
BNA_G
ClientSampleId :
PB121801BS

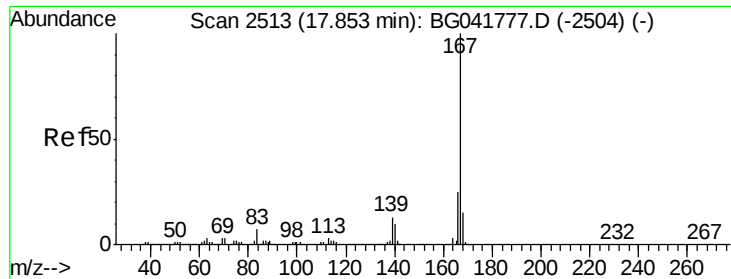
Tgt Ion:178 Resp: 1315090
Ion Ratio Lower Upper
178 100
176 21.1 18.6 28.0
179 17.5 15.4 23.0



#72
Anthracene
Concen: 43.520 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:178 Resp: 1340119
Ion Ratio Lower Upper
178 100
176 21.0 18.6 28.0
179 18.2 15.1 22.7

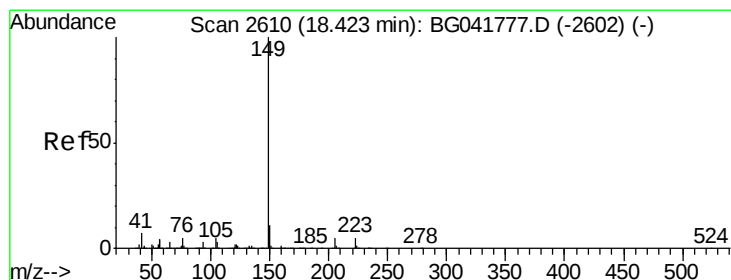
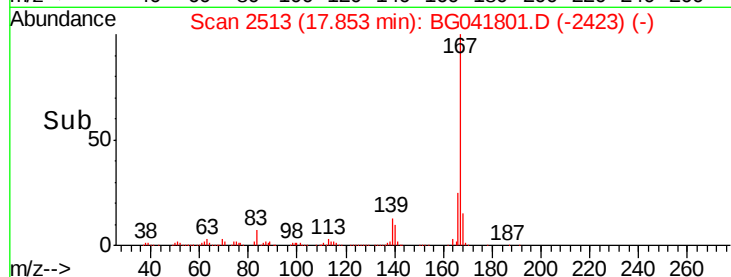
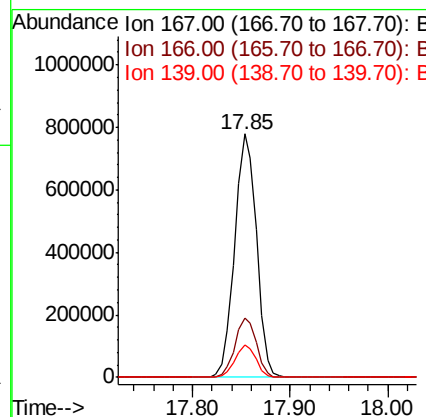
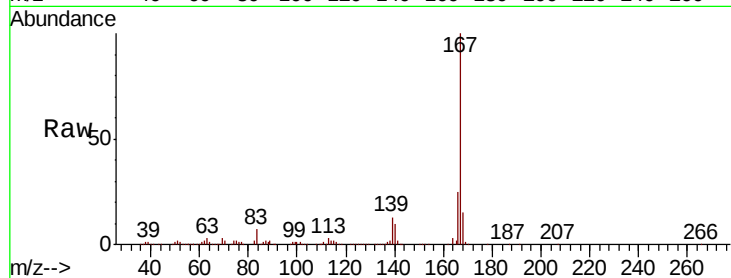




#73
 Carbazole
 Concen: 43.672 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

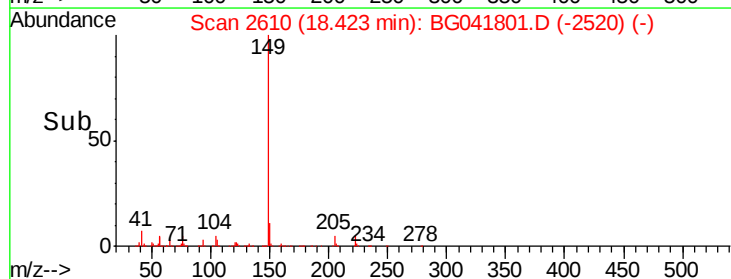
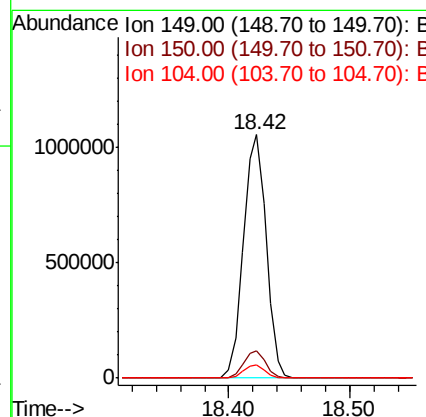
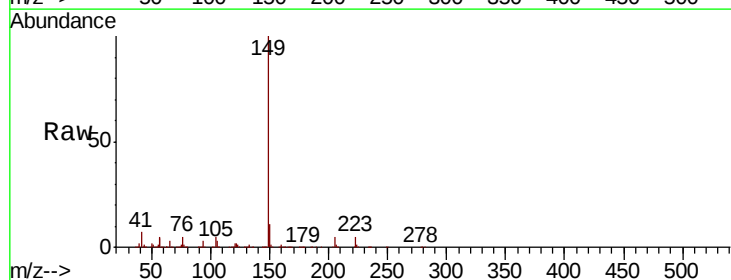
Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Tgt Ion:167 Resp: 1206991
 Ion Ratio Lower Upper
 167 100
 166 24.5 21.4 32.2
 139 13.2 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 44.372 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion:149 Resp: 1390288
 Ion Ratio Lower Upper
 149 100
 150 11.2 10.2 15.2
 104 5.5 5.3 7.9





#75

Fluoranthene

Concen: 44.158 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

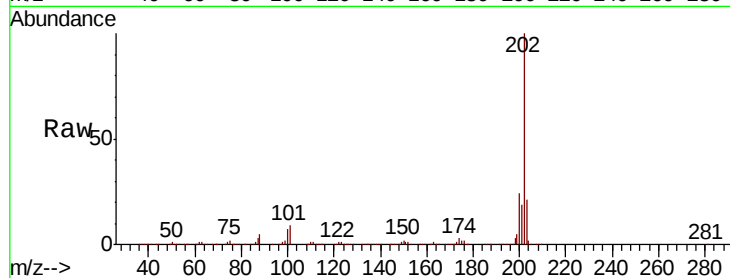
Tgt Ion:202 Resp: 1657209

Ion Ratio Lower Upper

202 100

101 8.9 0.0 32.8

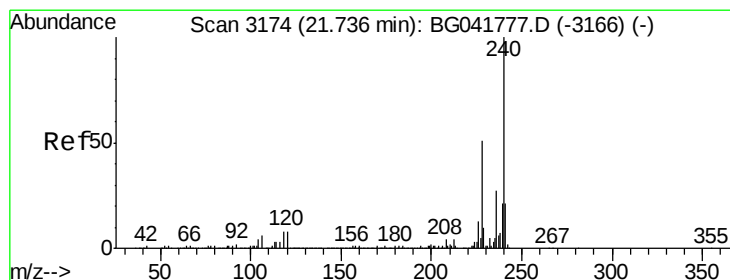
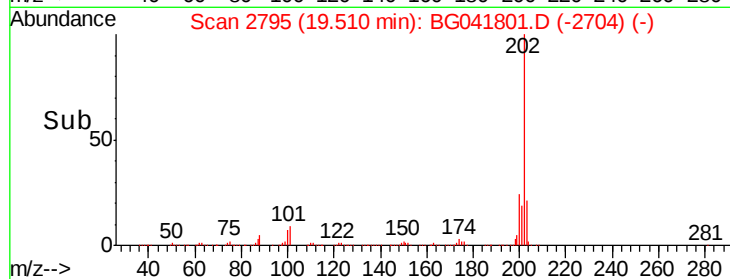
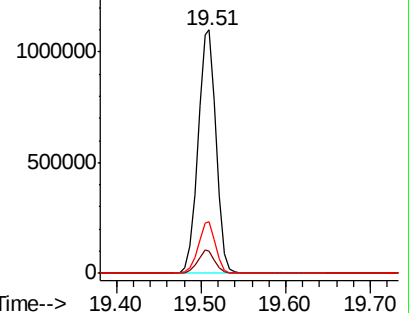
203 20.9 3.7 43.7



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: BG041801.D

Acq: 30 Jul 2019 14:42

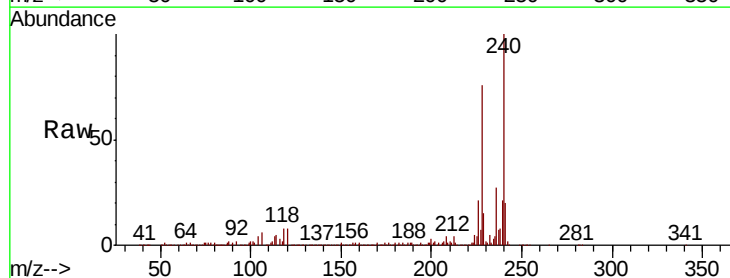
Tgt Ion:240 Resp: 645859

Ion Ratio Lower Upper

240 100

120 7.8 8.0 12.0#

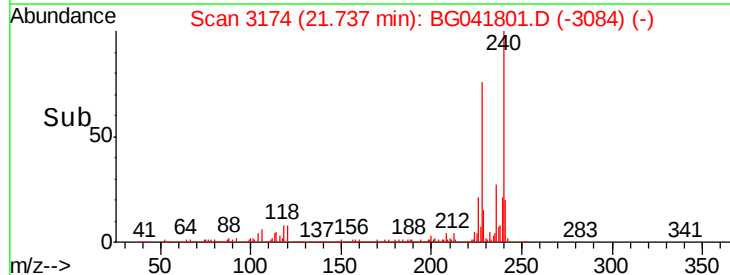
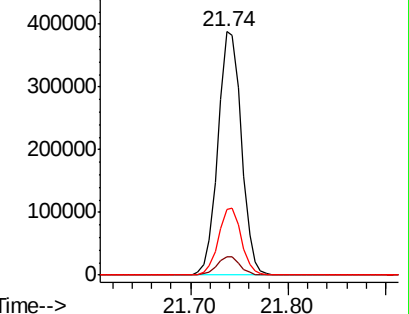
236 27.2 22.6 33.8

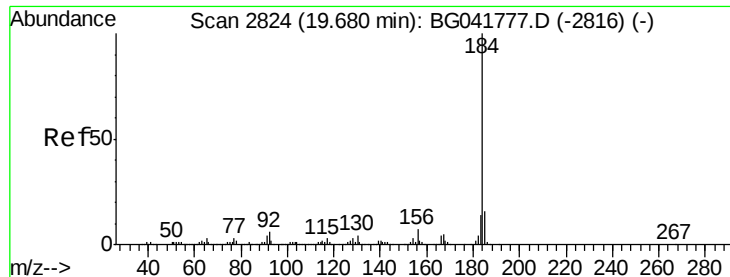


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.591 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

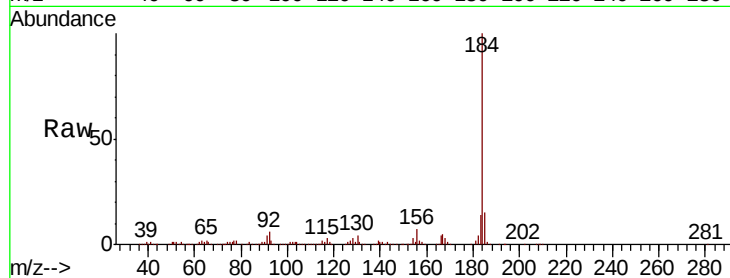
Tgt Ion:184 Resp: 687045

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.4

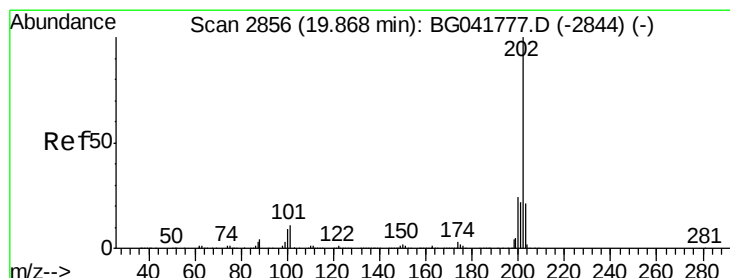
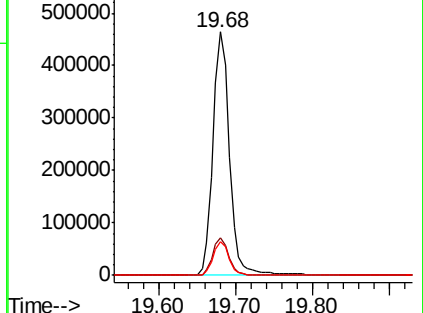
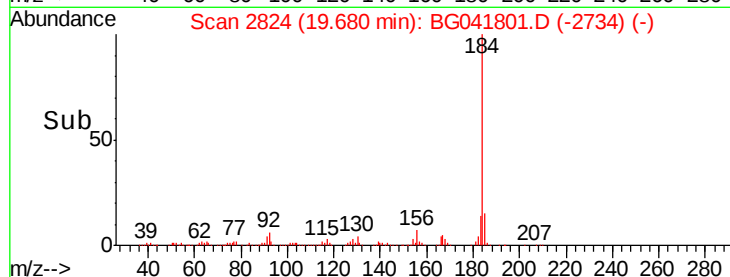
183 13.7 11.8 17.6



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: 43.319 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

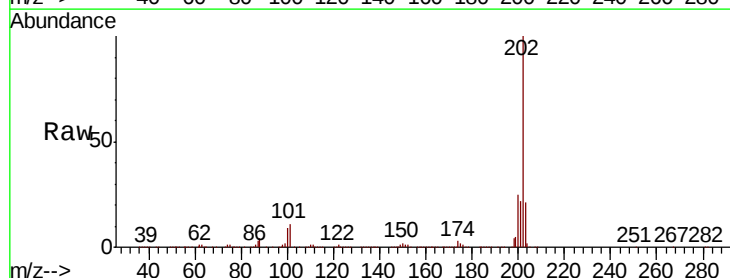
Tgt Ion:202 Resp: 1657670

Ion Ratio Lower Upper

202 100

200 24.8 22.2 33.2

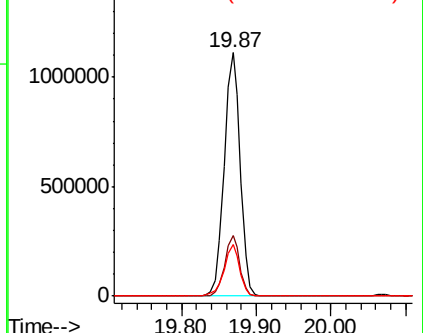
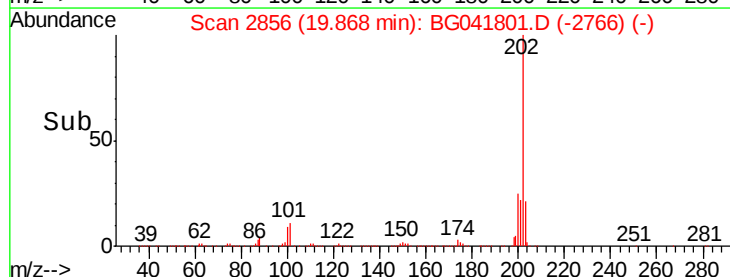
203 21.4 18.9 28.3

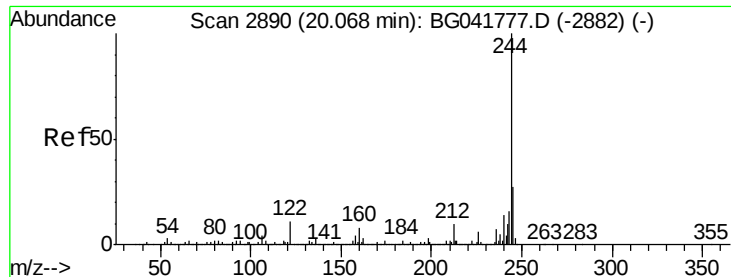


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.077 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

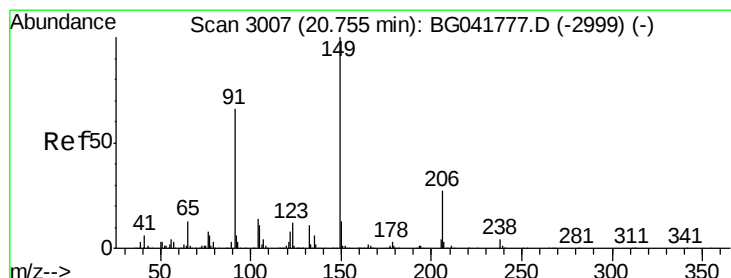
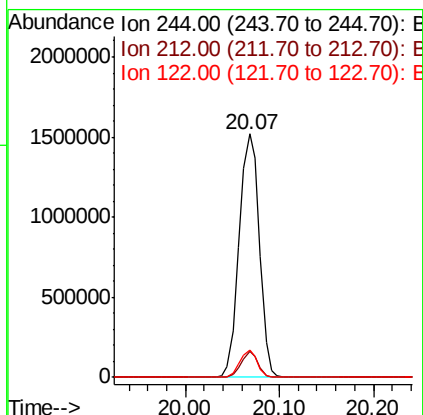
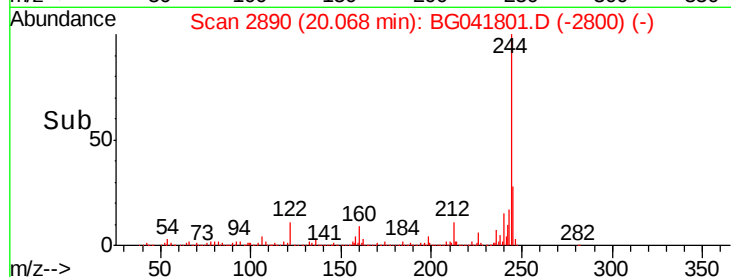
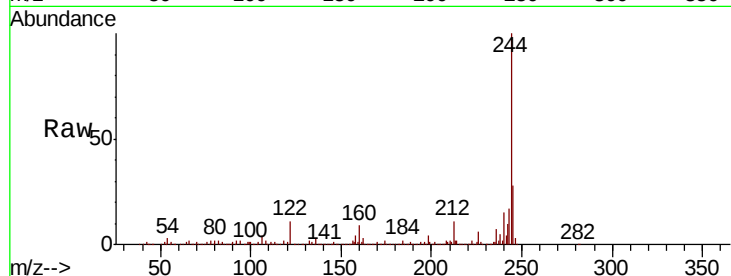
Tgt Ion:244 Resp: 2260174

Ion Ratio Lower Upper

244 100

212 10.6 9.7 14.5

122 11.0 12.5 18.7#



#80

Butylbenzylphthalate

Concen: 45.096 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

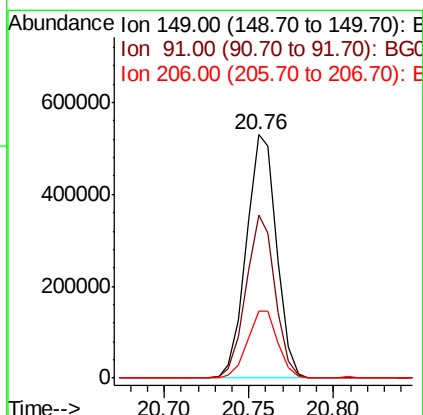
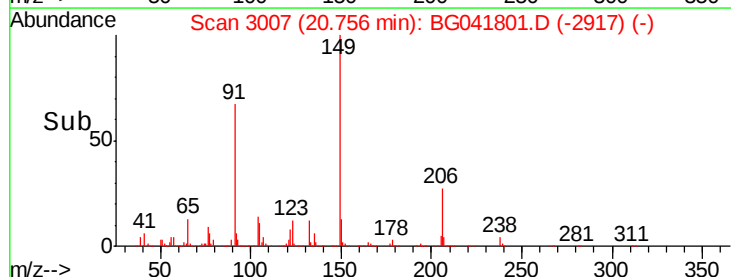
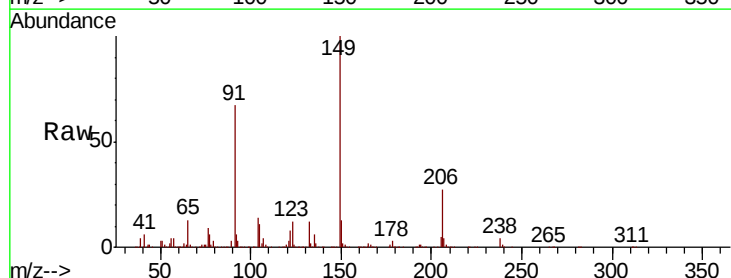
Tgt Ion:149 Resp: 661621

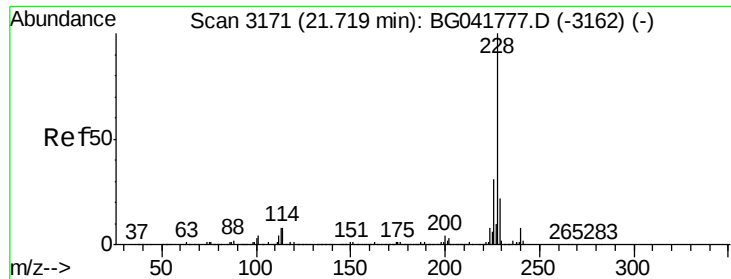
Ion Ratio Lower Upper

149 100

91 67.1 58.9 88.3

206 27.3 20.8 31.2





#81

Benzo(a)anthracene

Concen: 41.615 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

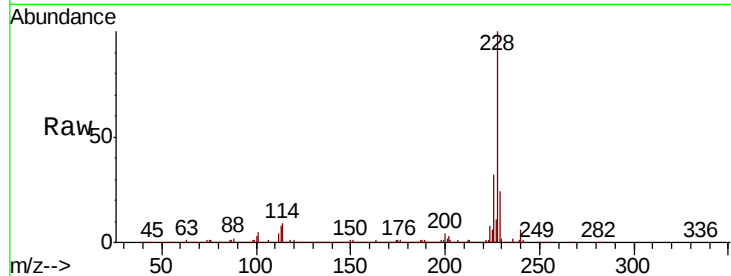
Tgt Ion:228 Resp: 1590202

Ion Ratio Lower Upper

228 100

226 31.7 27.3 40.9

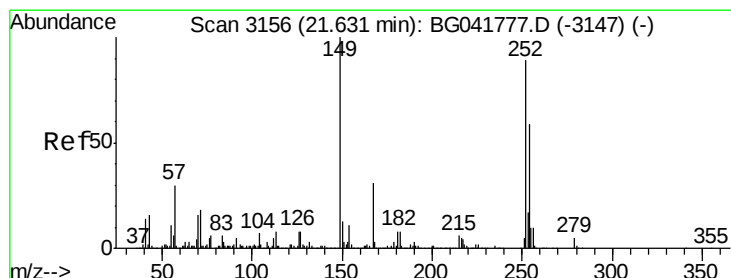
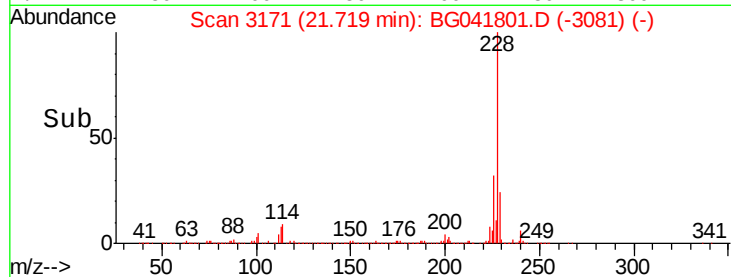
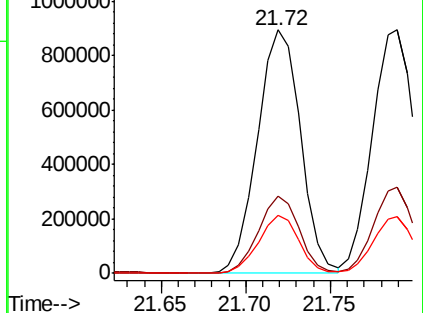
229 23.6 19.7 29.5



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: 35.053 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

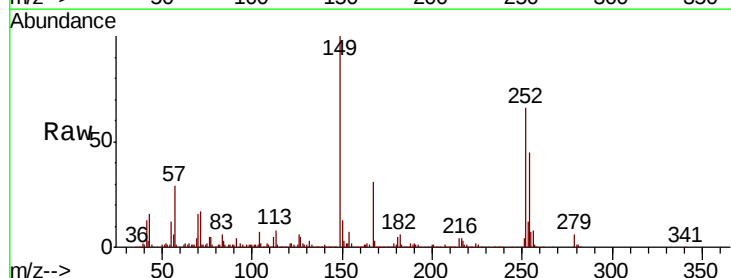
Tgt Ion:252 Resp: 537776

Ion Ratio Lower Upper

252 100

254 67.2 53.8 80.6

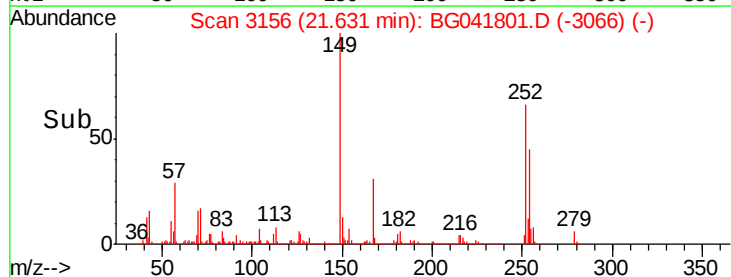
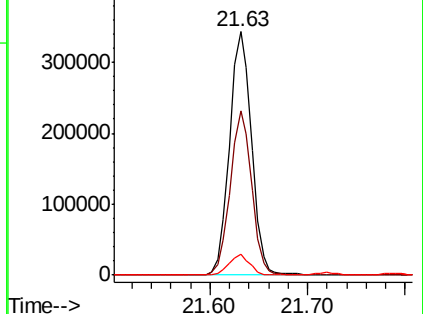
126 8.3 7.8 11.8

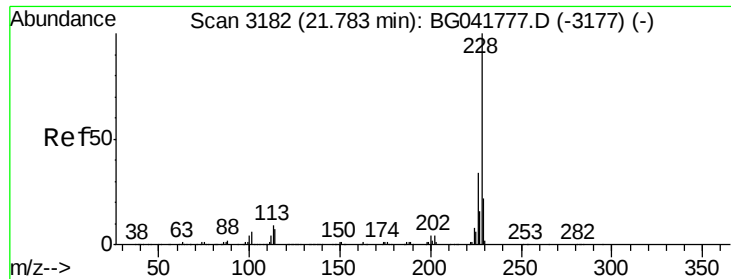


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.017 ng

RT: 21.79 min Scan# 3183

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

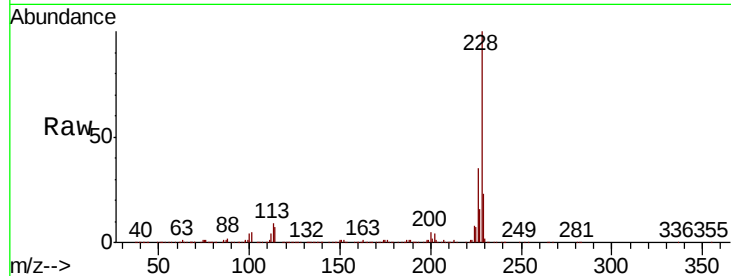
Tgt Ion:228 Resp: 1575671

Ion Ratio Lower Upper

228 100

226 35.3 30.1 45.1

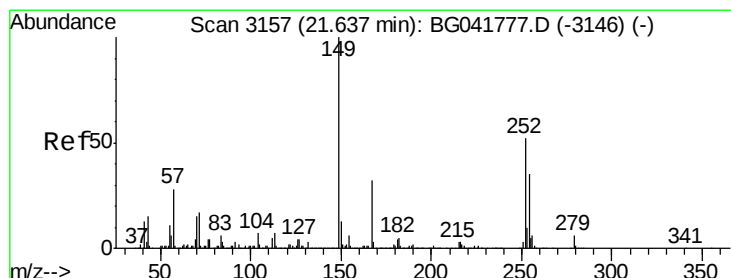
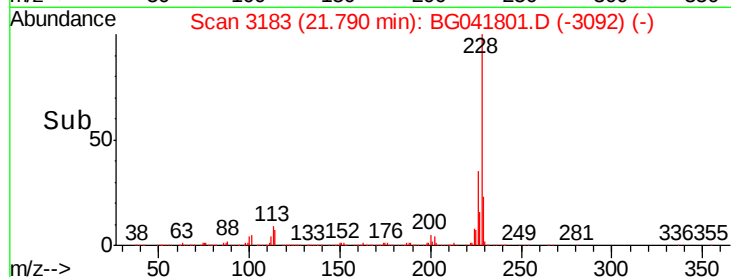
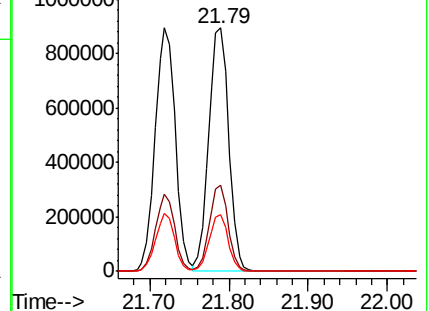
229 23.3 19.8 29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.807 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

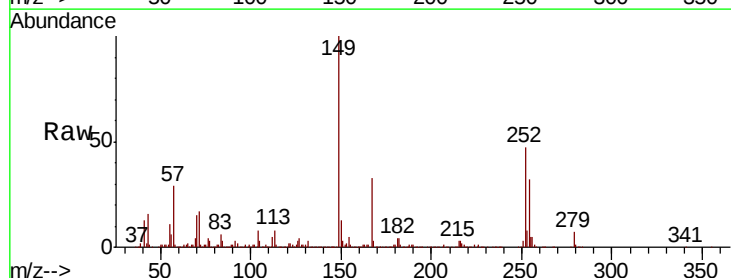
Tgt Ion:149 Resp: 906803

Ion Ratio Lower Upper

149 100

167 33.4 27.0 40.4

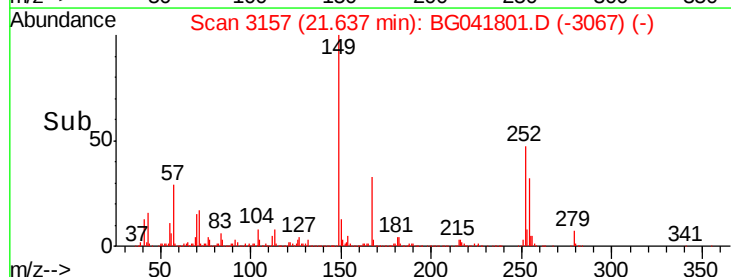
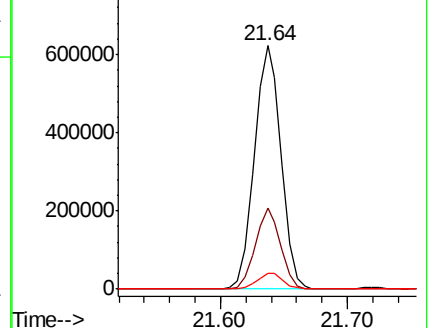
279 6.7 5.0 7.6

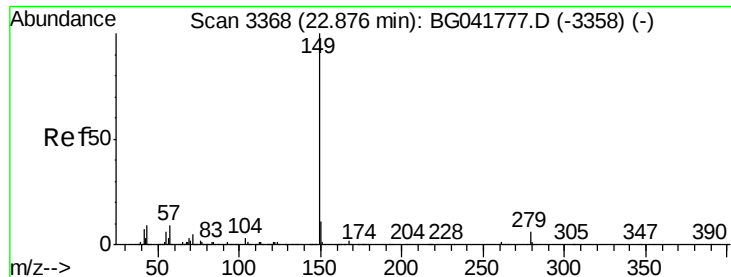


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.792 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

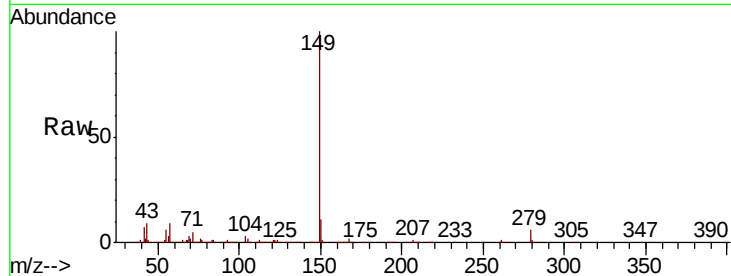
Tgt Ion:149 Resp: 1559646

Ion Ratio Lower Upper

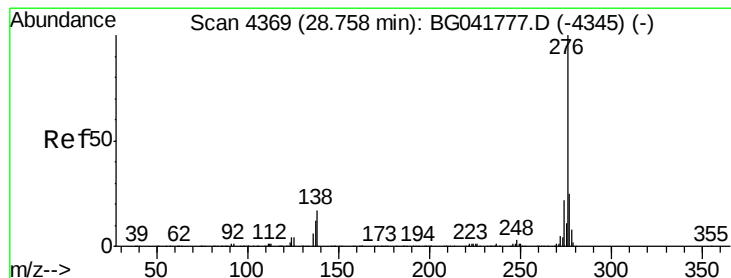
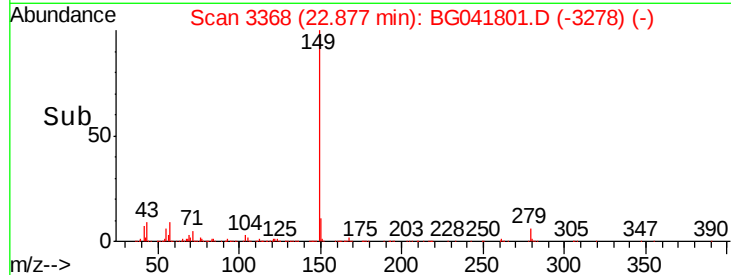
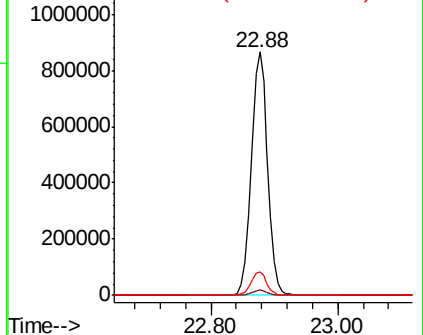
149 100

167 1.9 1.6 2.4

43 9.3 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: 42.943 ng

RT: 28.76 min Scan# 4369

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

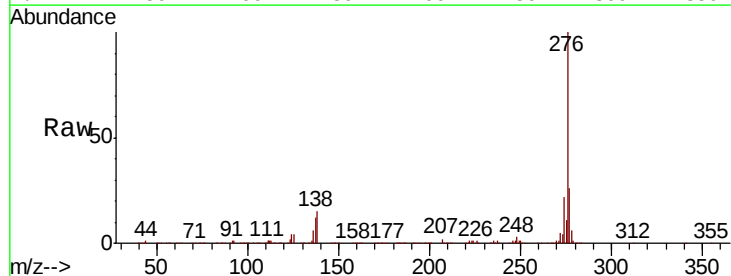
Tgt Ion:276 Resp: 2082218

Ion Ratio Lower Upper

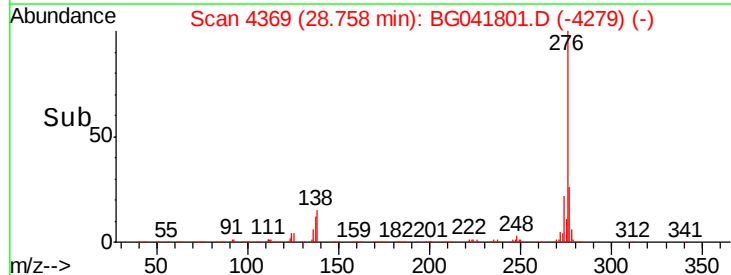
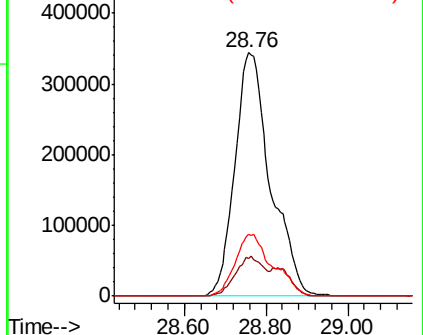
276 100

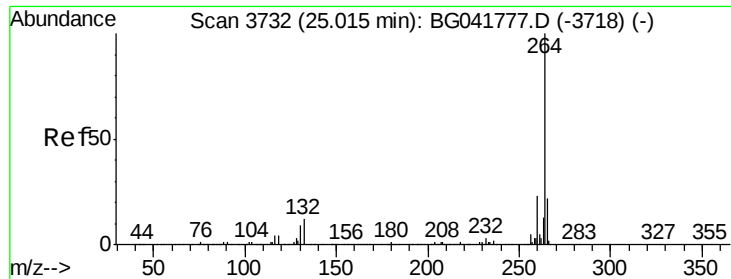
138 12.8 19.4 29.0#

277 26.6 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

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

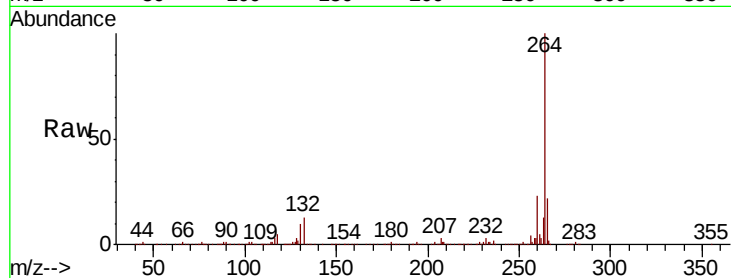
Tgt Ion:264 Resp: 733493

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

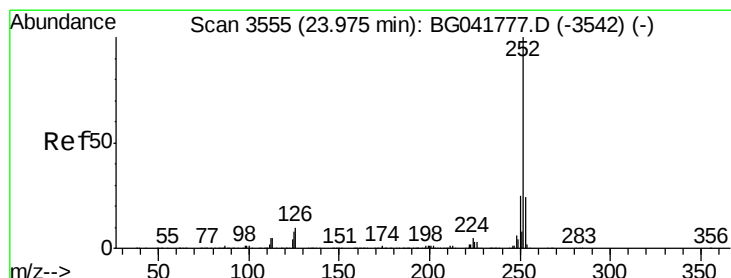
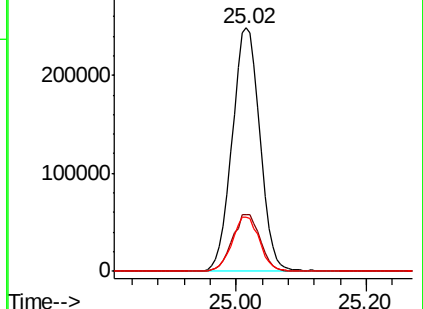
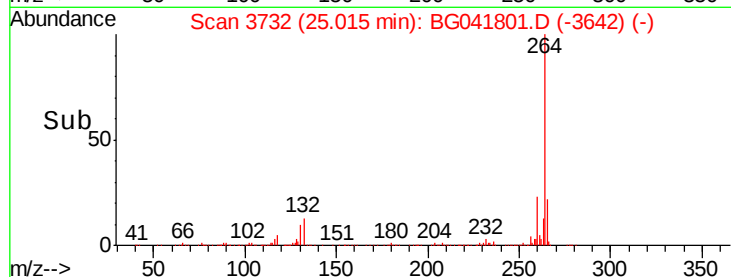
265 22.1 18.0 27.0



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: 44.642 ng

RT: 23.98 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

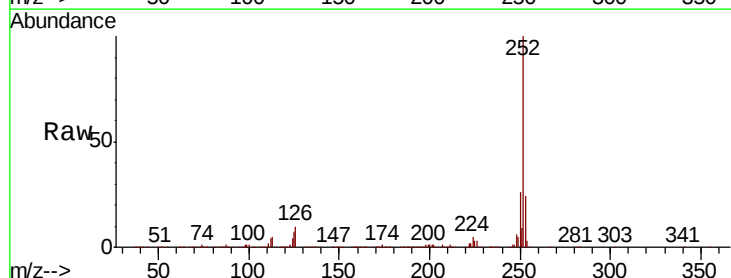
Tgt Ion:252 Resp: 1791267

Ion Ratio Lower Upper

252 100

253 24.3 20.6 30.8

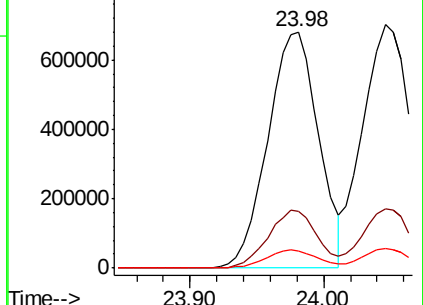
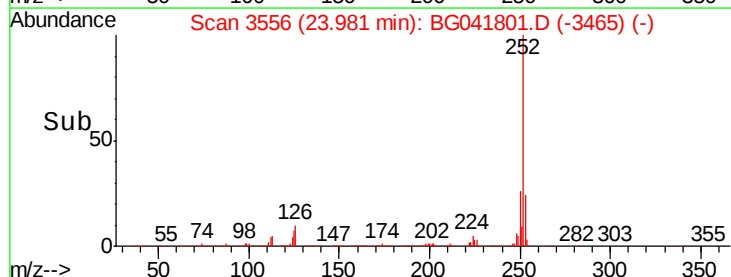
125 7.3 8.0 12.0#

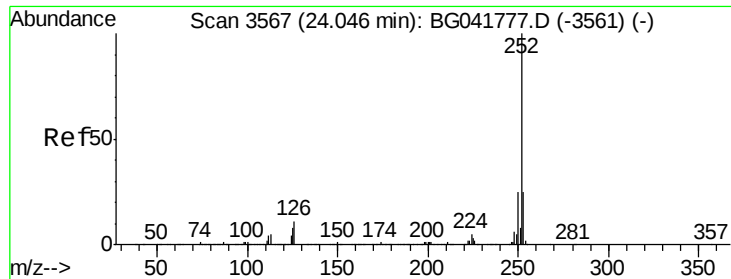


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.494 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

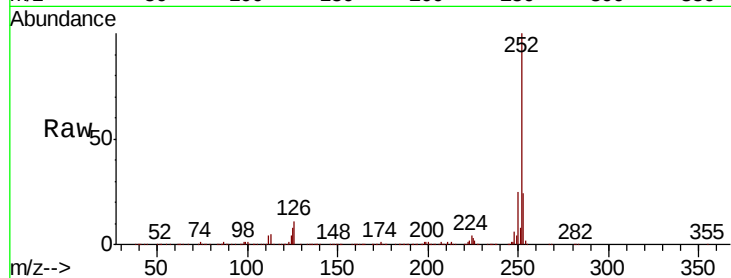
Tgt Ion:252 Resp: 1739104

Ion Ratio Lower Upper

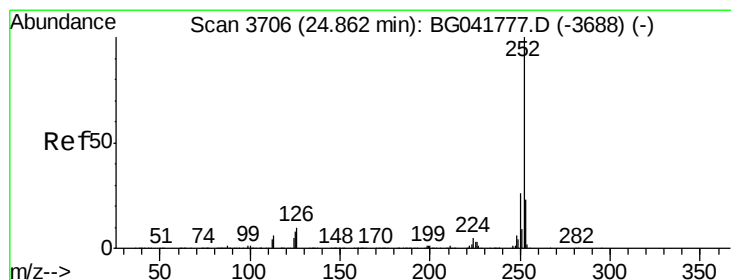
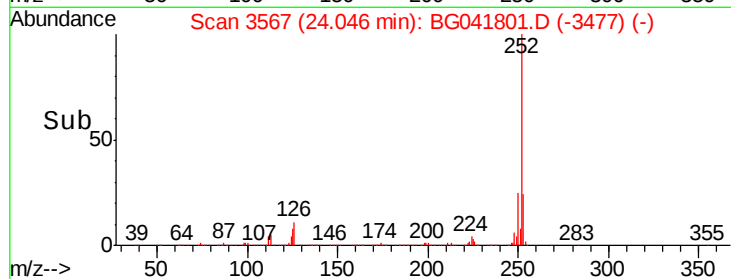
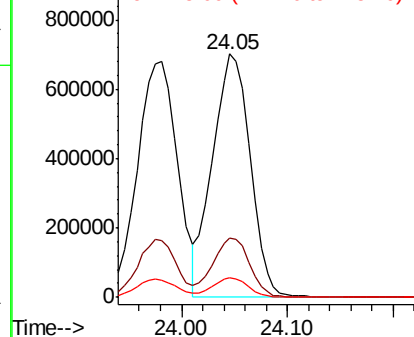
252 100

253 24.4 20.5 30.7

125 7.9 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: 46.007 ng

RT: 24.86 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

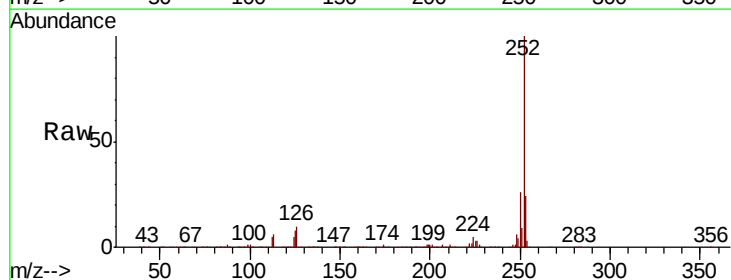
Tgt Ion:252 Resp: 1770484

Ion Ratio Lower Upper

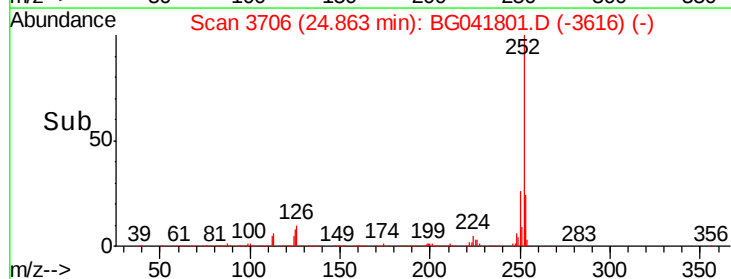
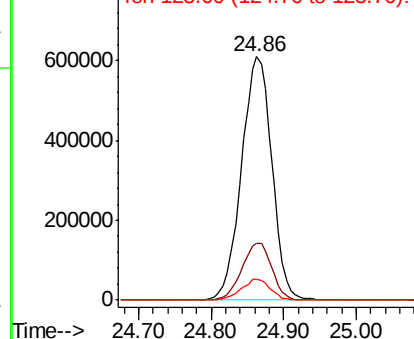
252 100

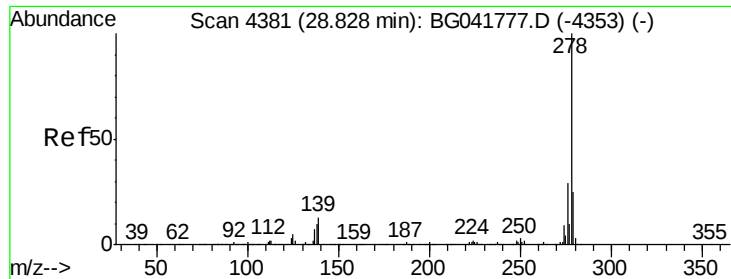
253 23.5 19.8 29.8

125 8.5 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: 45.254 ng

RT: 28.84 min Scan# 4383

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

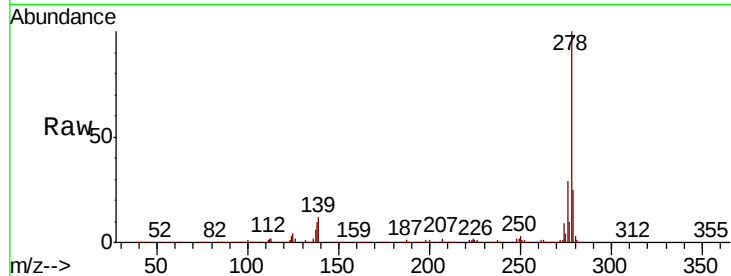
Tgt Ion:278 Resp: 1709999

Ion Ratio Lower Upper

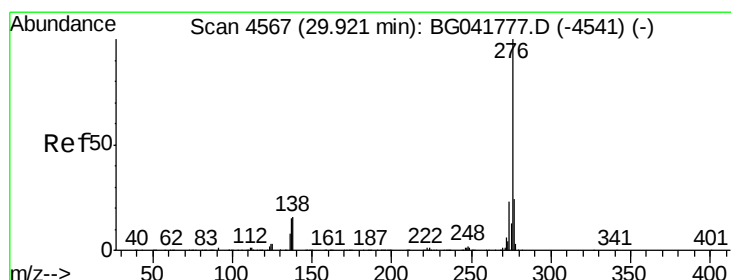
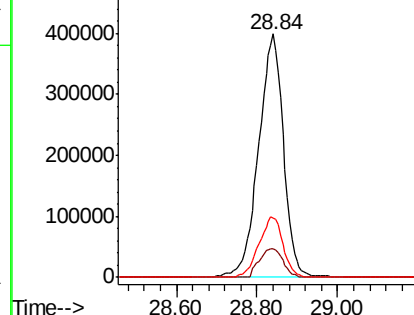
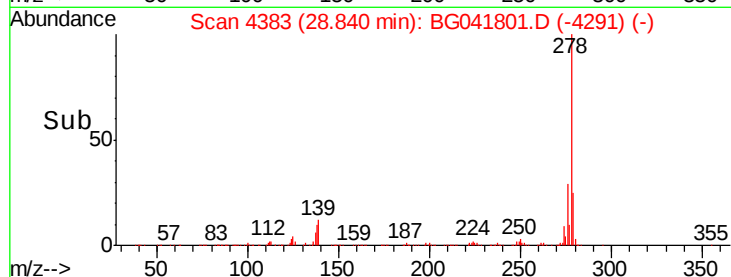
278 100

139 11.8 12.6 19.0#

279 24.5 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: 45.735 ng

RT: 29.94 min Scan# 4570

Delta R.T. 0.02 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

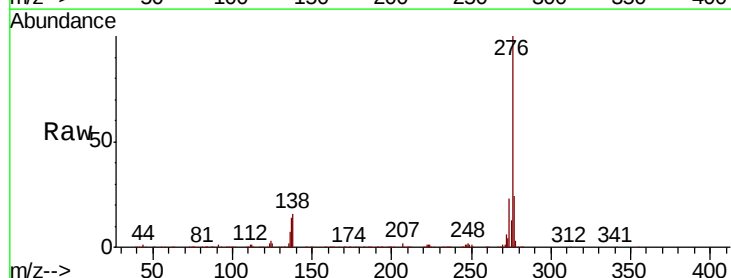
Tgt Ion:276 Resp: 1726580

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 15.6 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

