

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041688.D
 Acq On : 17 Jul 2019 14:07
 Operator : HP/JU
 Sample : PB121214BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Quant Time: Jul 18 07:08:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91205	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	365912	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	230613	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	560425	20.00	ng	0.00
76) Chrysene-d12	21.65	240	545811	20.00	ng	-0.01
87) Perylene-d12	24.85	264	565068	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	753244	135.01	ng	0.00
7) Phenol-d6	7.20	99	973229	129.69	ng	0.00
23) Nitrobenzene-d5	9.21	82	578005	96.07	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	391412	150.60	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1397005	93.80	ng	0.00
79) Terphenyl-d14	20.01	244	2107629	90.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	108393	40.906	ng	98
3) Pyridine	3.88	79	270536	38.248	ng	97
4) n-Nitrosodimethylamine	3.80	42	135512	41.486	ng	96
6) Aniline	7.37	93	333480	33.065	ng	98
8) 2-Chlorophenol	7.61	128	286457	45.353	ng	100
9) Benzaldehyde	7.17	77	209162	47.558	ng	97
10) Phenol	7.23	94	357711	45.244	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	268124	41.991	ng	97
12) 1,3-Dichlorobenzene	7.94	146	317739	42.160	ng	99
13) 1,4-Dichlorobenzene	8.08	146	320532	42.469	ng	98
14) 1,2-Dichlorobenzene	8.40	146	300643	42.250	ng	97
15) Benzyl Alcohol	8.28	79	257293	43.067	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	523512	39.566	ng	99
17) 2-Methylphenol	8.48	107	248503	45.450	ng	99
18) Hexachloroethane	9.14	117	114786	41.523	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	224069	40.852	ng	96
20) 3+4-Methylphenols	8.81	107	342014	45.646	ng	98
22) Acetophenone	8.87	105	406579	45.622	ng	# 98
24) Nitrobenzene	9.25	77	309670	47.180	ng	97
25) Isophorone	9.77	82	582856	44.239	ng	98
26) 2-Nitrophenol	9.96	139	150449	49.775	ng	100
27) 2,4-Dimethylphenol	10.02	122	282825	54.255	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	362086	44.590	ng	99
29) 2,4-Dichlorophenol	10.49	162	299232	50.347	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	310206	44.452	ng	99
31) Naphthalene	10.91	128	832169	46.195	ng	98
32) Benzoic acid	10.14	122	188262	47.626	ng	99
33) 4-Chloroaniline	11.00	127	228551	27.505	ng	99
34) Hexachlorobutadiene	11.20	225	199122	44.395	ng	99
35) Caprolactam	11.76	113	52849	24.192	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	304186	48.854	ng	100
37) 2-Methylnaphthalene	12.50	142	641069	46.579	ng	99
38) 1-Methylnaphthalene	12.72	142	599984	45.726	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	361412	45.752	ng	99

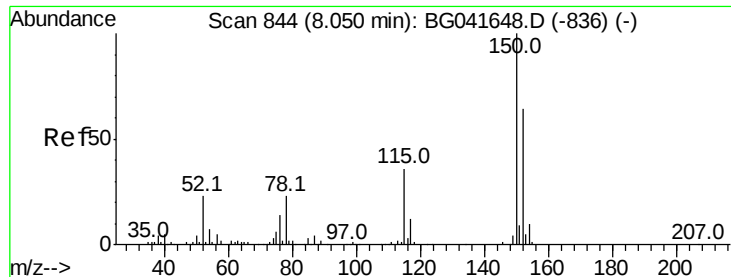
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	405333	90.709	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	255750	49.828	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	274325	50.727	ng	98
46) 1,1'-Biphenyl	13.51	154	805986	46.650	ng	98
47) 2-Chloronaphthalene	13.55	162	648674	45.050	ng	98
48) 2-Nitroaniline	13.74	65	206648	49.291	ng	99
49) Acenaphthylene	14.39	152	1039611	46.249	ng	99
50) Dimethylphthalate	14.12	163	841742	46.474	ng	99
51) 2,6-Dinitrotoluene	14.23	165	197771	51.479	ng	93
52) Acenaphthene	14.73	154	722245	50.986	ng	98
53) 3-Nitroaniline	14.55	138	141590	33.762	ng	96
54) 2,4-Dinitrophenol	14.76	184	208338	104.664	ng	95
55) Dibenzofuran	15.06	168	991729	46.655	ng	98
56) 4-Nitrophenol	14.86	139	385138	113.430	ng	95
57) 2,4-Dinitrotoluene	15.01	165	270165	53.199	ng	98
58) Fluorene	15.71	166	800725	46.295	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	260446	52.168	ng	99
60) Diethylphthalate	15.48	149	847820	46.465	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	455754	46.615	ng	99
62) 4-Nitroaniline	15.72	138	213765	48.061	ng	99
63) Azobenzene	15.99	77	760167	46.081	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	144007	53.277	ng	98
66) n-Nitrosodiphenylamine	15.91	169	753823	45.804	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	301520	45.217	ng	98
68) Hexachlorobenzene	16.72	284	299051	44.535	ng	97
69) Atrazine	16.86	200	287862	48.198	ng	98
70) Pentachlorophenol	17.05	266	426372	101.551	ng	99
71) Phenanthrene	17.44	178	1311256	46.460	ng	97
72) Anthracene	17.54	178	1338837	47.590	ng	97
73) Carbazole	17.80	167	1232003	47.219	ng	97
74) Di-n-butylphthalate	18.37	149	1447445	45.485	ng	97
75) Fluoranthene	19.45	202	1607236	46.378	ng	96
77) Benzidine	19.62	184	821634	43.757	ng	99
78) Pyrene	19.81	202	1598416	43.300	ng	96
80) Butylbenzylphthalate	20.69	149	694816	45.295	ng	96
81) Benzo(a)anthracene	21.63	228	1578466	44.760	ng	97
82) 3,3'-Dichlorobenzidine	21.55	252	514439	37.071	ng	99
83) Chrysene	21.70	228	1521994	45.167	ng	96
84) Bis(2-ethylhexyl)phthalate	21.56	149	974601	44.999	ng	97
85) Di-n-octyl phthalate	22.77	149	1685749	45.704	ng	97
86) Indeno(1,2,3-cd)pyrene	28.49	276	1988059	44.713	ng	# 92
88) Benzo(b)fluoranthene	23.84	252	1741632	50.813	ng	99
89) Benzo(k)fluoranthene	23.91	252	1660754	52.291	ng	98
90) Benzo(a)pyrene	24.70	252	1706034	52.608	ng	98
91) Dibenzo(a,h)anthracene	28.56	278	1631143	51.876	ng	98
92) Benzo(g,h,i)perylene	29.63	276	1635782	51.913	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

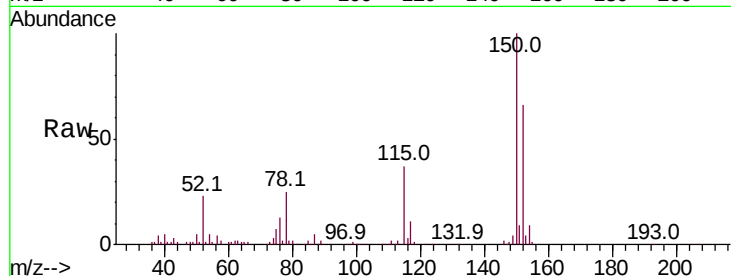
Tot Ion:152 Resp: 91205

Ion Ratio Lower Upper

152 100

150 152.4 126.9 190.3

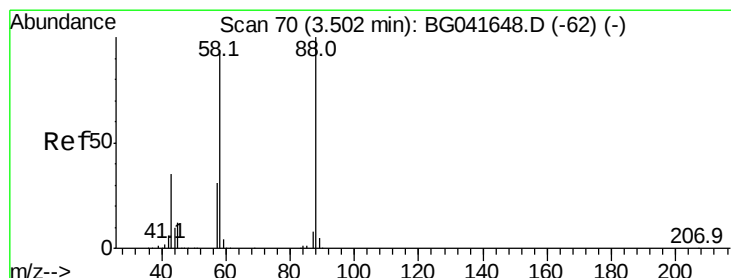
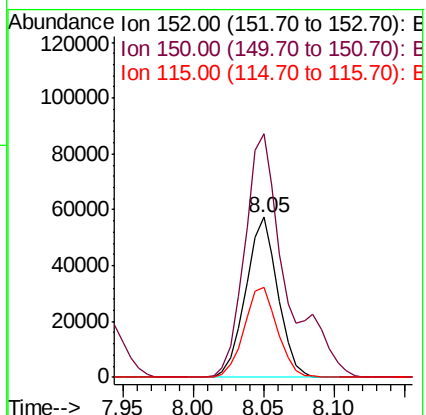
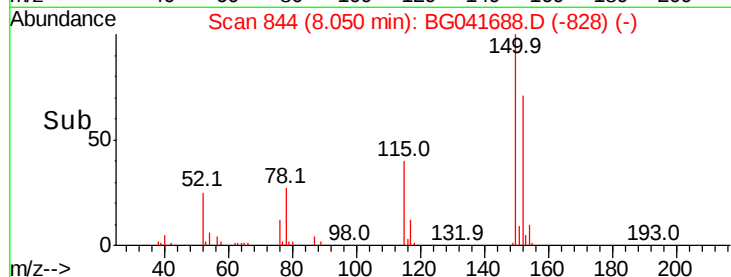
115 56.7 45.0 67.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.906 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

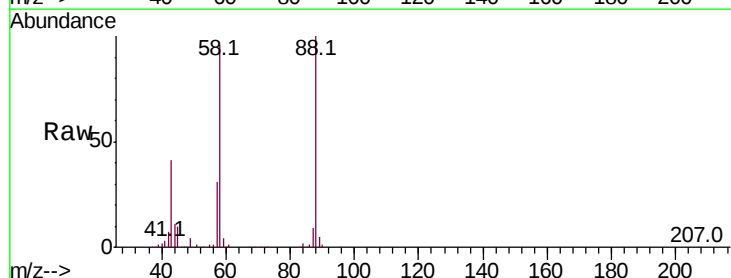
Tgt Ion: 88 Resp: 108393

Ion Ratio Lower Upper

88 100

58 93.8 76.2 114.2

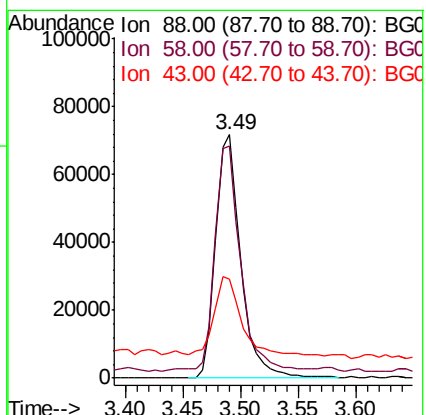
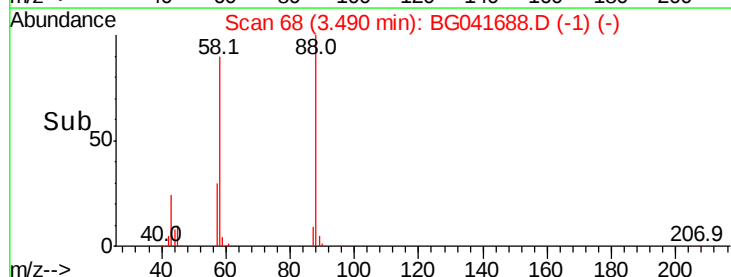
43 35.6 27.2 40.8

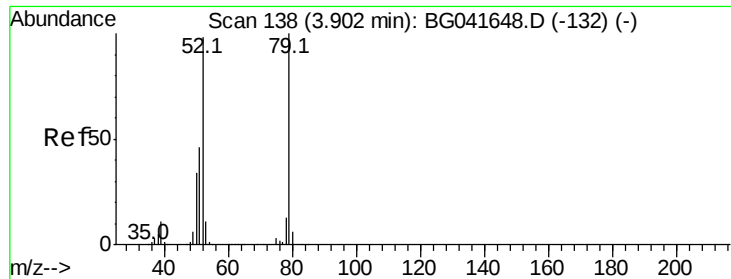


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.248 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

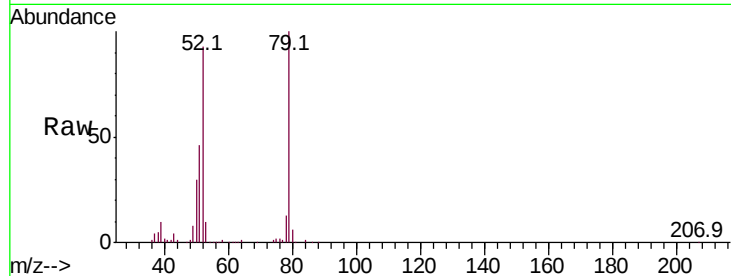
Tot Ion: 79 Resp: 270536

Ion Ratio Lower Upper

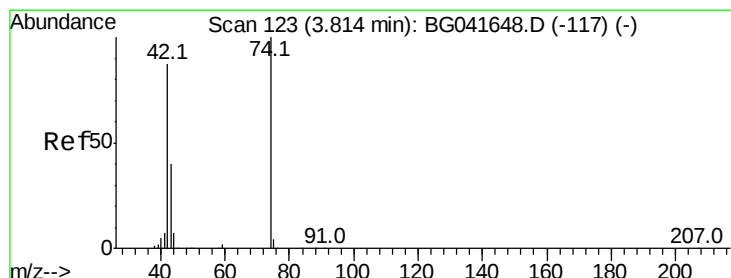
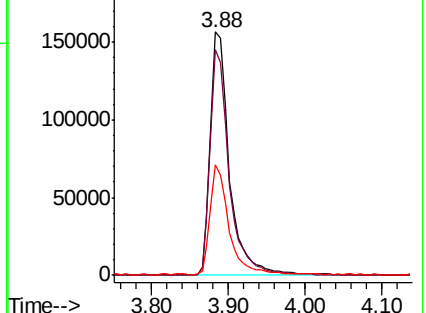
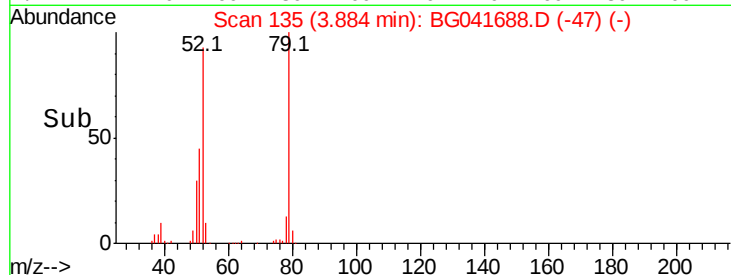
79 100

52 92.8 77.1 115.7

51 45.6 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 41.486 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

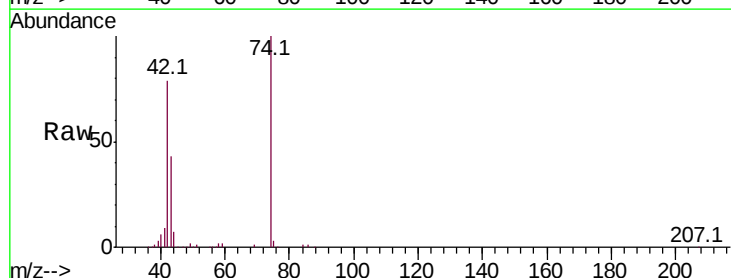
Tgt Ion: 42 Resp: 135512

Ion Ratio Lower Upper

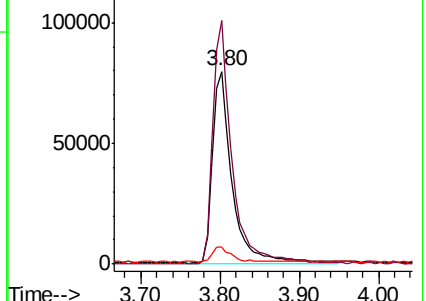
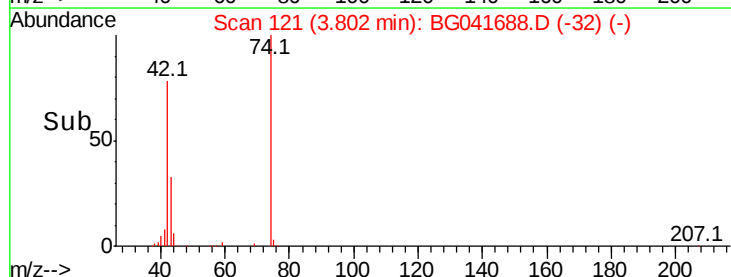
42 100

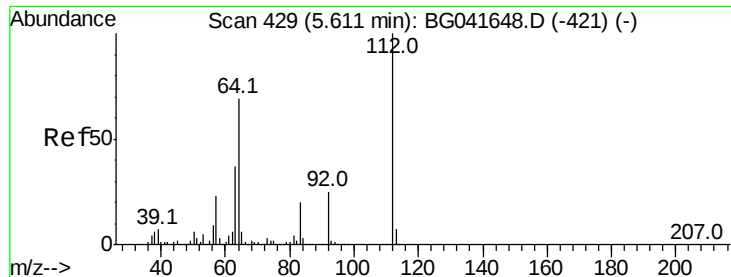
74 126.3 97.4 146.2

44 8.9 6.6 9.8



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





#5

2-Fluorophenol

Concen: 135.011 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

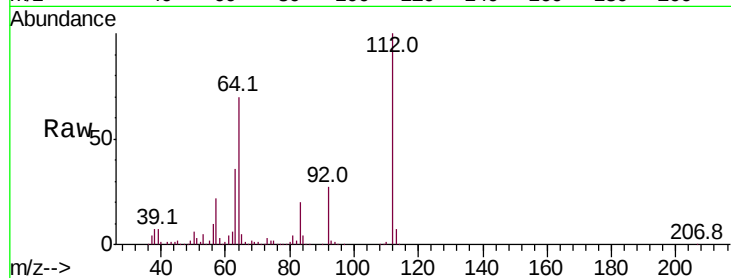
Tot Ion:112 Resp: 753244

Ion Ratio Lower Upper

112 100

64 69.6 55.4 83.2

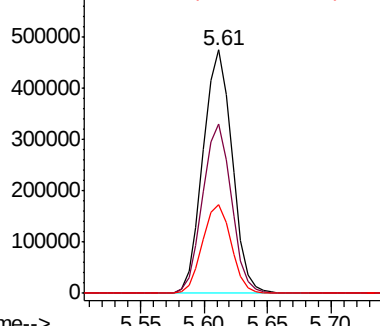
63 36.3 29.1 43.7



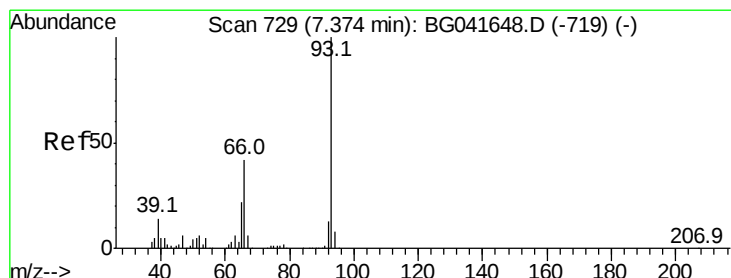
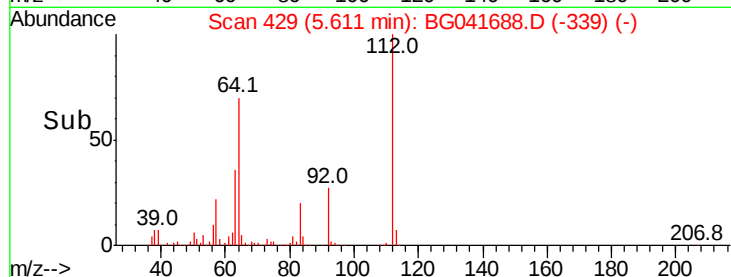
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 33.065 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

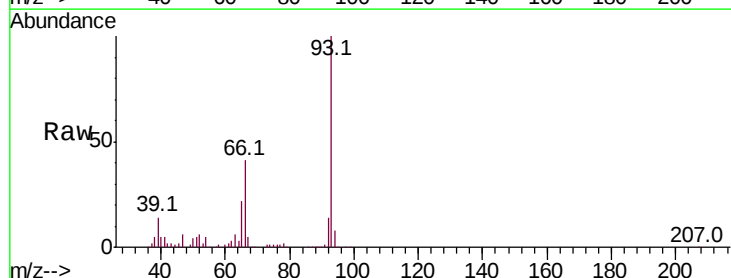
Tgt Ion: 93 Resp: 333480

Ion Ratio Lower Upper

93 100

66 41.2 34.2 51.2

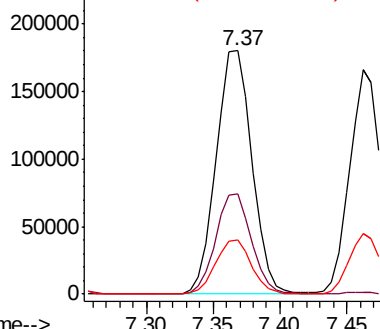
65 22.5 18.2 27.2



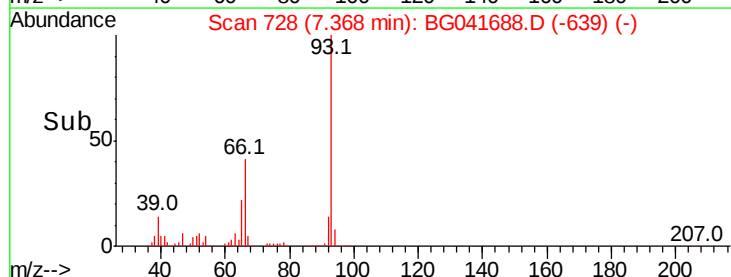
Abundance Ion 93.00 (92.70 to 93.70): BGC

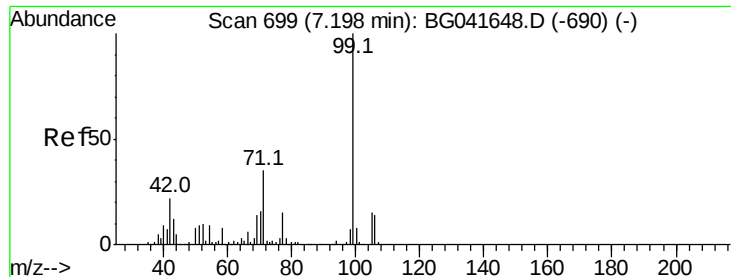
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 129.691 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

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PB121214BSD

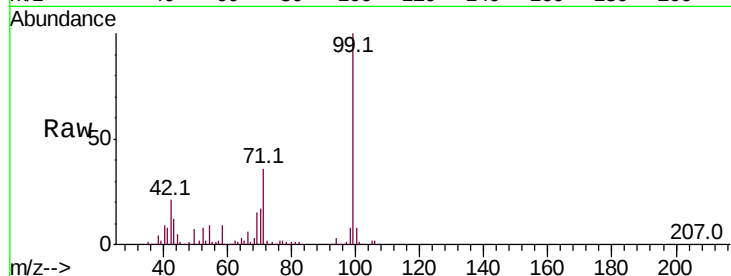
Tot Ion: 99 Resp: 973229

Ion Ratio Lower Upper

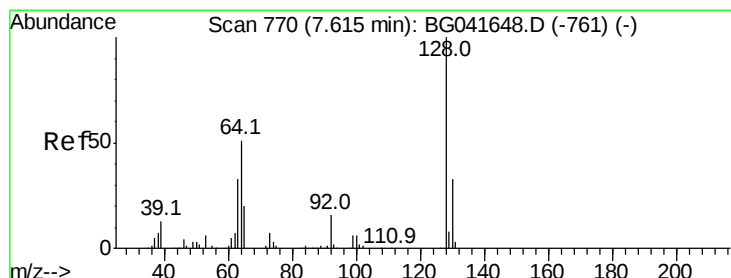
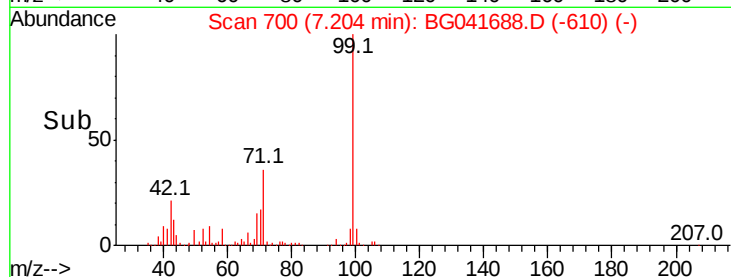
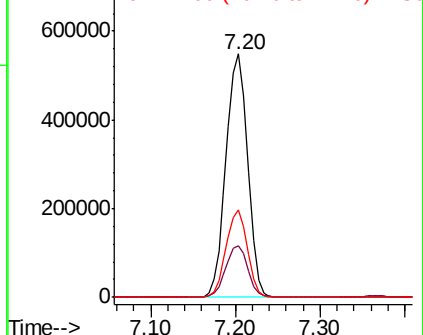
99 100

42 21.0 17.6 26.4

71 35.8 27.8 41.6



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



#8

2-Chlorophenol

Concen: 45.353 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

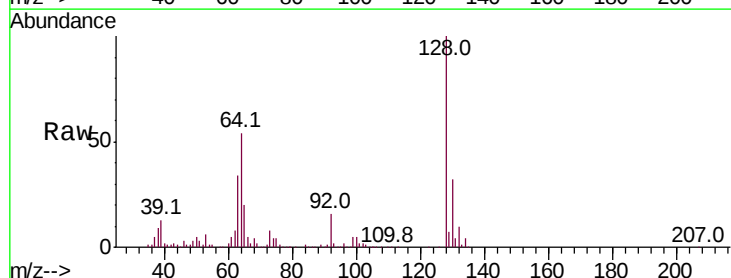
Tgt Ion: 128 Resp: 286457

Ion Ratio Lower Upper

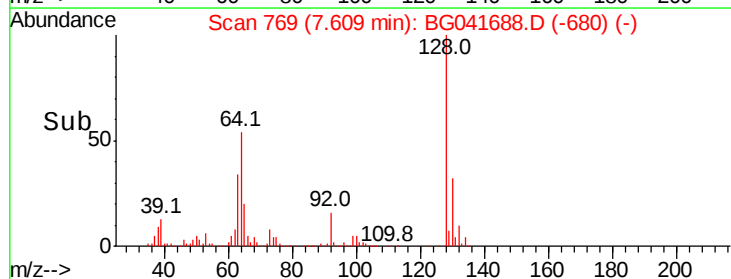
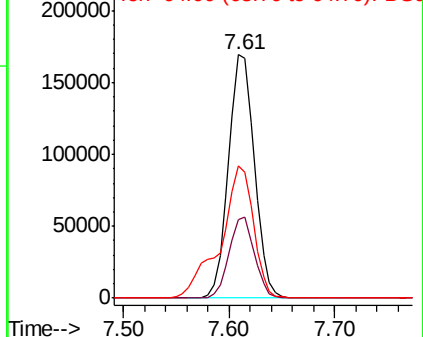
128 100

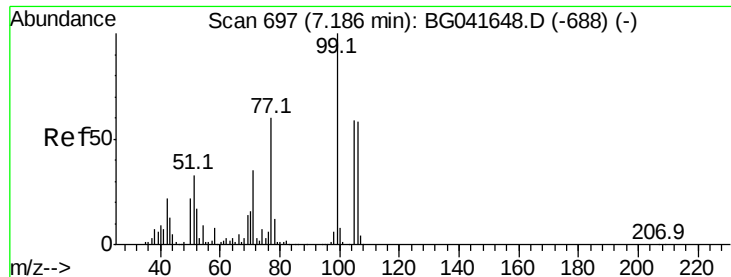
130 32.5 12.4 52.4

64 54.5 34.9 74.9



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





#9

Benzaldehyde

Concen: 47.558 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

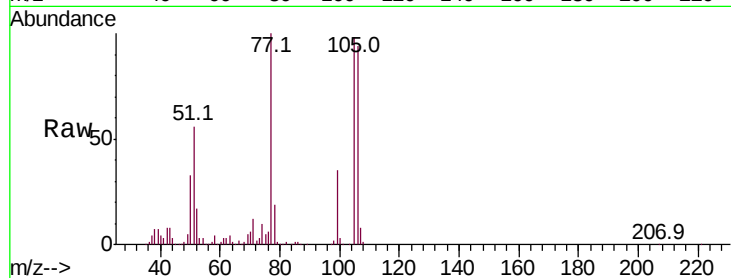
Tot Ion: 77 Resp: 209162

Ion Ratio Lower Upper

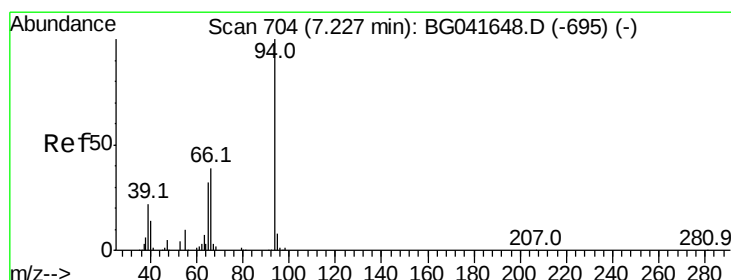
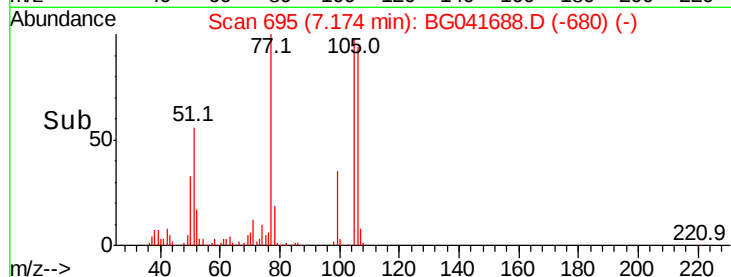
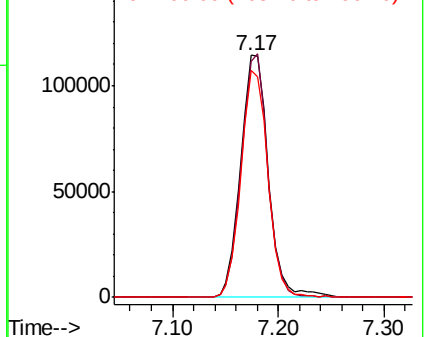
77 100

105 97.6 74.6 114.6

106 94.0 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: 45.244 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

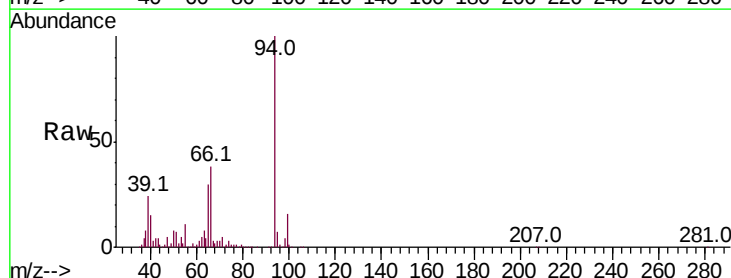
Tgt Ion: 94 Resp: 357711

Ion Ratio Lower Upper

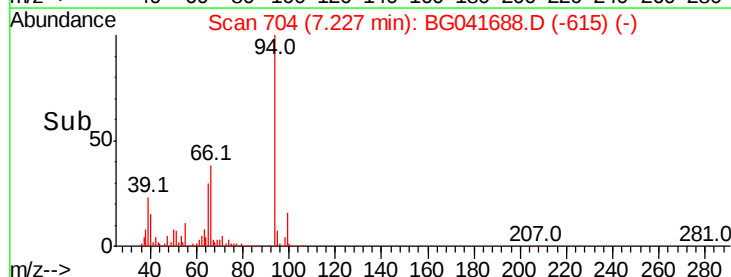
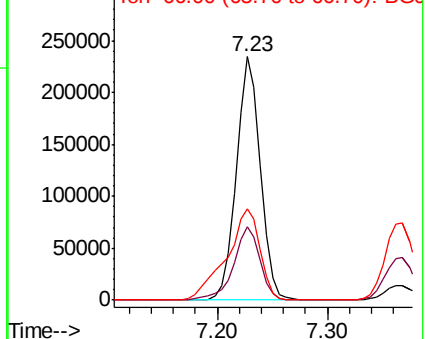
94 100

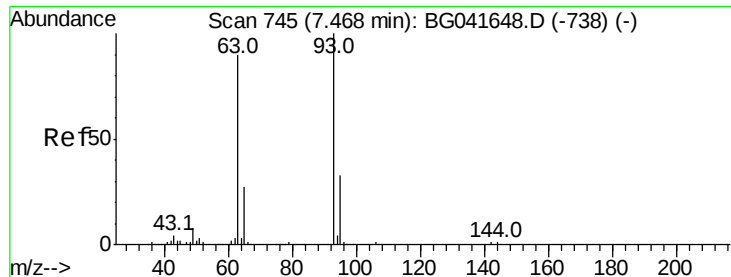
65 30.3 10.6 50.6

66 37.7 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: 41.991 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

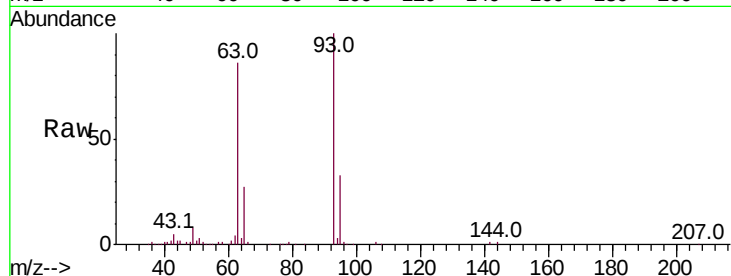
Tot Ion: 93 Resp: 268124

Ion Ratio Lower Upper

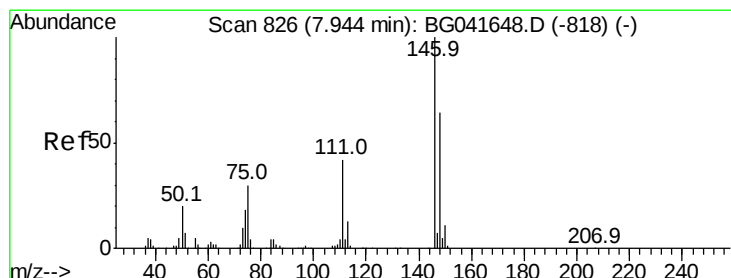
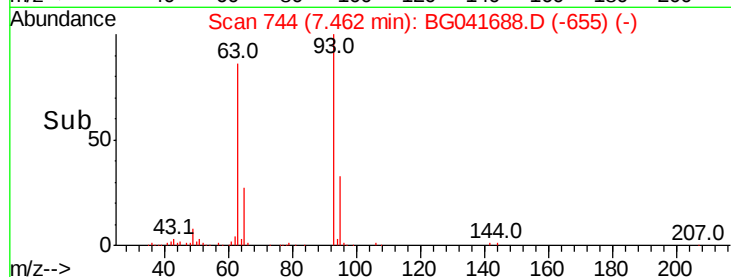
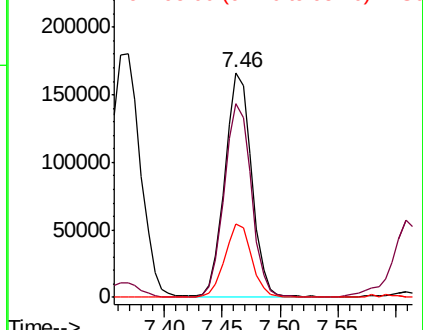
93 100

63 86.1 70.4 110.4

95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.160 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

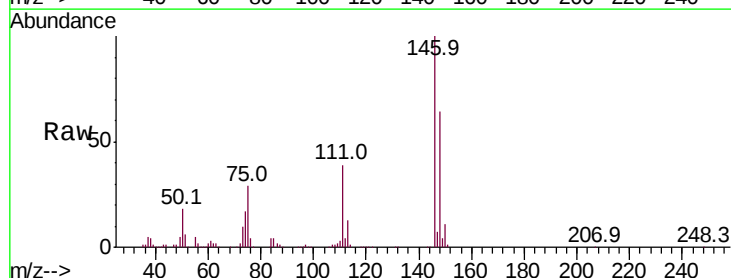
Tgt Ion: 146 Resp: 317739

Ion Ratio Lower Upper

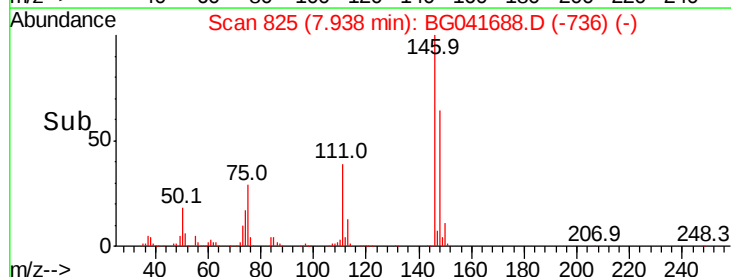
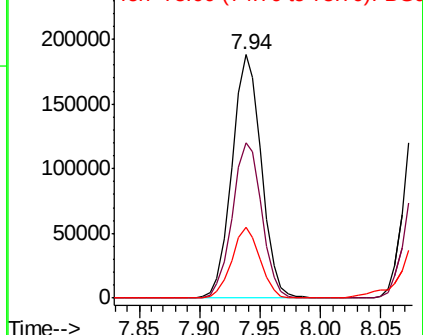
146 100

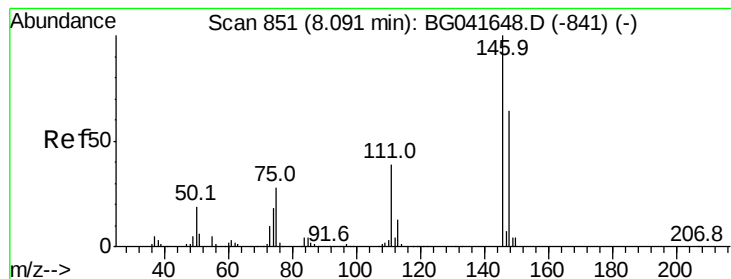
148 63.7 51.5 77.3

75 28.8 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 42.469 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

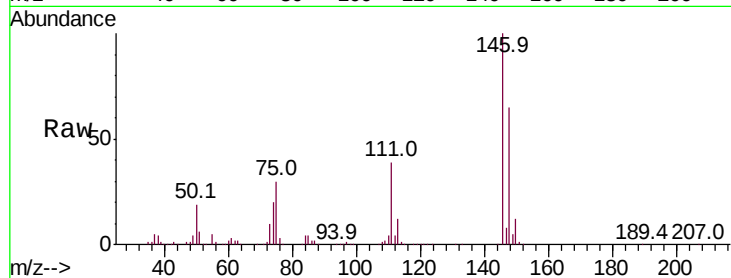
Tot Ion:146 Resp: 320532

Ion Ratio Lower Upper

146 100

148 64.8 52.6 79.0

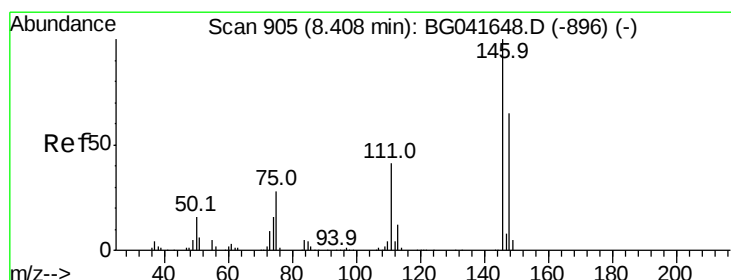
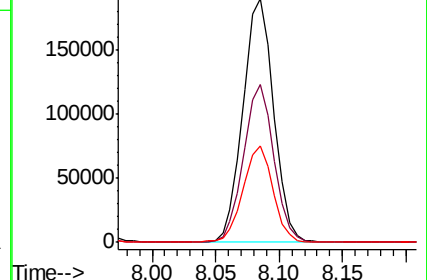
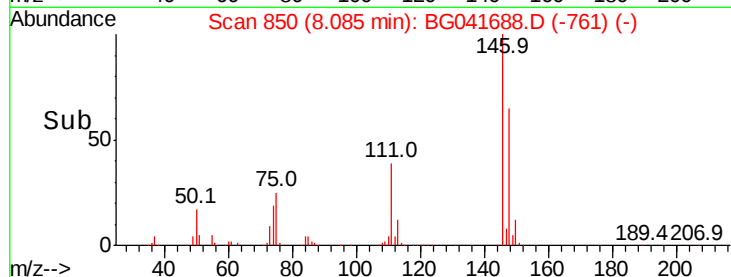
111 39.4 32.5 48.7



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: 42.250 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

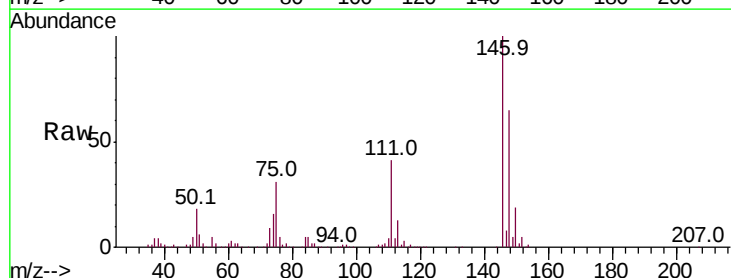
Tgt Ion:146 Resp: 300643

Ion Ratio Lower Upper

146 100

148 65.0 53.5 80.3

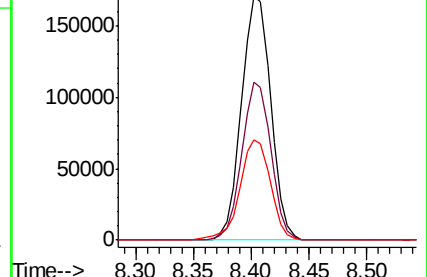
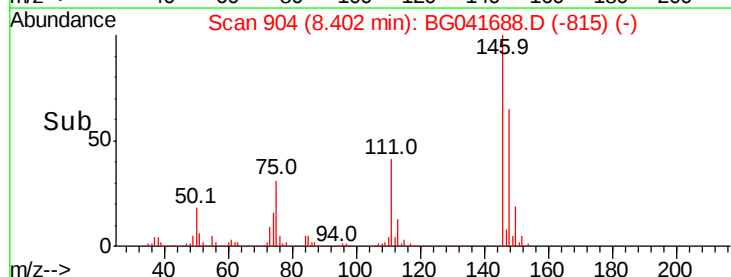
111 40.9 35.4 53.0

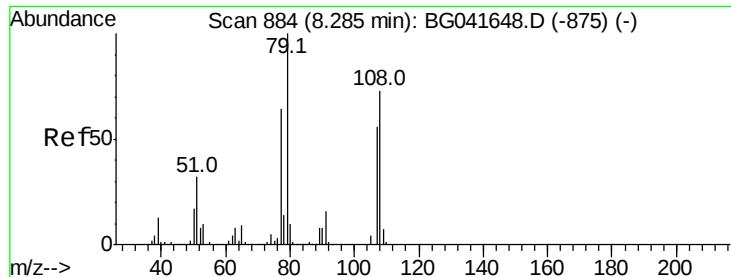


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.067 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

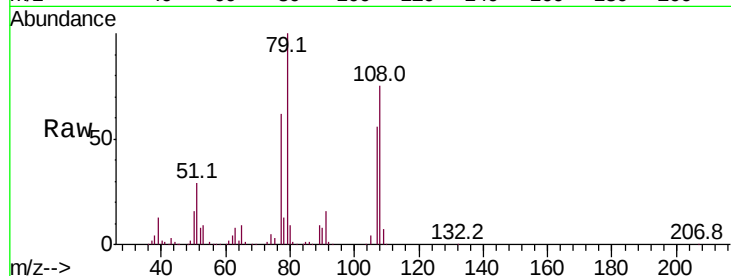
Tot Ion: 79 Resp: 257293

Ion Ratio Lower Upper

79 100

108 75.4 60.5 90.7

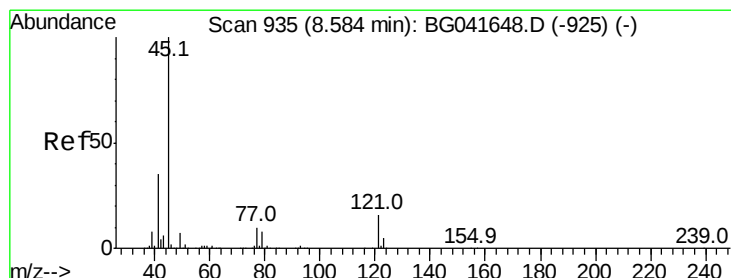
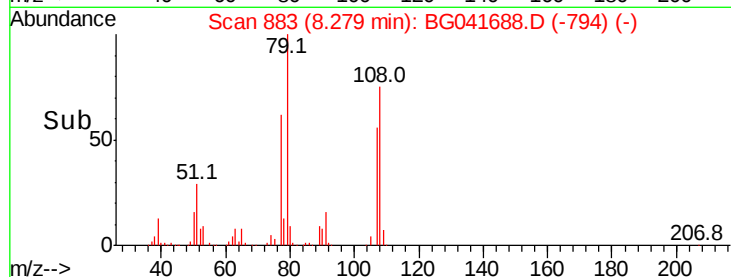
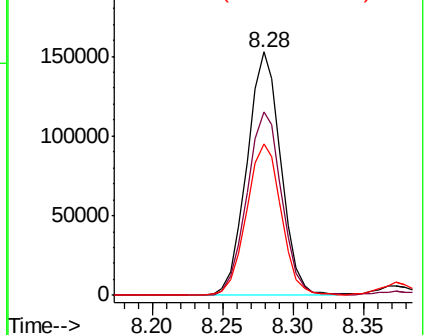
77 62.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.566 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

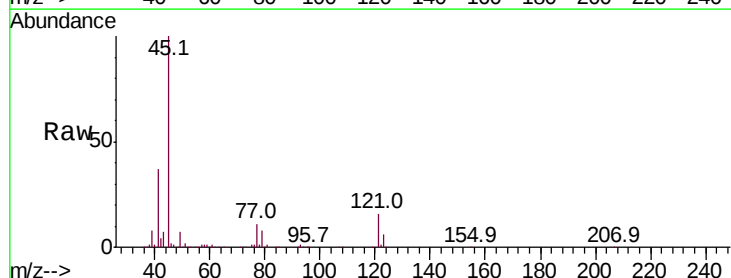
Tgt Ion: 45 Resp: 523512

Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.4

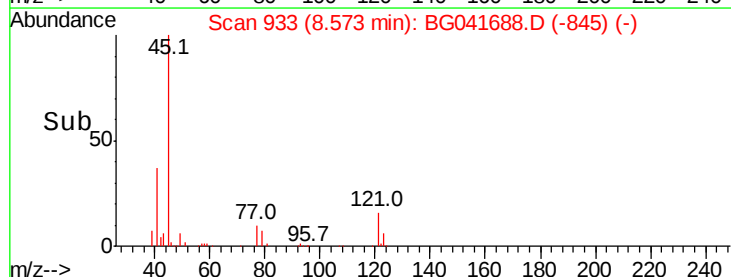
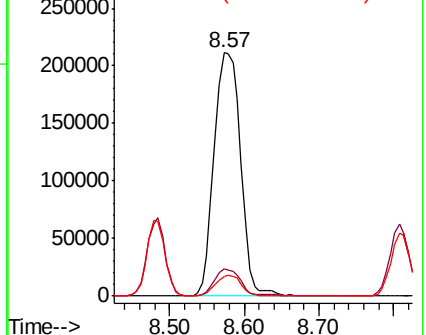
79 8.0 0.0 27.9

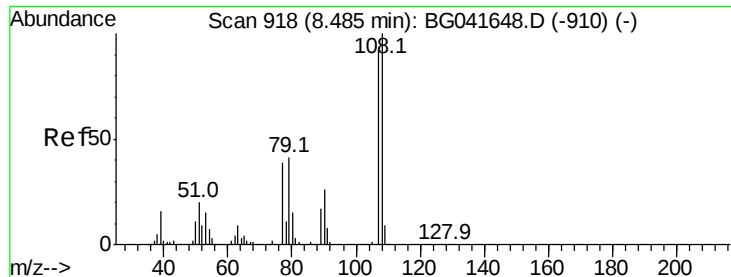


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 45.450 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

Tot Ion:107 Resp: 248503

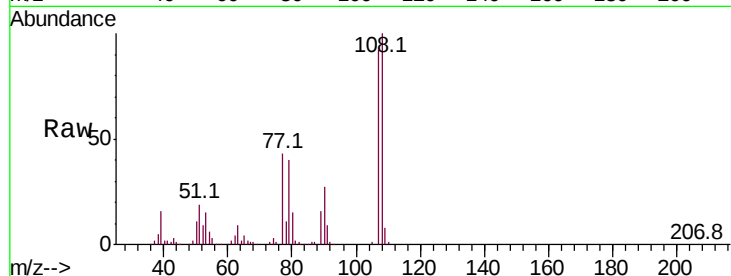
Ion Ratio Lower Upper

107 100

108 109.3 87.6 131.4

77 46.9 36.1 54.1

79 44.1 36.4 54.6

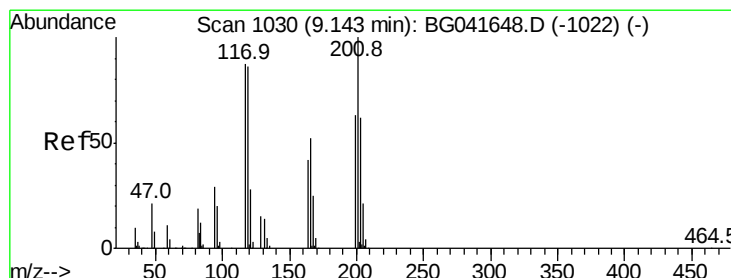
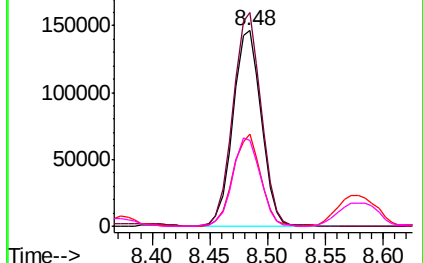
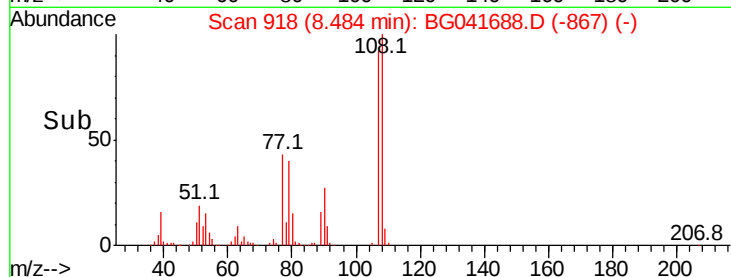


Abundance Ion 107.00 (106.70 to 107.70): E

250000 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: 41.523 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

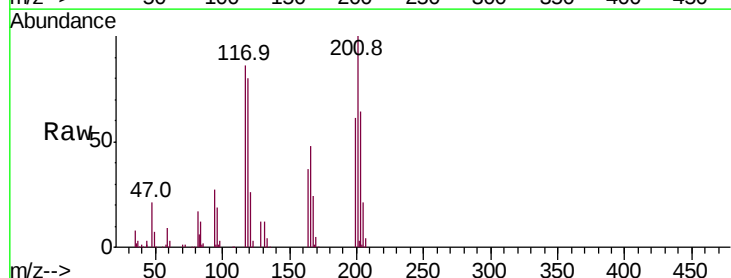
Tgt Ion:117 Resp: 114786

Ion Ratio Lower Upper

117 100

119 93.4 76.2 114.2

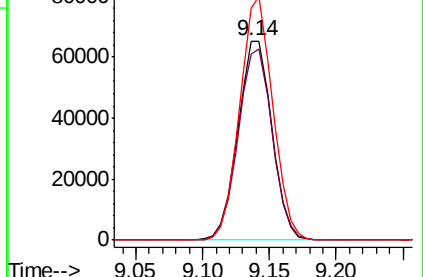
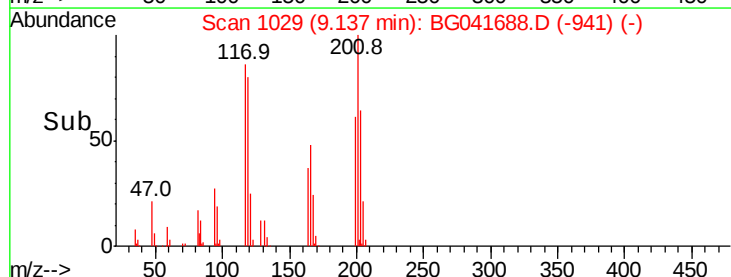
201 116.5 94.1 141.1

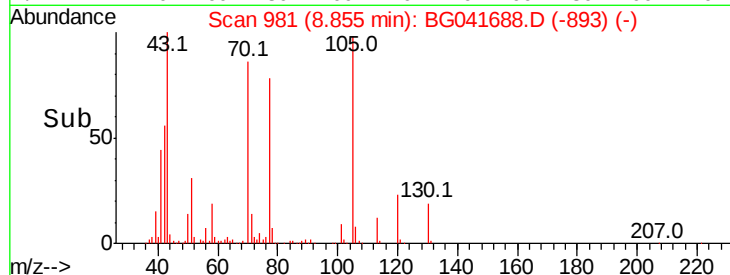
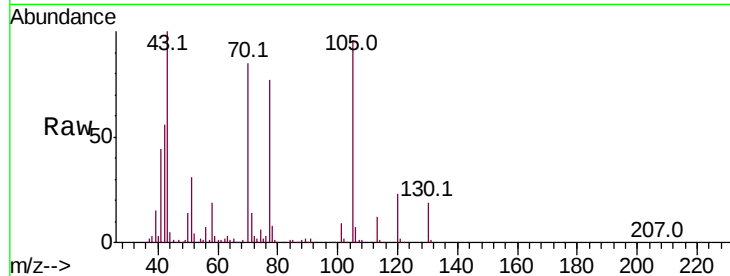
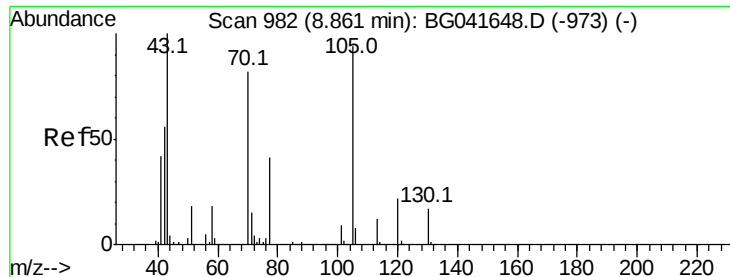


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

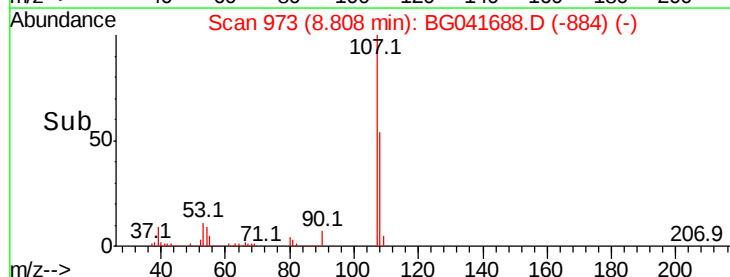
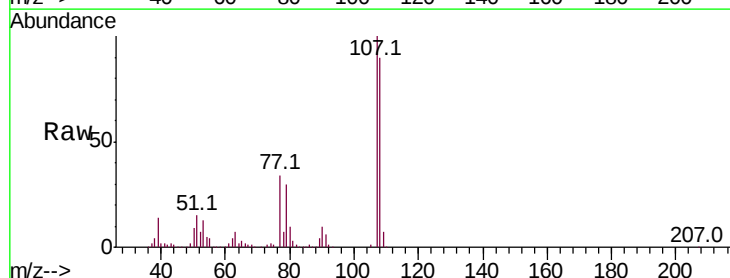
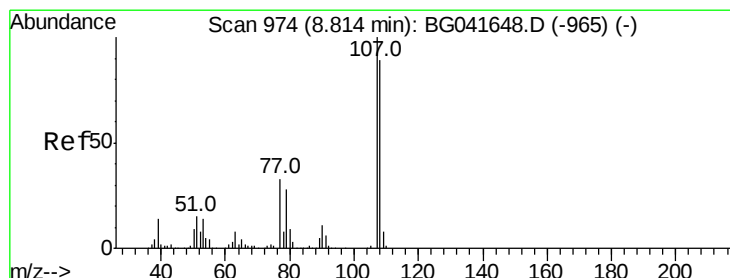
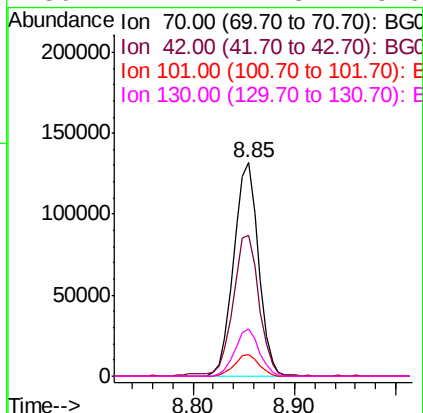




#19
n-Nitroso-di-n-propylamine
Concen: 40.852 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

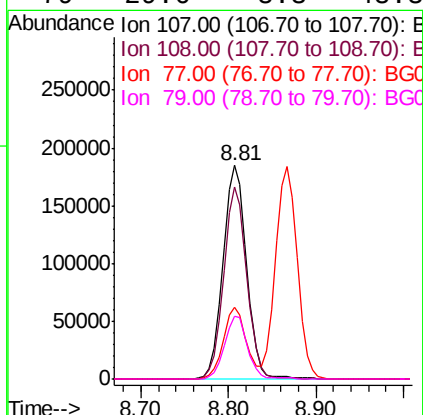
Instrument :
BNA_G
ClientSampleId :
PB121214BSD

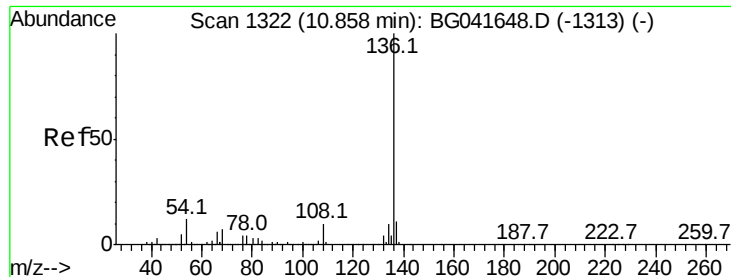
Tot Ion:	70	Resp:	224069
Ion	Ratio	Lower	Upper
70	100		
42	65.7	55.8	83.6
101	10.1	8.1	12.1
130	22.2	17.3	25.9



#20
3+4-Methylphenols
Concen: 45.646 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion:	107	Resp:	342014
Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.5	107.5
77	33.7	12.3	52.3
79	29.6	8.3	48.3

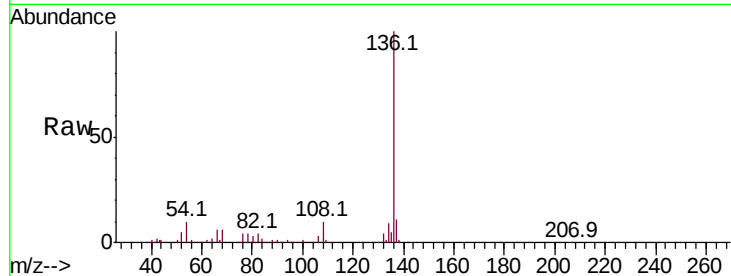




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion:136	Resp:	365912
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.2 13.8
54	9.9	8.7 13.1
68	6.3	5.5 8.3



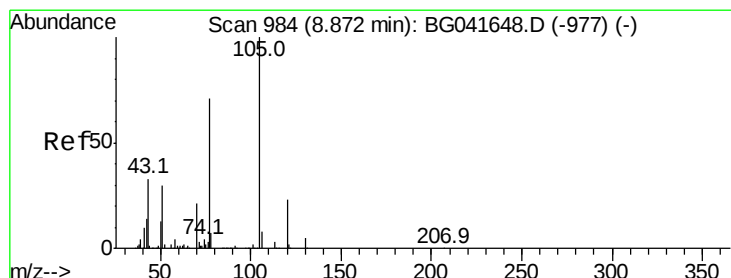
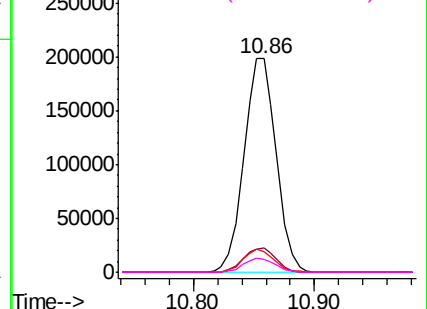
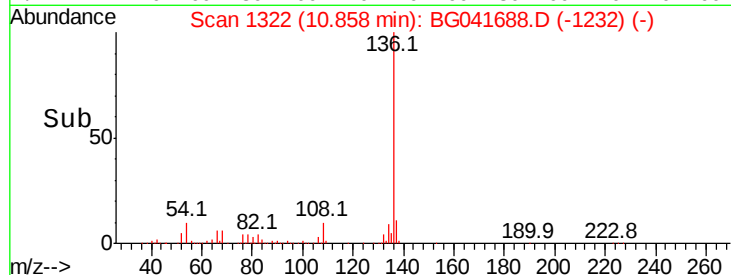
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

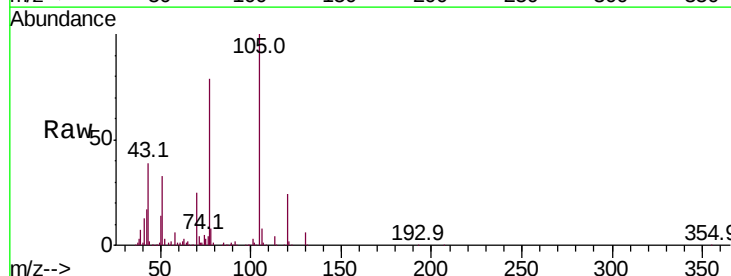
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 45.622 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion:105	Resp:	406579
Ion Ratio	Lower	Upper
105	100	
71	3.9	5.9 8.9#
51	33.3	27.7 41.5
120	24.2	19.3 28.9



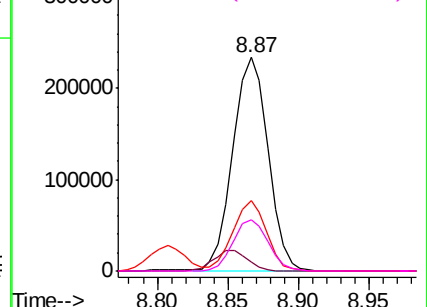
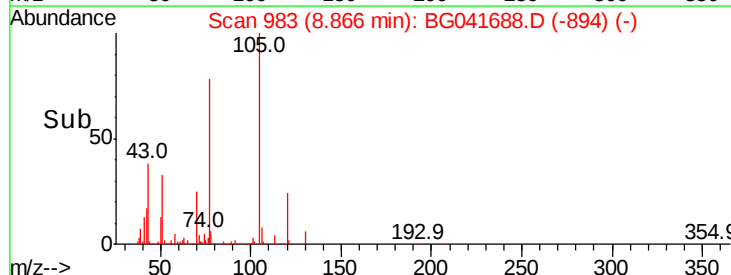
Abundance

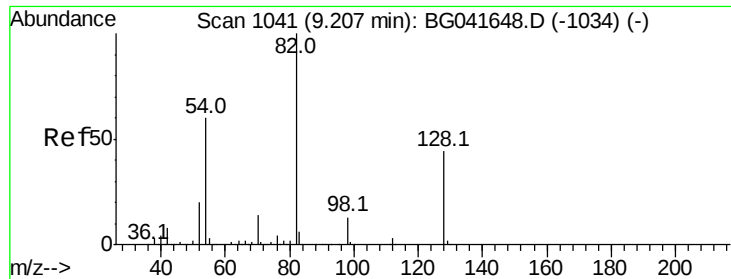
Ion 105.00 (104.70 to 105.70): E

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

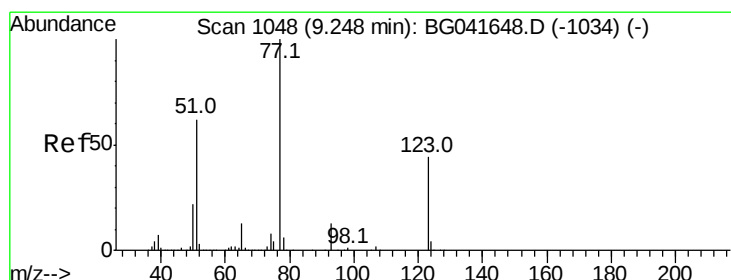
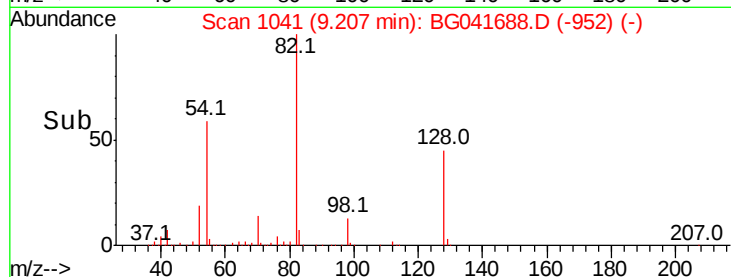
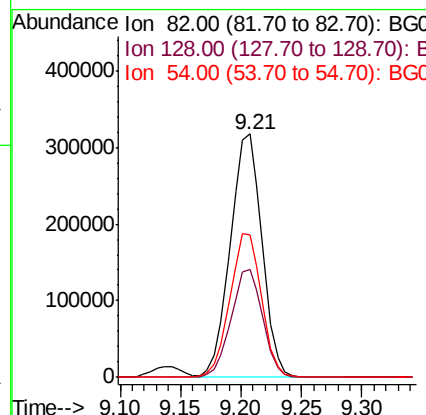
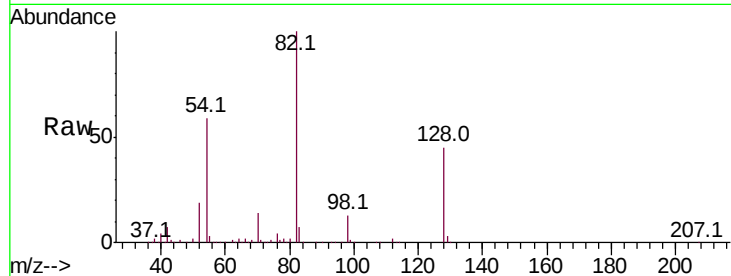




#23
 Nitrobenzene-d5
 Concen: 96.065 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

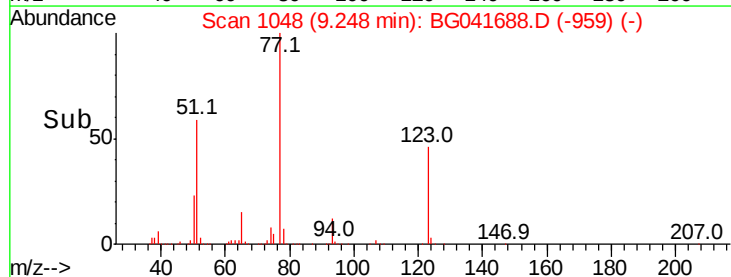
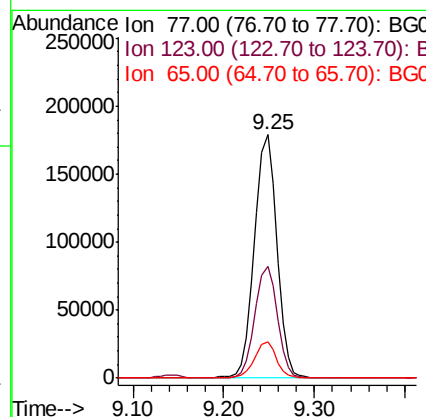
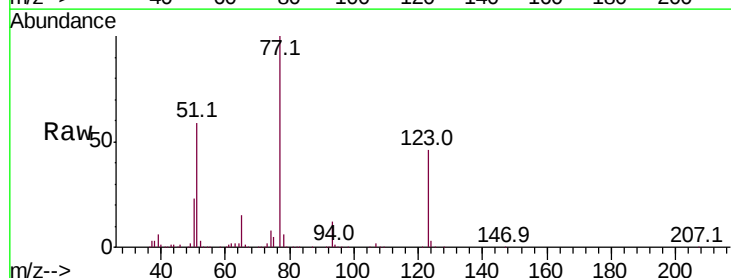
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

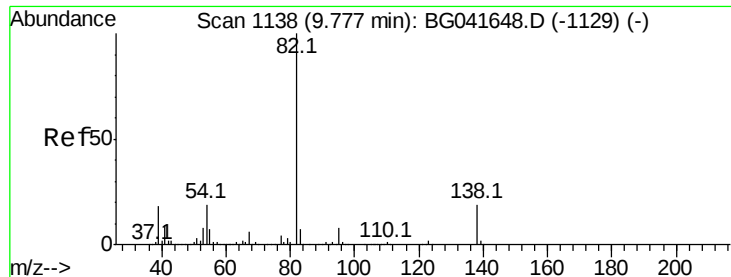
Tot Ion: 82 Resp: 578005
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.1 52.7
 54 58.6 48.7 73.1



#24
 Nitrobenzene
 Concen: 47.180 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion: 77 Resp: 309670
 Ion Ratio Lower Upper
 77 100
 123 45.9 38.1 57.1
 65 15.1 11.0 16.6





#25

Isophorone

Concen: 44.239 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

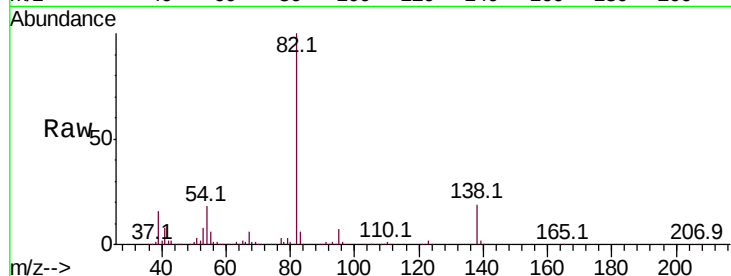
Tot Ion: 82 Resp: 582856

Ion Ratio Lower Upper

82 100

95 6.8 5.9 8.9

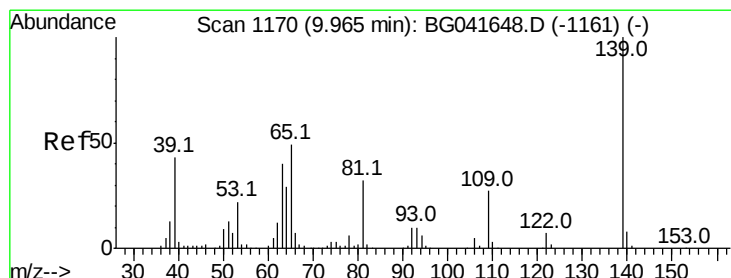
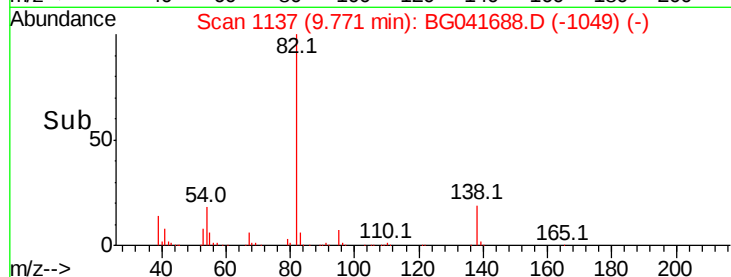
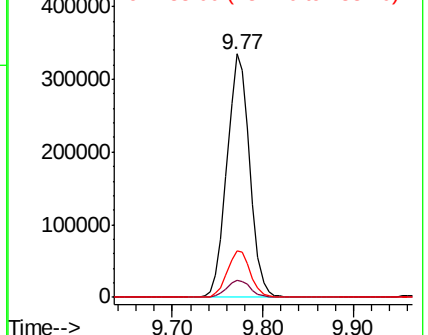
138 19.3 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BG041688.D (-1129) (-)

Ion 95.00 (94.70 to 95.70): BG041688.D (-1129) (-)

Ion 138.00 (137.70 to 138.70): BG041688.D (-1129) (-)



#26

2-Nitrophenol

Concen: 49.775 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

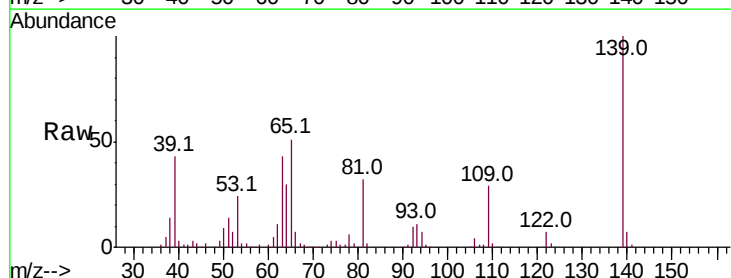
Tgt Ion: 139 Resp: 150449

Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

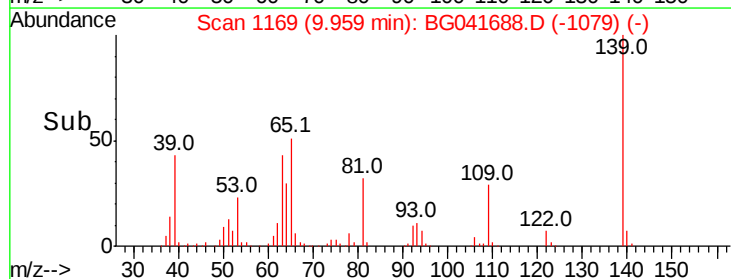
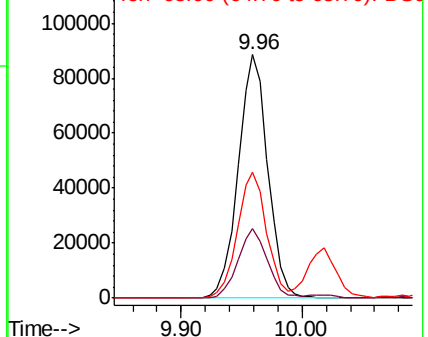
65 51.4 41.1 61.7

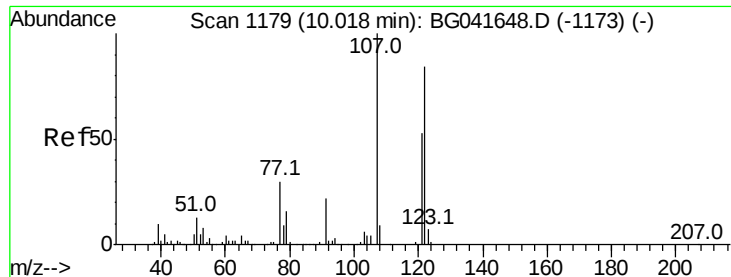


Abundance Ion 139.00 (138.70 to 139.70): BG041688.D (-1161) (-)

Ion 109.00 (108.70 to 109.70): BG041688.D (-1161) (-)

Ion 65.00 (64.70 to 65.70): BG041688.D (-1161) (-)

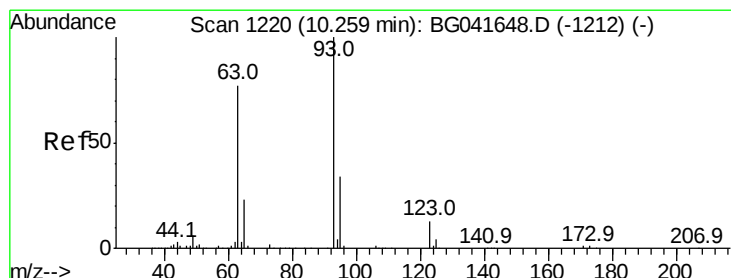
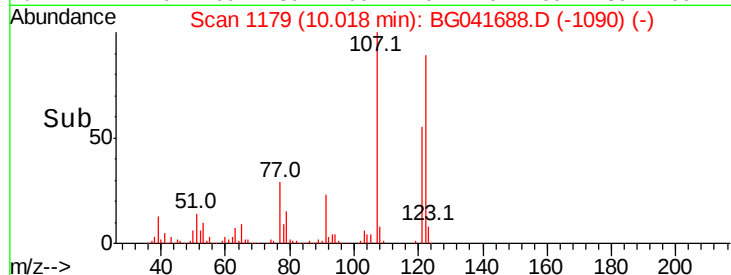
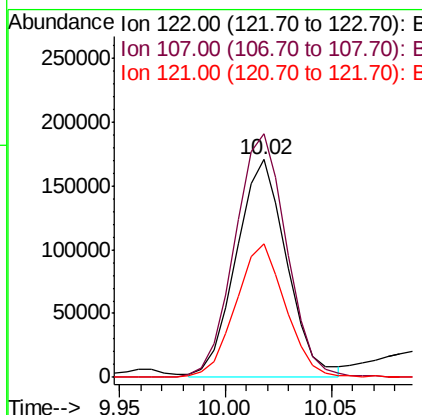
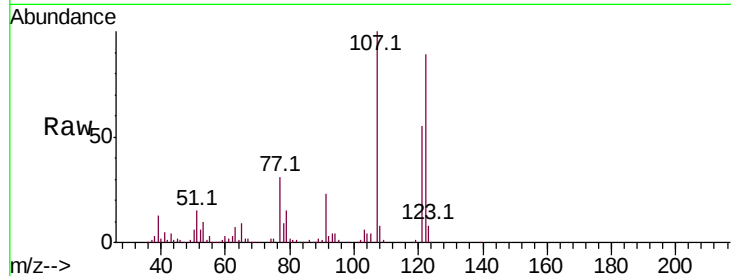




#27
 2,4-Dimethylphenol
 Concen: 54.255 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

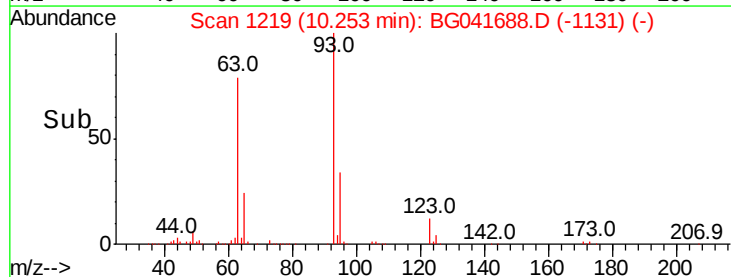
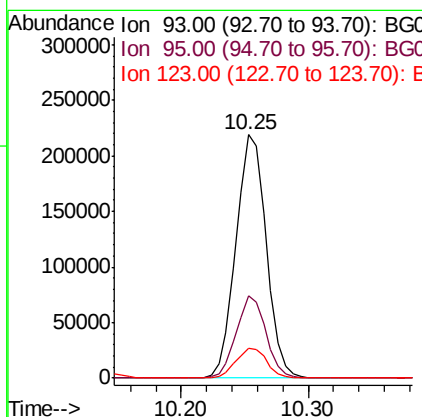
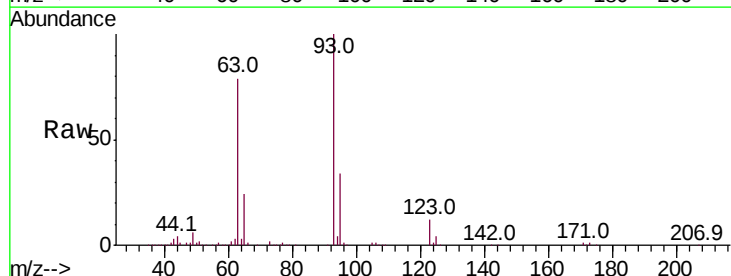
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

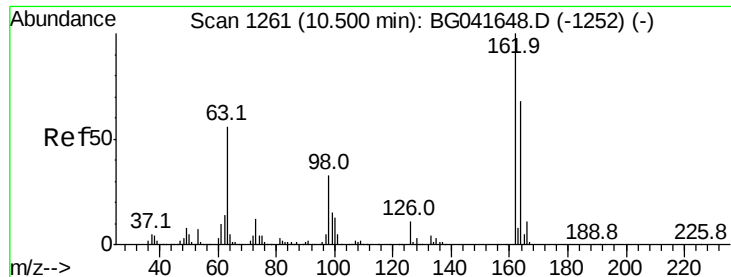
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.8	91.3	136.9
121	61.1	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.590 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.2	39.4
123	12.1	9.9	14.9

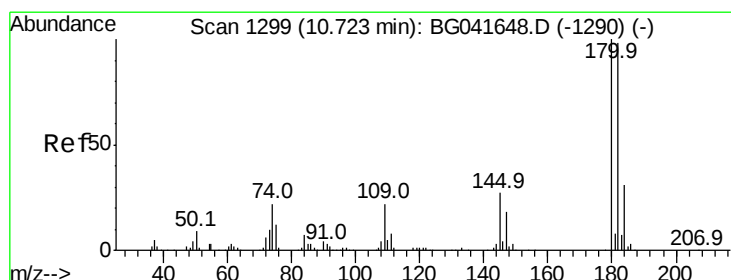
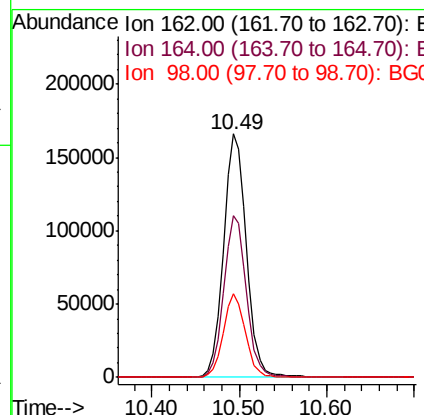
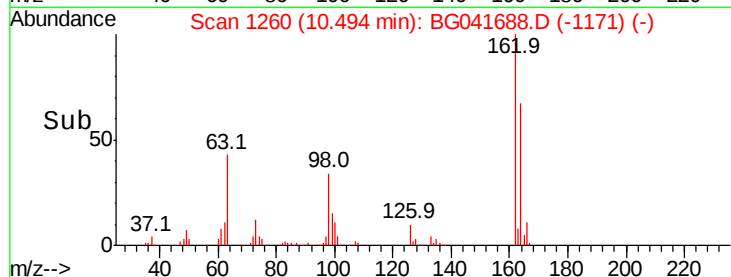
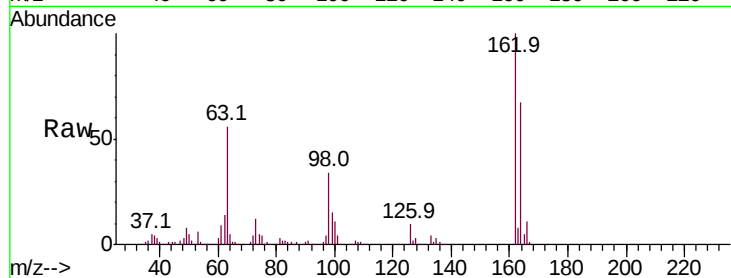




#29
 2,4-Dichlorophenol
 Concen: 50.347 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

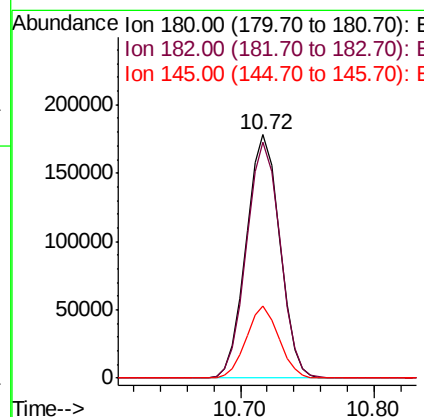
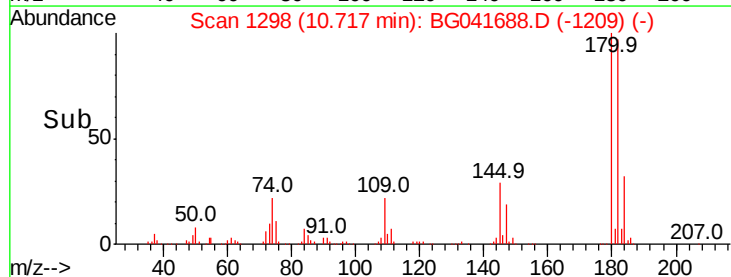
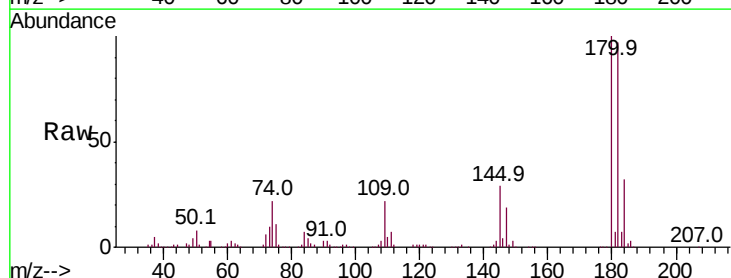
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

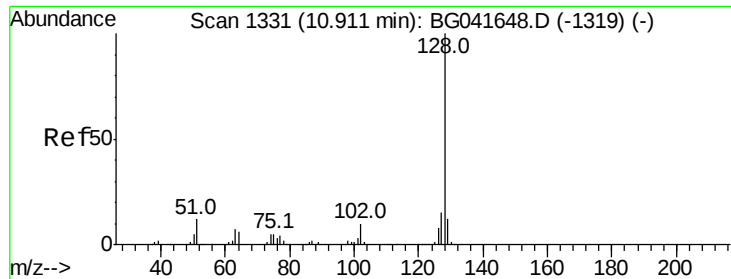
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	46.1	86.1
98	34.3	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 44.452 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.2	114.2
145	29.4	23.8	35.8

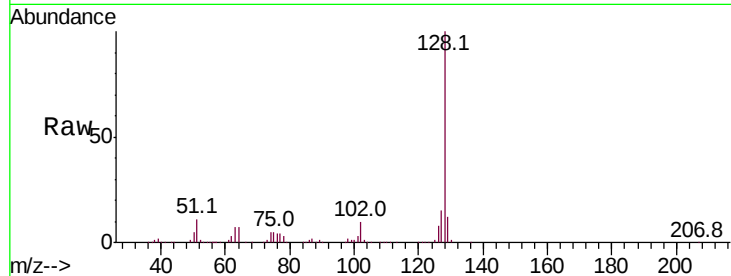




#31
Naphthalene
Concen: 46.195 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.0	15.0
127	14.8	12.3	18.5

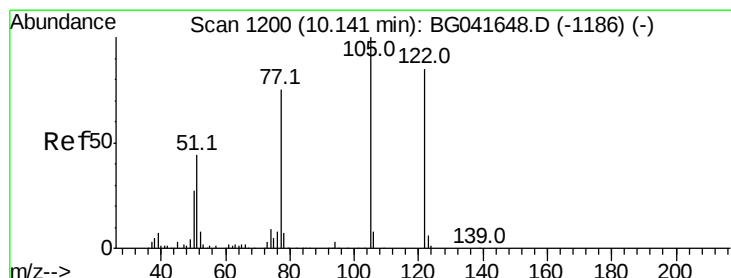
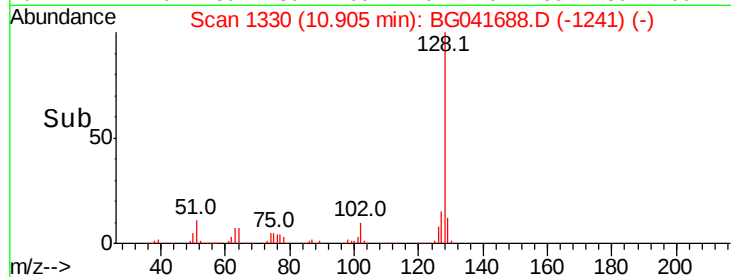
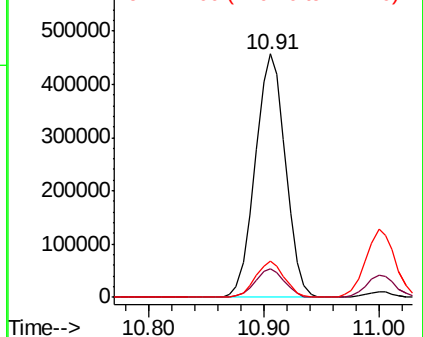


Abundance

Ion 128.00 (127.70 to 128.70): E

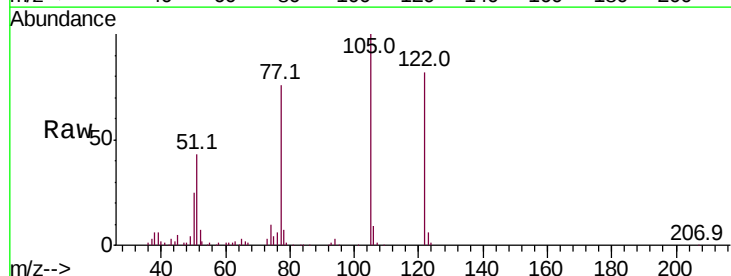
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.626 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	101.5	141.5
77	92.3	73.0	113.0

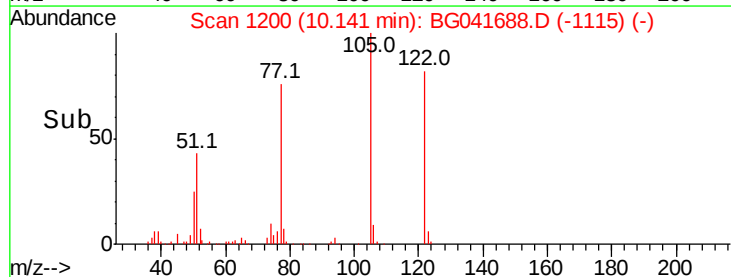
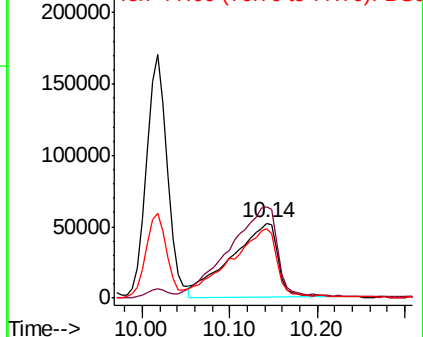


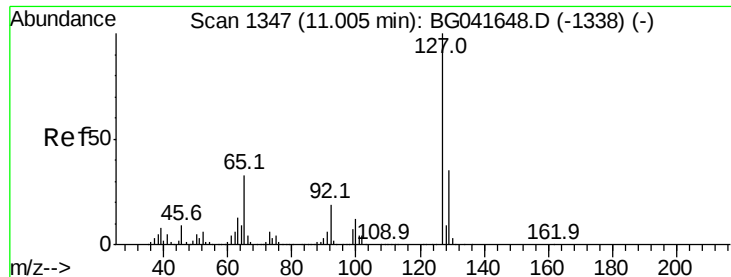
Abundance

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

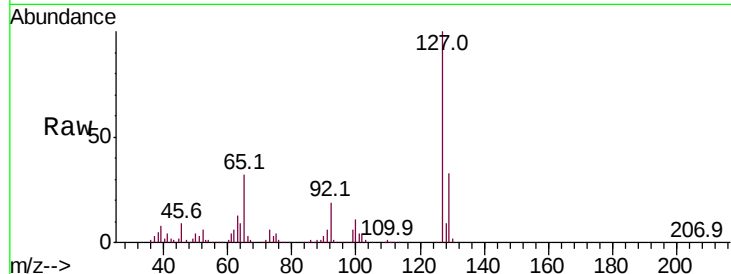




#33
4-Chloroaniline
Concen: 27.505 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion:	127	Resp:	228551
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	32.4	26.7	40.1
92	19.2	15.4	23.0



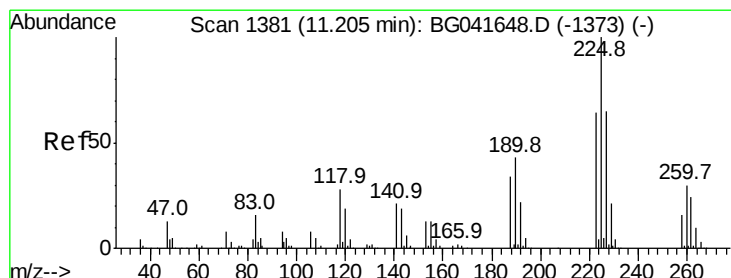
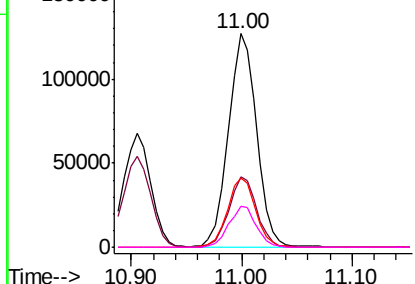
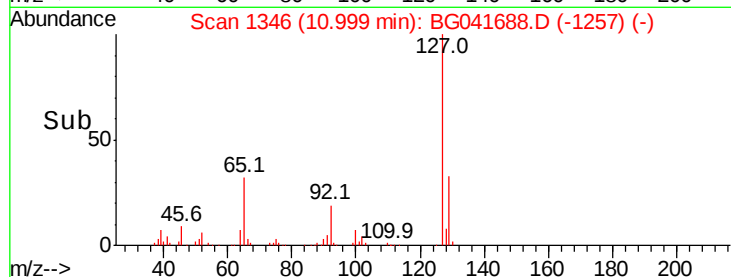
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

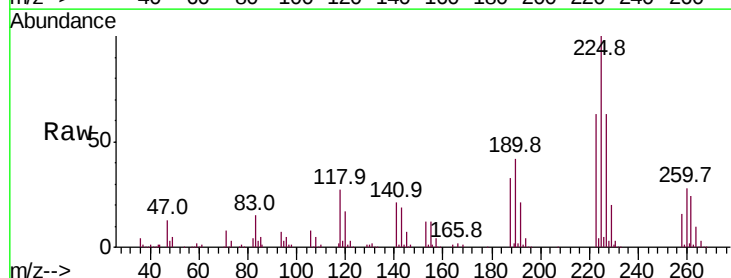
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 44.395 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion:	225	Resp:	199122
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	63.4	50.9	76.3

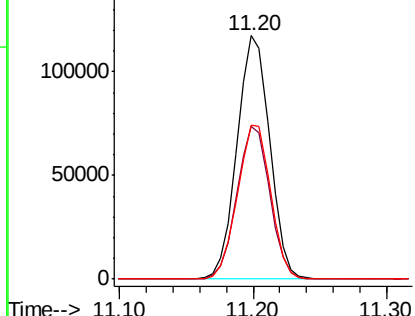
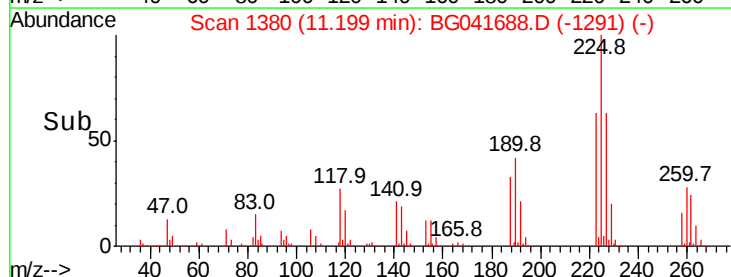


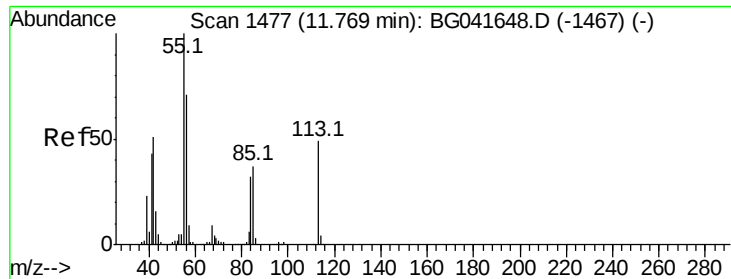
Abundance

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

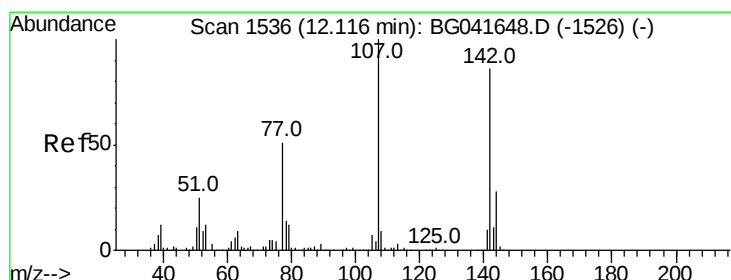
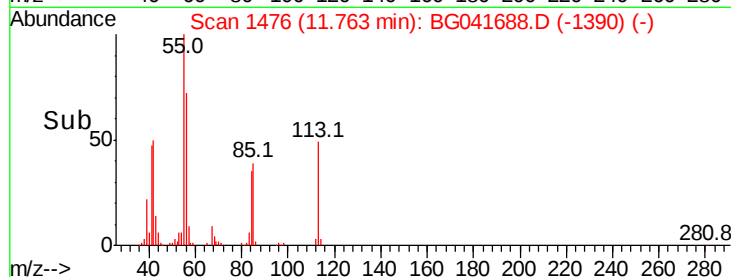
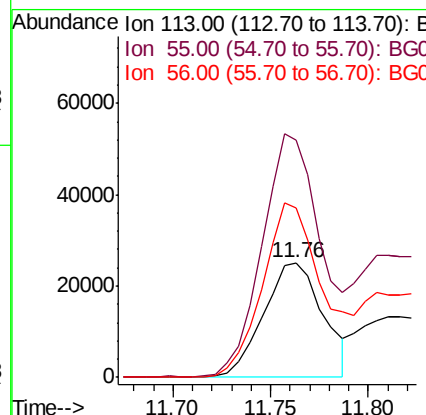
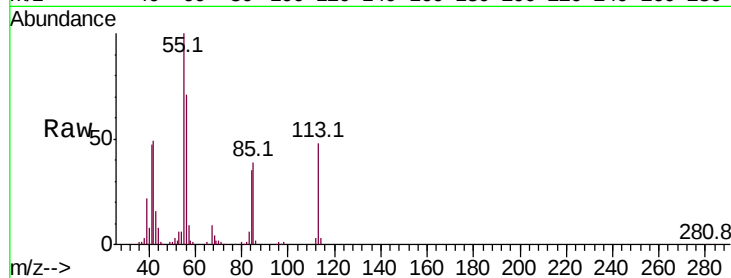




#35
 Caprolactam
 Concen: 24.192 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

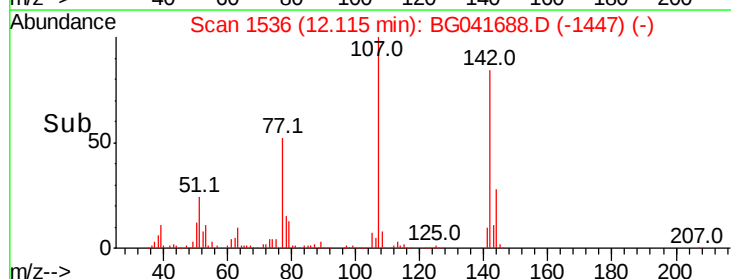
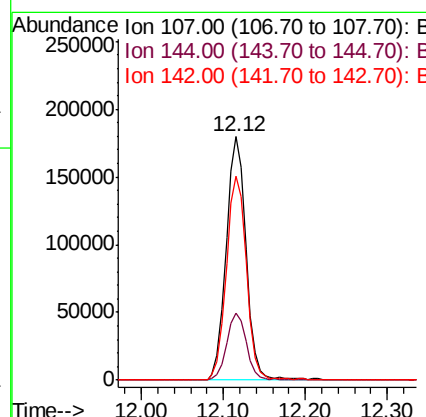
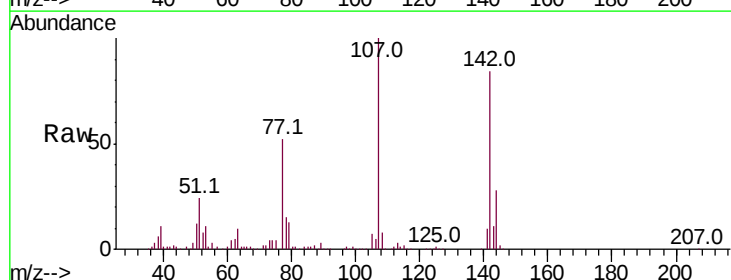
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

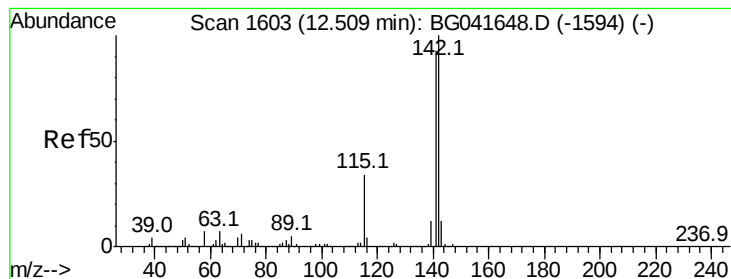
Tot Ion:113 Resp: 52849
 Ion Ratio Lower Upper
 113 100
 55 206.9 199.4 239.4
 56 147.9 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.854 ng
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion:107 Resp: 304186
 Ion Ratio Lower Upper
 107 100
 144 27.7 22.2 33.2
 142 84.0 67.3 100.9





#37

2-Methylnaphthalene

Concen: 46.579 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

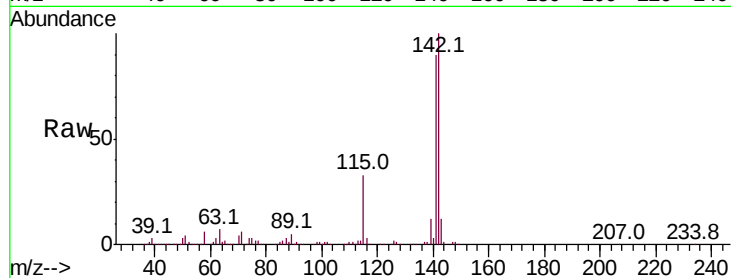
Tot Ion:142 Resp: 641069

Ion Ratio Lower Upper

142 100

141 90.1 72.7 109.1

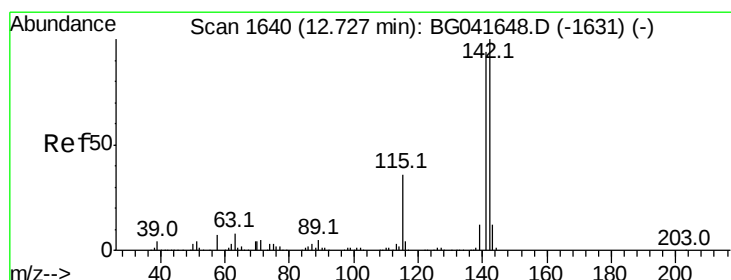
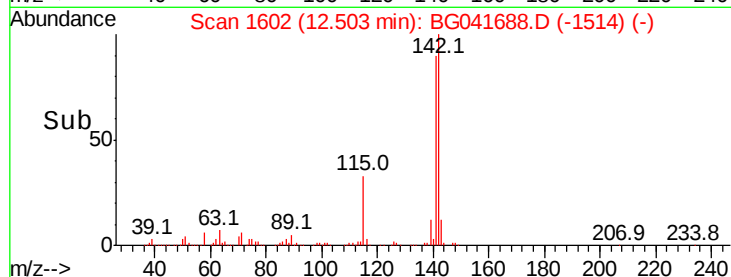
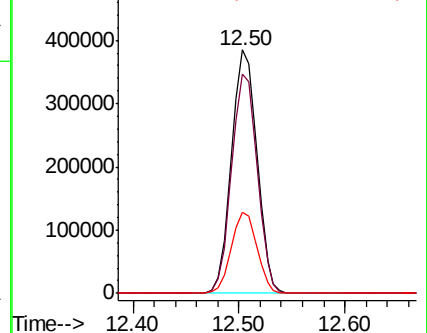
115 33.3 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.726 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

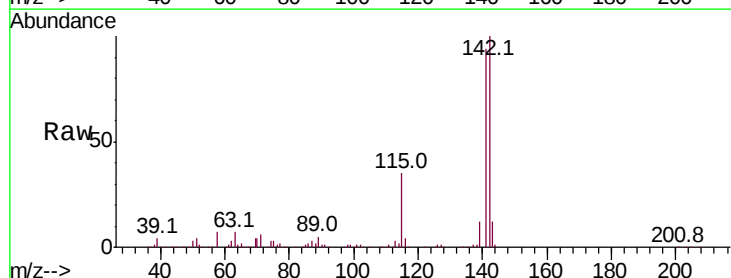
Tgt Ion:142 Resp: 599984

Ion Ratio Lower Upper

142 100

141 93.7 75.4 113.2

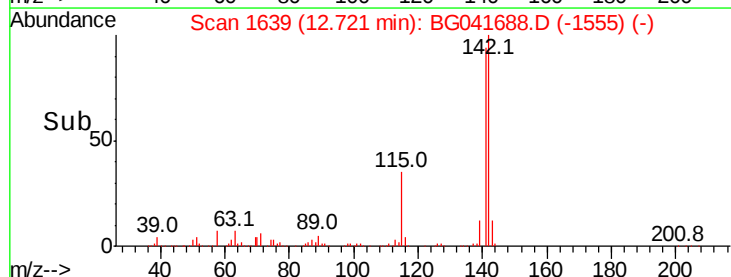
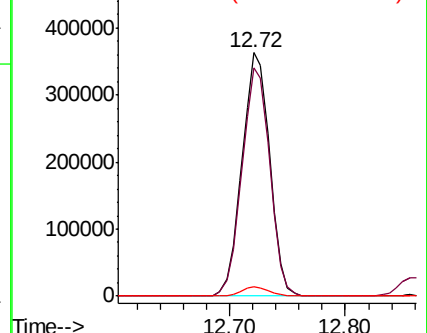
116 3.8 3.2 4.8

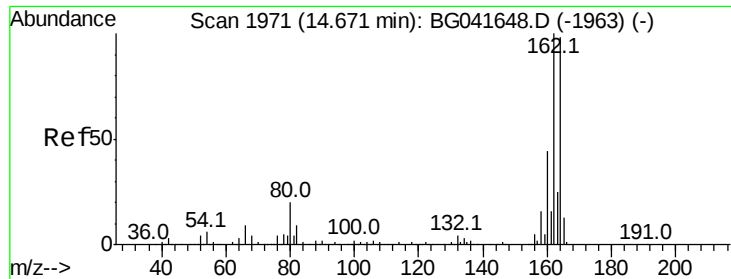


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

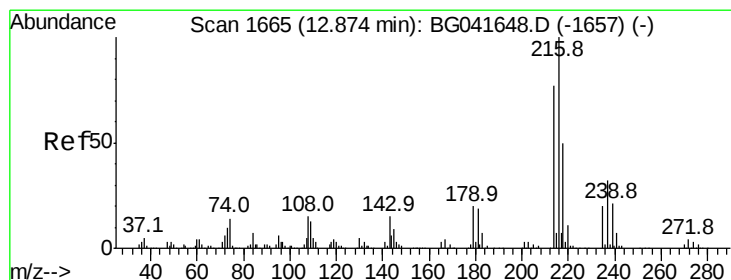
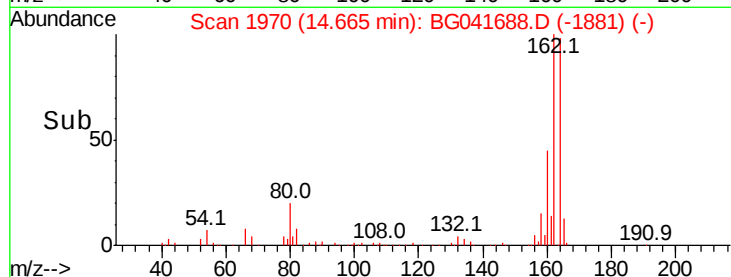
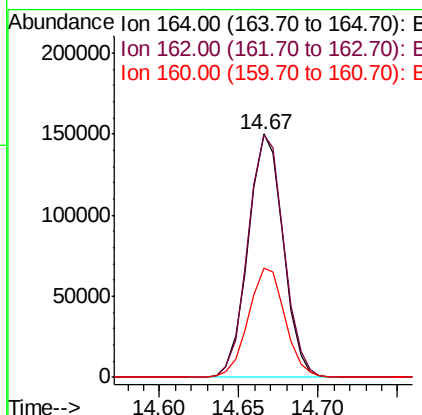
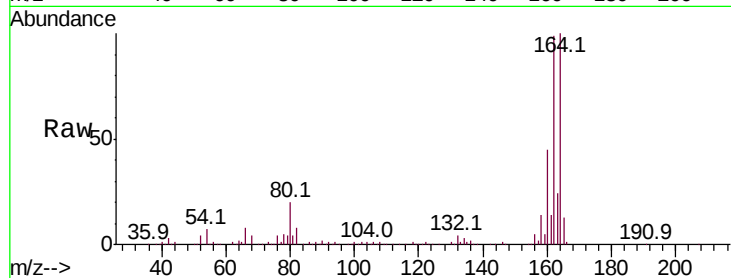




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

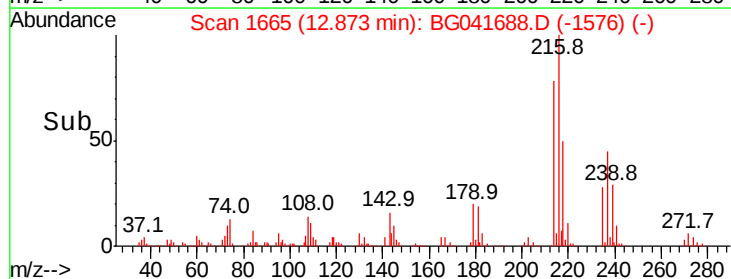
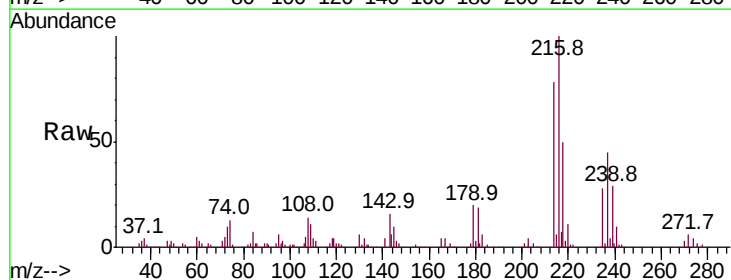
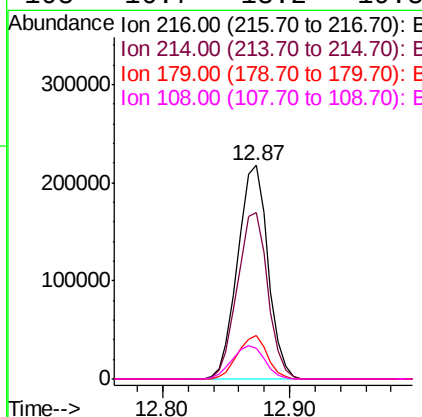
Instrument :
BNA_G
ClientSampleId :
PB121214BSD

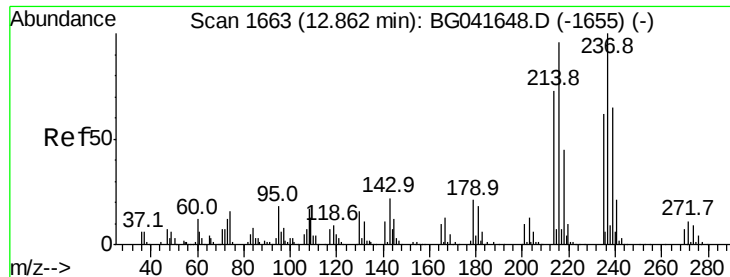
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.6	119.4
160	45.0	35.4	53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.752 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.5	92.3
179	20.0	16.2	24.2
108	16.7	13.2	19.8

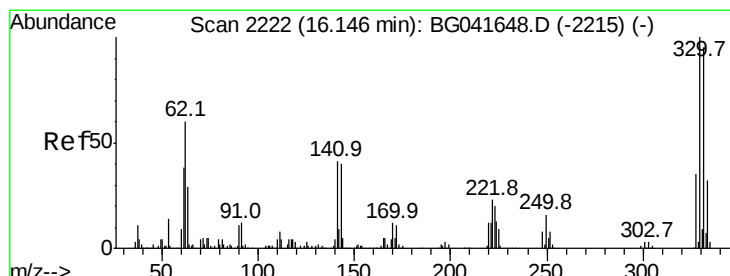
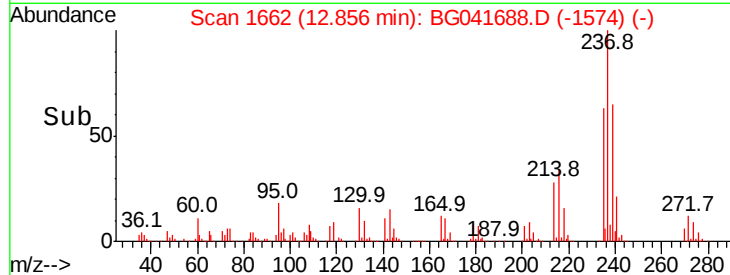
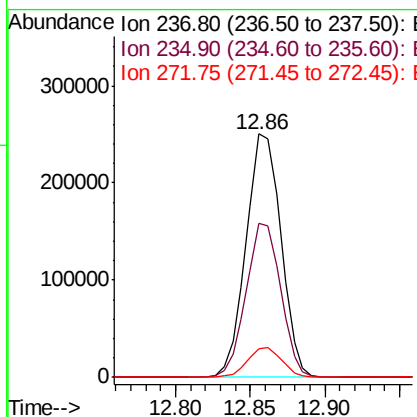
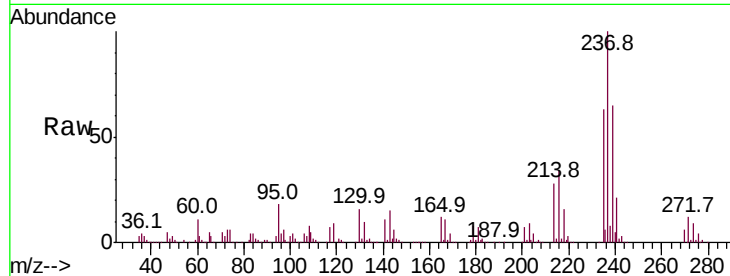




#41
 Hexachlorocyclopentadiene
 Concen: 90.709 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

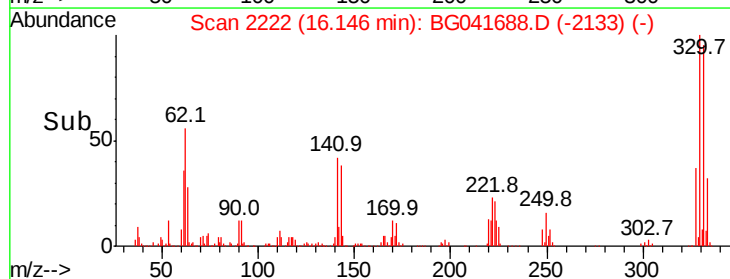
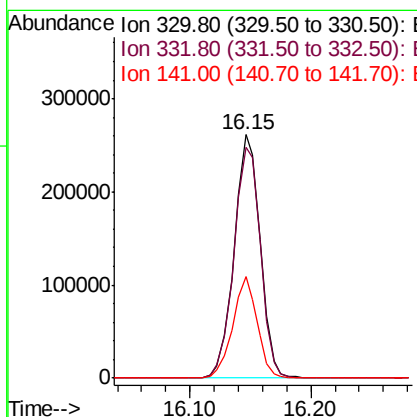
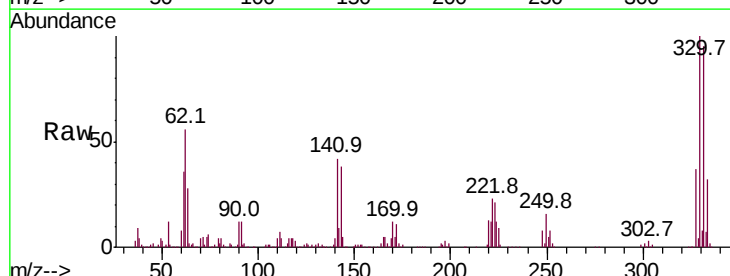
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

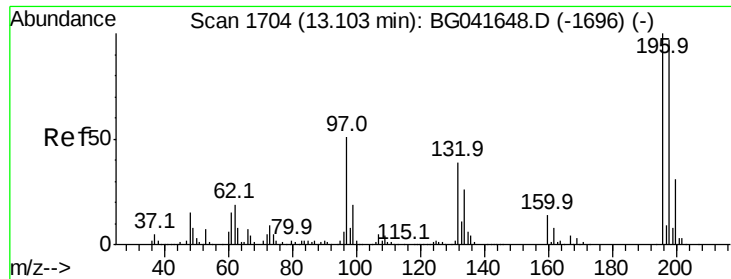
Tot Ion:	237	Resp:	405333
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.5	83.5
272	11.8	0.0	31.2



#42
 2,4,6-Tribromophenol
 Concen: 150.603 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion:	330	Resp:	391412
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.4	116.0
141	39.3	31.9	47.9

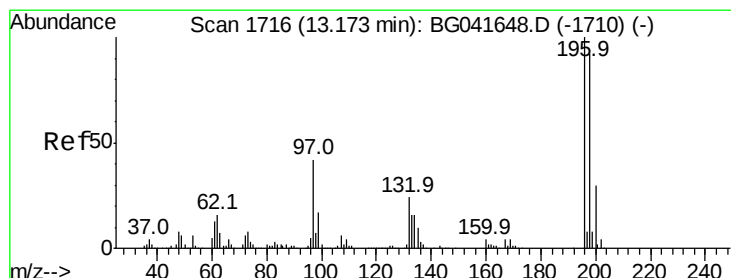
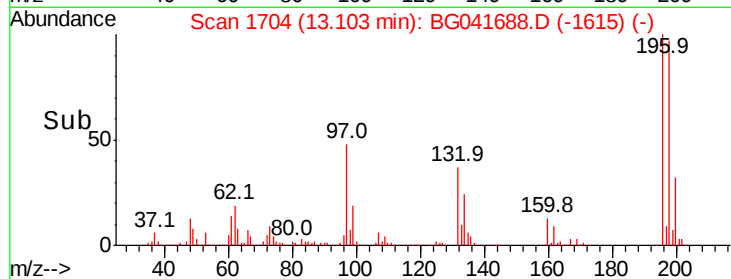
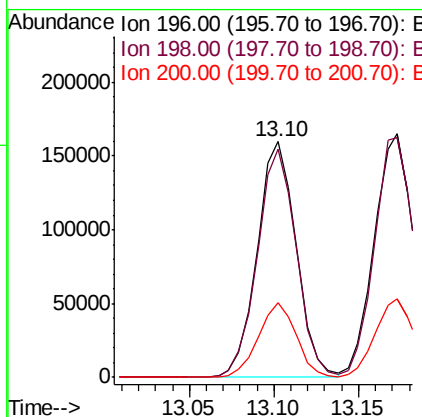
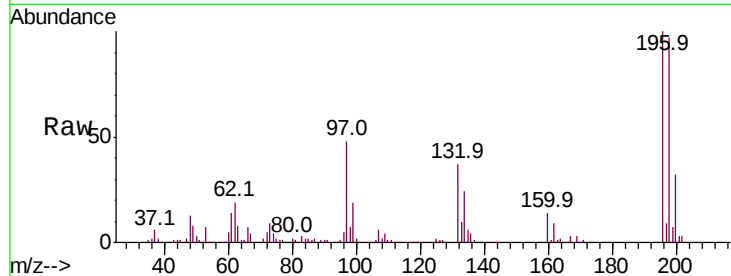




#43
 2,4,6-Trichlorophenol
 Concen: 49.828 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

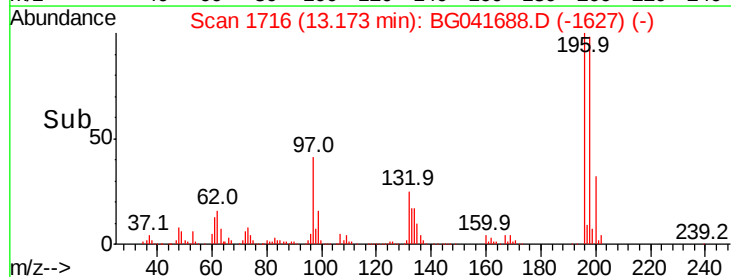
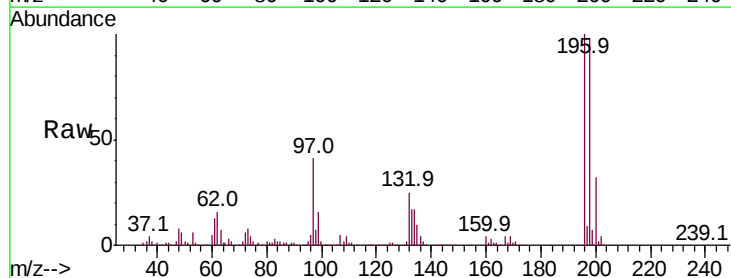
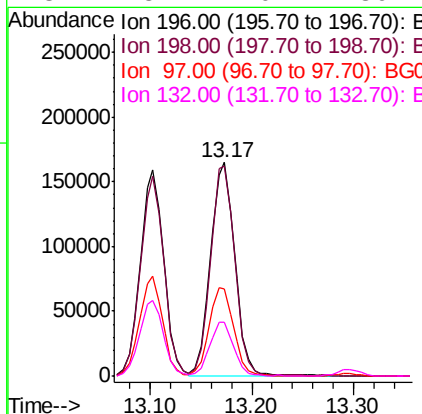
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

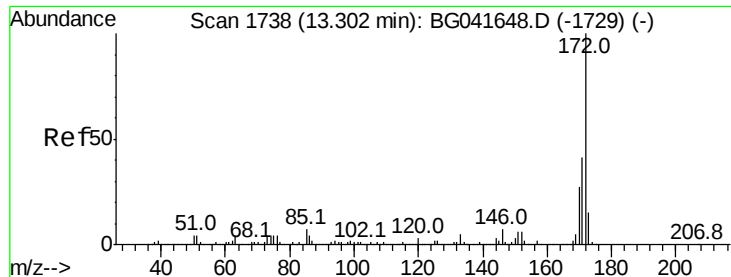
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	79.6	119.4
200	31.9	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.727 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	80.6	121.0
97	40.8	33.9	50.9
132	25.1	20.2	30.2



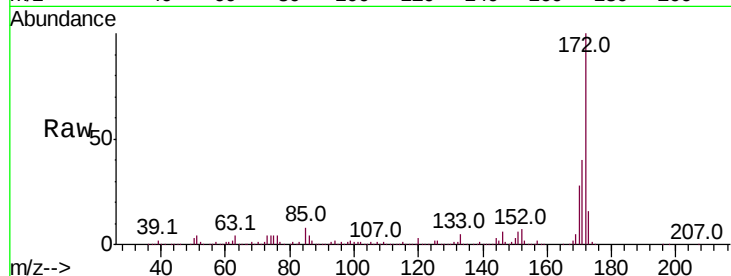


#45
 2-Fluorobiphenyl
 Concen: 93.805 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

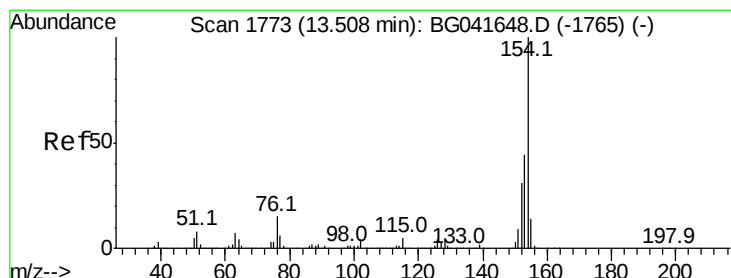
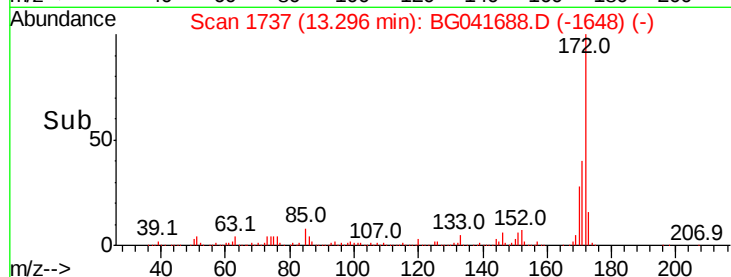
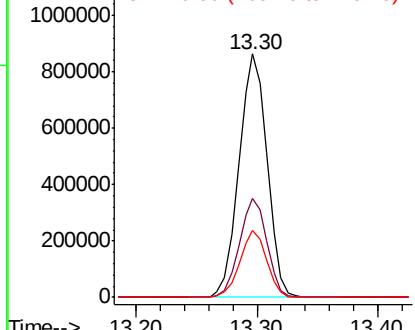
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion:172 Resp: 1397005

Ion	Ratio	Lower	Upper
172	100		
171	40.4	35.0	52.4
170	27.6	23.5	35.3



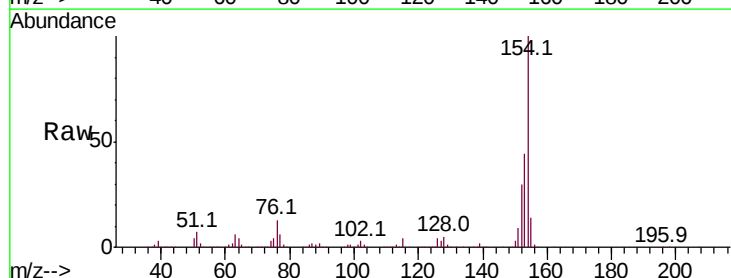
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



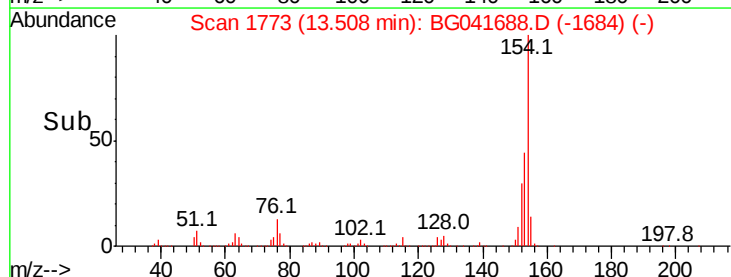
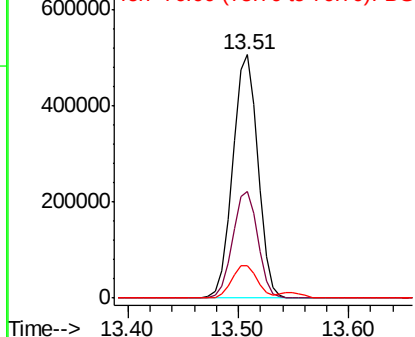
#46
 1,1'-Biphenyl
 Concen: 46.650 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

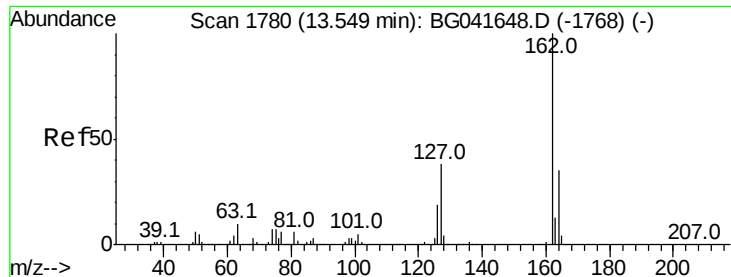
Tgt Ion:154 Resp: 805986

Ion	Ratio	Lower	Upper
154	100		
153	43.8	25.0	65.0
76	13.1	0.0	34.5



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

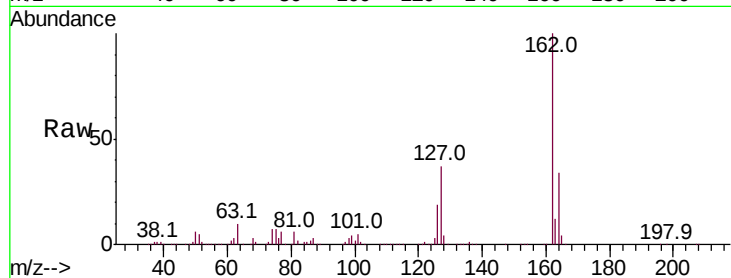




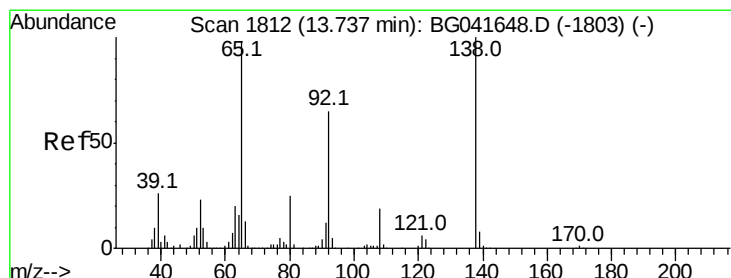
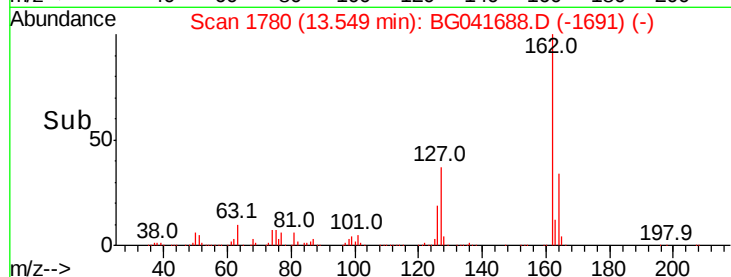
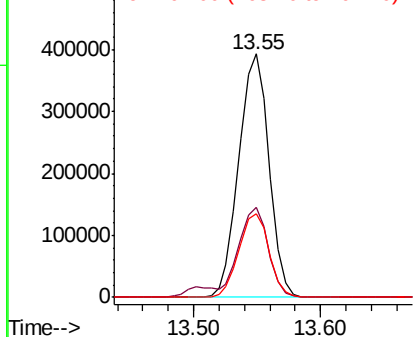
#47
 2-Chloronaphthalene
 Concen: 45.050 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.4	45.6
164	34.2	28.6	42.8

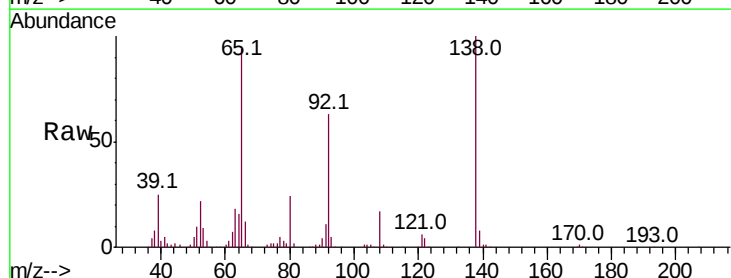


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

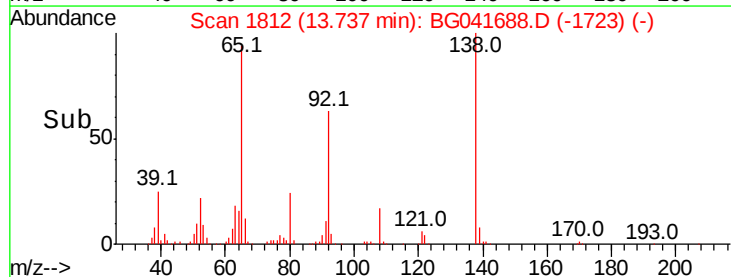
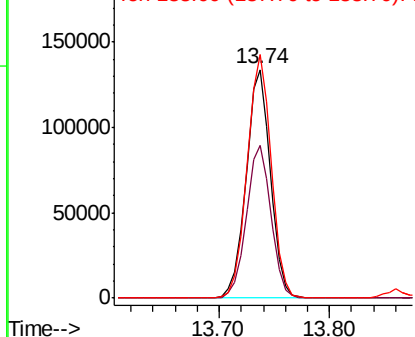


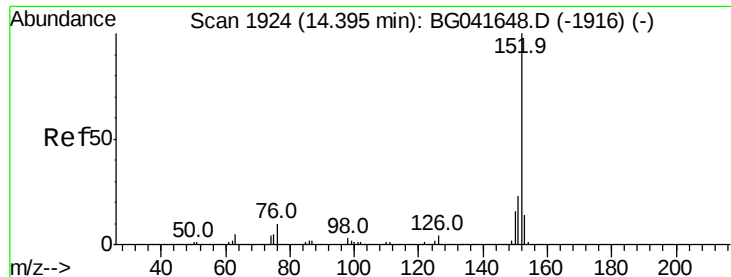
#48
 2-Nitroaniline
 Concen: 49.291 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.9	80.9
138	106.5	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: 46.249 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

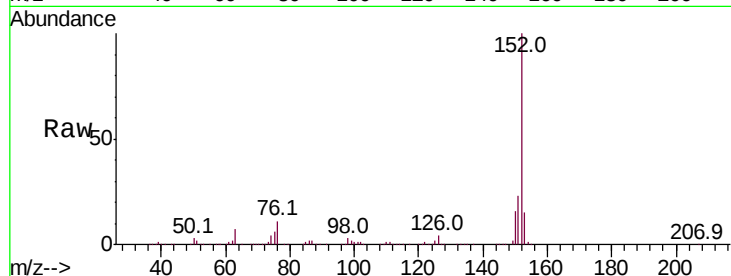
BNA_G

ClientSampleId :

PB121214BSD

Tot Ion:152 Resp: 1039611

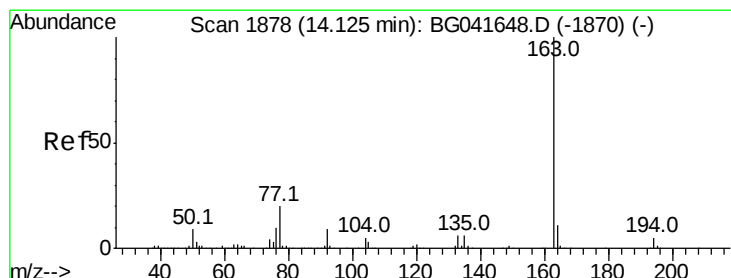
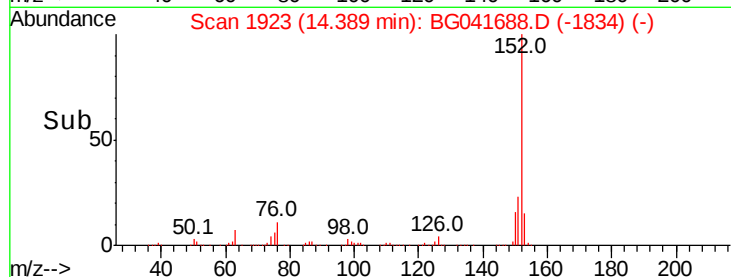
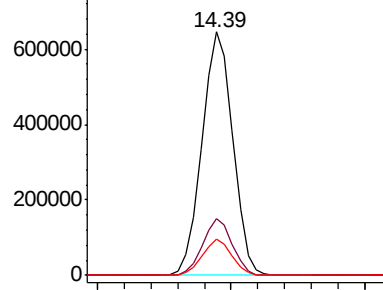
Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.7	28.1
153	14.7	12.4	18.6



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: 46.474 ng

RT: 14.12 min Scan# 1877

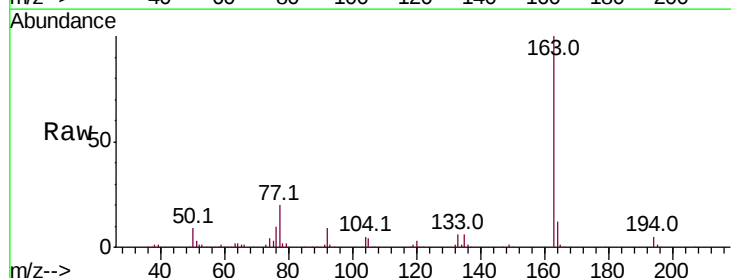
Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Tgt Ion:163 Resp: 841742

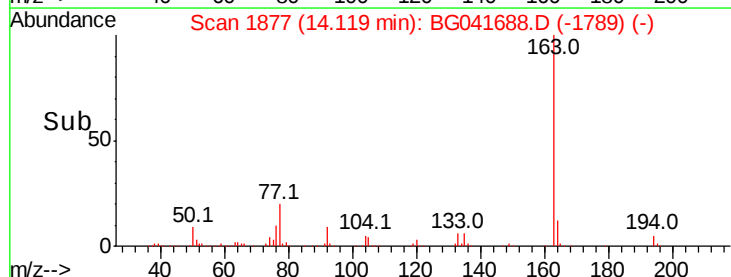
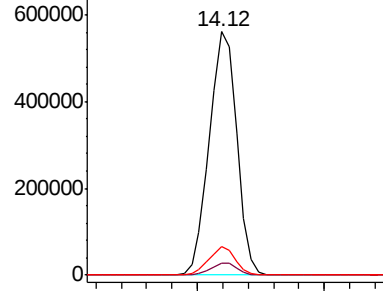
Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	11.5	9.4	14.2

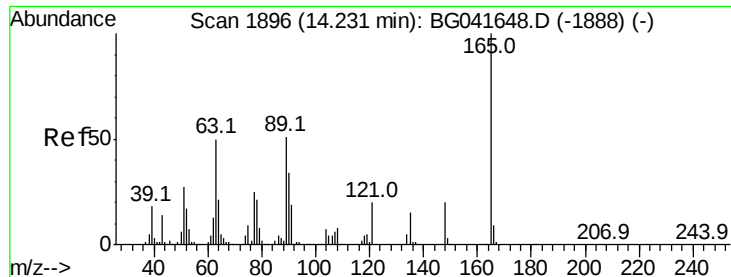


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.479 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

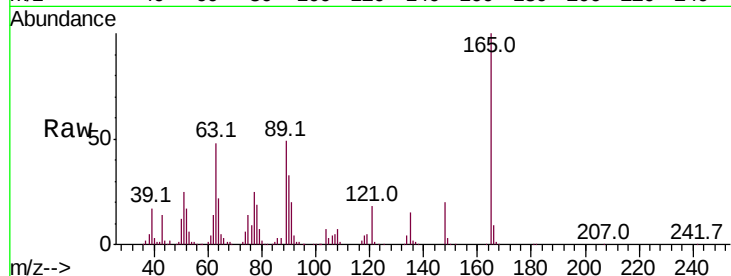
Tot Ion:165 Resp: 197771

Ion Ratio Lower Upper

165 100

63 47.8 42.4 63.6

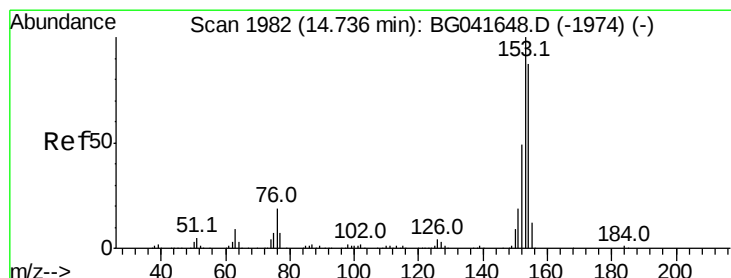
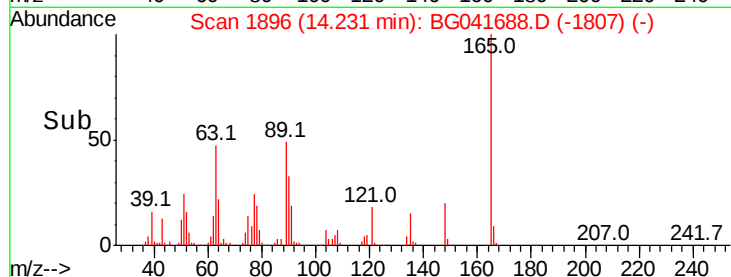
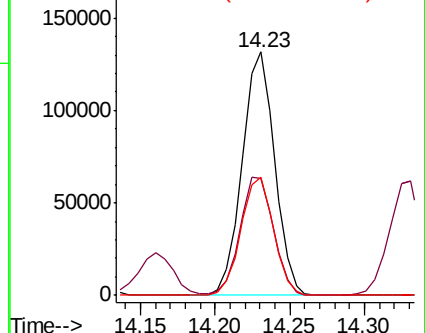
89 48.5 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 50.986 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

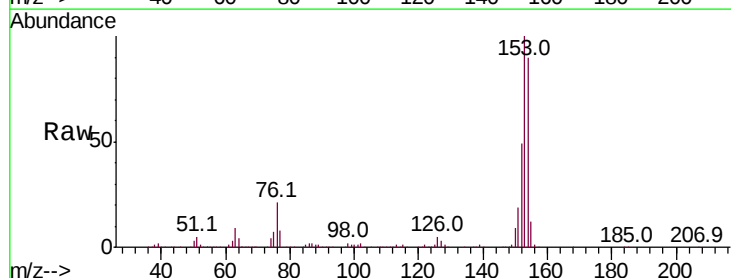
Tgt Ion:154 Resp: 722245

Ion Ratio Lower Upper

154 100

153 110.7 89.8 134.6

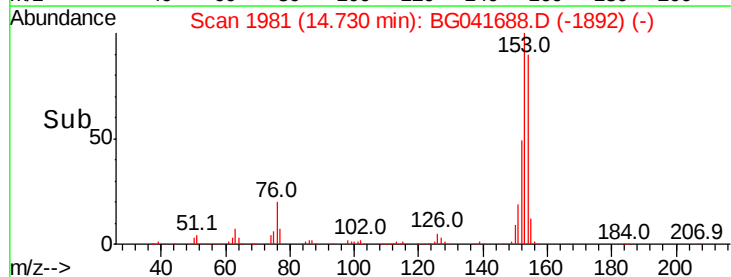
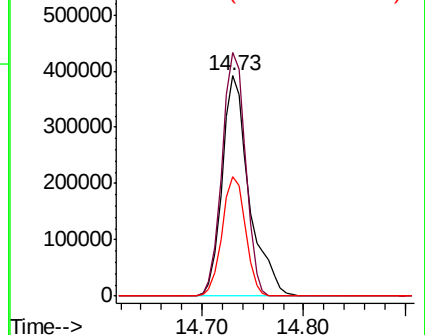
152 54.4 44.9 67.3

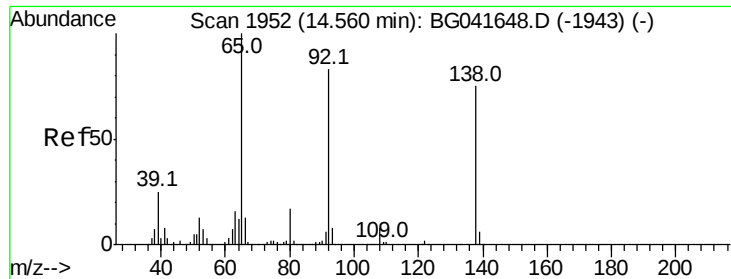


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

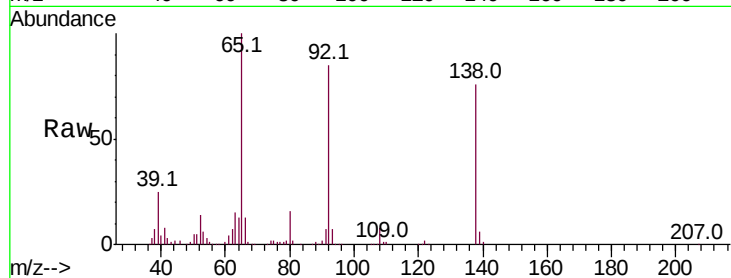




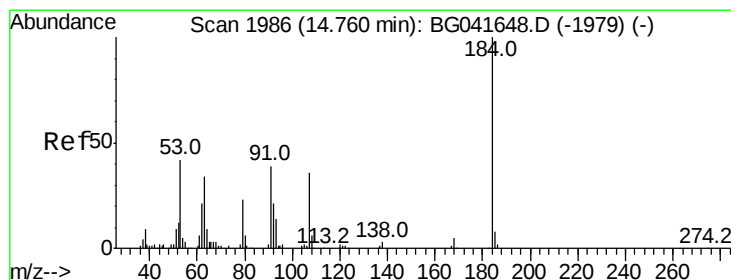
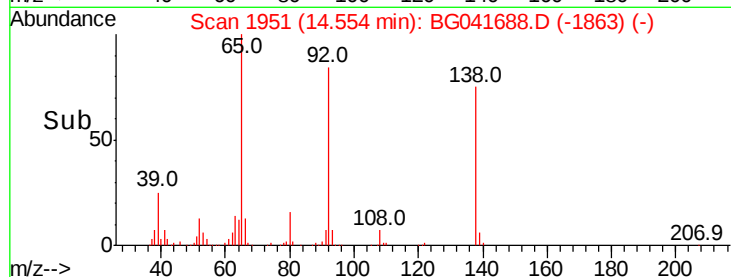
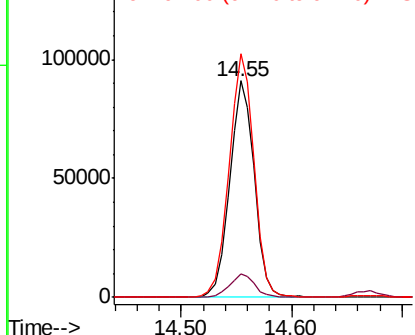
#53
3-Nitroaniline
Concen: 33.762 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion:138 Resp: 141590
Ion Ratio Lower Upper
138 100
108 10.6 10.3 15.5
92 112.4 93.0 139.4

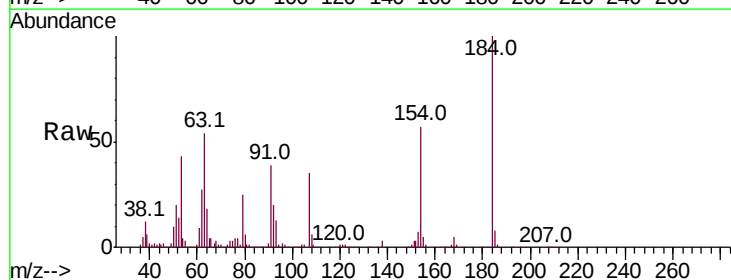


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

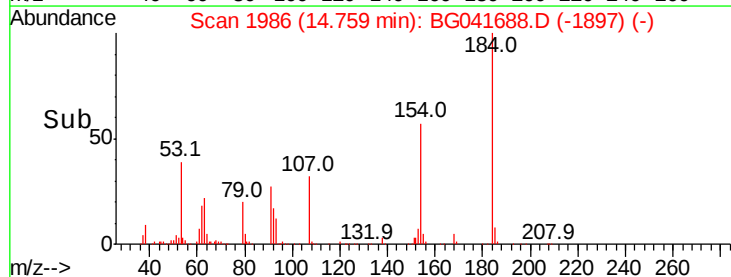
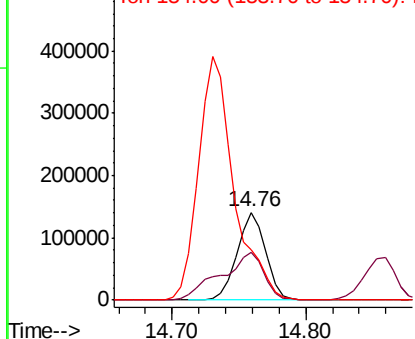


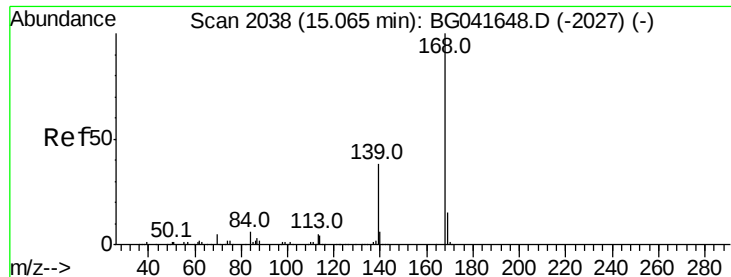
#54
2,4-Dinitrophenol
Concen: 104.664 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion:184 Resp: 208338
Ion Ratio Lower Upper
184 100
63 54.4 43.2 64.8
154 57.1 51.4 77.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

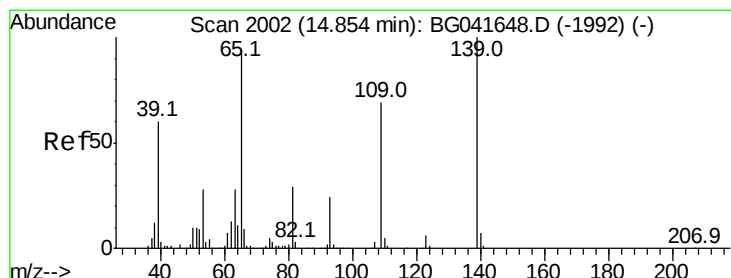
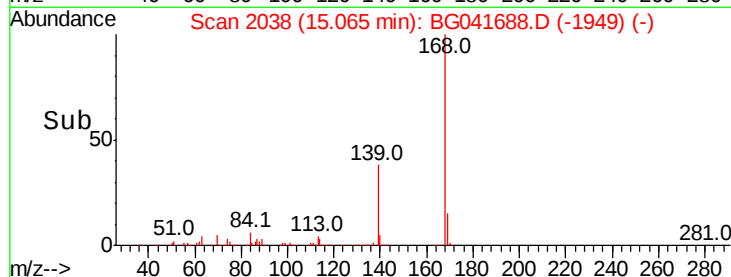
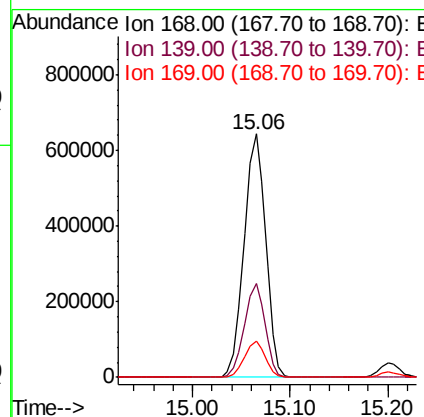
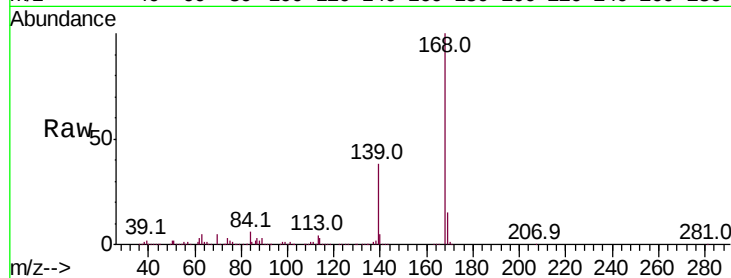




#55
Dibenzofuran
Concen: 46.655 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

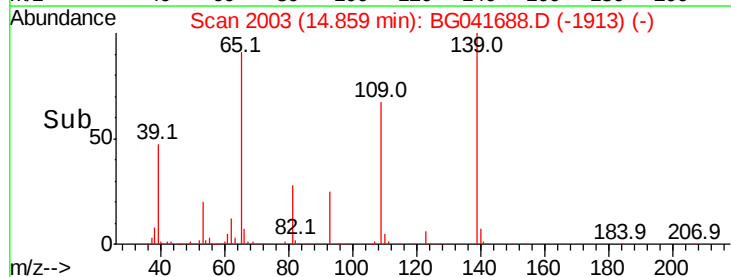
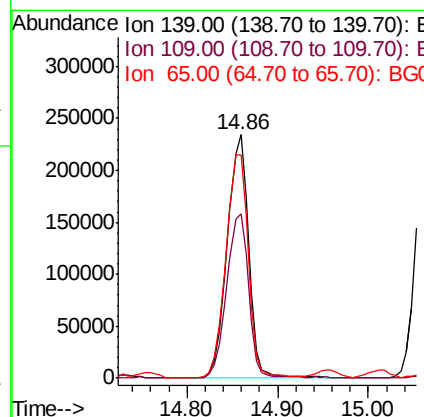
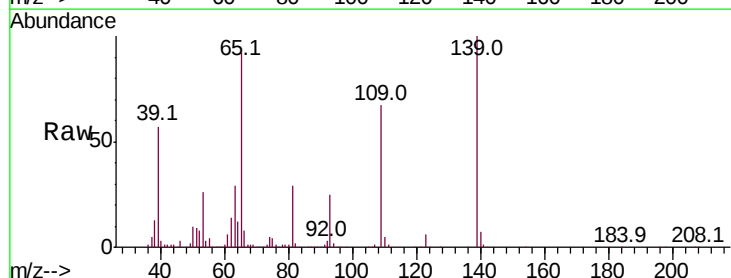
Instrument :
BNA_G
ClientSampleId :
PB121214BSD

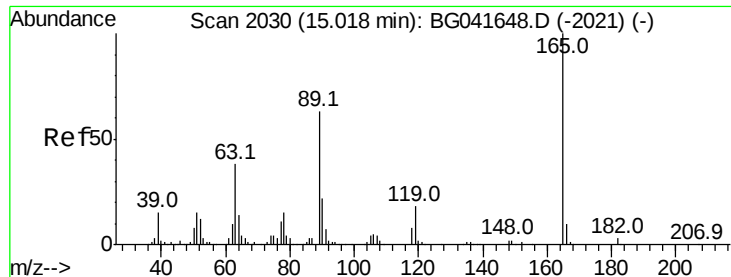
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.9	47.9
169	15.1	12.5	18.7



#56
4-Nitrophenol
Concen: 113.430 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.5	51.3	91.3
65	91.8	77.6	117.6

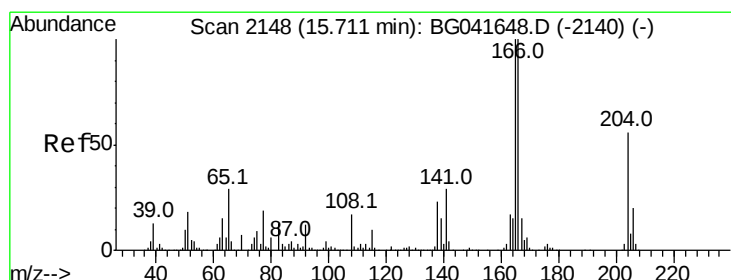
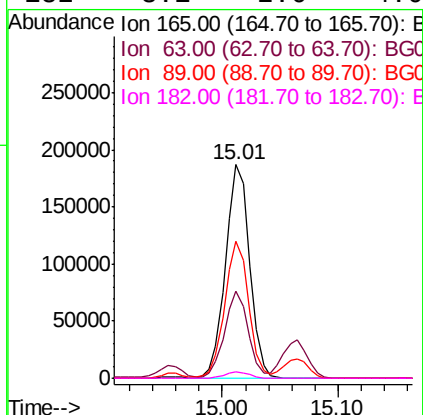
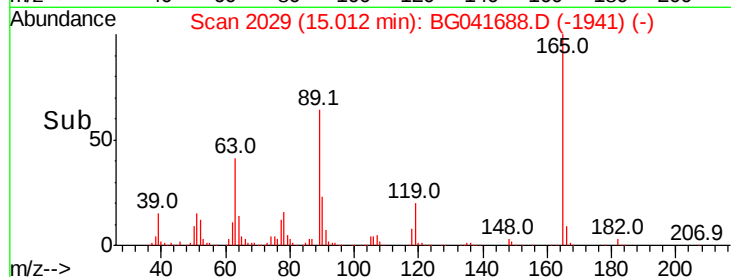
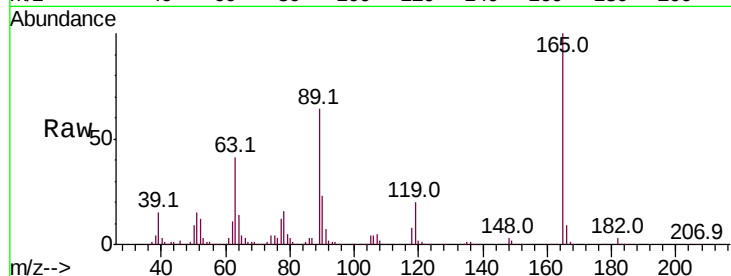




#57
 2,4-Dinitrotoluene
 Concen: 53.199 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

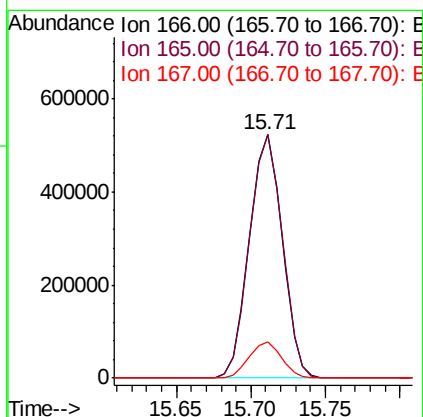
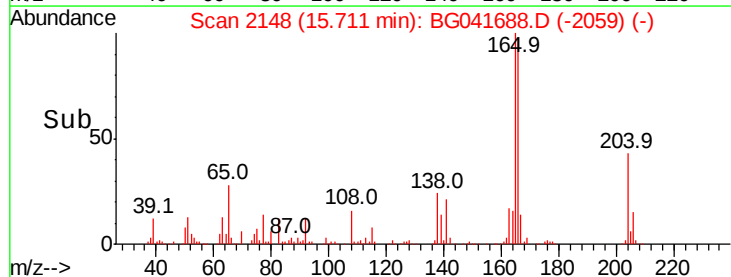
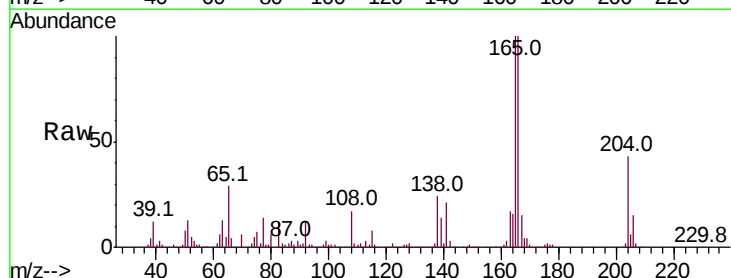
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

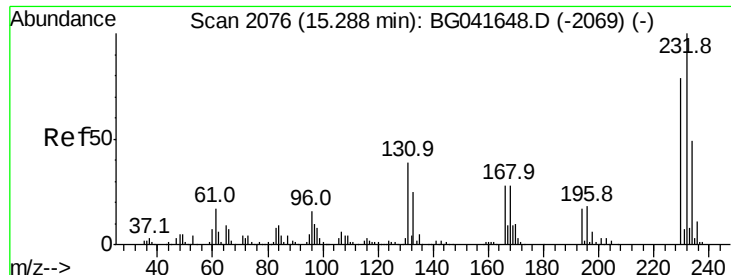
Tot Ion:165 Resp: 270165
 Ion Ratio Lower Upper
 165 100
 63 40.9 31.7 47.5
 89 64.3 50.2 75.4
 182 3.1 2.6 4.0



#58
 Fluorene
 Concen: 46.295 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion:166 Resp: 800725
 Ion Ratio Lower Upper
 166 100
 165 99.9 80.5 120.7
 167 15.1 12.4 18.6

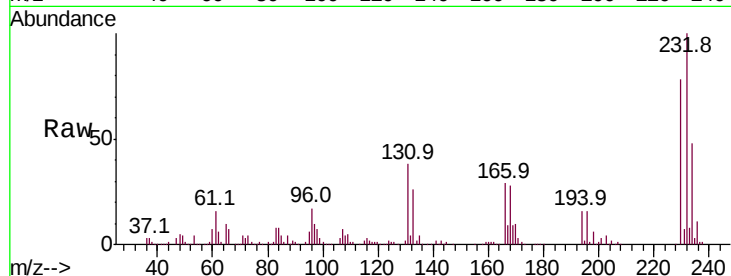




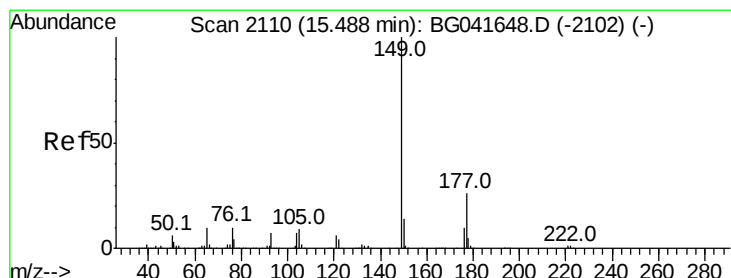
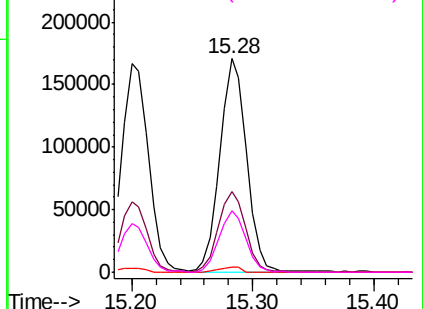
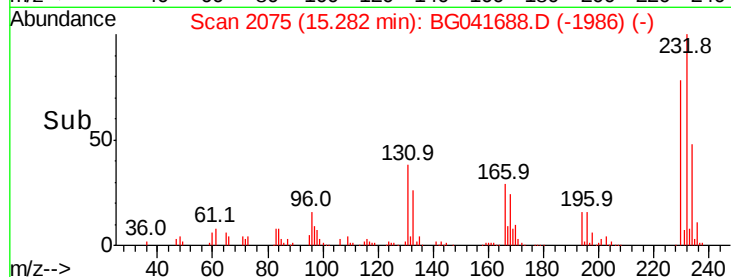
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.168 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion:	232	Resp:	260446
Ion	Ratio	Lower	Upper
232	100		
131	38.5	31.8	47.6
130	1.9	1.8	2.8
166	28.9	23.5	35.3

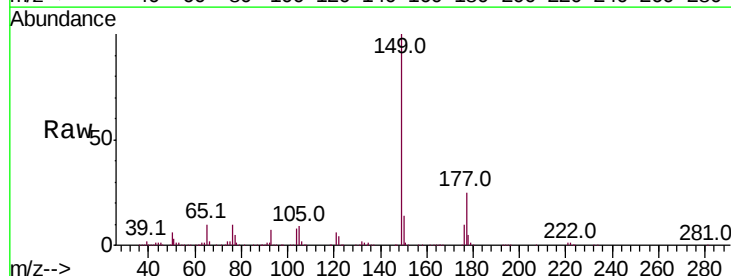


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

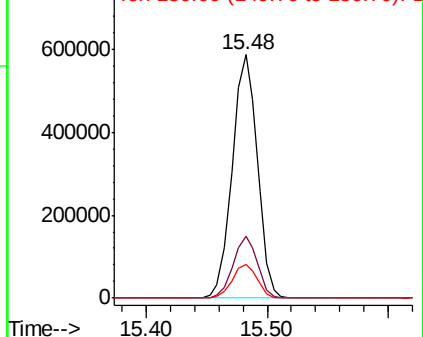
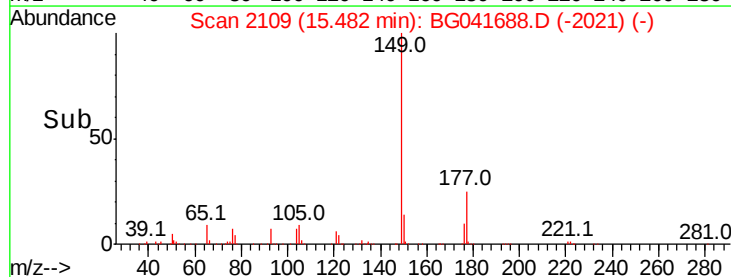


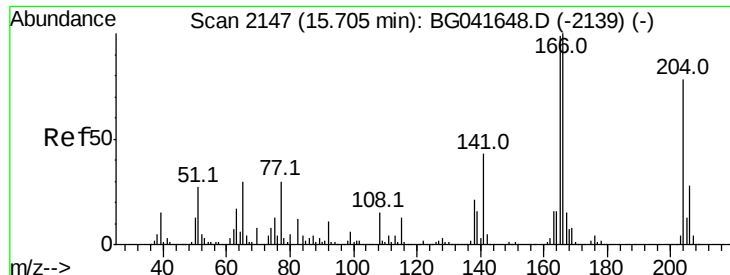
#60
 Diethylphthalate
 Concen: 46.465 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion:	149	Resp:	847820
Ion	Ratio	Lower	Upper
149	100		
177	25.5	20.7	31.1
150	13.9	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

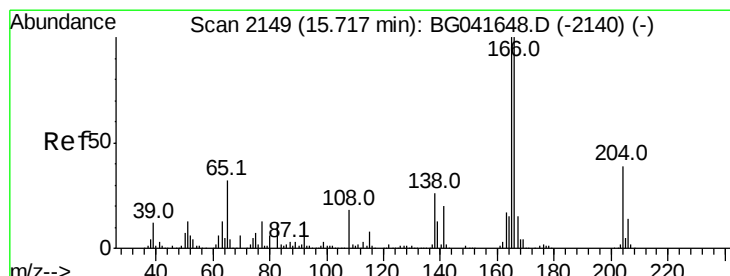
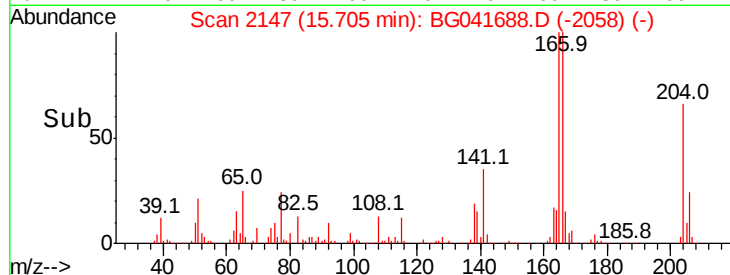
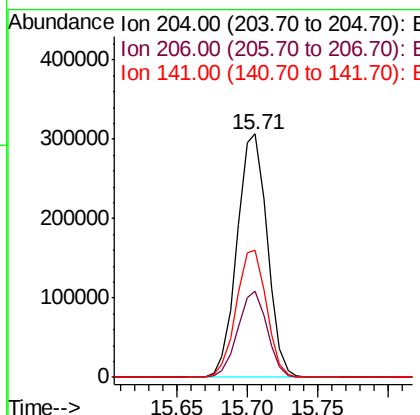
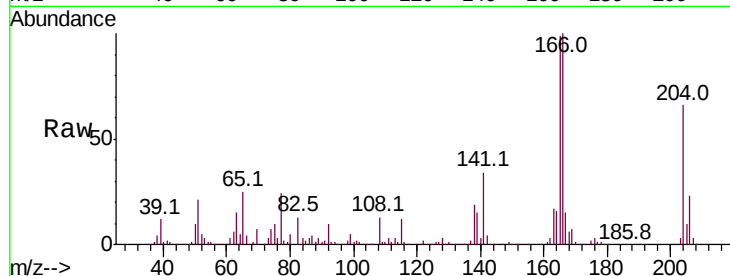




#61
 4-Chlorophenyl-phenylether
 Concen: 46.615 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

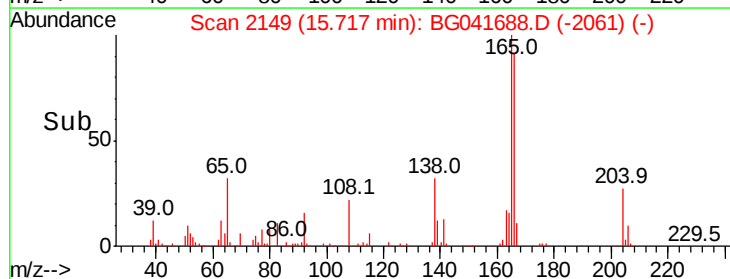
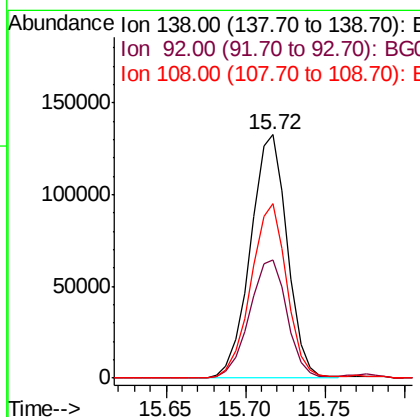
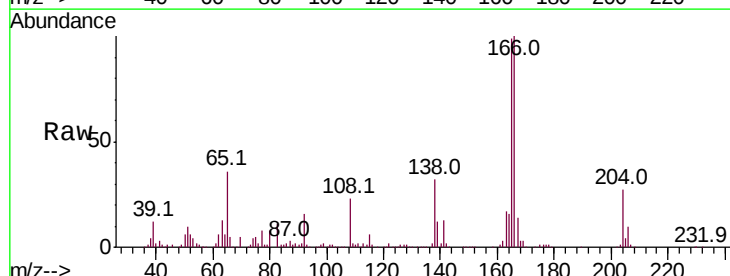
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

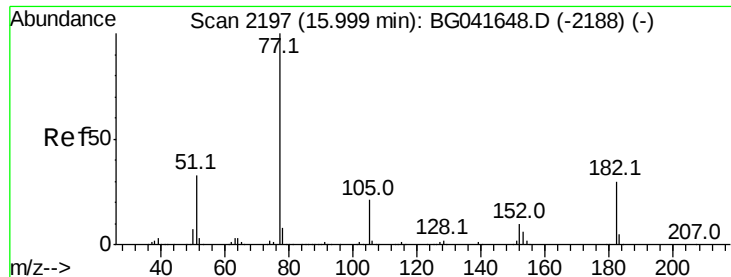
Tot Ion:204 Resp: 455754
 Ion Ratio Lower Upper
 204 100
 206 35.5 28.6 42.8
 141 52.3 42.9 64.3



#62
 4-Nitroaniline
 Concen: 48.061 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion:138 Resp: 213765
 Ion Ratio Lower Upper
 138 100
 92 48.4 29.8 69.8
 108 71.6 52.2 92.2





#63

Azobenzene

Concen: 46.081 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

Tot Ion: 77 Resp: 760167

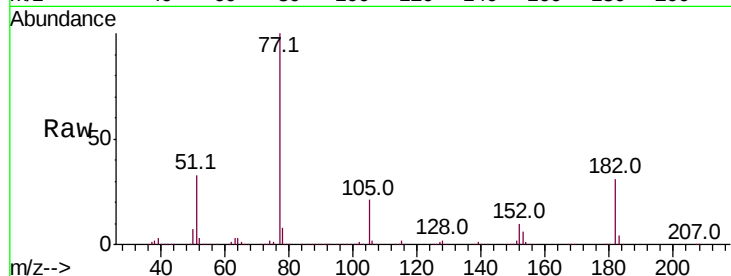
Ion Ratio Lower Upper

77 100

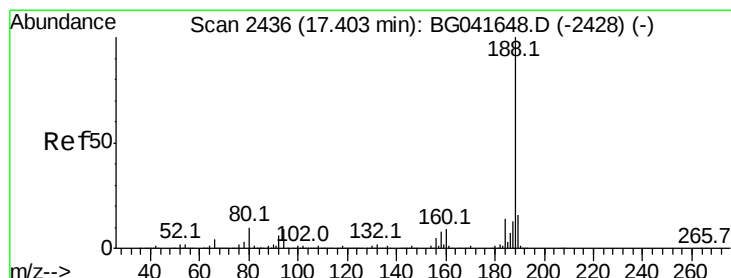
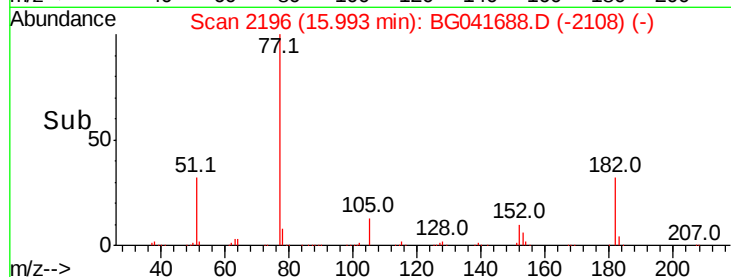
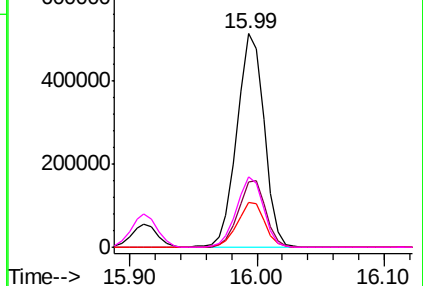
182 30.5 13.2 53.2

105 21.2 2.2 42.2

51 33.2 14.6 54.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
800000
Ion 182.00 (181.70 to 182.70): BGC
600000
Ion 105.00 (104.70 to 105.70): BGC
400000
Ion 51.00 (50.70 to 51.70): BGC
200000
0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

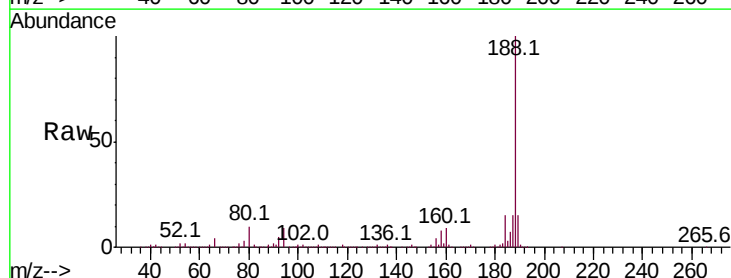
Tgt Ion: 188 Resp: 560425

Ion Ratio Lower Upper

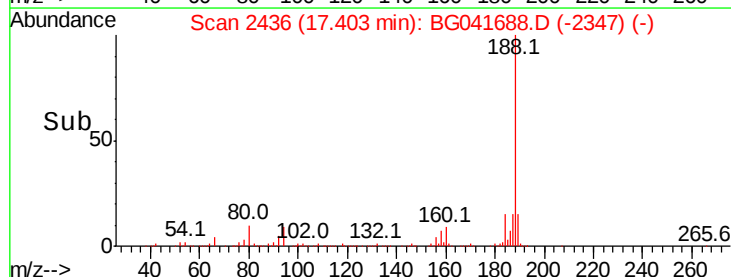
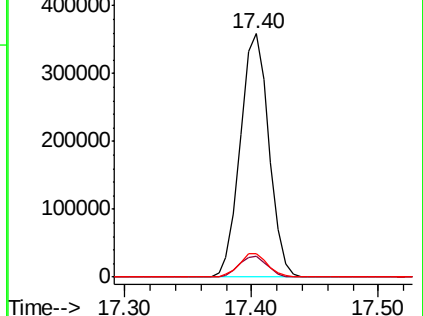
188 100

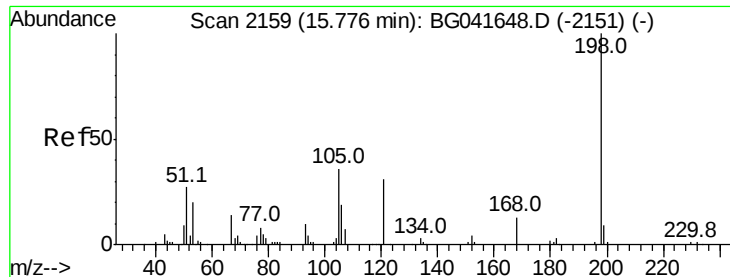
94 8.8 6.9 10.3

80 9.8 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
500000
Ion 94.00 (93.70 to 94.70): BGC
400000
Ion 80.00 (79.70 to 80.70): BGC
300000
200000
100000
0

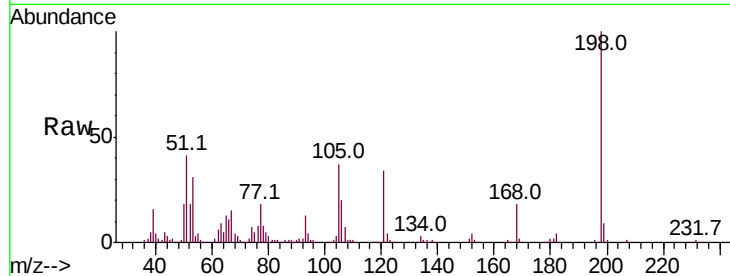




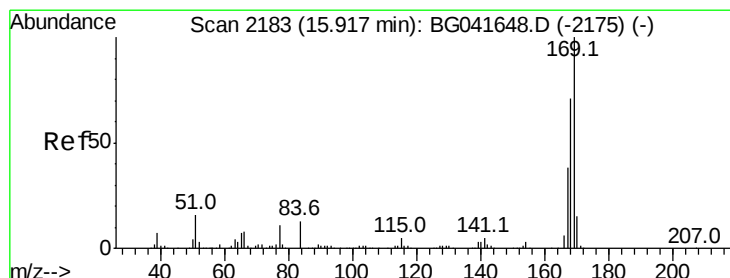
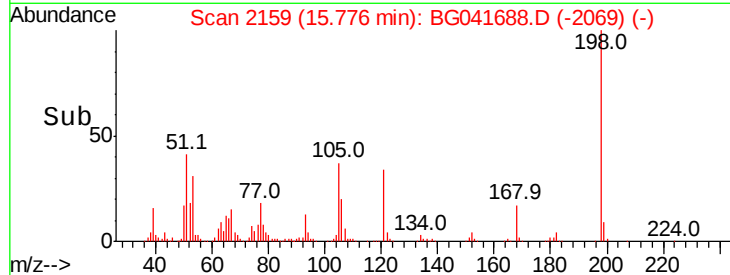
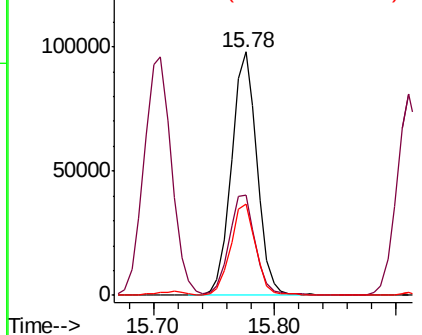
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.277 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.1	22.3	62.3
105	37.3	18.0	58.0

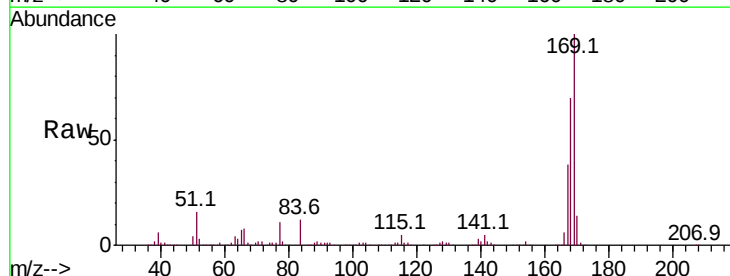


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

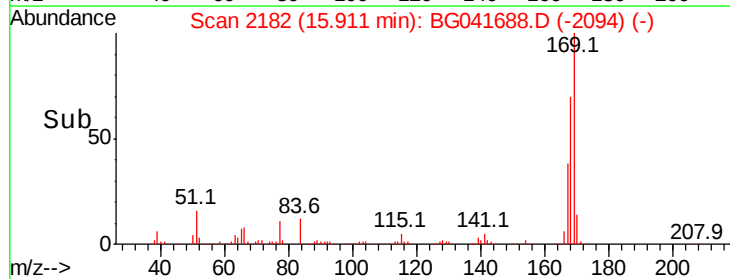
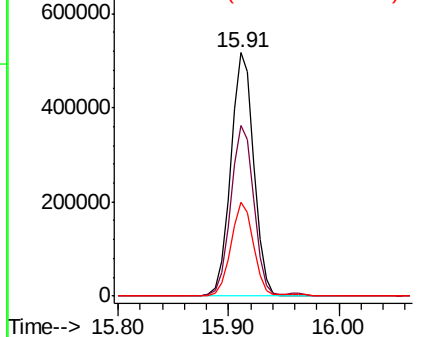


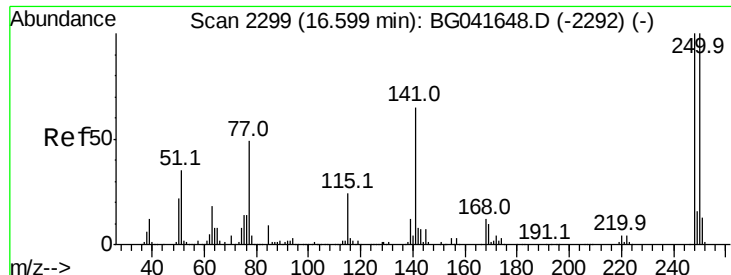
#66
 n-Nitrosodiphenylamine
 Concen: 45.804 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.8	56.9	85.3
167	38.3	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

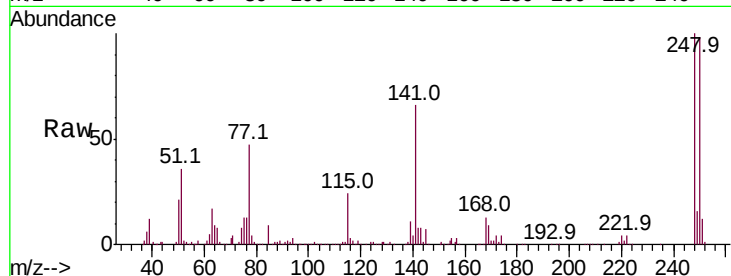




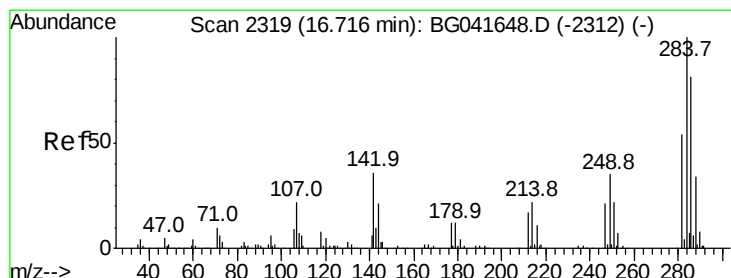
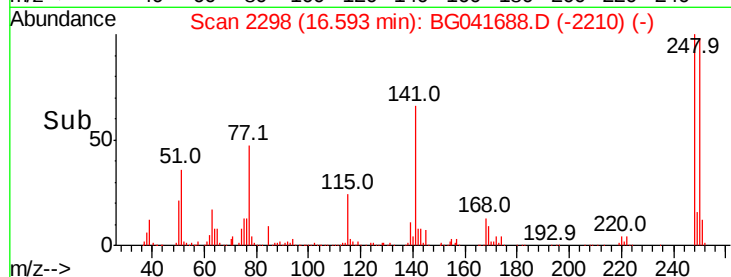
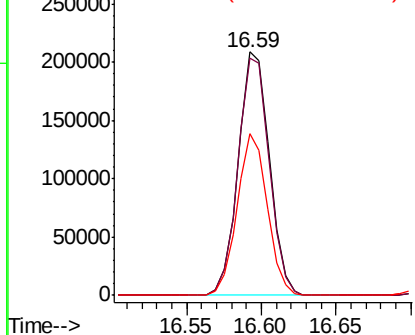
#67
 4-Bromophenyl-phenylether
 Concen: 45.217 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion:248 Resp: 301520
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.1 117.1
 141 66.2 49.6 74.4

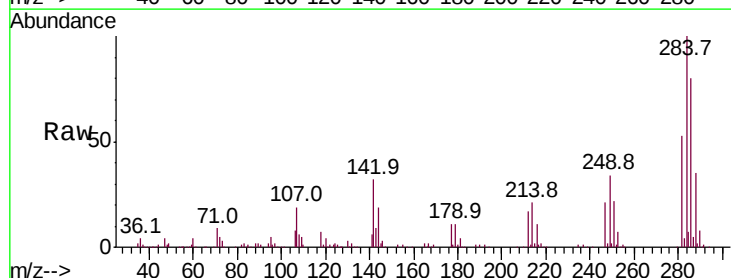


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

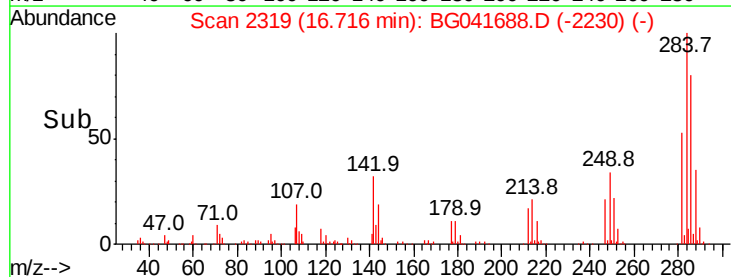
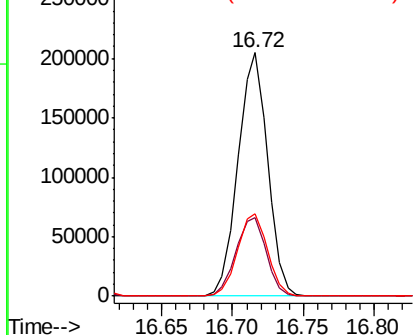


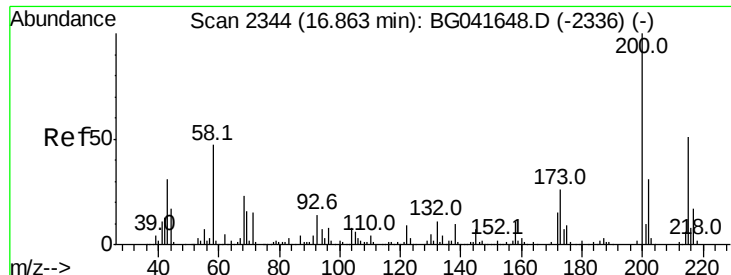
#68
 Hexachlorobenzene
 Concen: 44.535 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion:284 Resp: 299051
 Ion Ratio Lower Upper
 284 100
 142 32.2 27.0 40.6
 249 33.9 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

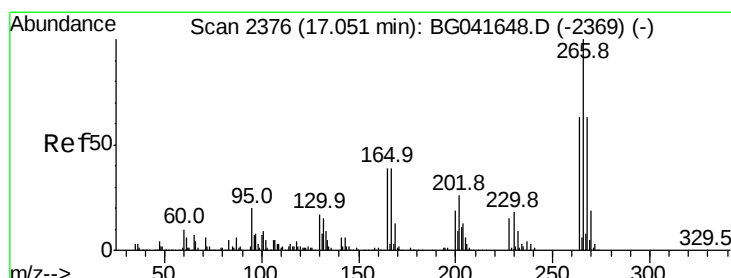
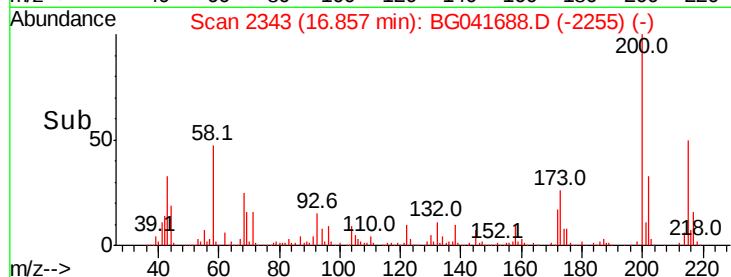
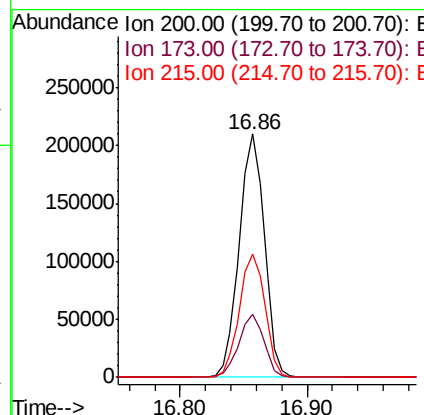
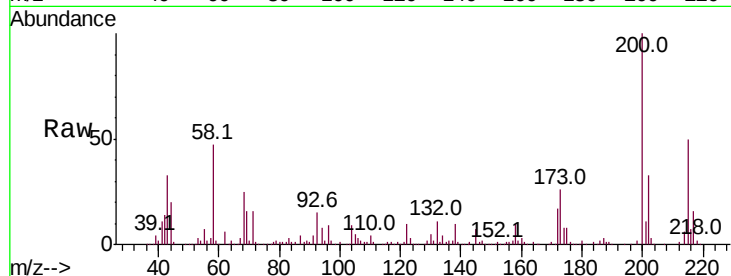




#69
 Atrazine
 Concen: 48.198 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

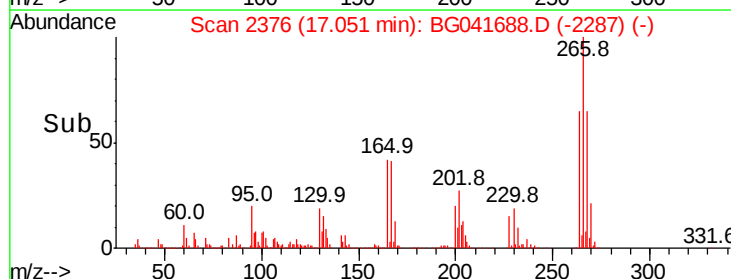
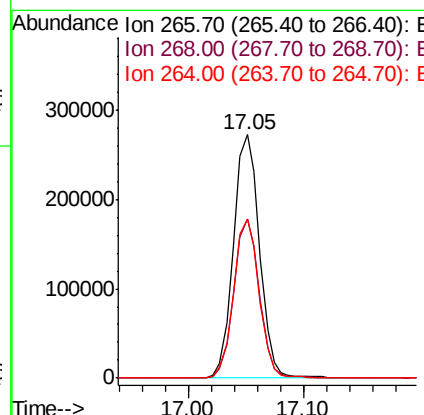
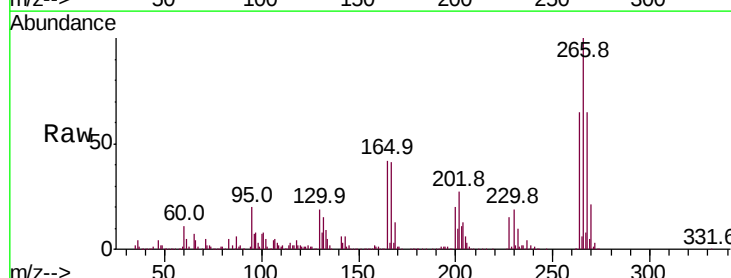
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

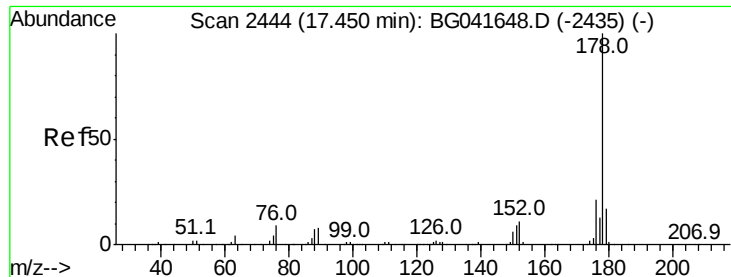
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.3	45.3
215	50.4	31.8	71.8



#70
 Pentachlorophenol
 Concen: 101.551 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.9	79.3
264	65.3	51.4	77.2





#71

Phenanthrene

Concen: 46.460 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

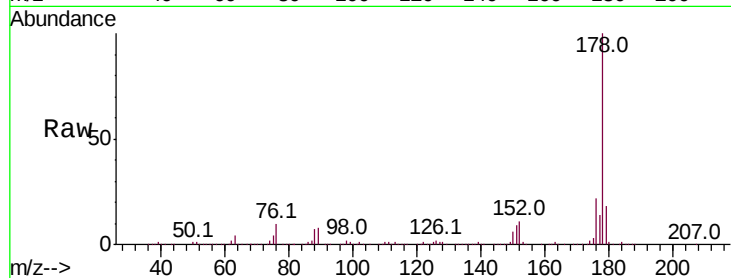
Tot Ion:178 Resp: 1311256

Ion Ratio Lower Upper

178 100

176 21.7 18.6 28.0

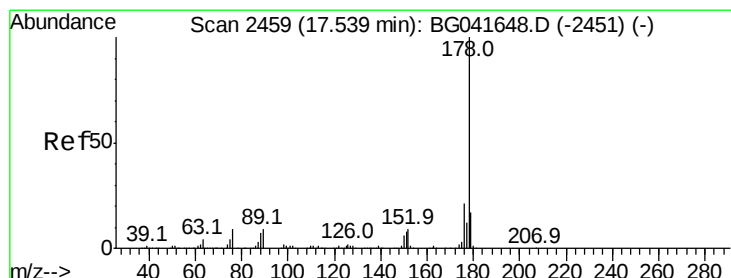
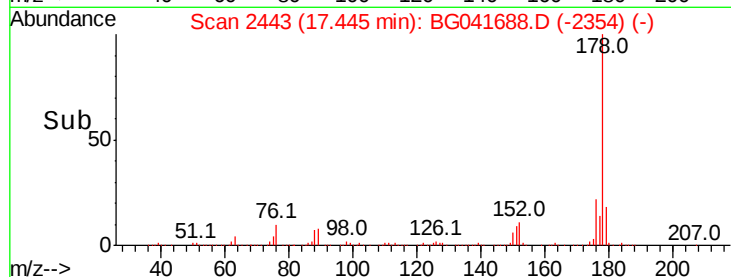
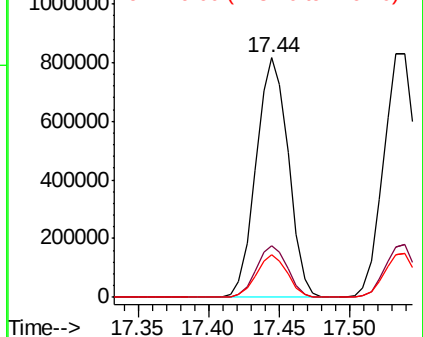
179 17.8 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.590 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

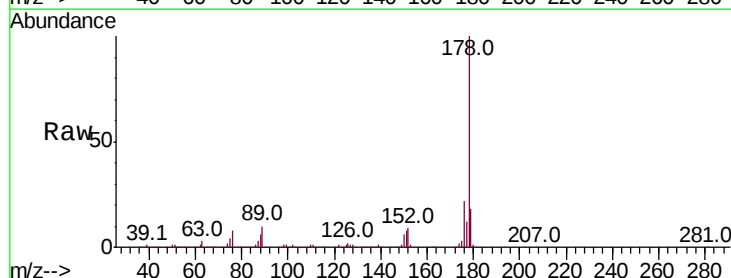
Tgt Ion:178 Resp: 1338837

Ion Ratio Lower Upper

178 100

176 21.8 18.6 28.0

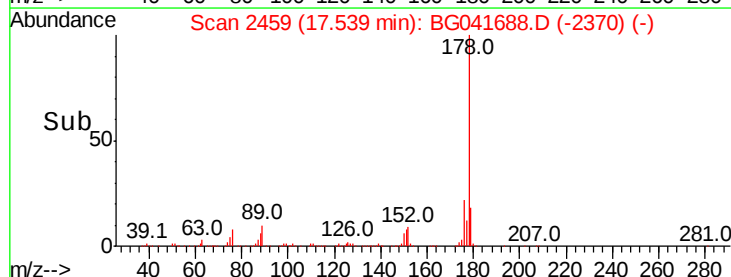
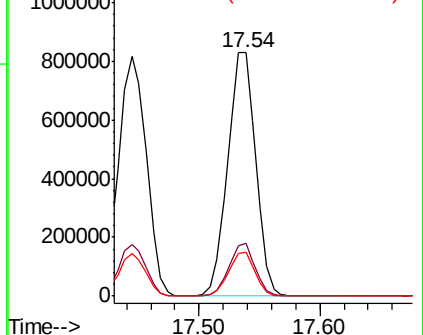
179 18.0 15.1 22.7

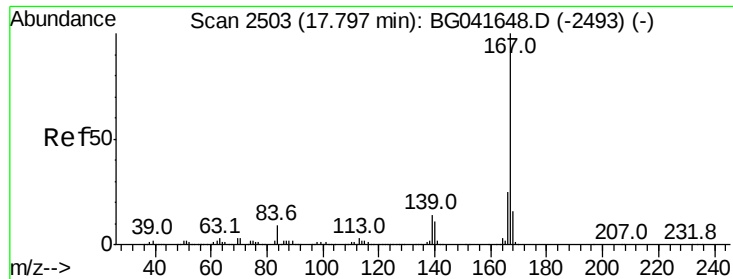


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



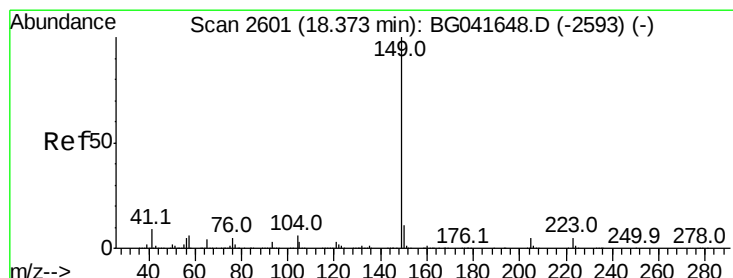
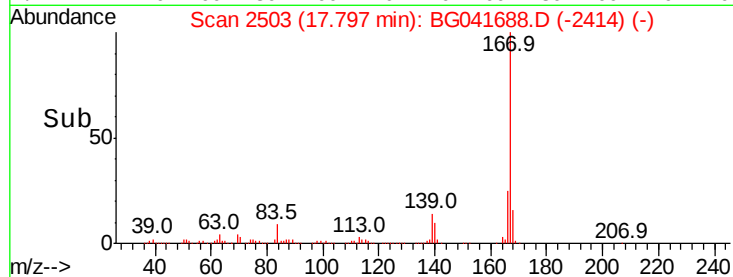
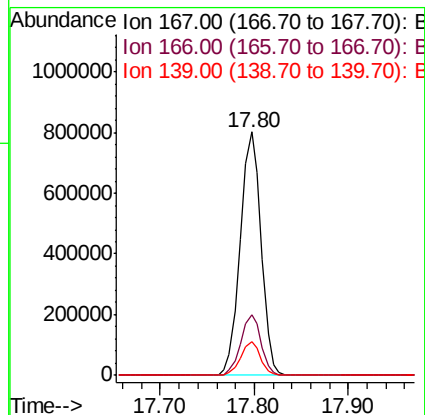
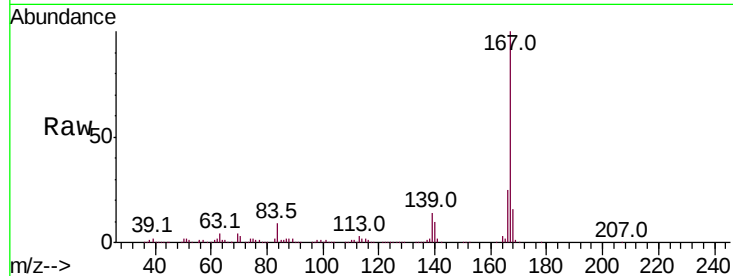


#73
 Carbazole
 Concen: 47.219 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion:167 Resp: 1232003

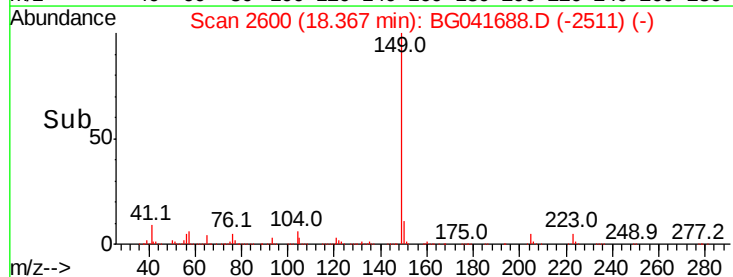
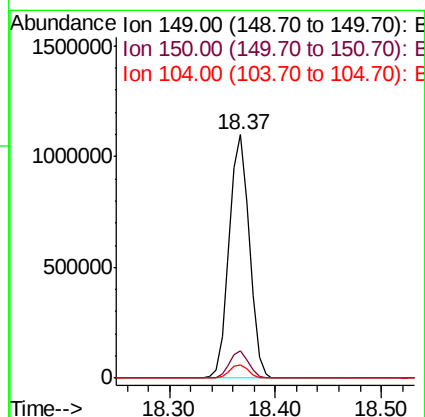
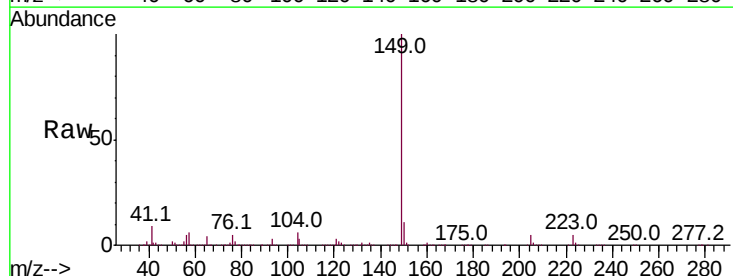
Ion	Ratio	Lower	Upper
167	100		
166	25.1	21.4	32.2
139	13.8	12.1	18.1

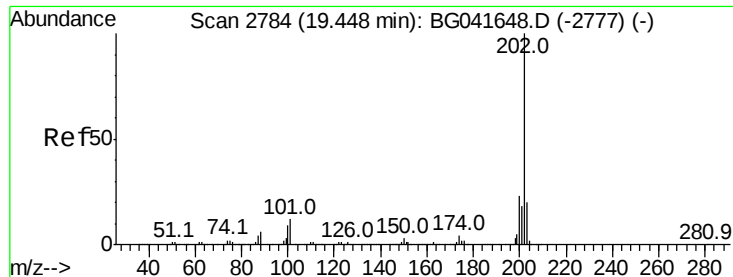


#74
 Di-n-butylphthalate
 Concen: 45.485 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion:149 Resp: 1447445

Ion	Ratio	Lower	Upper
149	100		
150	11.2	10.2	15.2
104	5.6	5.3	7.9





#75

Fluoranthene

Concen: 46.378 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

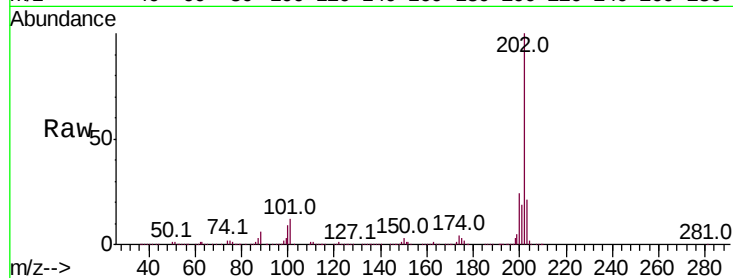
Tot Ion:202 Resp: 1607236

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.8
203	21.3	3.7	43.7

202 100

101 11.9 0.0 32.8

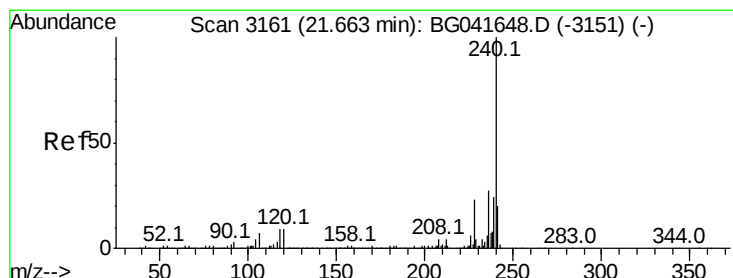
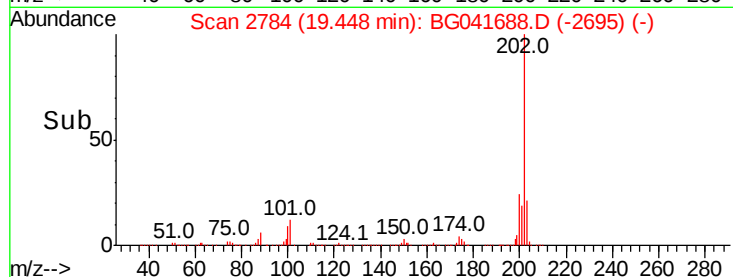
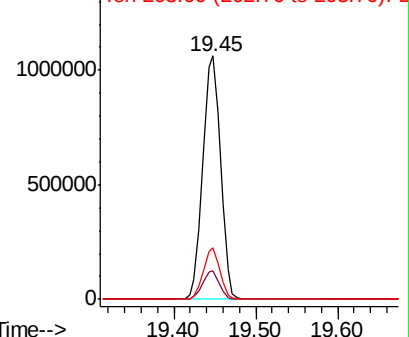
203 21.3 3.7 43.7



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

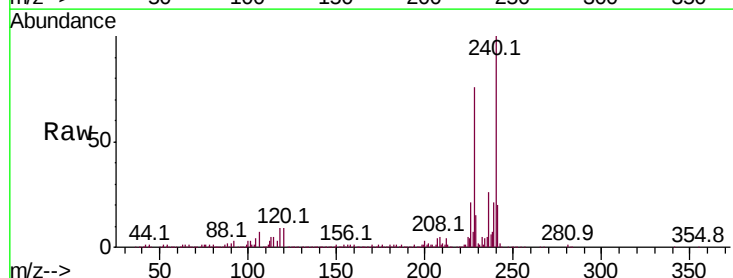
Tgt Ion:240 Resp: 545811

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.0	12.0
236	26.4	22.6	33.8

240 100

120 9.2 8.0 12.0

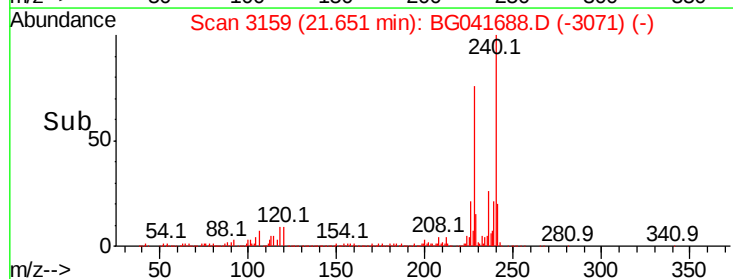
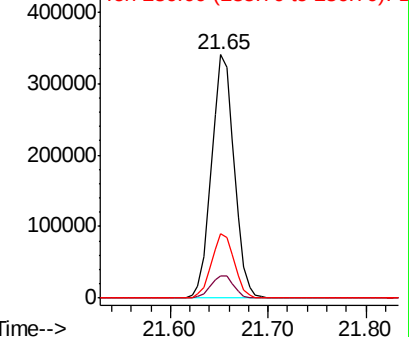
236 26.4 22.6 33.8

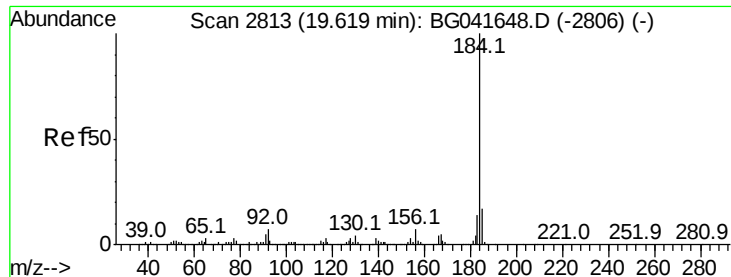


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.757 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

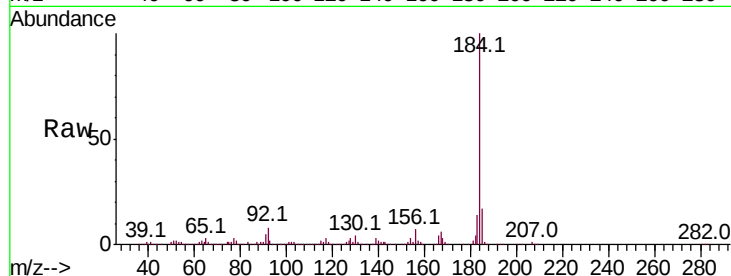
Tot Ion:184 Resp: 821634

Ion Ratio Lower Upper

184 100

185 16.9 13.0 19.4

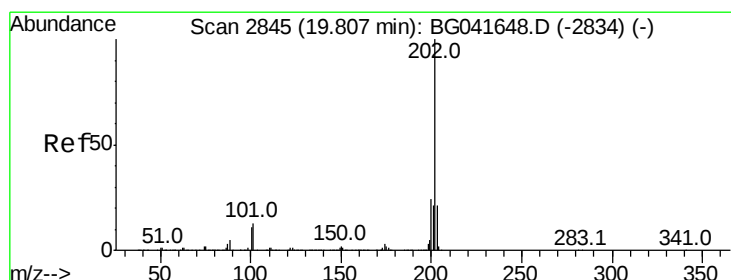
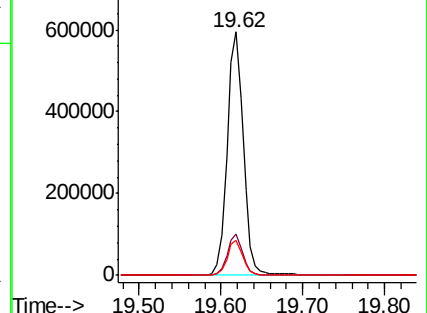
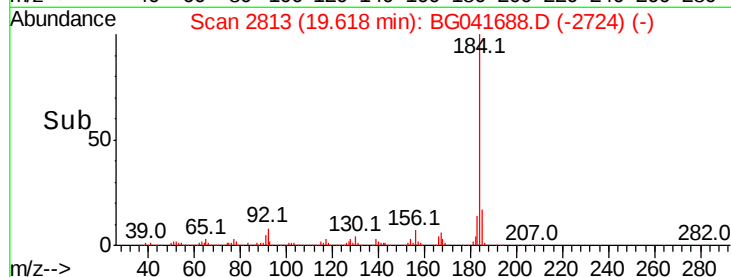
183 14.5 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.300 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

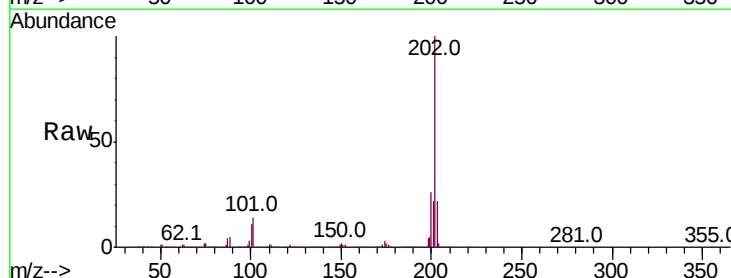
Tgt Ion:202 Resp: 1598416

Ion Ratio Lower Upper

202 100

200 25.5 22.2 33.2

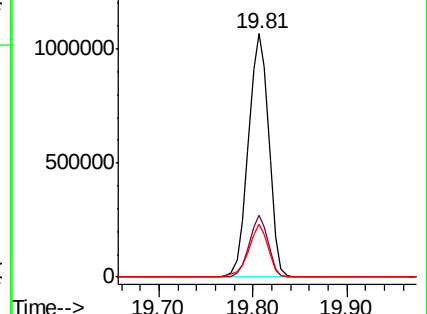
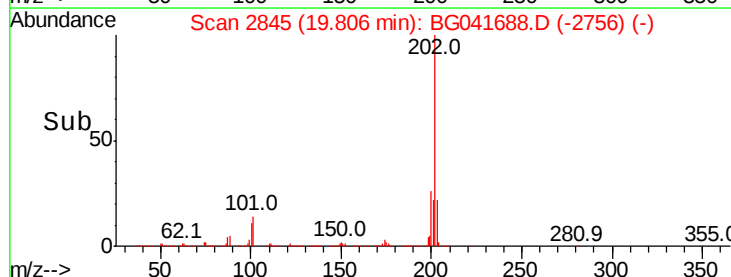
203 21.6 18.9 28.3

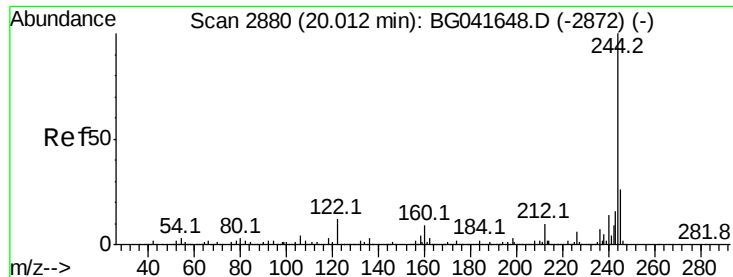


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.238 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

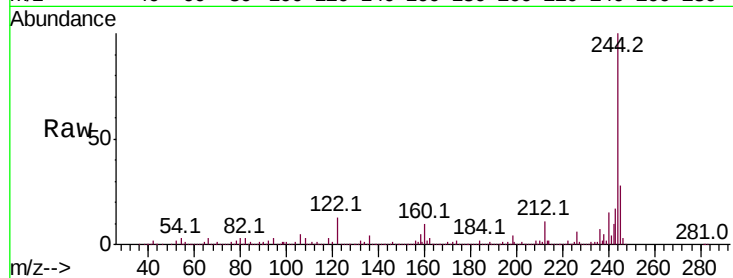
Tot Ion:244 Resp: 2107629

Ion	Ratio	Lower	Upper
244	100		
212	10.6	9.7	14.5
122	13.2	12.5	18.7

244 100

212 10.6 9.7 14.5

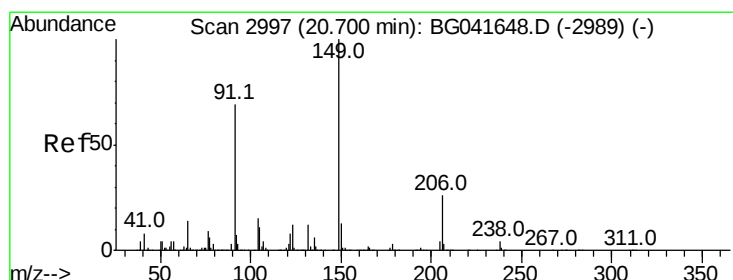
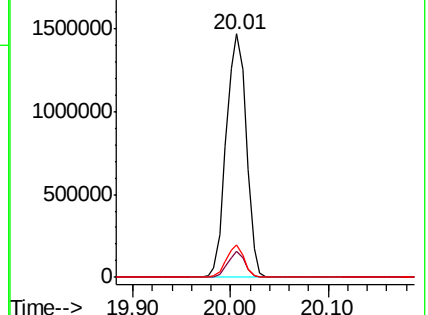
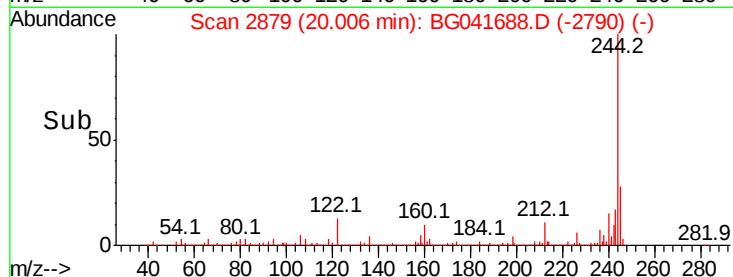
122 13.2 12.5 18.7



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.295 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

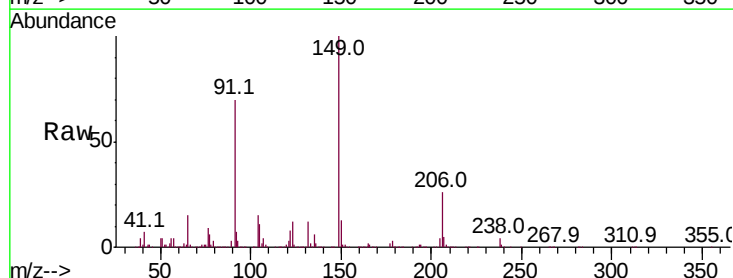
Tgt Ion:149 Resp: 694816

Ion	Ratio	Lower	Upper
149	100		
91	69.7	58.9	88.3
206	26.3	20.8	31.2

149 100

91 69.7 58.9 88.3

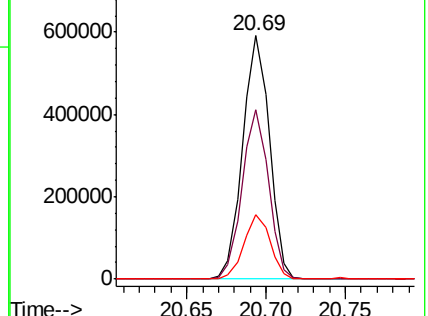
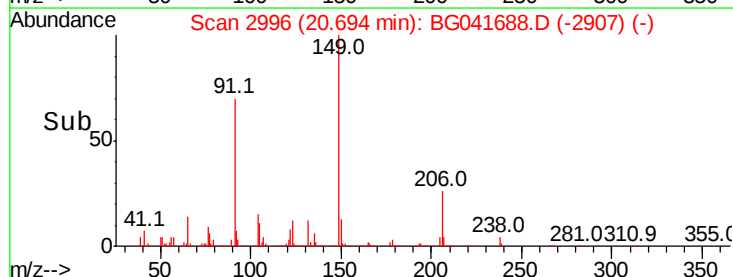
206 26.3 20.8 31.2

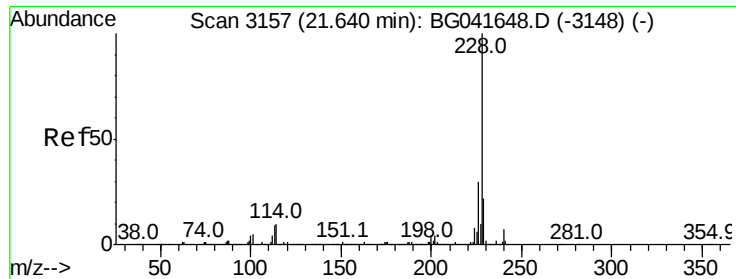


Abundance Ion 149.00 (148.70 to 149.70): E

800000 Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.760 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

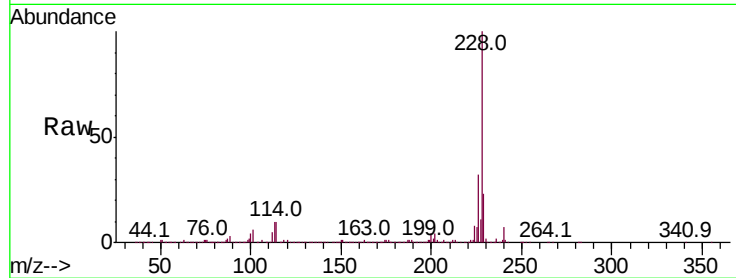
Tot Ion:228 Resp: 1578466

Ion	Ratio	Lower	Upper
228	100		
226	32.1	27.3	40.9
229	23.5	19.7	29.5

228 100

226 32.1 27.3 40.9

229 23.5 19.7 29.5

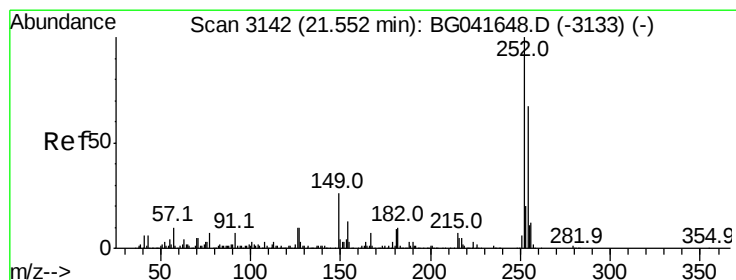
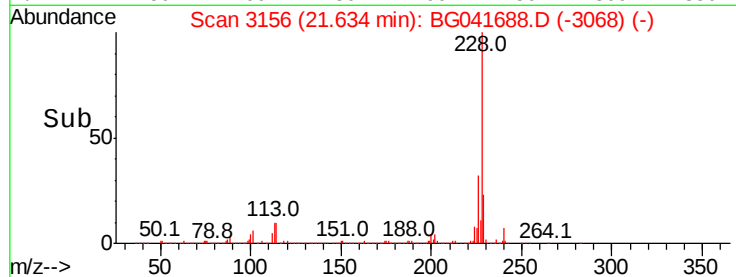
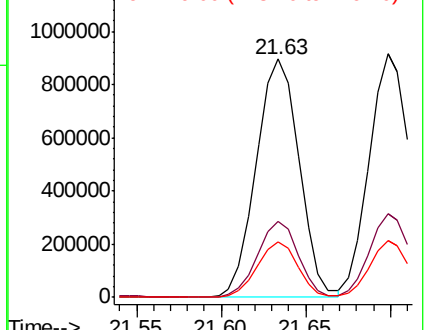


Abundance

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: 37.071 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

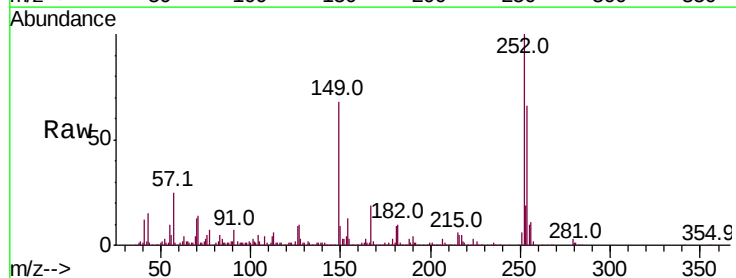
Tgt Ion:252 Resp: 514439

Ion	Ratio	Lower	Upper
252	100		
254	66.1	53.8	80.6
126	9.3	7.8	11.8

252 100

254 66.1 53.8 80.6

126 9.3 7.8 11.8

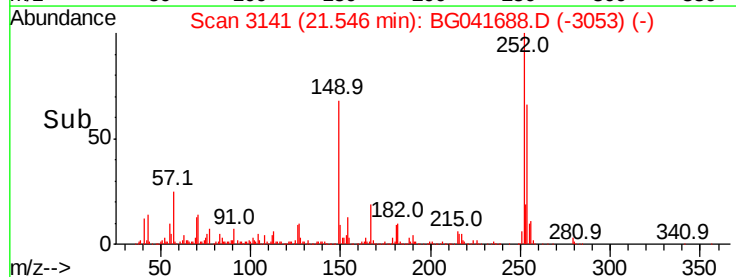
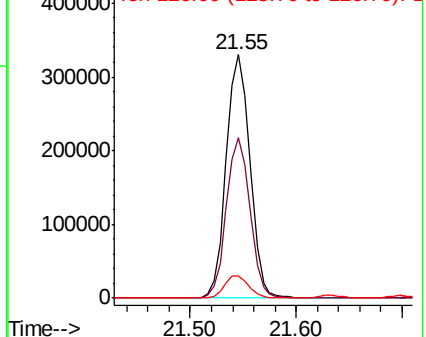


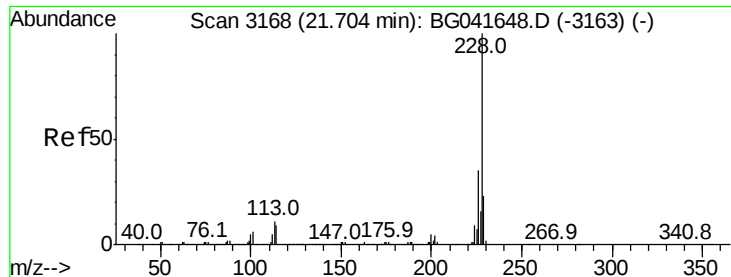
Abundance

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: 45.167 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

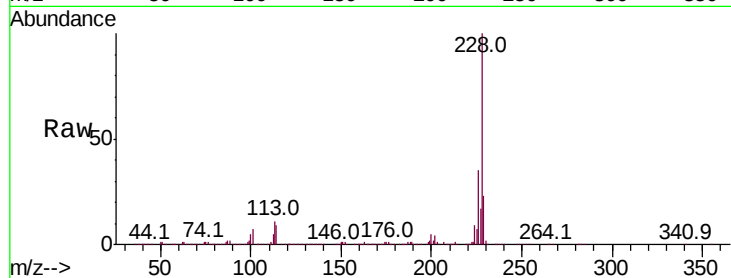
Tot Ion:228 Resp: 1521994

Ion Ratio Lower Upper

228 100

226 34.6 30.1 45.1

229 23.4 19.8 29.6

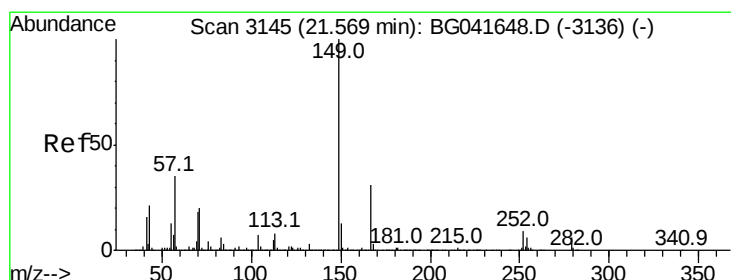
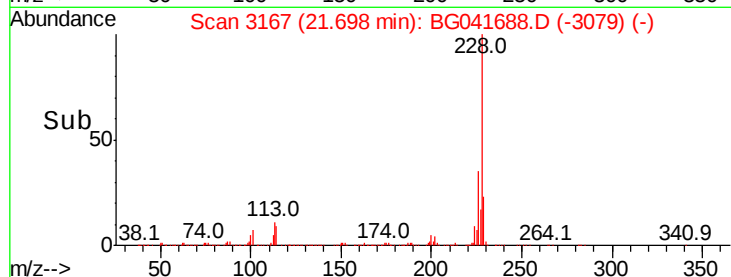
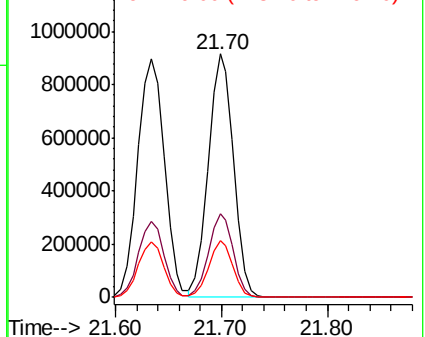


Abundance

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: 44.999 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

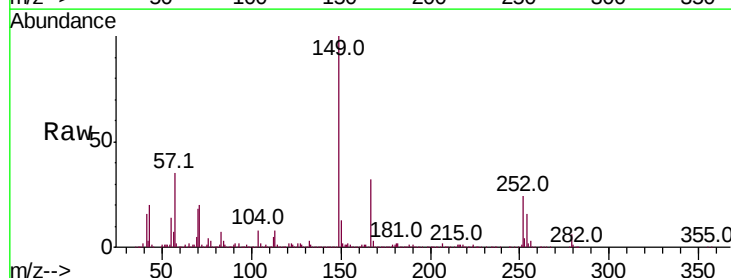
Tgt Ion:149 Resp: 974601

Ion Ratio Lower Upper

149 100

167 31.7 27.0 40.4

279 5.6 5.0 7.6

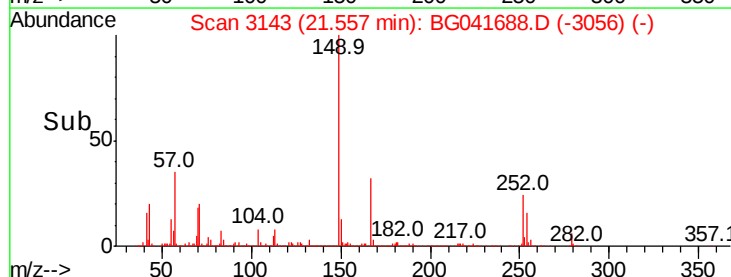
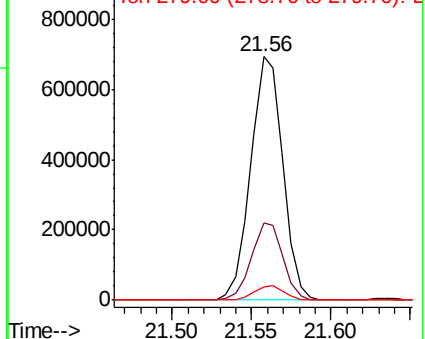


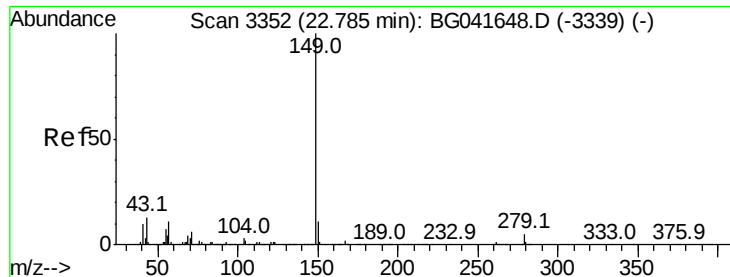
Abundance

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: 45.704 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.02 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

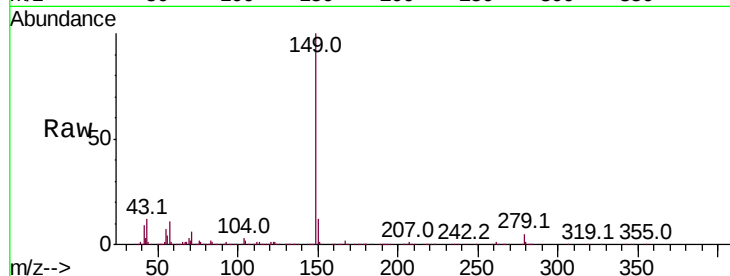
Tot Ion:149 Resp: 1685749

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

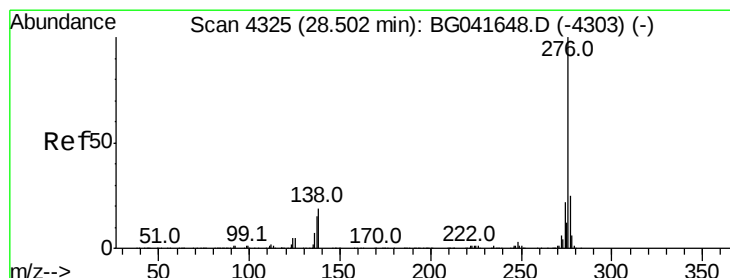
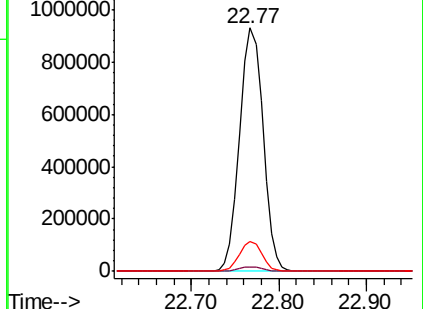
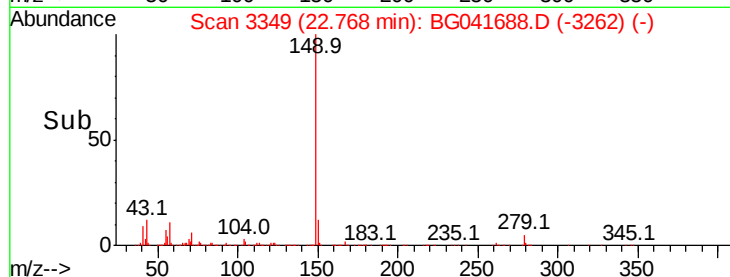
43 11.7 10.6 16.0



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: 44.713 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.03 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

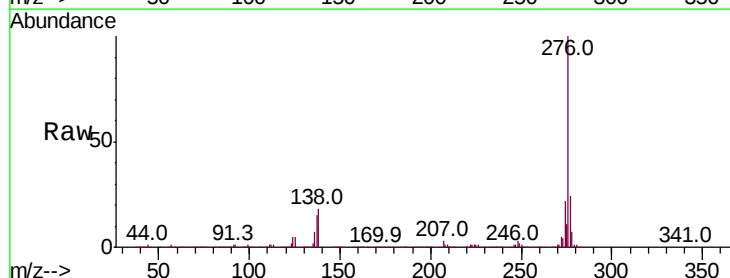
Tgt Ion:276 Resp: 1988059

Ion Ratio Lower Upper

276 100

138 15.6 19.4 29.0#

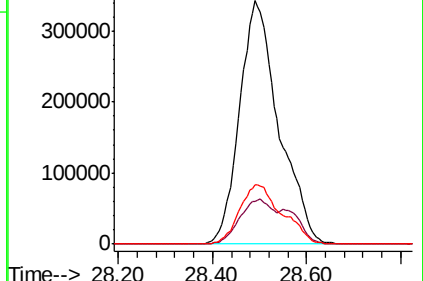
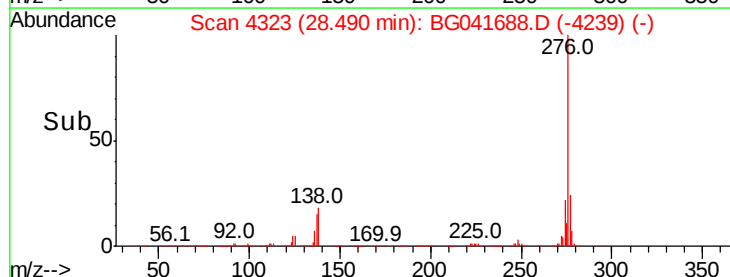
277 26.5 21.2 31.8

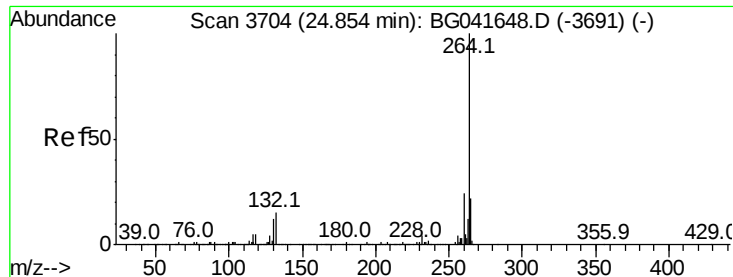


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

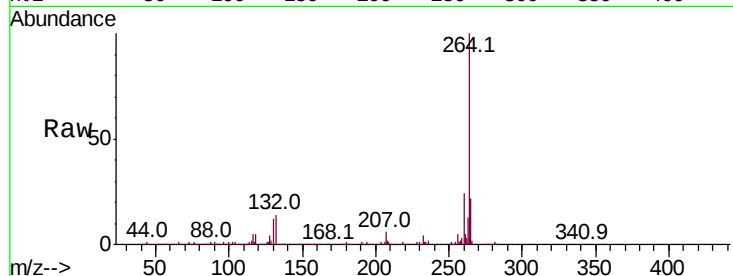
Tot Ion:264 Resp: 565068

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

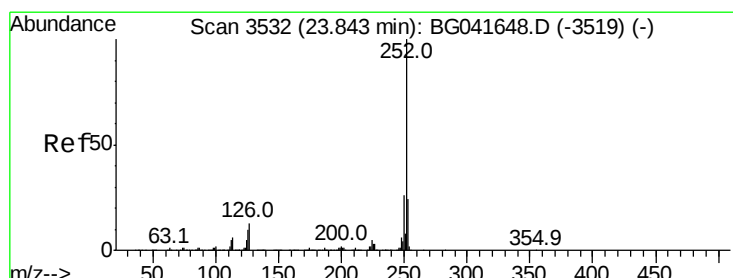
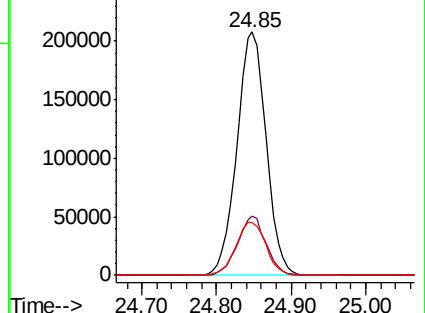
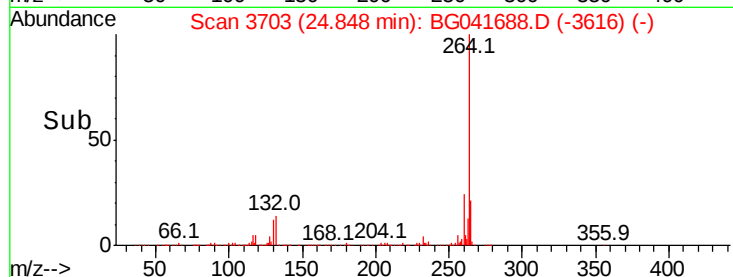
265 21.6 18.0 27.0



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: 50.813 ng

RT: 23.84 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

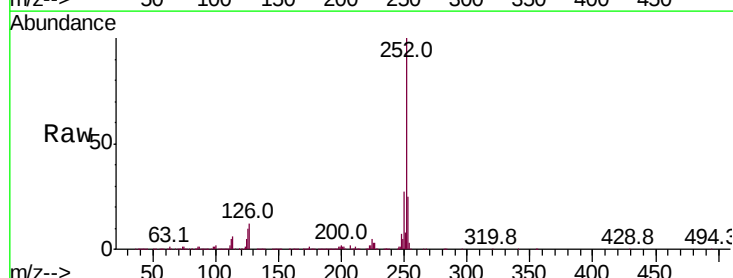
Tgt Ion:252 Resp: 1741632

Ion Ratio Lower Upper

252 100

253 24.9 20.6 30.8

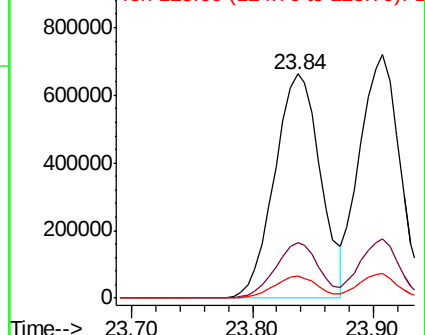
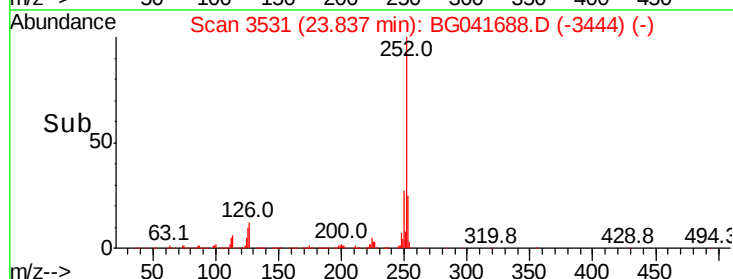
125 9.8 8.0 12.0

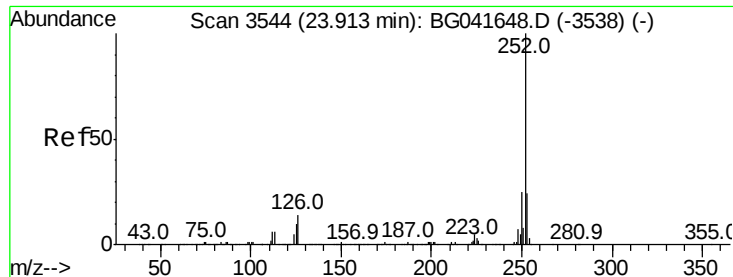


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

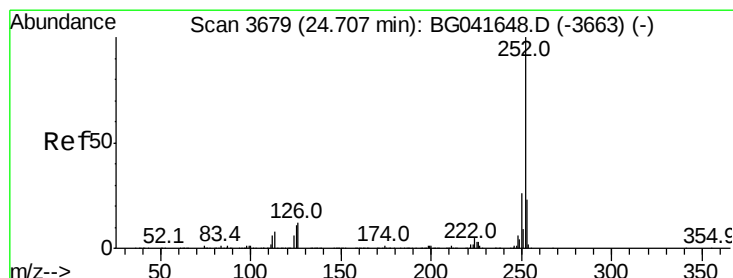
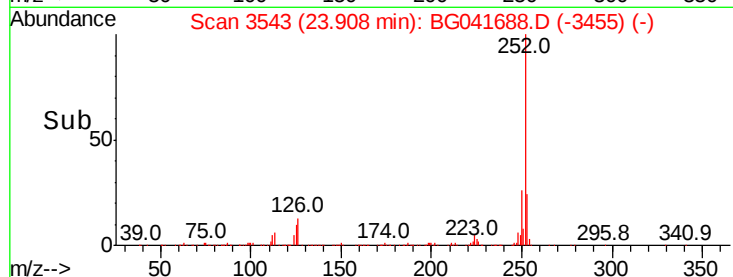
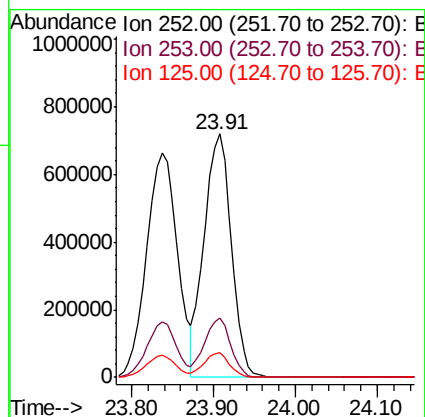
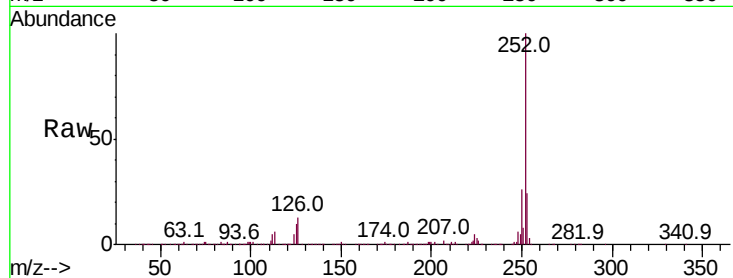




#89
Benzo(k)fluoranthene
Concen: 52.291 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

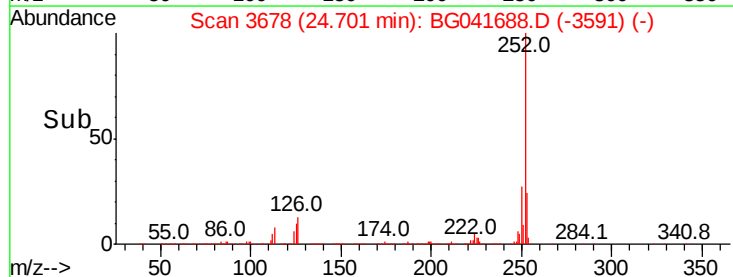
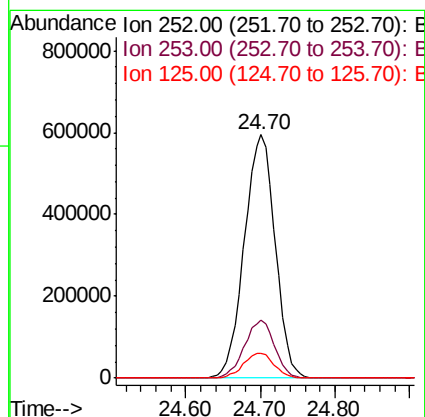
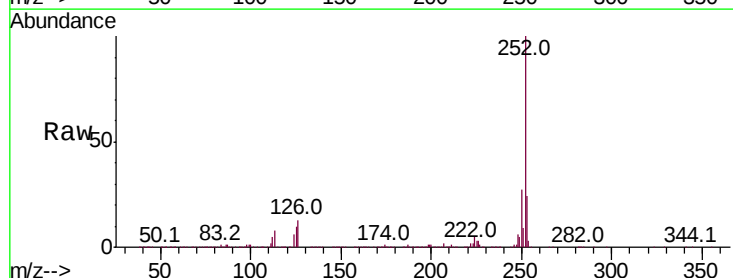
Instrument :
BNA_G
ClientSampleId :
PB121214BSD

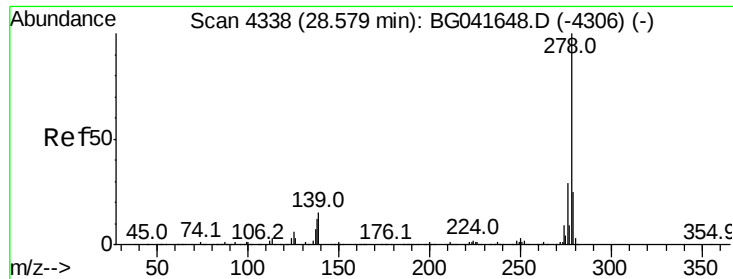
Tot Ion:252 Resp: 1660754
Ion Ratio Lower Upper
252 100
253 24.2 20.5 30.7
125 10.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 52.608 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion:252 Resp: 1706034
Ion Ratio Lower Upper
252 100
253 24.0 19.8 29.8
125 10.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.876 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.03 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

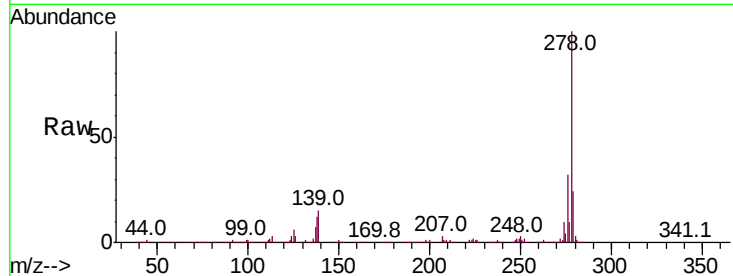
Tot Ion:278 Resp: 1631143

Ion Ratio Lower Upper

278 100

139 14.6 12.6 19.0

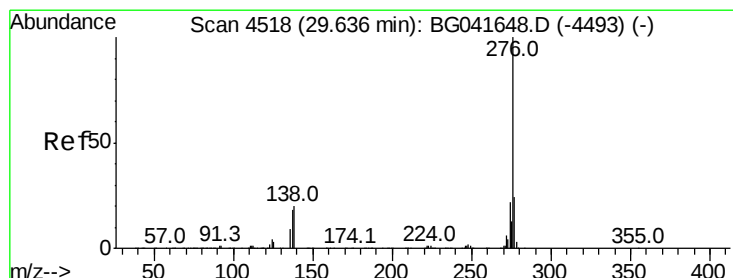
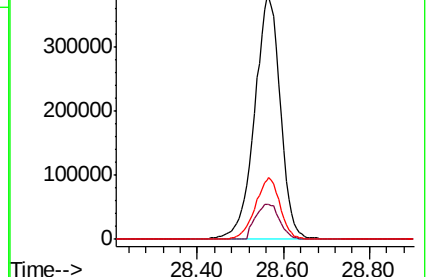
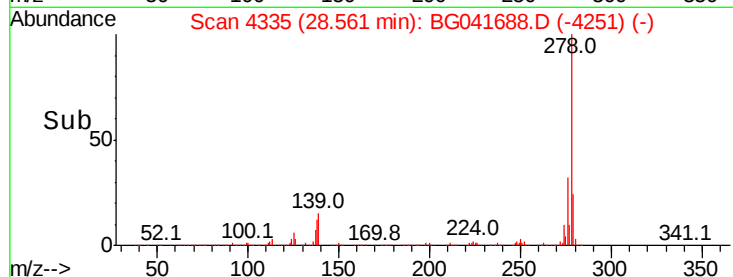
279 24.4 20.5 30.7



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: 51.913 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.03 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

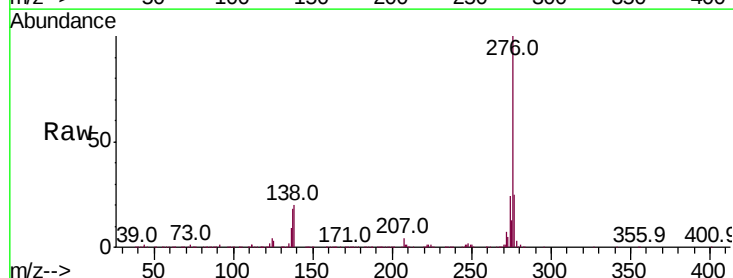
Tgt Ion:276 Resp: 1635782

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 20.1 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

