

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041686.D
 Acq On : 17 Jul 2019 12:49
 Operator : HP/JU
 Sample : PB121423BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Quant Time: Jul 18 07:07:34 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	91813	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	360244	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	232365	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	559482	20.00	ng	0.00
76) Chrysene-d12	21.66	240	539693	20.00	ng	0.00
87) Perylene-d12	24.85	264	560033	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	743978	132.47	ng	0.00
7) Phenol-d6	7.20	99	968383	128.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	570502	96.31	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	392894	150.03	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1378744	91.88	ng	0.00
79) Terphenyl-d14	20.00	244	2101961	91.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	106712	40.005	ng	98
3) Pyridine	3.89	79	264461	37.142	ng	97
4) n-Nitrosodimethylamine	3.80	42	132529	40.304	ng	94
6) Aniline	7.37	93	327046	32.212	ng	98
8) 2-Chlorophenol	7.61	128	283505	44.589	ng	98
9) Benzaldehyde	7.18	77	205876	46.027	ng	93
10) Phenol	7.23	94	350987	44.100	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	262353	40.815	ng	98
12) 1,3-Dichlorobenzene	7.94	146	313362	41.304	ng	99
13) 1,4-Dichlorobenzene	8.08	146	318694	41.946	ng	97
14) 1,2-Dichlorobenzene	8.41	146	297579	41.542	ng	96
15) Benzyl Alcohol	8.28	79	248732	41.358	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	517384	38.844	ng	98
17) 2-Methylphenol	8.48	107	246609	44.805	ng	99
18) Hexachloroethane	9.14	117	114096	41.000	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	220496	39.934	ng	98
20) 3+4-Methylphenols	8.81	107	339036	44.949	ng	98
22) Acetophenone	8.86	105	400706	45.670	ng	# 97
24) Nitrobenzene	9.25	77	303053	46.898	ng	99
25) Isophorone	9.78	82	574914	44.323	ng	99
26) 2-Nitrophenol	9.96	139	148813	49.987	ng	98
27) 2,4-Dimethylphenol	10.02	122	276751	53.925	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	358117	44.796	ng	100
29) 2,4-Dichlorophenol	10.50	162	291383	49.798	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	311231	45.300	ng	99
31) Naphthalene	10.90	128	821541	46.322	ng	98
32) Benzoic acid	10.14	122	192902	49.322	ng	98
33) 4-Chloroaniline	11.00	127	229260	28.024	ng	98
34) Hexachlorobutadiene	11.20	225	193947	43.921	ng	98
35) Caprolactam	11.80	113	52177	24.260	ng	# 84
36) 4-Chloro-3-methylphenol	12.11	107	299752	48.900	ng	99
37) 2-Methylnaphthalene	12.51	142	630639	46.542	ng	100
38) 1-Methylnaphthalene	12.72	142	600036	46.450	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	356169	44.748	ng	99

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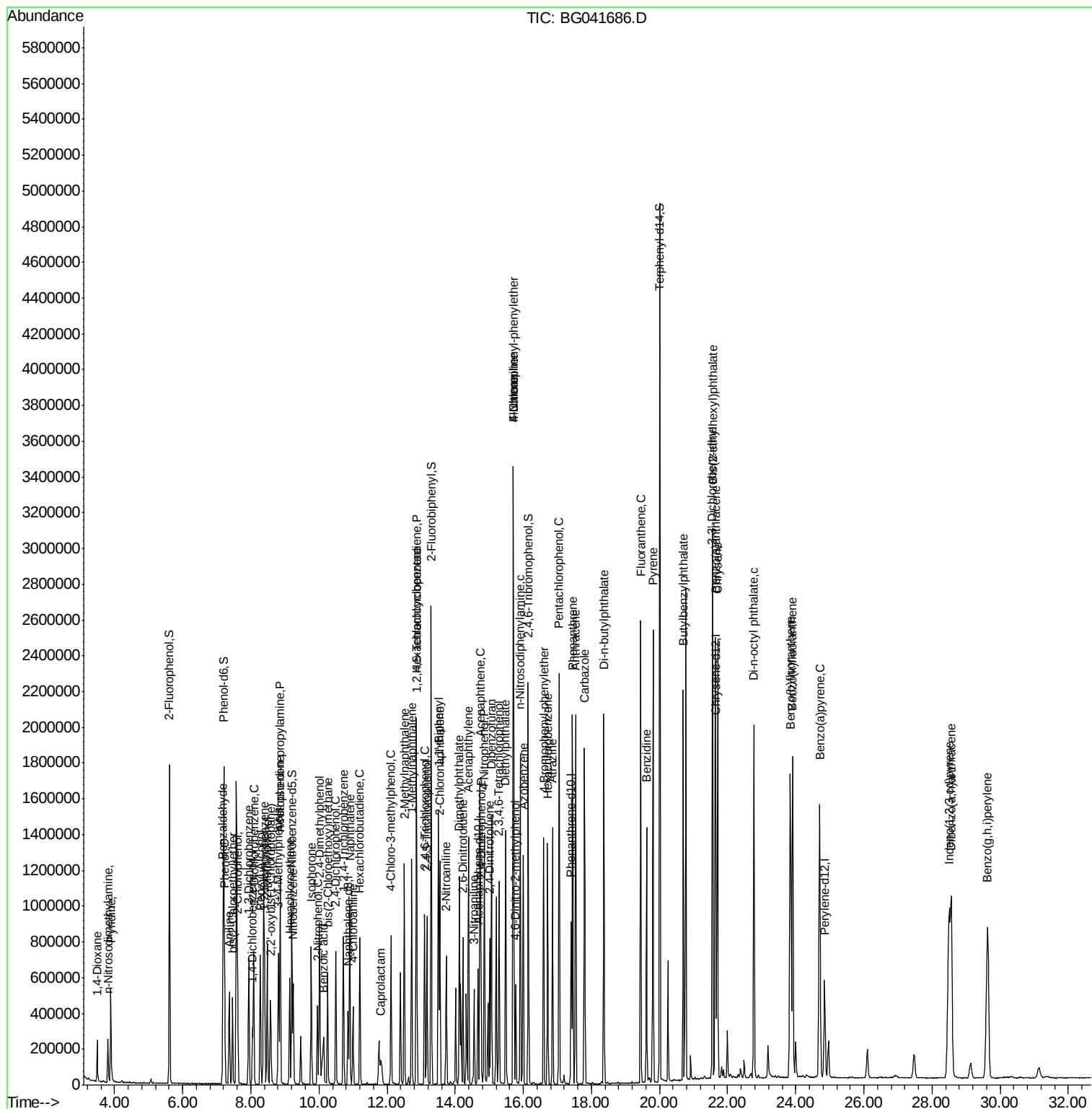
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	398645	88.540	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	252785	48.879	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	267780	49.144	nq	98
46) 1,1'-Biphenyl	13.51	154	793665	45.591	nq	98
47) 2-Chloronaphthalene	13.55	162	639225	44.059	nq	97
48) 2-Nitroaniline	13.74	65	203129	48.087	nq	99
49) Acenaphthylene	14.39	152	1022406	45.141	nq	98
50) Dimethylphthalate	14.12	163	832015	45.591	nq	99
51) 2,6-Dinitrotoluene	14.23	165	195208	50.429	nq	95
52) Acenaphthene	14.73	154	704098	49.330	nq	99
53) 3-Nitroaniline	14.55	138	139772	33.077	nq	# 93
54) 2,4-Dinitrophenol	14.76	184	203118	101.523	nq	96
55) Dibenzofuran	15.06	168	984171	45.950	nq	98
56) 4-Nitrophenol	14.86	139	380936	111.347	nq	97
57) 2,4-Dinitrotoluene	15.02	165	267750	52.326	nq	97
58) Fluorene	15.71	166	794862	45.609	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	254648	50.622	nq	99
60) Diethylphthalate	15.48	149	835980	45.471	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	448173	45.494	nq	98
62) 4-Nitroaniline	15.72	138	209283	46.698	nq	99
63) Azobenzene	16.00	77	746272	44.898	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	141758	52.626	nq	97
66) n-Nitrosodiphenylamine	15.92	169	749786	45.635	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	298966	44.909	nq	99
68) Hexachlorobenzene	16.71	284	300144	44.773	nq	96
69) Atrazine	16.86	200	281797	47.262	nq	99
70) Pentachlorophenol	17.05	266	418166	99.764	nq	98
71) Phenanthrene	17.44	178	1294655	45.949	nq	97
72) Anthracene	17.54	178	1321511	47.053	nq	97
73) Carbazole	17.80	167	1219971	46.837	nq	97
74) Di-n-butylphthalate	18.37	149	1426825	44.913	nq	96
75) Fluoranthene	19.45	202	1596702	46.151	nq	95
77) Benzidine	19.62	184	810722	43.630	nq	99
78) Pyrene	19.80	202	1604461	43.957	nq	95
80) Butylbenzylphthalate	20.69	149	681832	44.953	nq	97
81) Benzo(a)anthracene	21.63	228	1545774	44.330	nq	97
82) 3,3'-Dichlorobenzidine	21.54	252	511122	37.249	nq	96
83) Chrysene	21.70	228	1515280	45.477	nq	96
84) Bis(2-ethylhexyl)phthalate	21.56	149	956206	44.650	nq	98
85) Di-n-octyl phthalate	22.77	149	1645144	45.109	nq	97
86) Indeno(1,2,3-cd)pyrene	28.49	276	1957254	44.519	nq	# 92
88) Benzo(b)fluoranthene	23.84	252	1706442	50.234	nq	98
89) Benzo(k)fluoranthene	23.91	252	1637540	52.023	nq	98
90) Benzo(a)pyrene	24.70	252	1674560	52.101	nq	99
91) Dibenzo(a,h)anthracene	28.57	278	1598166	51.284	nq	100
92) Benzo(g,h,i)perylene	29.63	276	1612602	51.637	nq	98

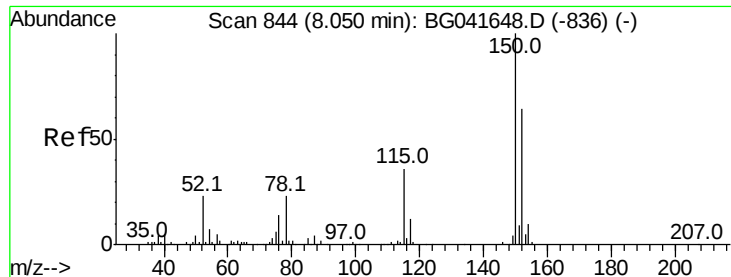
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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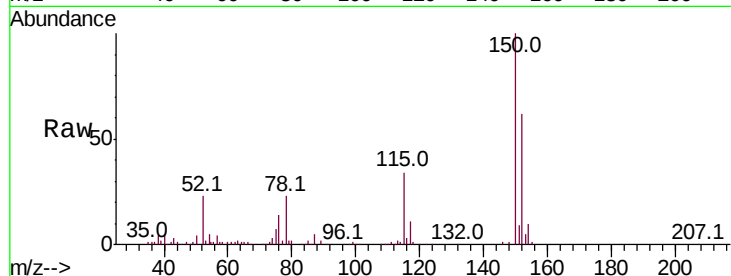


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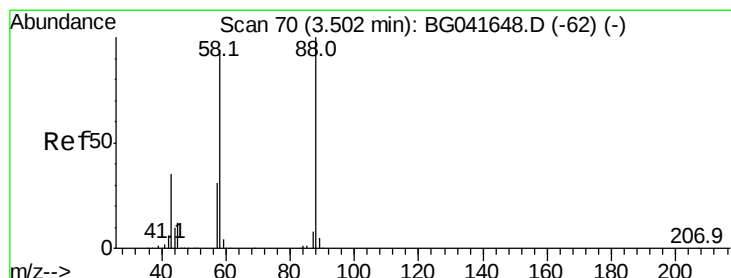
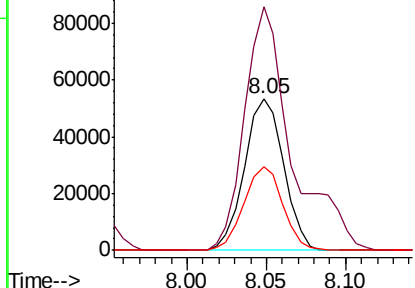
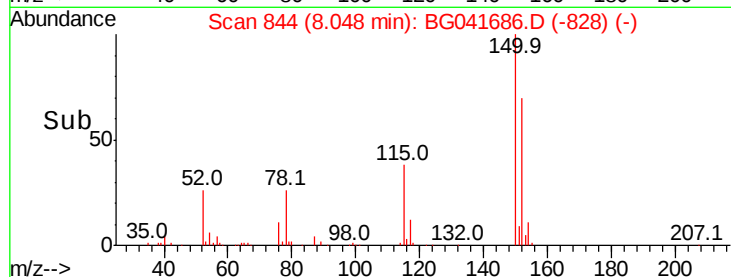
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:152 Resp: 91813
Ion Ratio Lower Upper
152 100
150 160.2 126.9 190.3
115 54.8 45.0 67.6



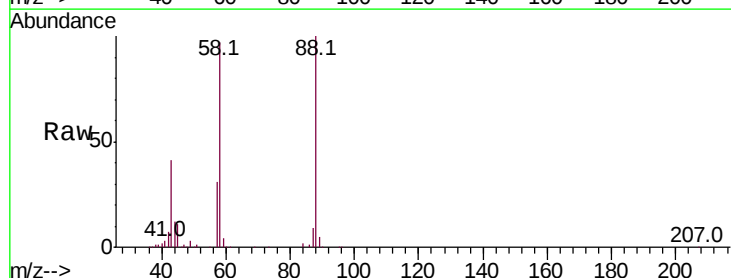
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



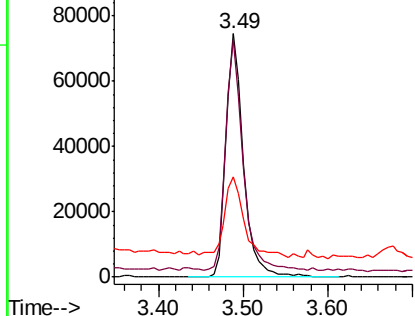
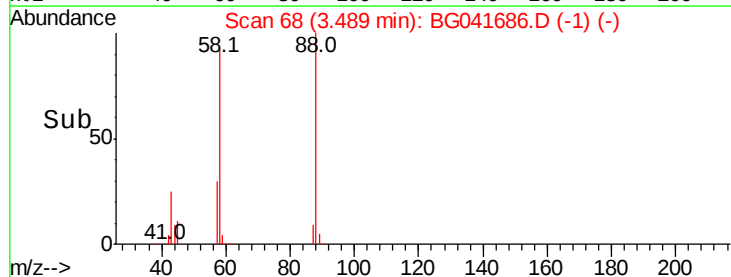
#2

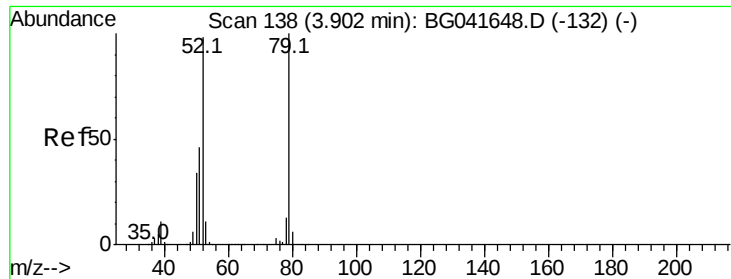
1,4-Dioxane
Concen: 40.005 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion: 88 Resp: 106712
Ion Ratio Lower Upper
88 100
58 93.5 76.2 114.2
43 35.7 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: 37.142 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

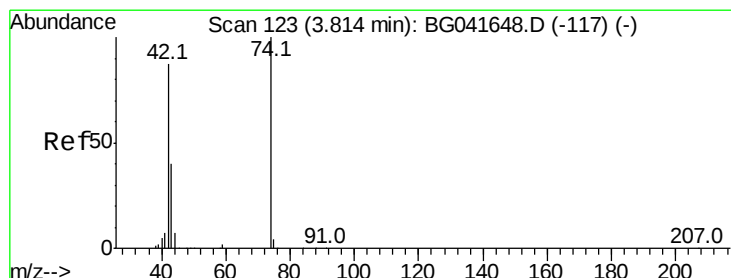
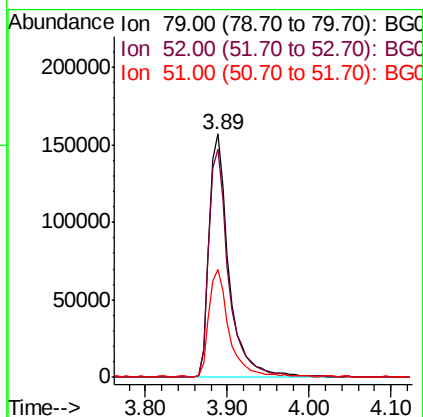
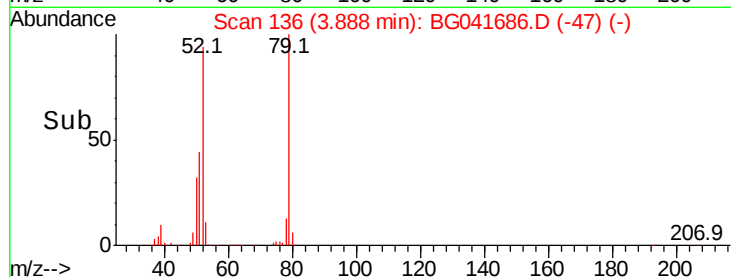
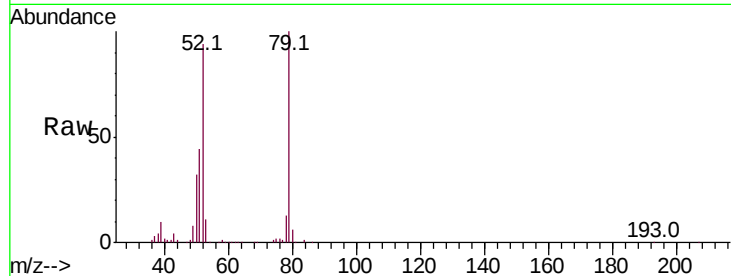
Tot Ion: 79 Resp: 264461

Ion Ratio Lower Upper

79 100

52 93.9 77.1 115.7

51 44.5 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 40.304 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

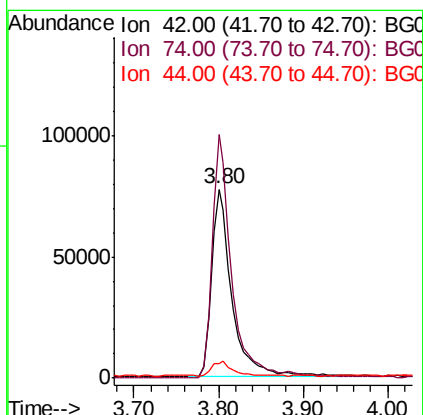
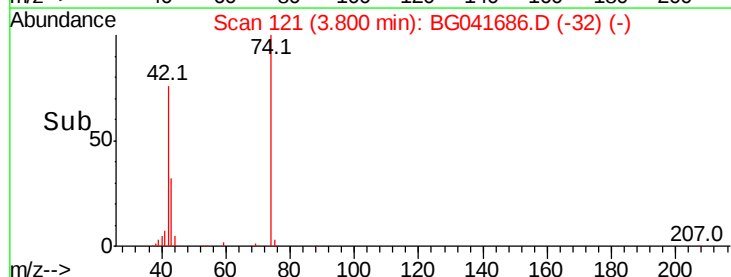
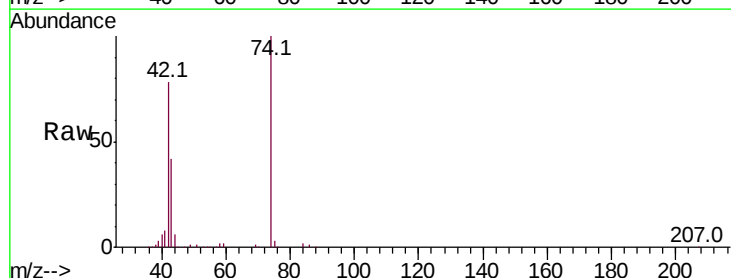
Tgt Ion: 42 Resp: 132529

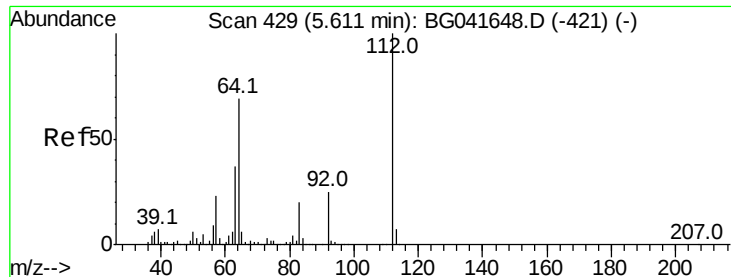
Ion Ratio Lower Upper

42 100

74 129.0 97.4 146.2

44 7.6 6.6 9.8





#5

2-Fluorophenol

Concen: 132.467 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

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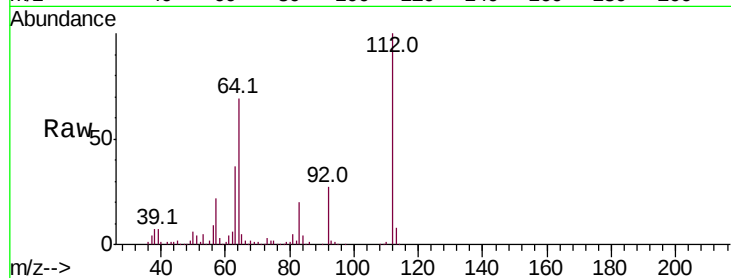
Tot Ion:112 Resp: 743978

Ion Ratio Lower Upper

112 100

64 69.3 55.4 83.2

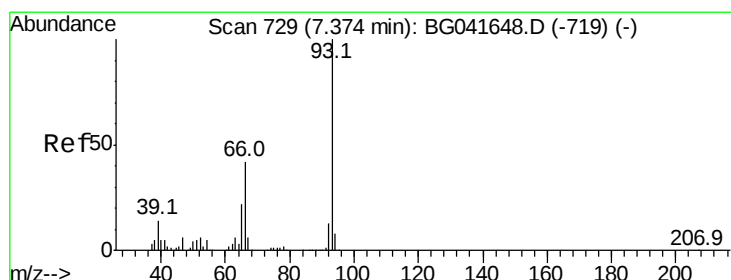
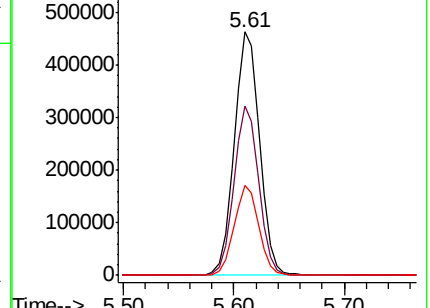
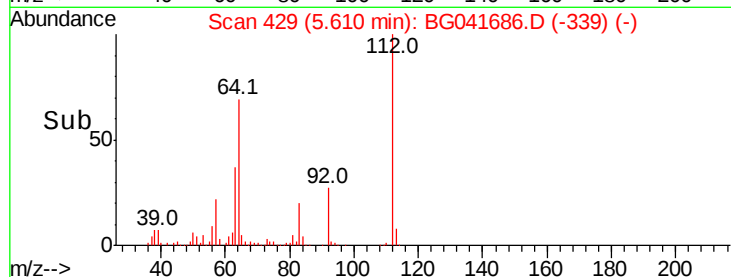
63 36.8 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.212 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

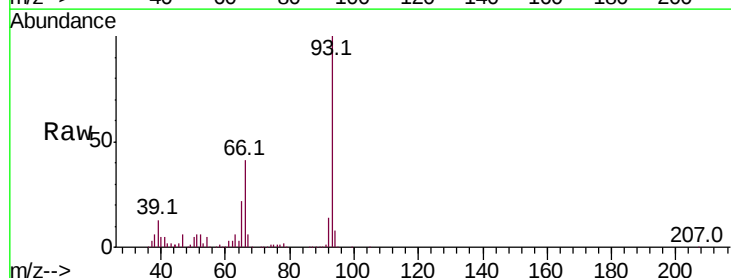
Tgt Ion: 93 Resp: 327046

Ion Ratio Lower Upper

93 100

66 41.1 34.2 51.2

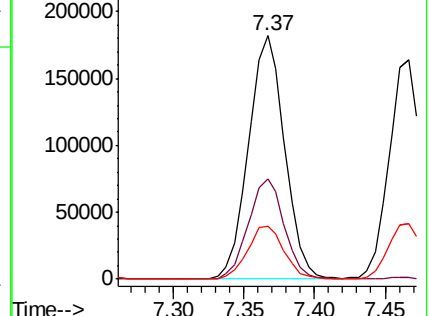
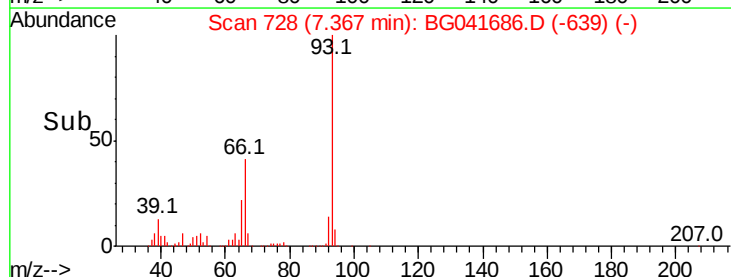
65 21.7 18.2 27.2

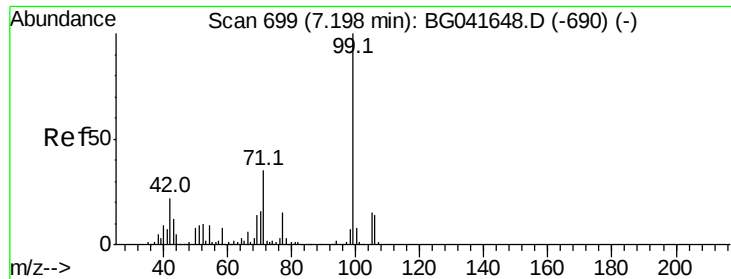


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.191 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

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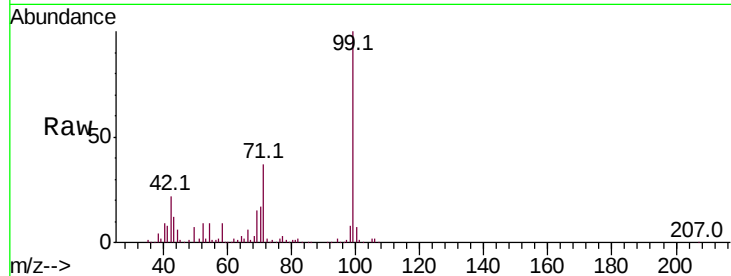
Tot Ion: 99 Resp: 968383

Ion Ratio Lower Upper

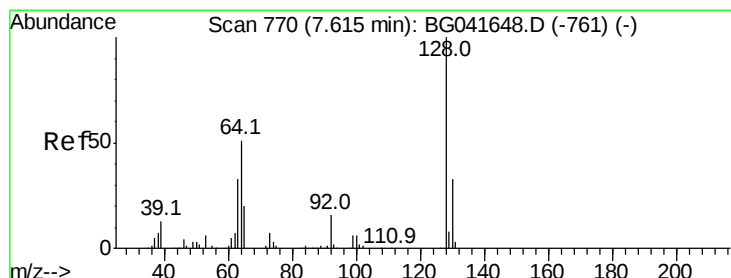
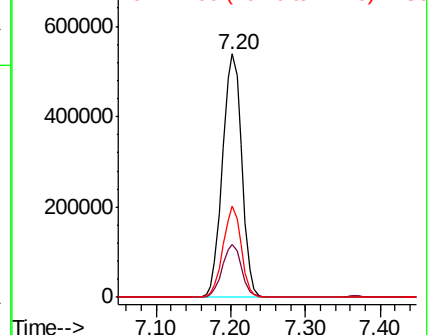
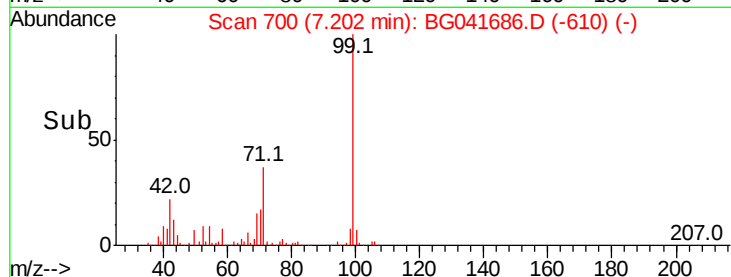
99 100

42 21.9 17.6 26.4

71 37.4 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: 44.589 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

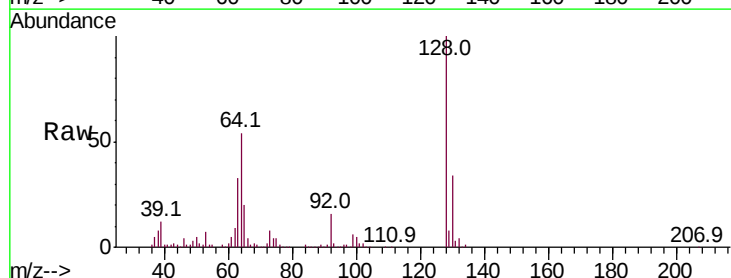
Tgt Ion:128 Resp: 283505

Ion Ratio Lower Upper

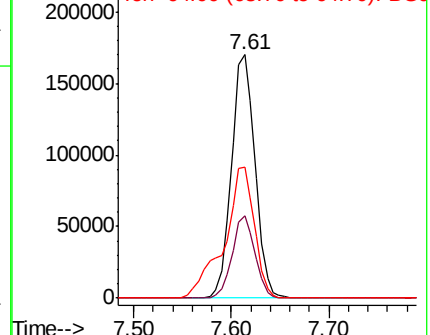
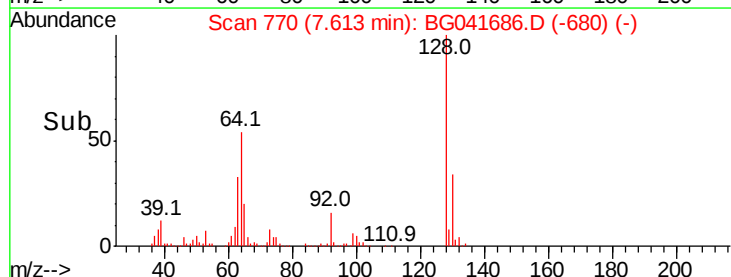
128 100

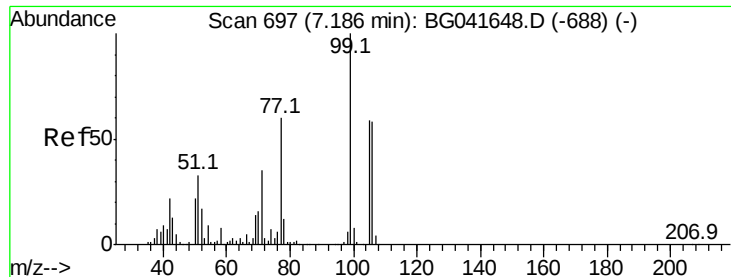
130 33.8 12.4 52.4

64 53.8 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: 46.027 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

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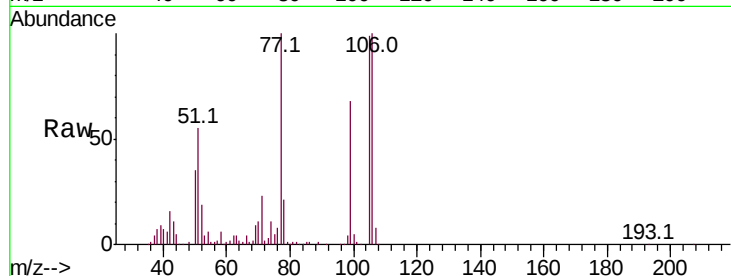
Tot Ion: 77 Resp: 205876

Ion Ratio Lower Upper

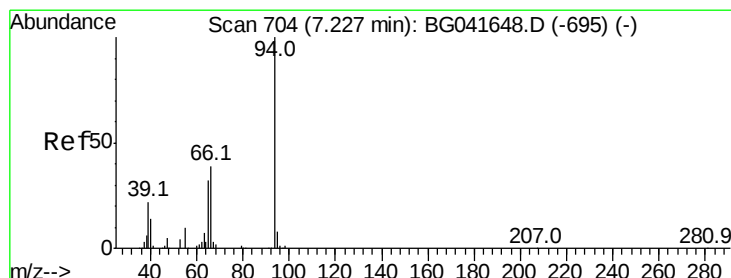
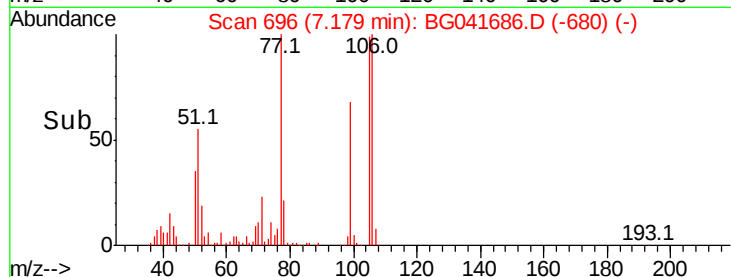
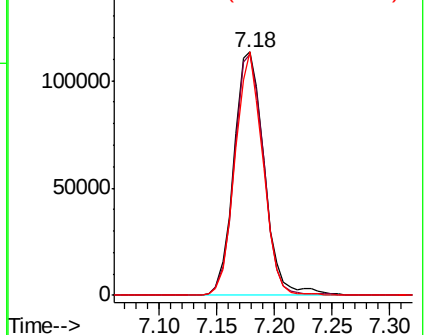
77 100

105 99.4 74.6 114.6

106 100.1 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: 44.100 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

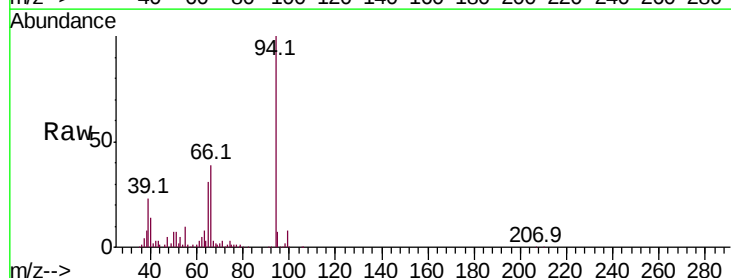
Tgt Ion: 94 Resp: 350987

Ion Ratio Lower Upper

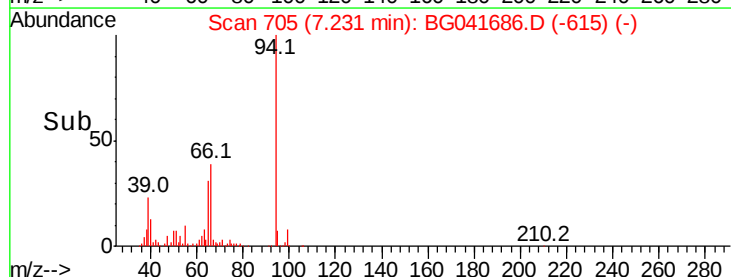
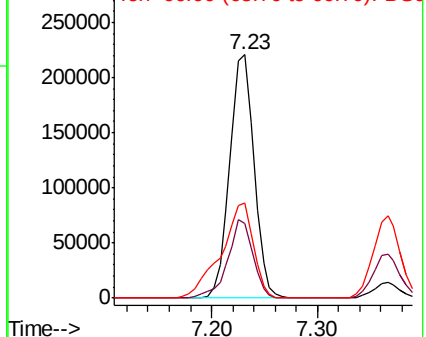
94 100

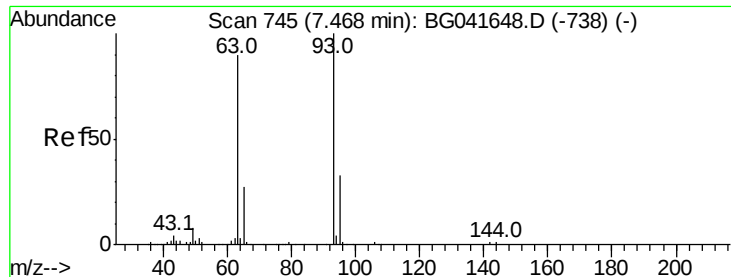
65 30.6 10.6 50.6

66 39.0 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

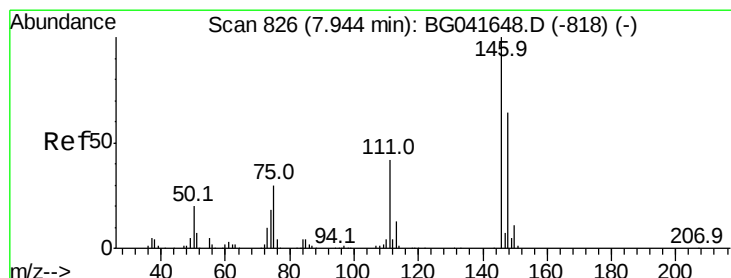
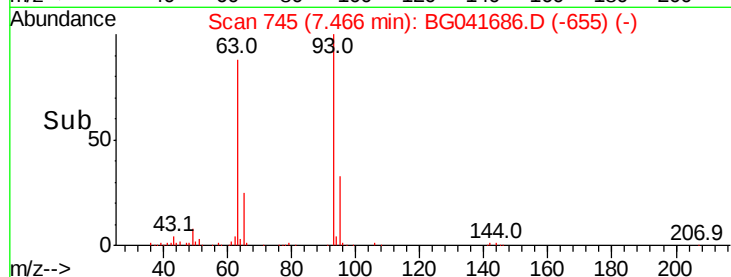
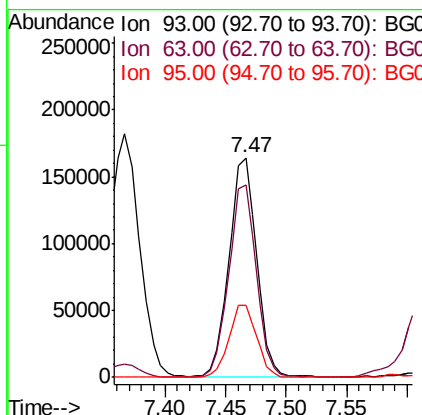
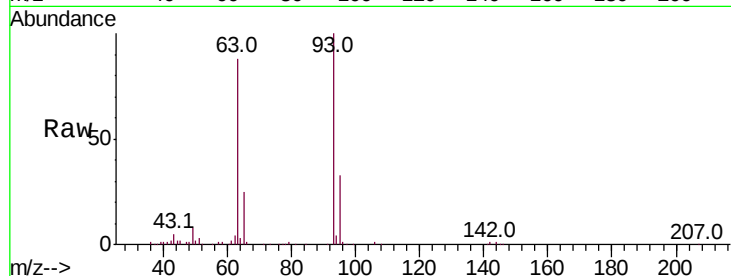




#11
bis(2-Chloroethyl)ether
Concen: 40.815 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

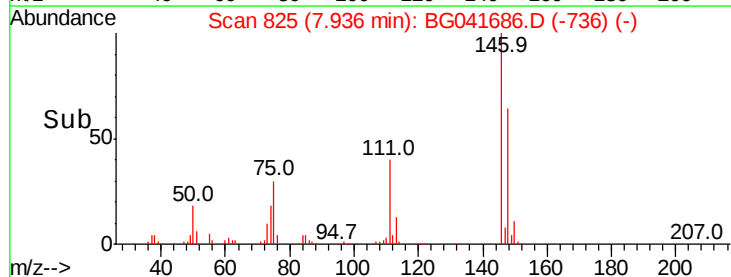
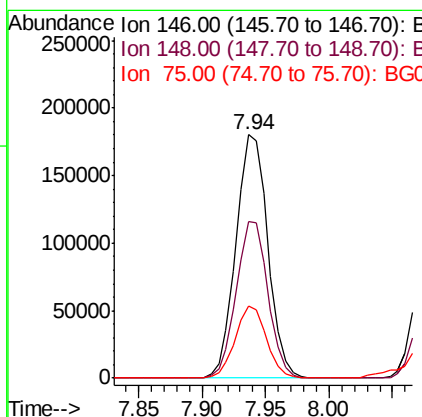
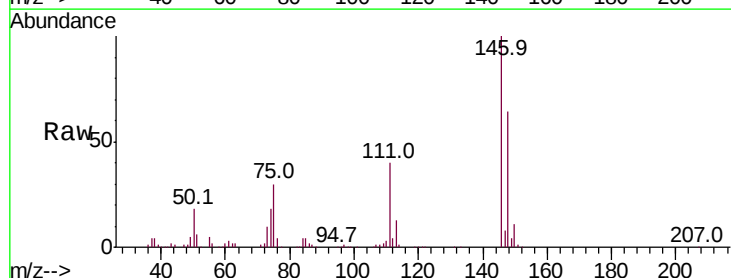
Instrument :
BNA_G
ClientSampleId :
PB121423BS

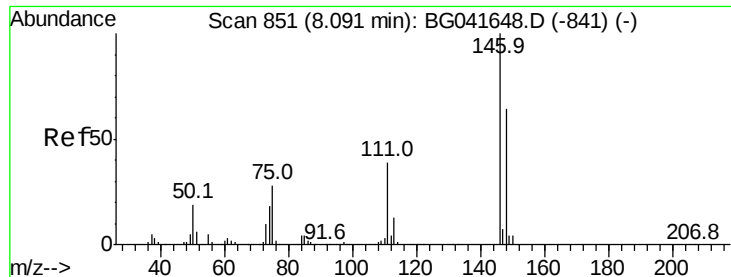
Tot Ion: 93 Resp: 262353
Ion Ratio Lower Upper
93 100
63 87.5 70.4 110.4
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.304 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion: 146 Resp: 313362
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
75 29.9 23.2 34.8

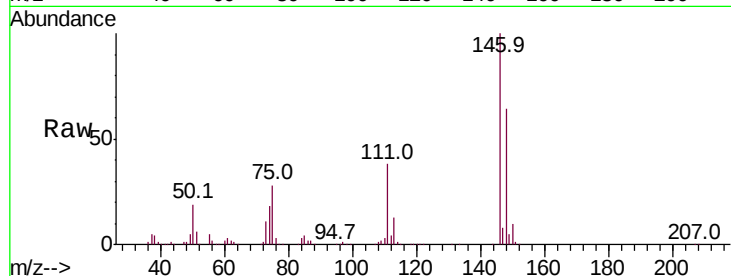




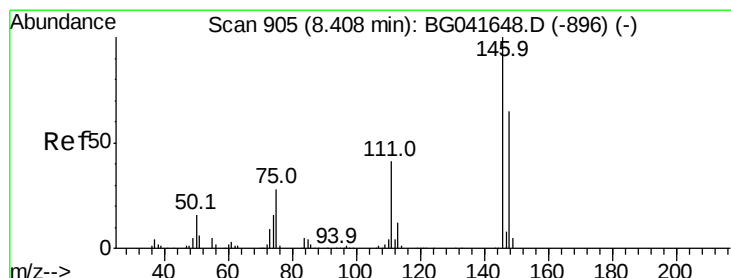
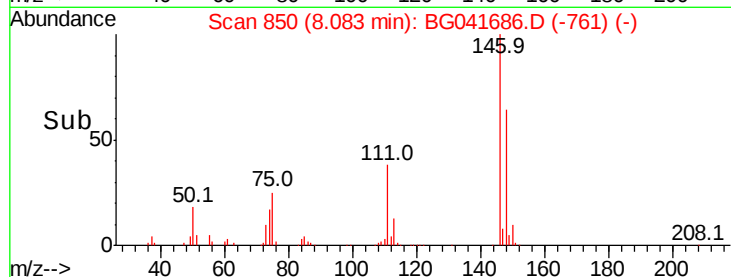
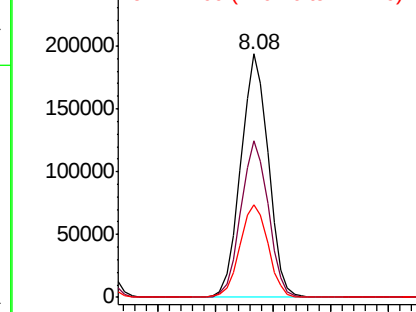
#13
 1,4-Dichlorobenzene
 Concen: 41.946 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion:146 Resp: 318694
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.6 79.0
 111 38.1 32.5 48.7

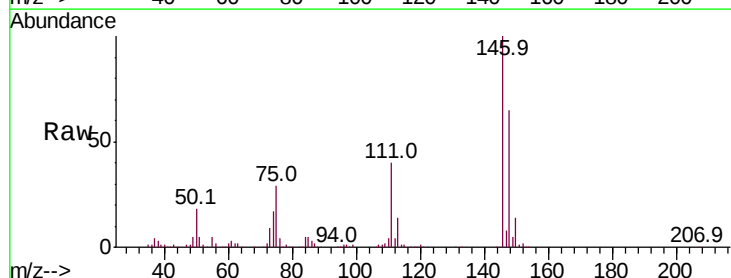


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

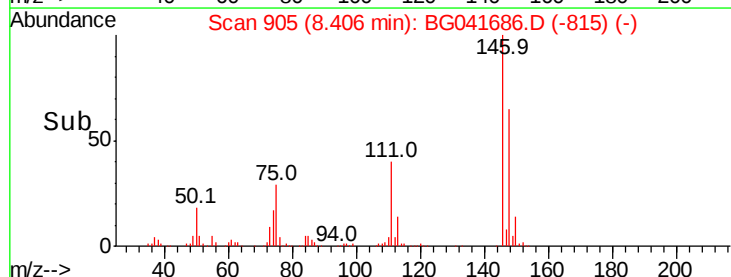
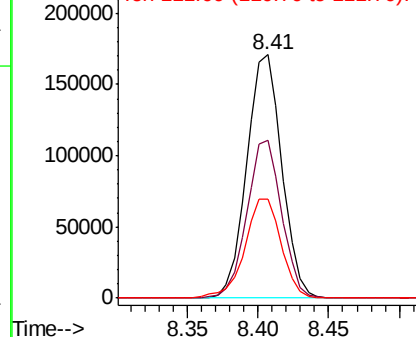


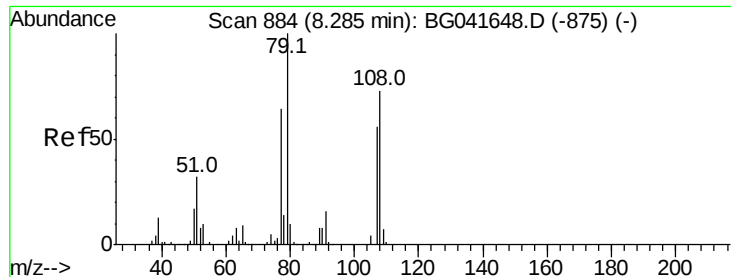
#14
 1,2-Dichlorobenzene
 Concen: 41.542 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion:146 Resp: 297579
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.5 80.3
 111 40.5 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 41.358 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

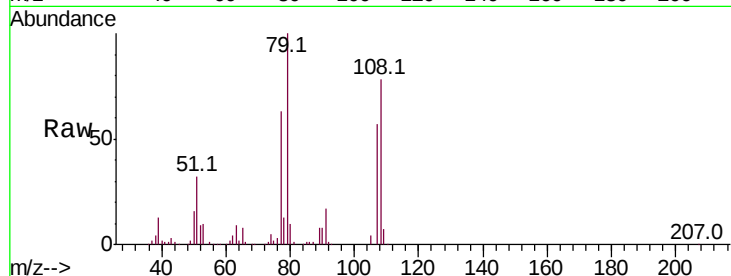
Tot Ion: 79 Resp: 248732

Ion Ratio Lower Upper

79 100

108 78.0 60.5 90.7

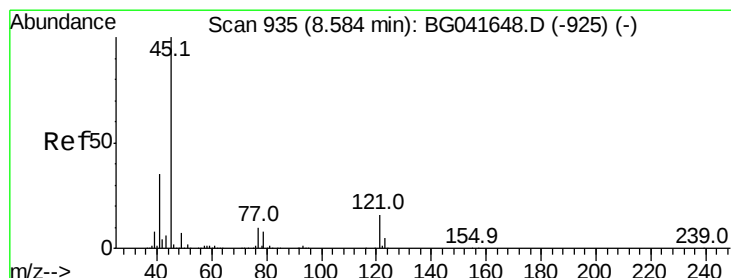
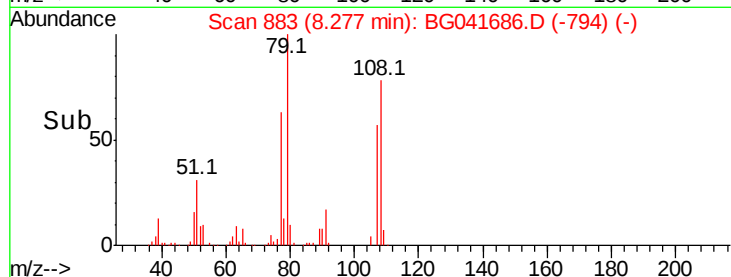
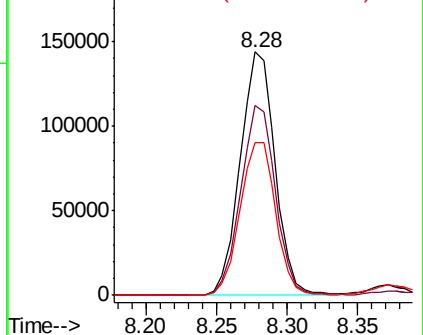
77 62.7 50.6 75.8



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: 38.844 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

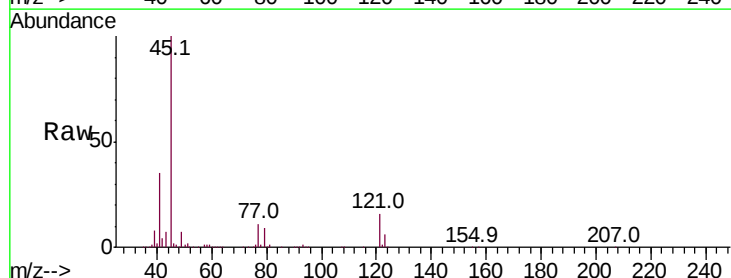
Tgt Ion: 45 Resp: 517384

Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.4

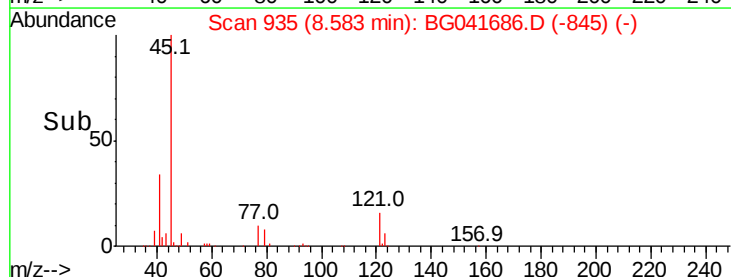
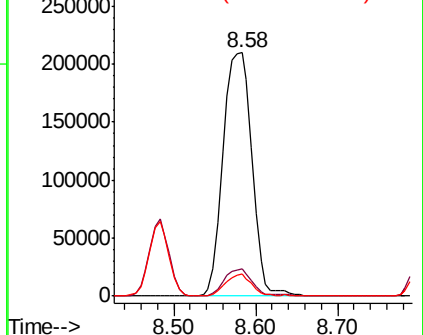
79 9.1 0.0 27.9

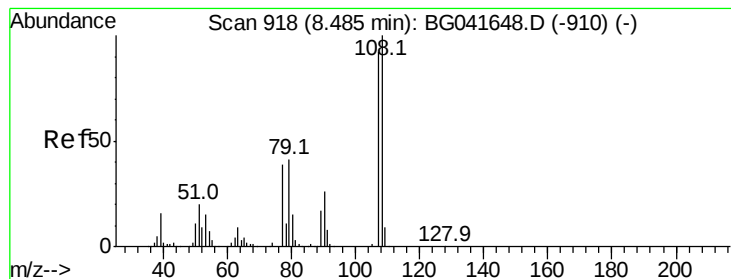


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.805 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion:107 Resp: 246609

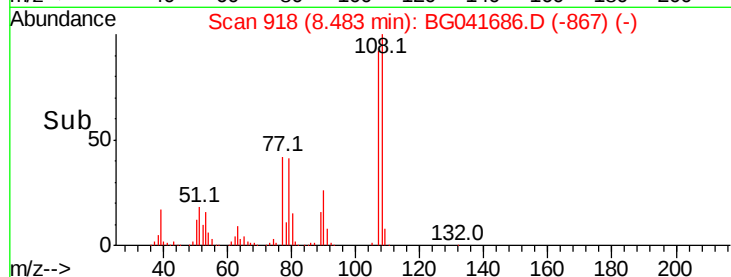
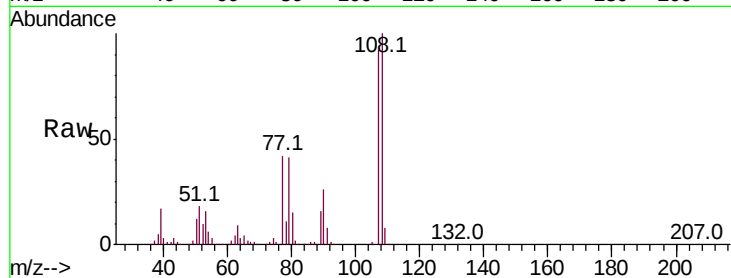
Ion Ratio Lower Upper

107 100

108 109.1 87.6 131.4

77 45.8 36.1 54.1

79 44.3 36.4 54.6

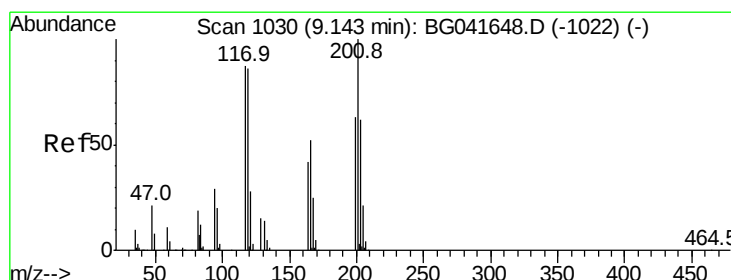
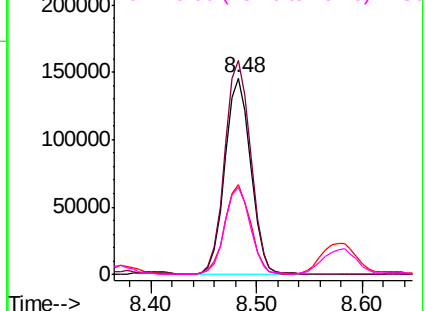


Abundance Ion 107.00 (106.70 to 107.70): E

250000 Ion 108.00 (107.70 to 108.70): E

200000 Ion 77.00 (76.70 to 77.70): BG

150000 Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.000 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

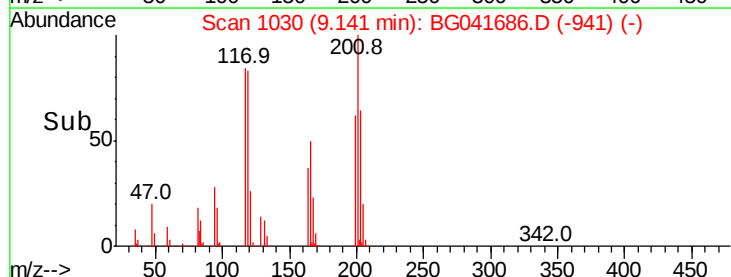
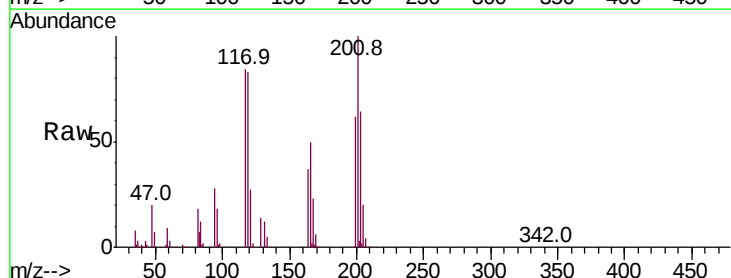
Tgt Ion:117 Resp: 114096

Ion Ratio Lower Upper

117 100

119 99.3 76.2 114.2

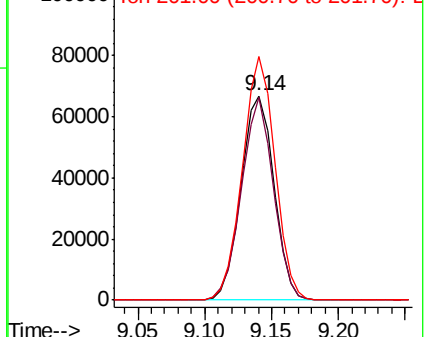
201 119.3 94.1 141.1

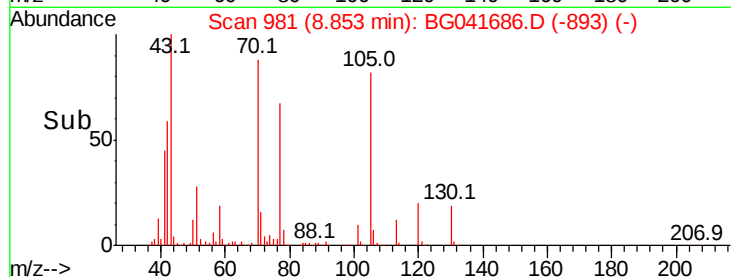
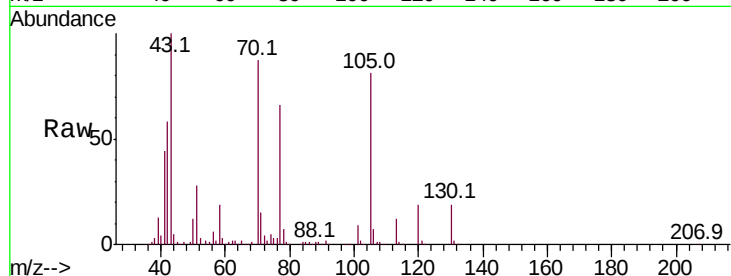
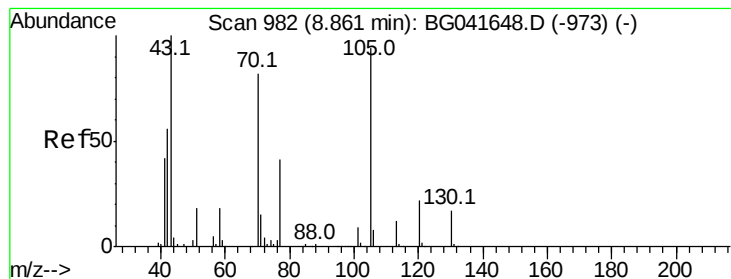


Abundance Ion 117.00 (116.70 to 117.70): E

100000 Ion 119.00 (118.70 to 119.70): E

80000 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.934 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion: 70 Resp: 220496

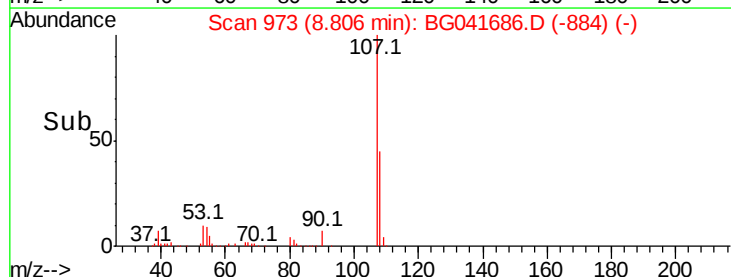
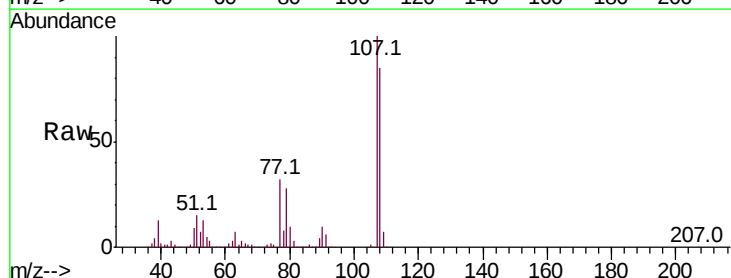
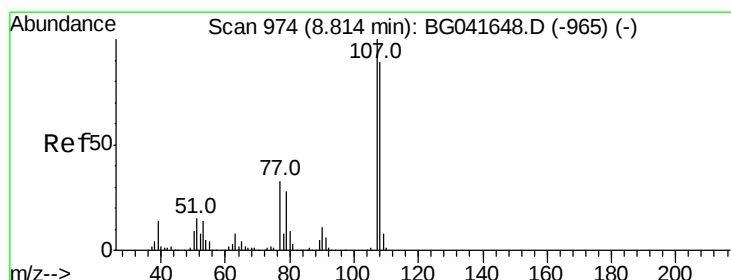
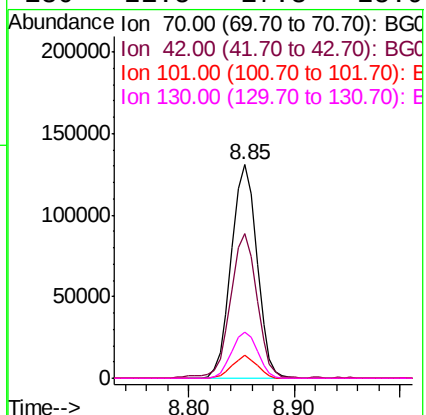
Ion Ratio Lower Upper

70 100

42 67.5 55.8 83.6

101 10.8 8.1 12.1

130 21.5 17.3 25.9



#20

3+4-Methylphenols

Concen: 44.949 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion: 107 Resp: 339036

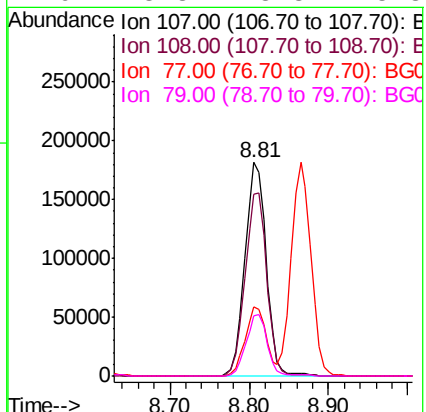
Ion Ratio Lower Upper

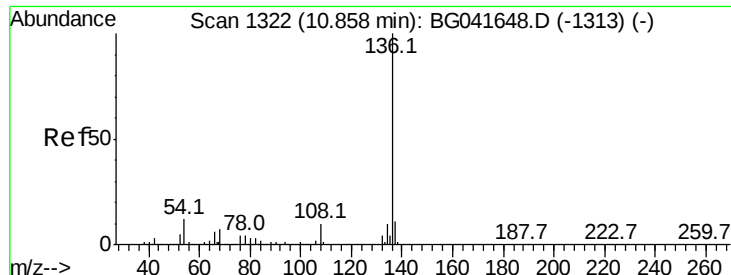
107 100

108 85.0 67.5 107.5

77 32.3 12.3 52.3

79 28.3 8.3 48.3

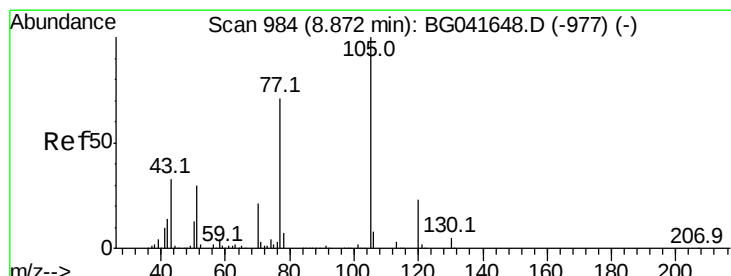
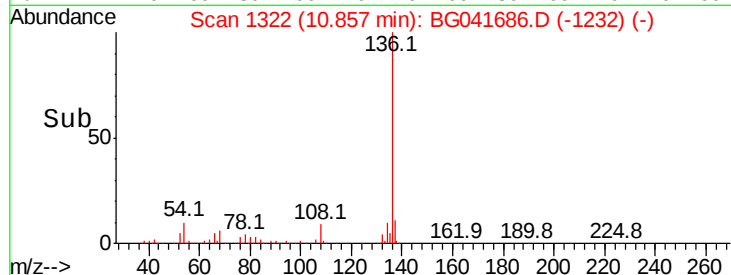
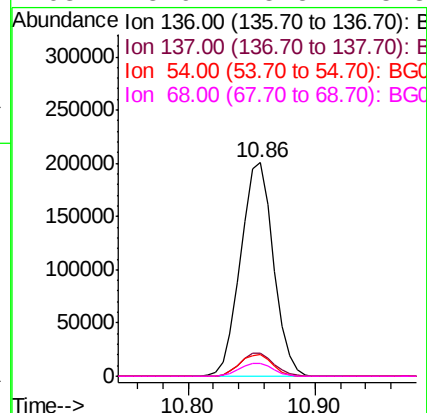
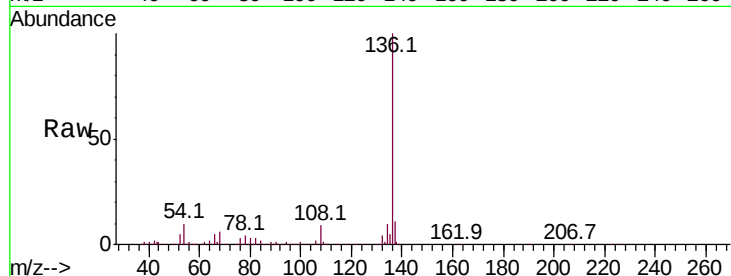




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

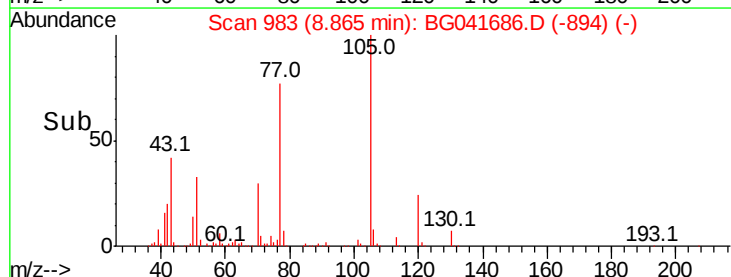
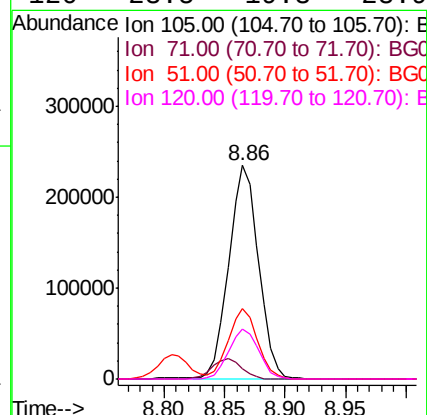
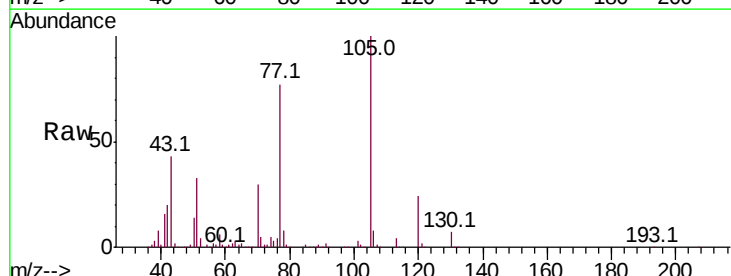
Instrument :
BNA_G
ClientSampleId :
PB121423BS

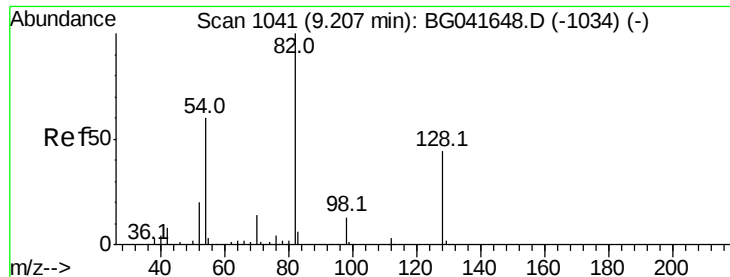
Tot Ion:	136	Resp:	360244
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	9.9	8.7	13.1
68	5.9	5.5	8.3



#22
Acetophenone
Concen: 45.670 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:	105	Resp:	400706
Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.9	8.9#
51	32.9	27.7	41.5
120	23.5	19.3	28.9

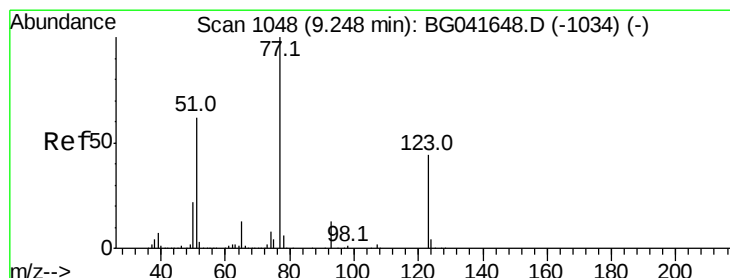
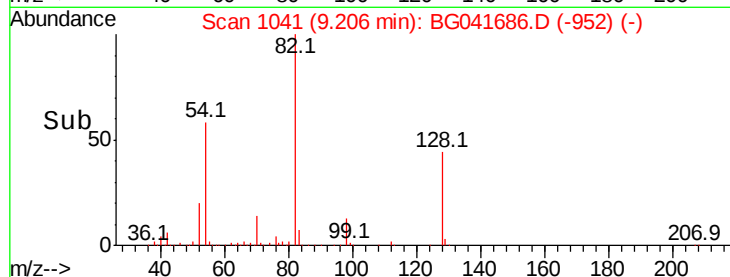
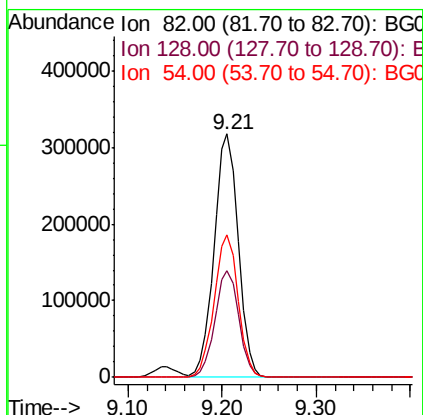
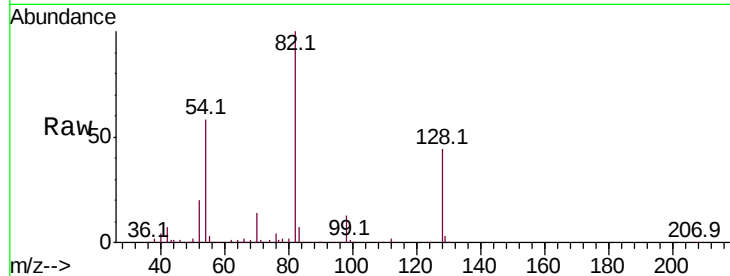




#23
Nitrobenzene-d5
Concen: 96.310 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

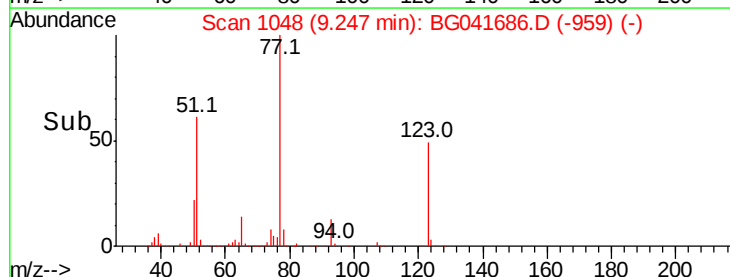
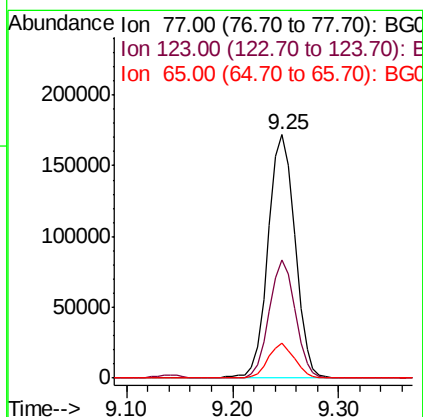
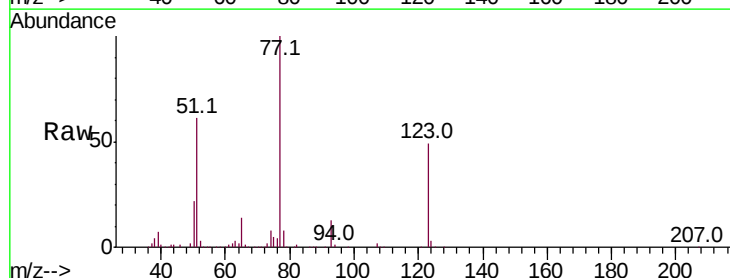
Instrument :
BNA_G
ClientSampleId :
PB121423BS

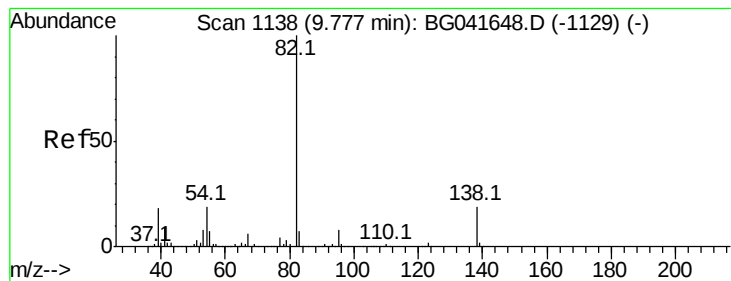
Tot Ion: 82 Resp: 570502
Ion Ratio Lower Upper
82 100
128 43.6 35.1 52.7
54 58.5 48.7 73.1



#24
Nitrobenzene
Concen: 46.898 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion: 77 Resp: 303053
Ion Ratio Lower Upper
77 100
123 48.5 38.1 57.1
65 14.4 11.0 16.6





#25

Isophorone

Concen: 44.323 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

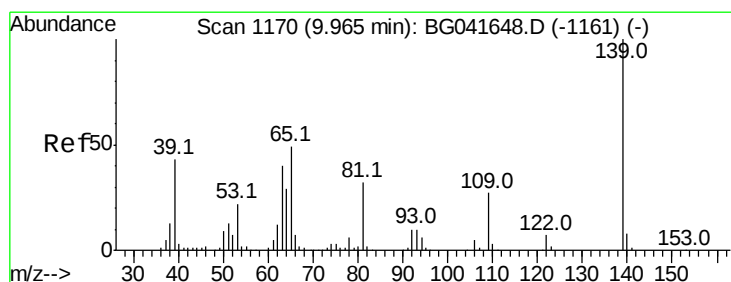
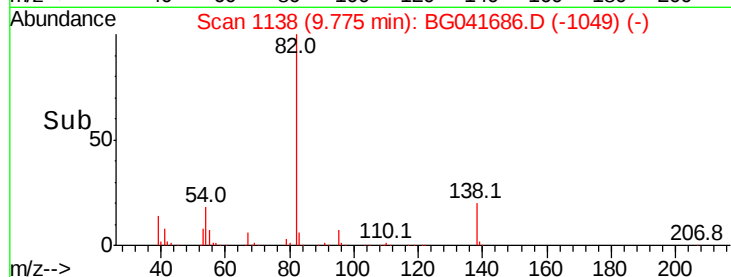
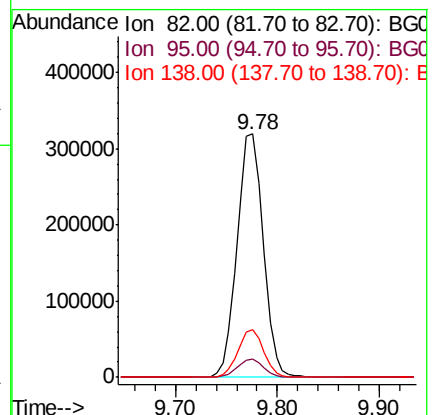
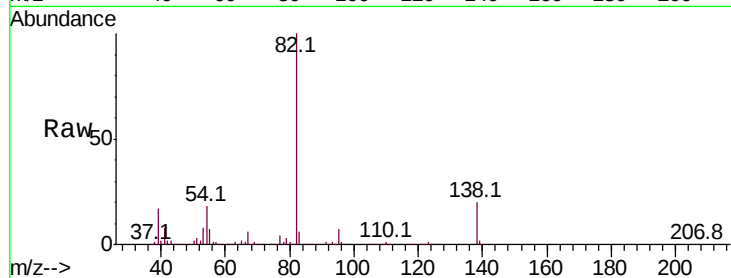
Tot Ion: 82 Resp: 574914

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

138 19.6 16.3 24.5



#26

2-Nitrophenol

Concen: 49.987 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

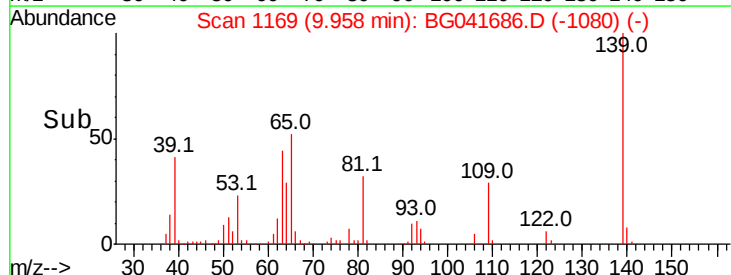
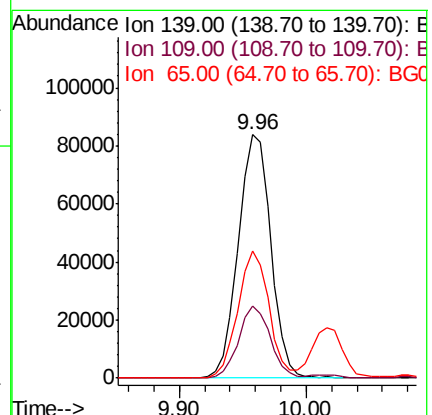
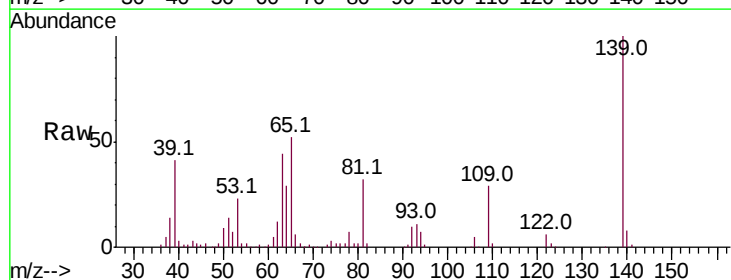
Tgt Ion: 139 Resp: 148813

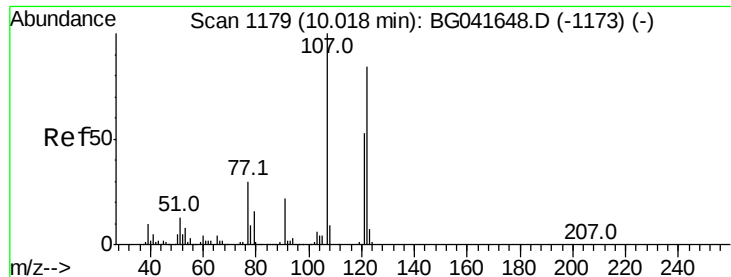
Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

65 52.4 41.1 61.7

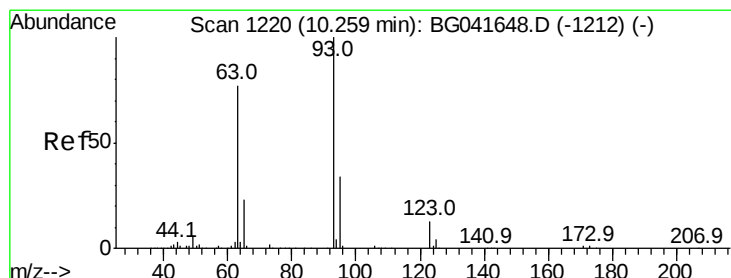
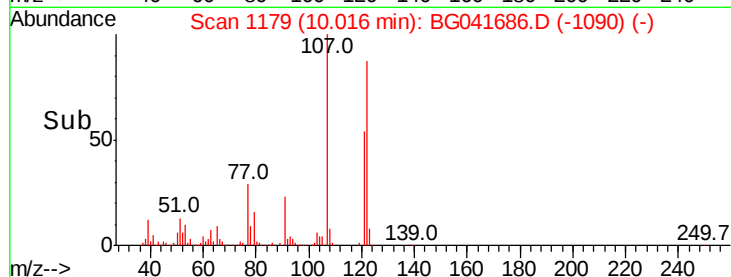
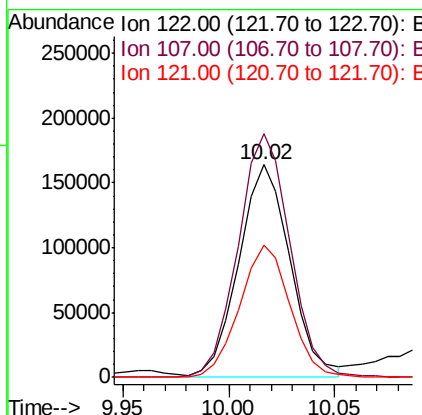
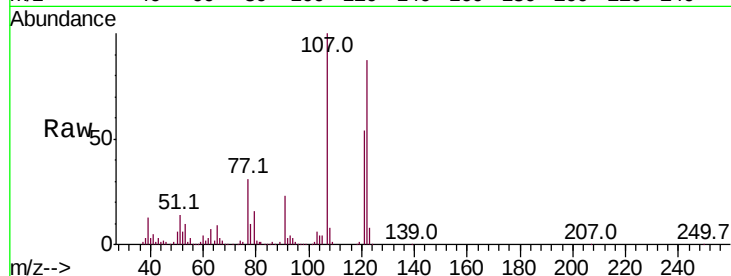




#27
 2,4-Dimethylphenol
 Concen: 53.925 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

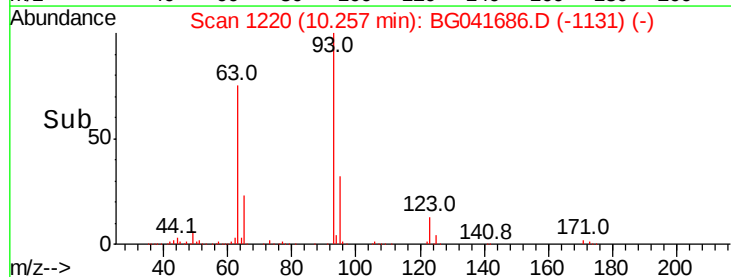
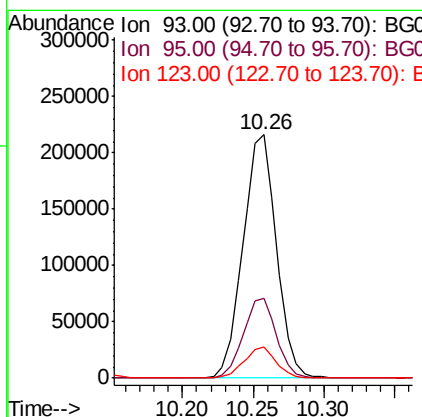
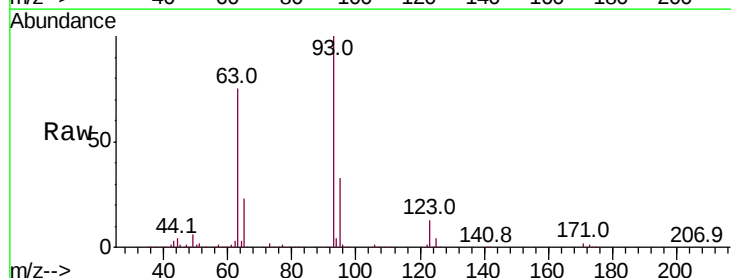
Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

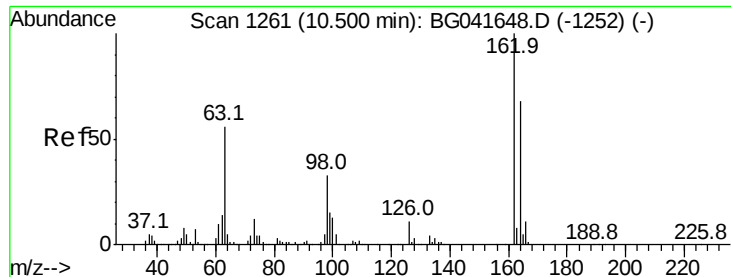
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.3	136.9
121	62.4	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.796 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.6	9.9	14.9

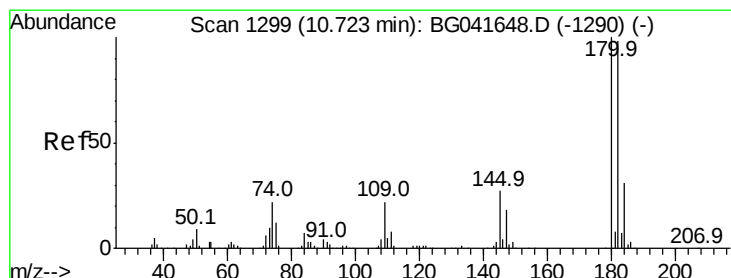
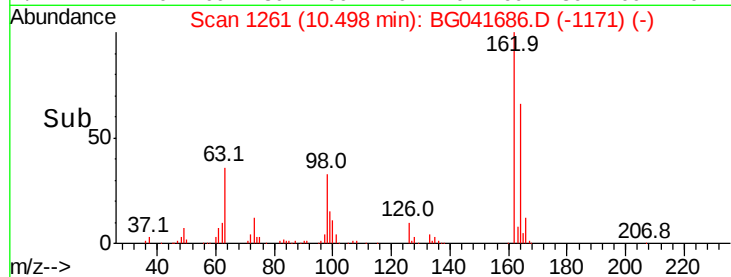
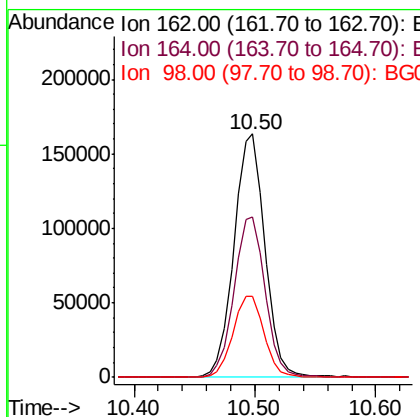
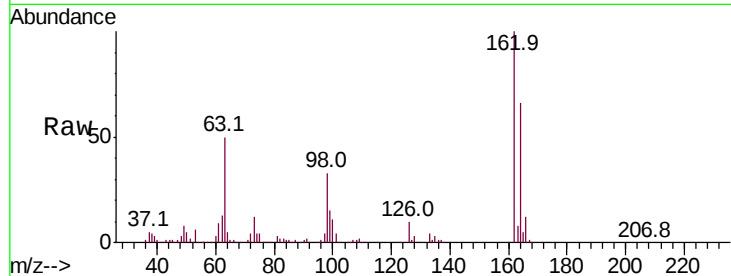




#29
 2,4-Dichlorophenol
 Concen: 49.798 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

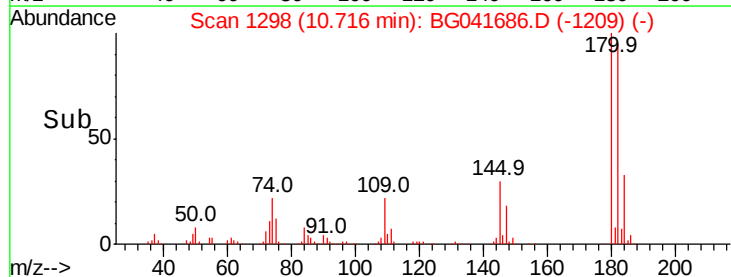
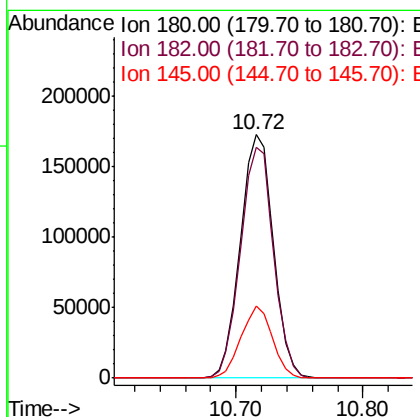
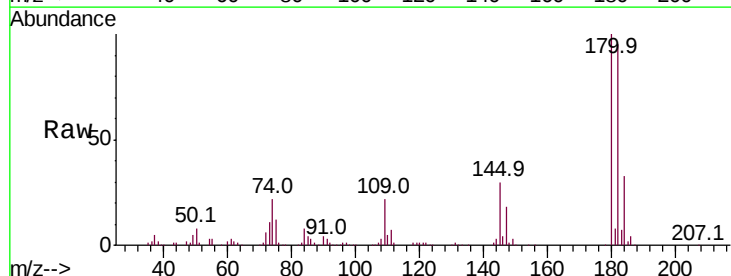
Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

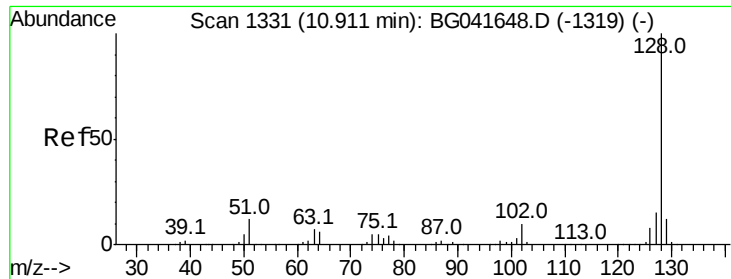
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	46.1	86.1
98	33.2	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 45.300 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.2
145	29.6	23.8	35.8

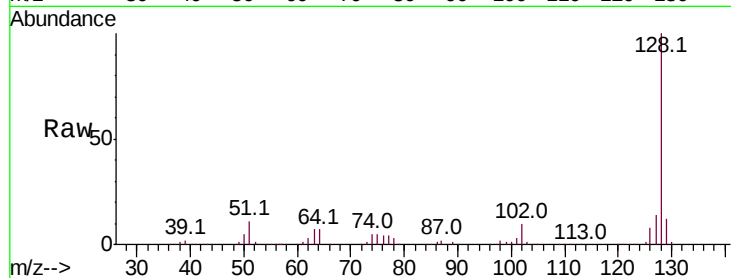




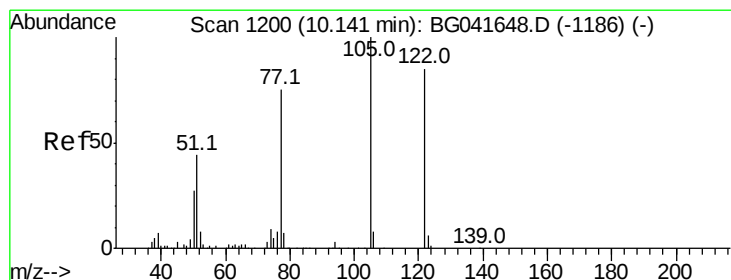
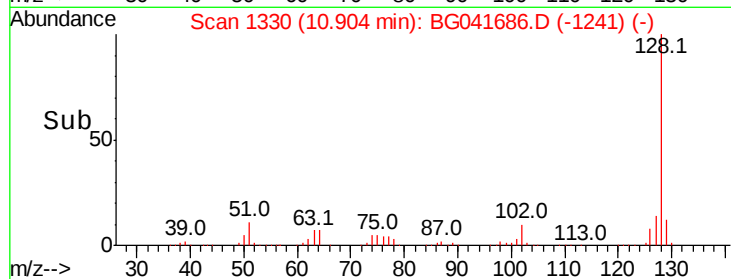
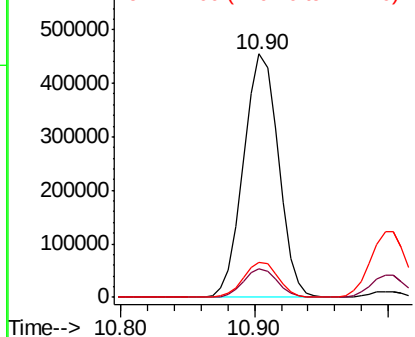
#31
Naphthalene
Concen: 46.322 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:128 Resp: 821541
Ion Ratio Lower Upper
128 100
129 11.9 10.0 15.0
127 14.4 12.3 18.5

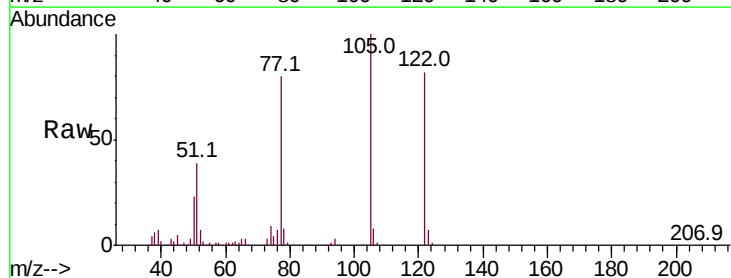


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

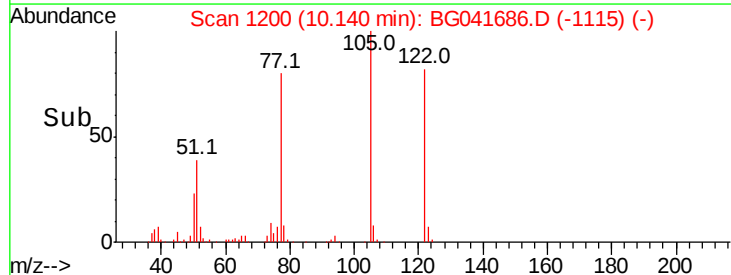
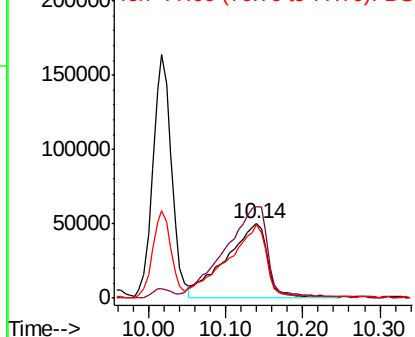


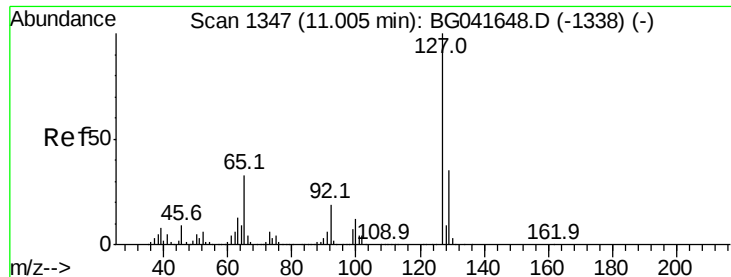
#32
Benzoic acid
Concen: 49.322 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:122 Resp: 192902
Ion Ratio Lower Upper
122 100
105 121.8 101.5 141.5
77 97.8 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

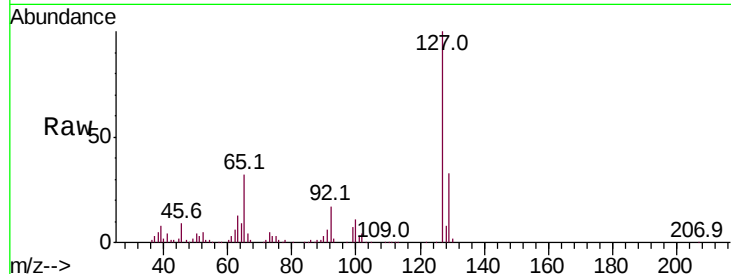




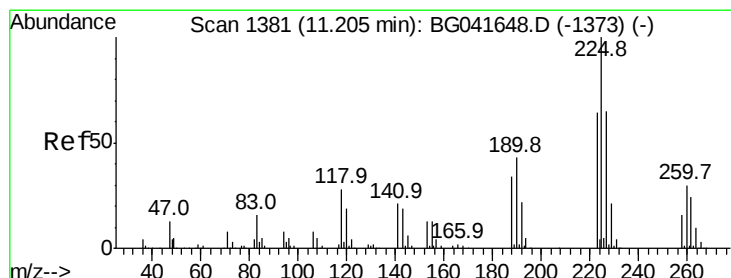
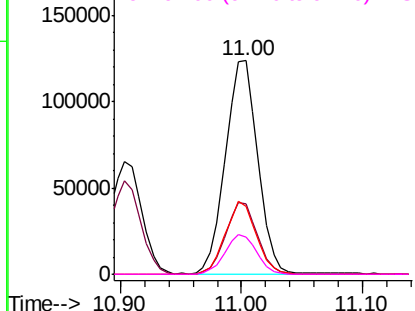
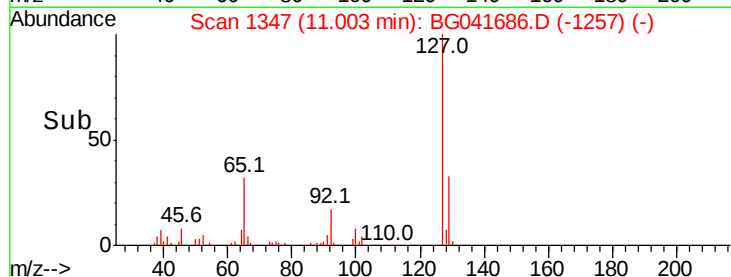
#33
4-Chloroaniline
Concen: 28.024 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:	127	Resp:	229260
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	31.9	26.7	40.1
92	17.2	15.4	23.0

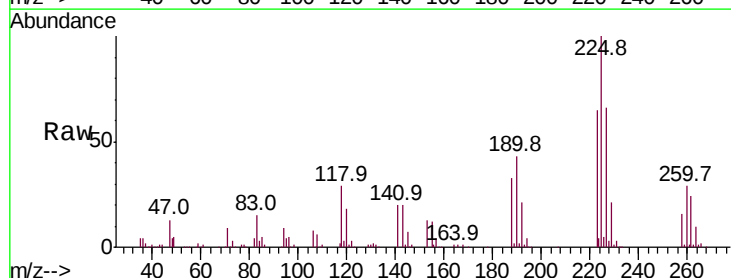


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

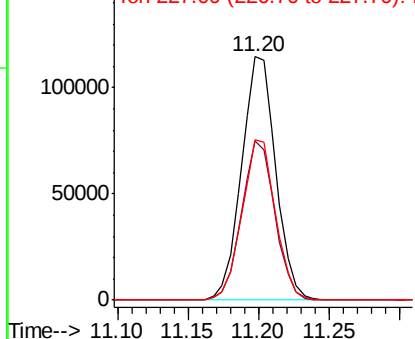
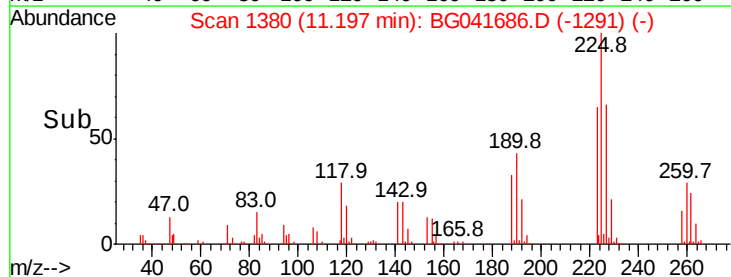


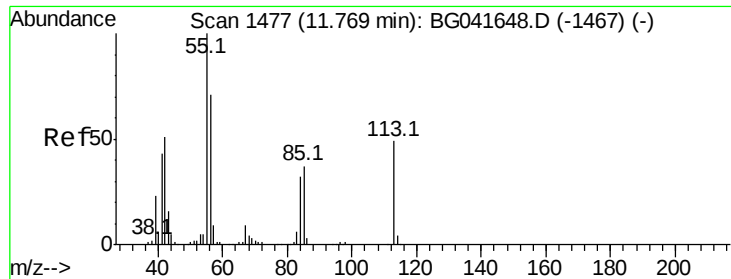
#34
Hexachlorobutadiene
Concen: 43.921 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:	225	Resp:	193947
Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.1	76.7
227	66.0	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: 24.260 ng

RT: 11.80 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

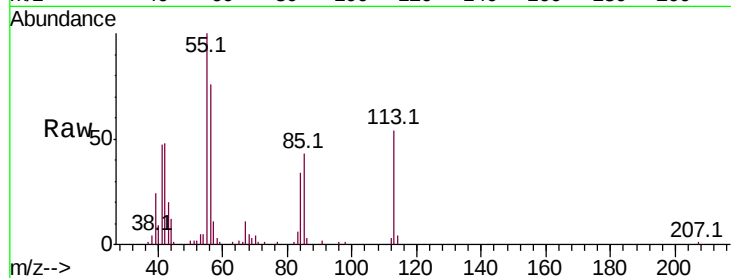
Tot Ion:113 Resp: 52177

Ion Ratio Lower Upper

113 100

55 186.0 199.4 239.4#

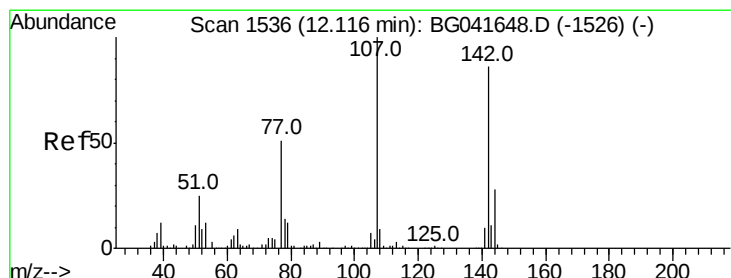
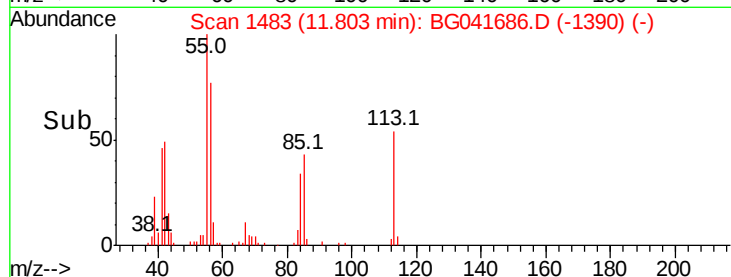
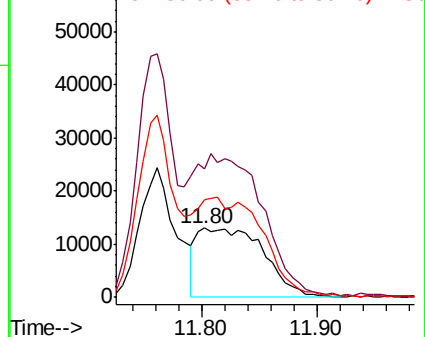
56 142.0 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.900 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

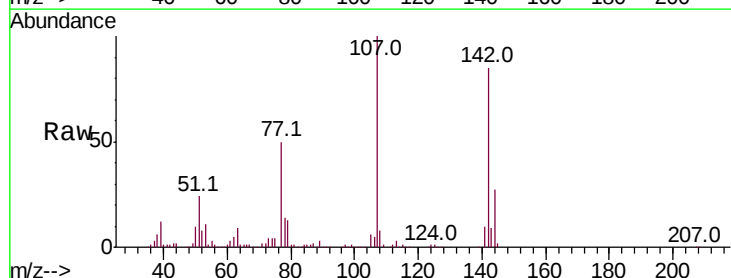
Tgt Ion:107 Resp: 299752

Ion Ratio Lower Upper

107 100

144 27.1 22.2 33.2

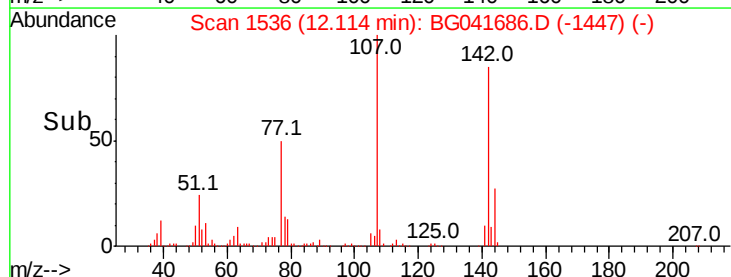
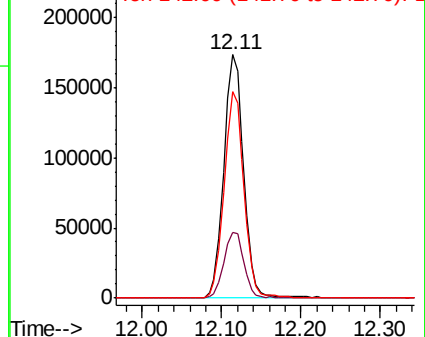
142 84.8 67.3 100.9

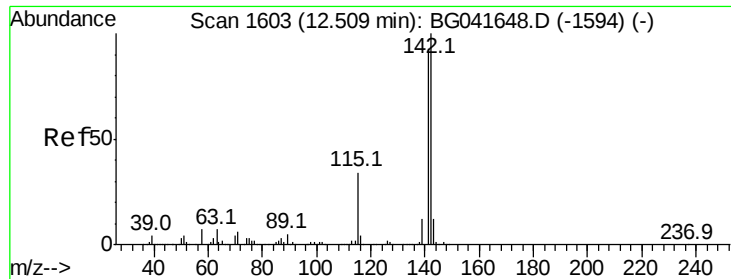


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

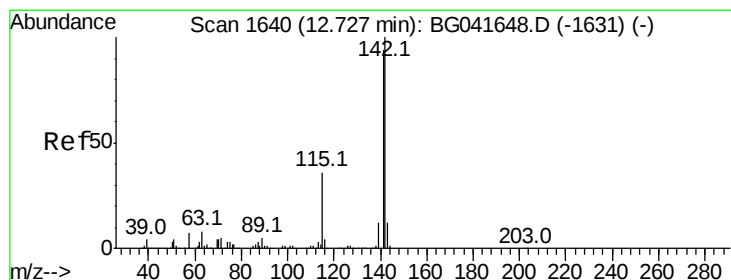
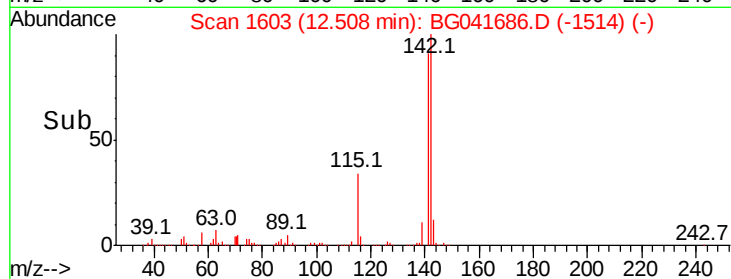
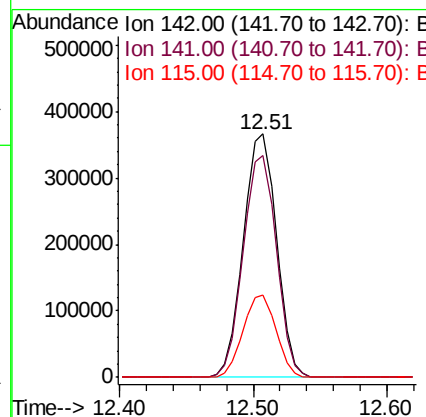
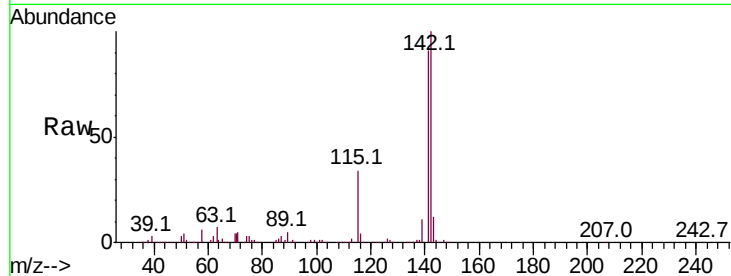




#37
 2-Methylnaphthalene
 Concen: 46.542 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

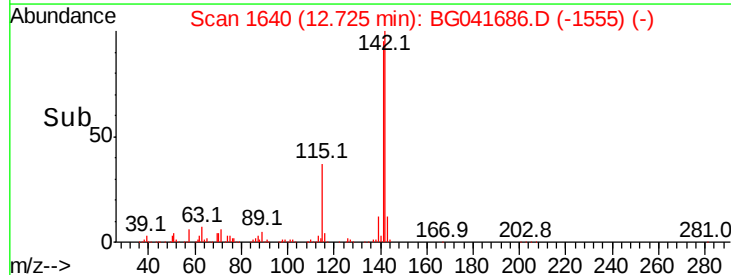
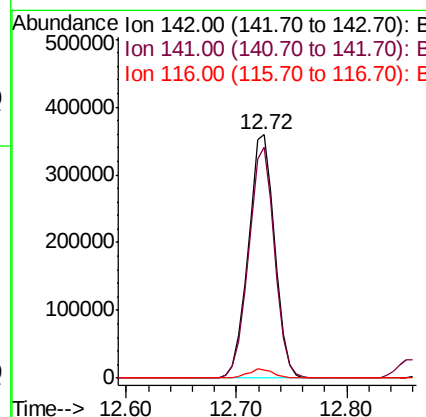
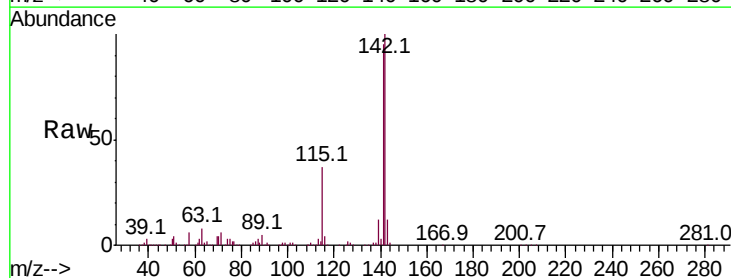
Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

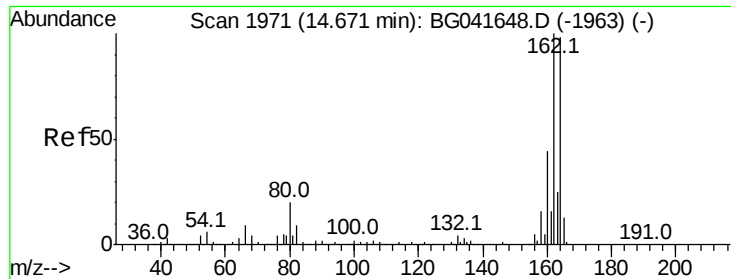
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.7	109.1
115	33.9	27.0	40.4



#38
 1-Methylnaphthalene
 Concen: 46.450 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.4	113.2
116	3.6	3.2	4.8

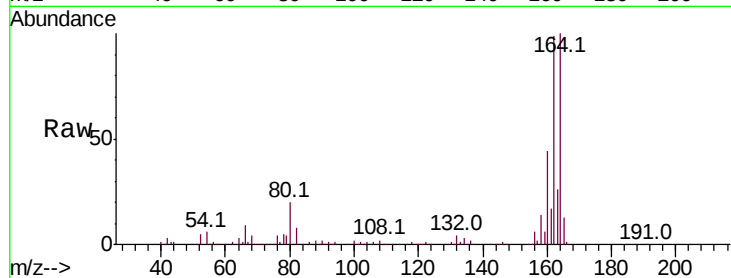




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.6	119.4
160	43.9	35.4	53.0

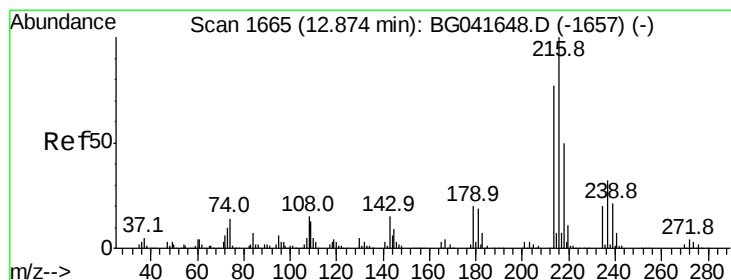
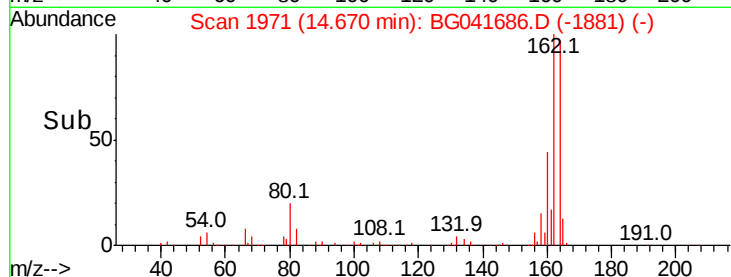
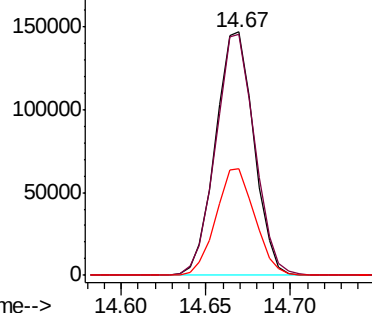


Abundance

Ion 164.00 (163.70 to 164.70): E

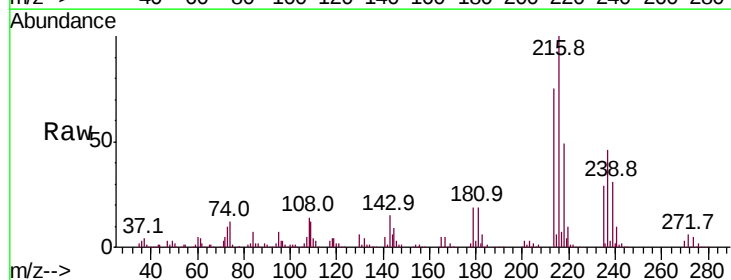
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.748 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.5	92.3
179	20.2	16.2	24.2
108	16.7	13.2	19.8



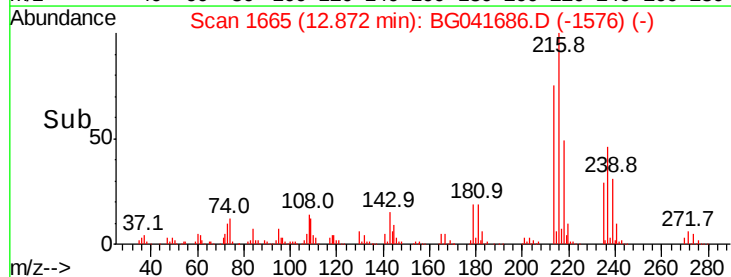
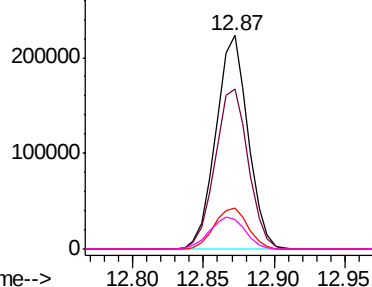
Abundance

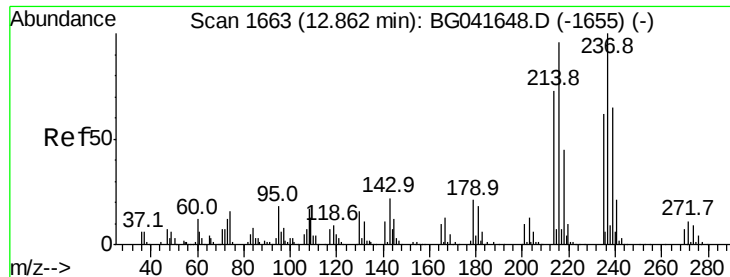
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

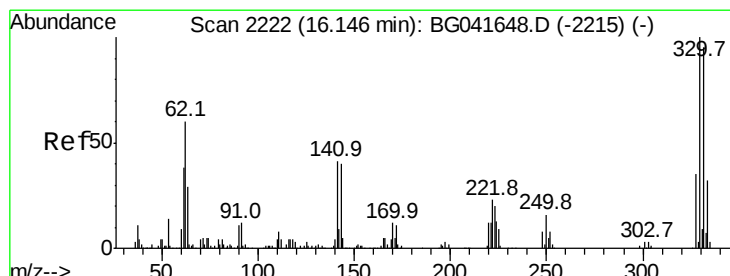
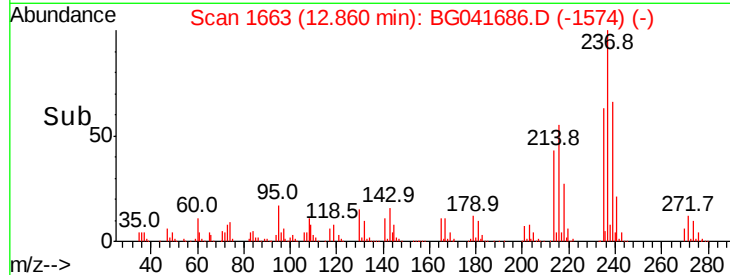
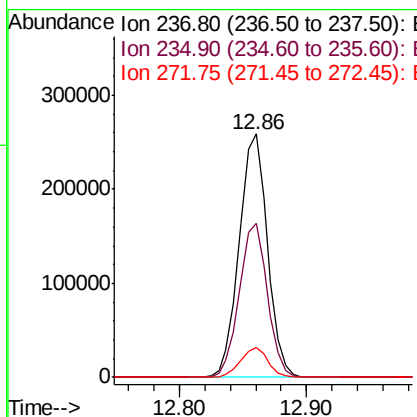
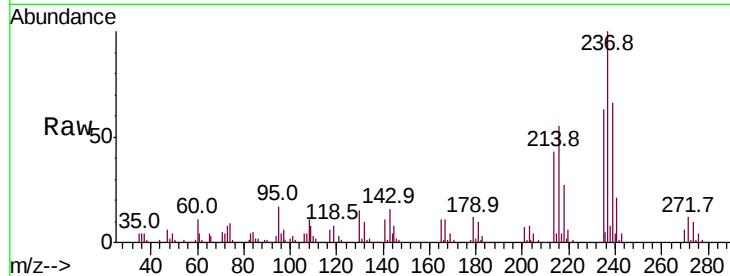




#41
 Hexachlorocyclopentadiene
 Concen: 88.540 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

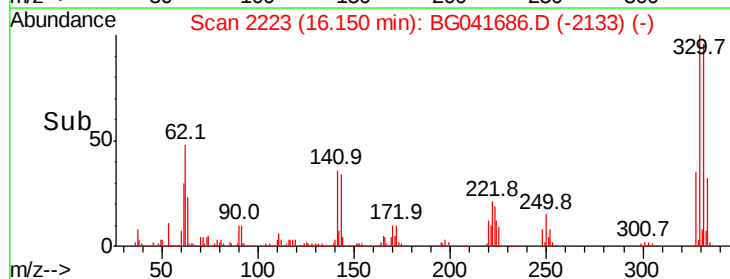
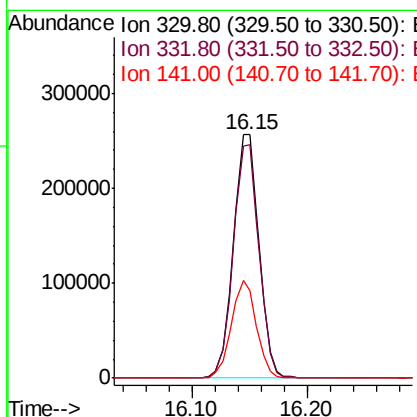
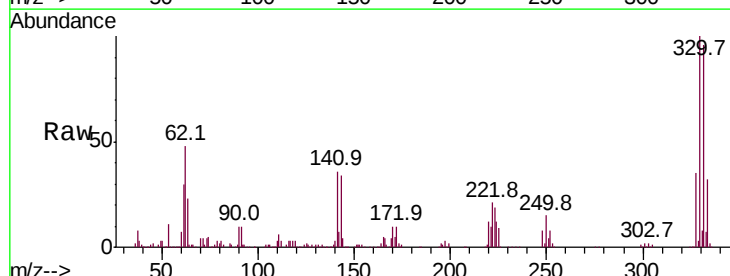
Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

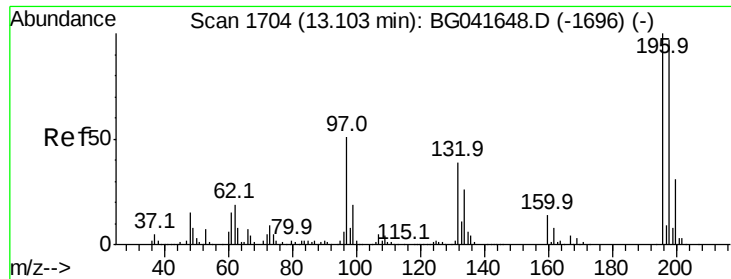
Tot Ion:	237	Resp:	398645
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.5	83.5
272	12.5	0.0	31.2



#42
 2,4,6-Tribromophenol
 Concen: 150.033 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion:	330	Resp:	392894
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.4	116.0
141	39.1	31.9	47.9

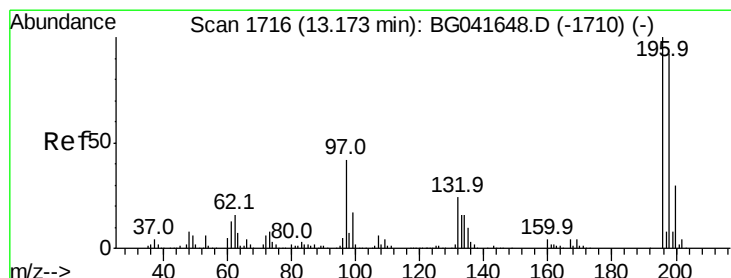
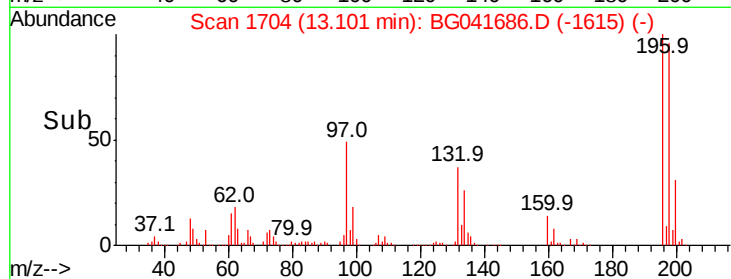
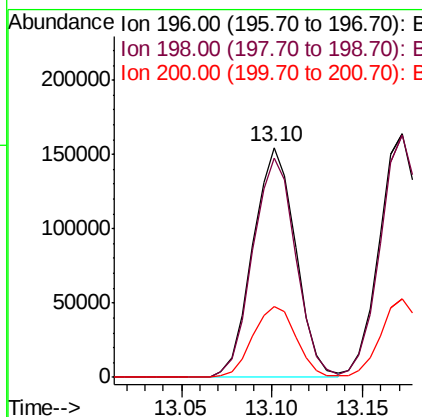
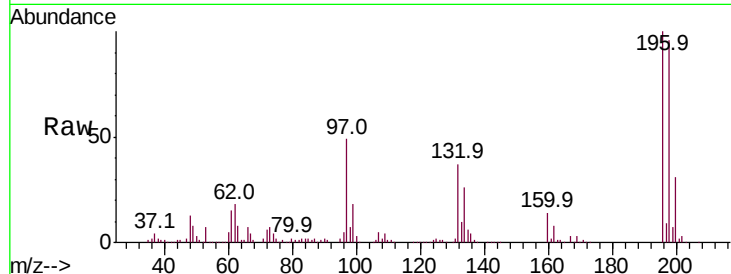




#43
 2,4,6-Trichlorophenol
 Concen: 48.879 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

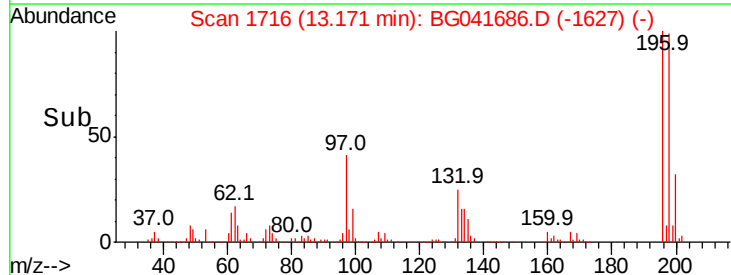
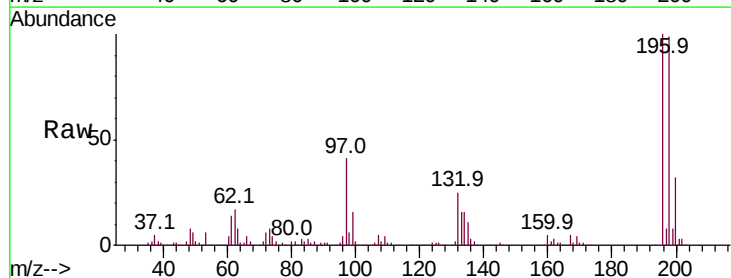
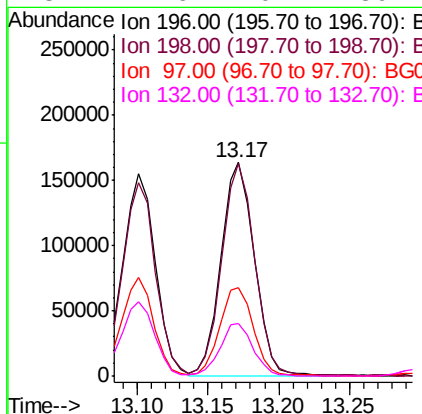
Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

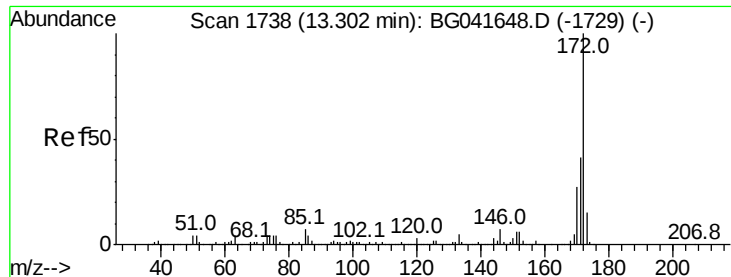
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	79.6	119.4
200	30.6	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 49.144 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	80.6	121.0
97	41.1	33.9	50.9
132	24.6	20.2	30.2

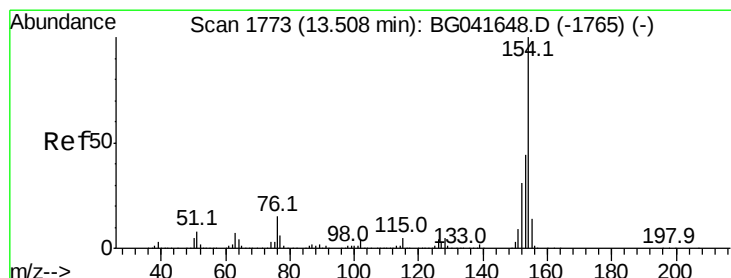
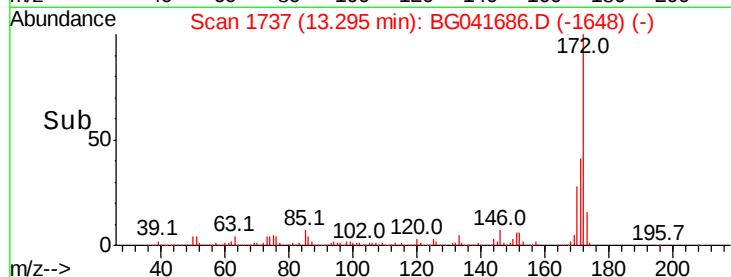
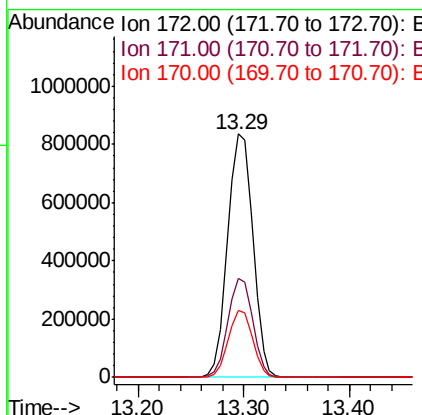
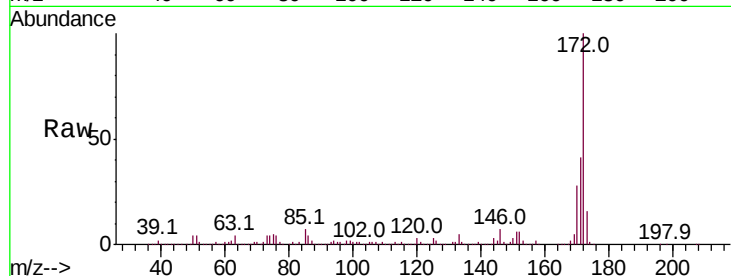




#45
2-Fluorobiphenyl
Concen: 91.881 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

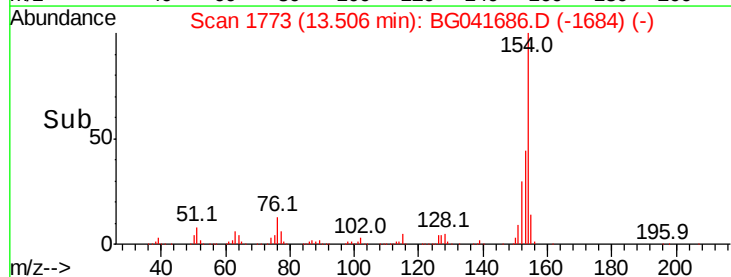
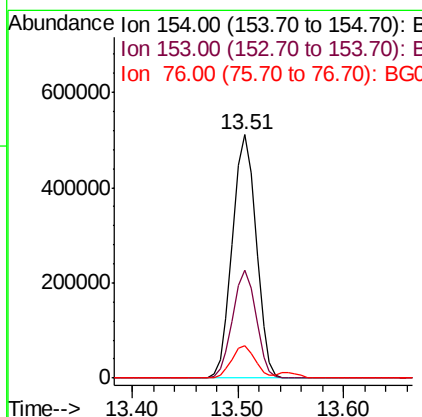
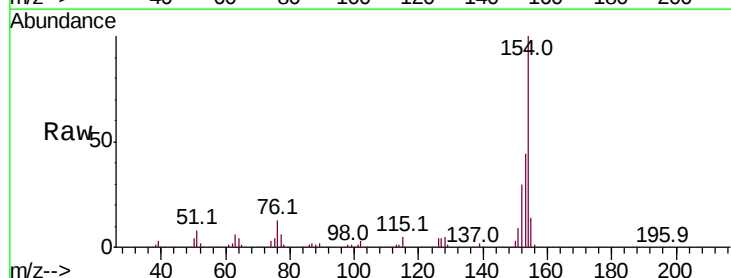
Instrument :
BNA_G
ClientSampleId :
PB121423BS

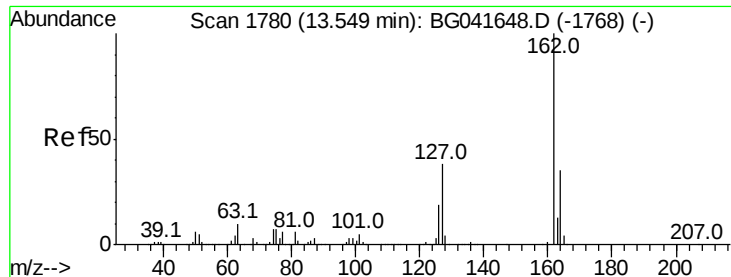
Tot Ion:172 Resp: 1378744
Ion Ratio Lower Upper
172 100
171 40.8 35.0 52.4
170 27.6 23.5 35.3



#46
1,1'-Biphenyl
Concen: 45.591 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:154 Resp: 793665
Ion Ratio Lower Upper
154 100
153 44.2 25.0 65.0
76 13.5 0.0 34.5





#47

2-Chloronaphthalene

Concen: 44.059 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.01 min

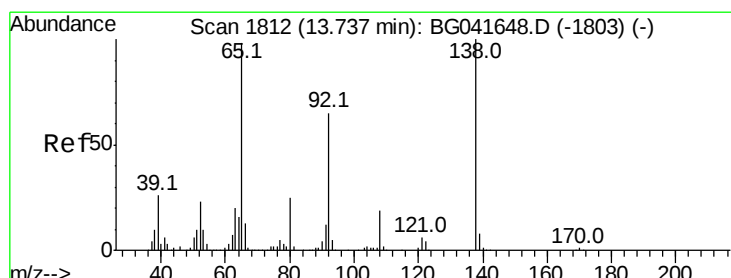
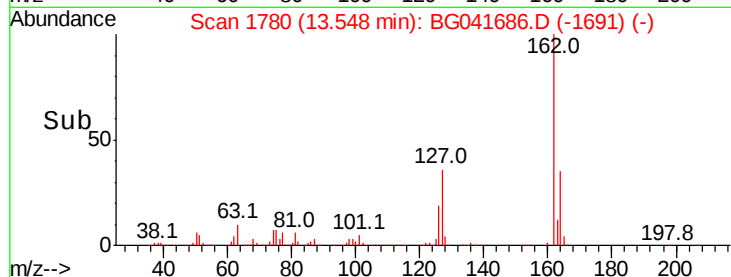
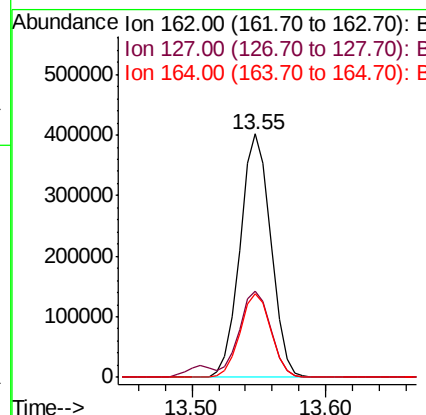
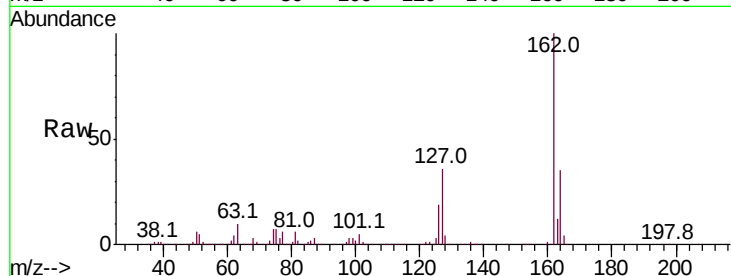
Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:162 Resp: 639225

Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.4	45.6
164	34.5	28.6	42.8



#48

2-Nitroaniline

Concen: 48.087 ng

RT: 13.74 min Scan# 1812

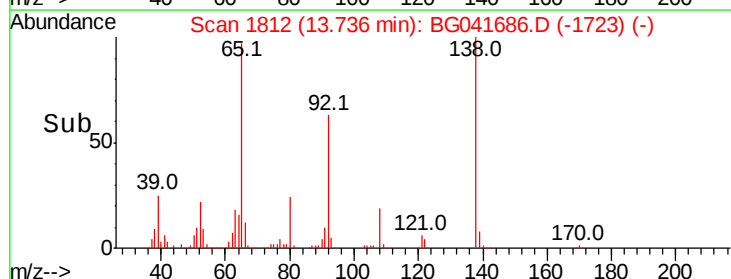
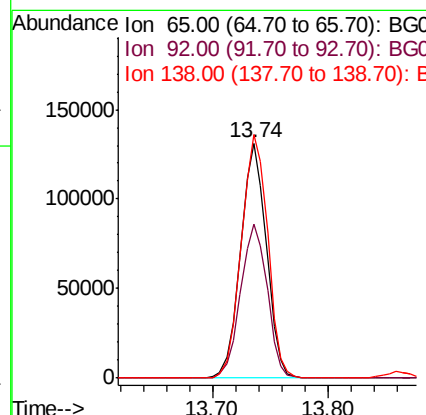
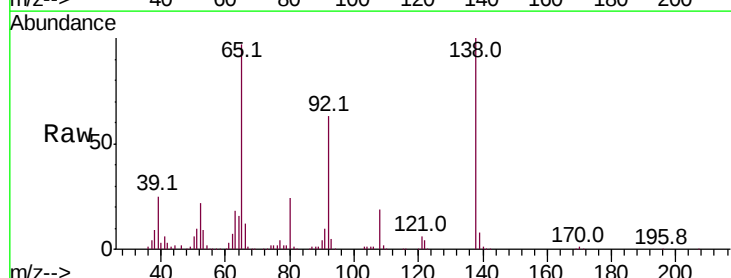
Delta R.T. -0.01 min

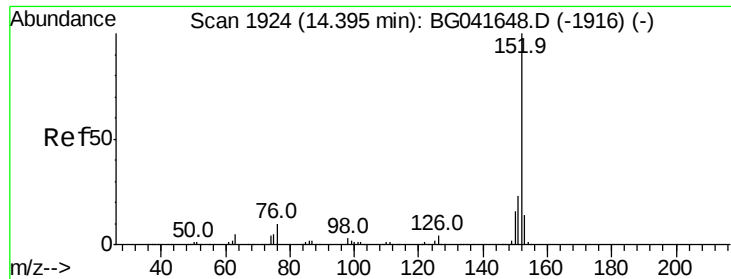
Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion: 65 Resp: 203129

Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.9	80.9
138	103.6	83.5	125.3





#49

Acenaphthylene

Concen: 45.141 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

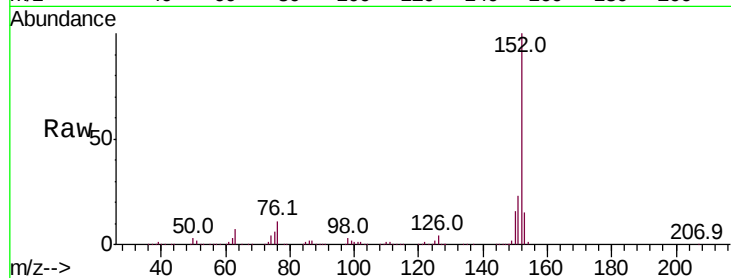
Tot Ion:152 Resp: 1022406

Ion Ratio Lower Upper

152 100

151 22.6 18.7 28.1

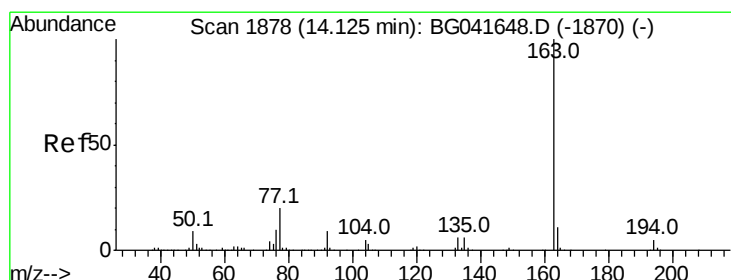
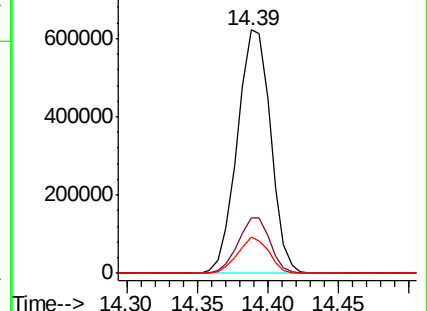
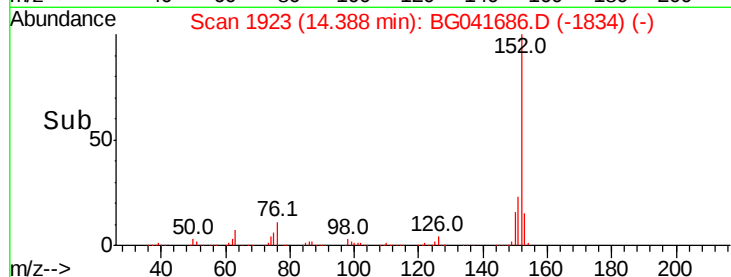
153 14.8 12.4 18.6



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: 45.591 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

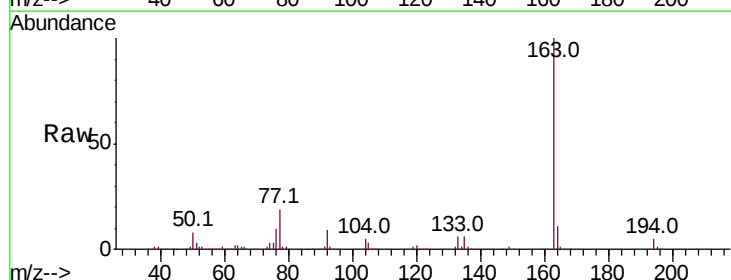
Tgt Ion:163 Resp: 832015

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

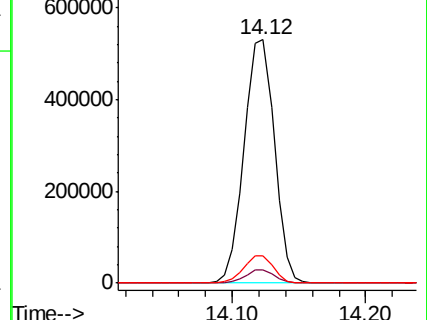
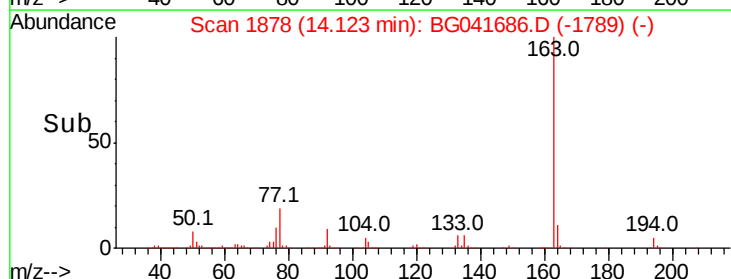
164 11.1 9.4 14.2

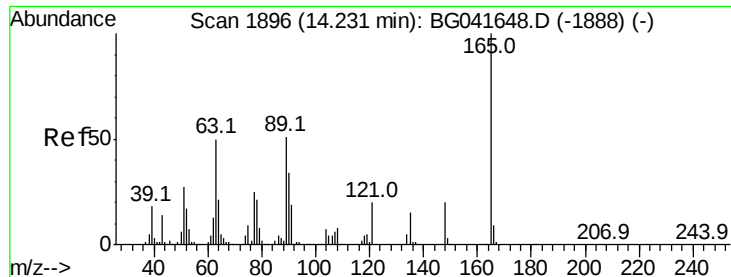


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.429 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

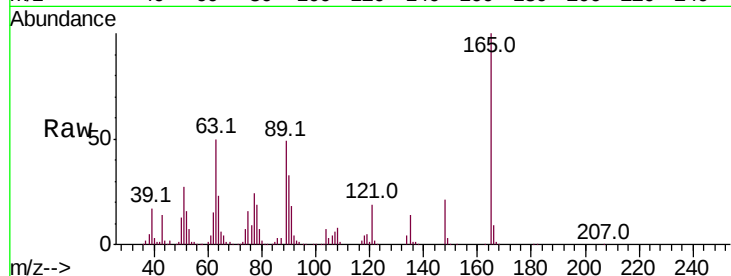
Tot Ion:165 Resp: 195208

Ion Ratio Lower Upper

165 100

63 49.7 42.4 63.6

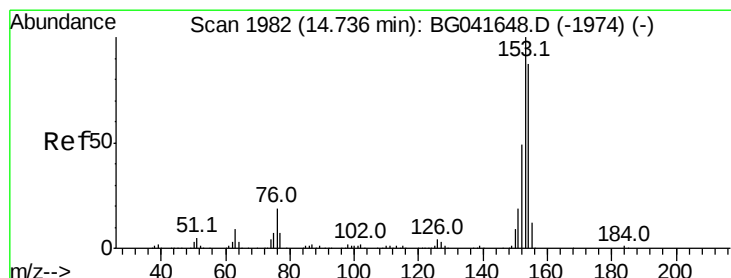
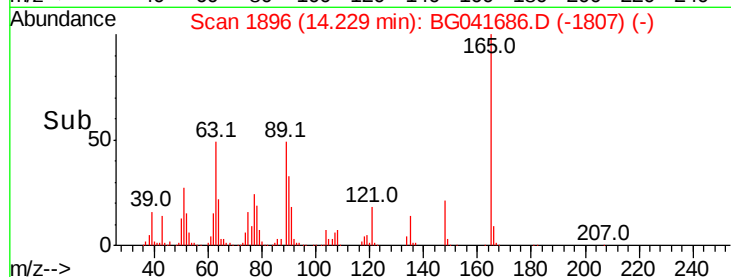
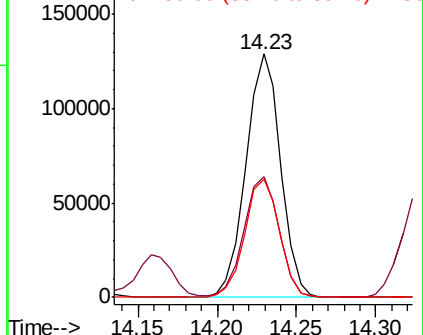
89 48.7 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 49.330 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

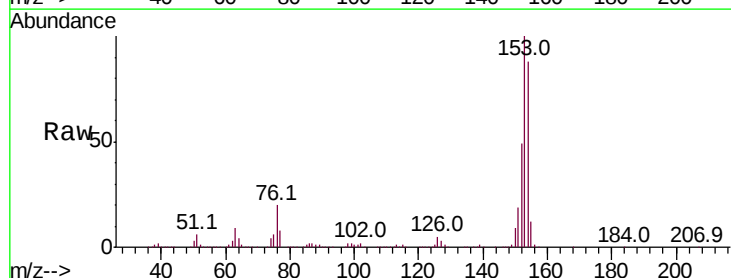
Tgt Ion:154 Resp: 704098

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

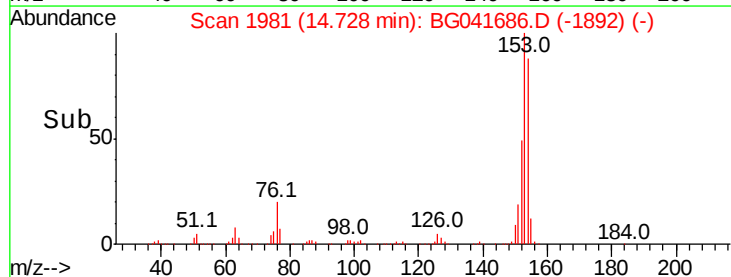
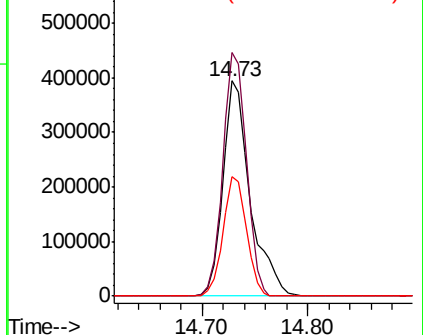
152 55.8 44.9 67.3

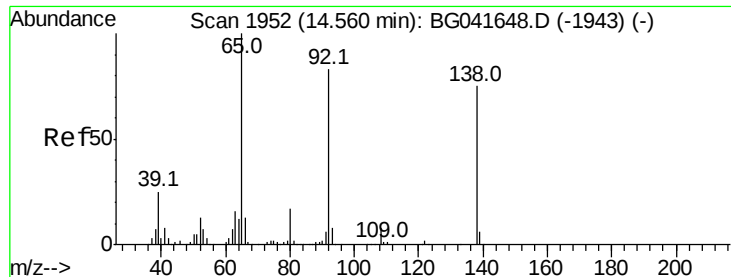


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

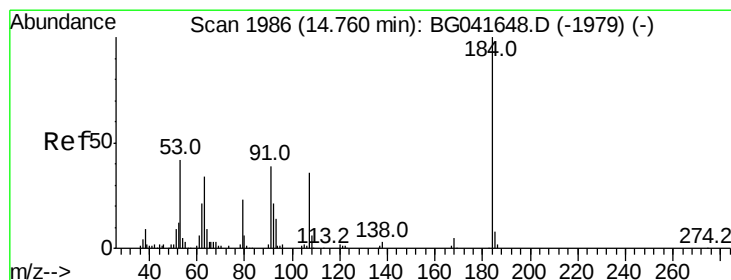
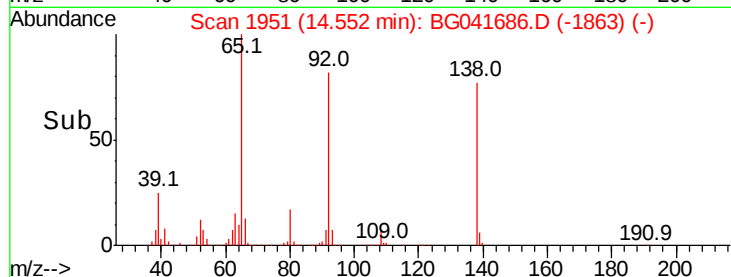
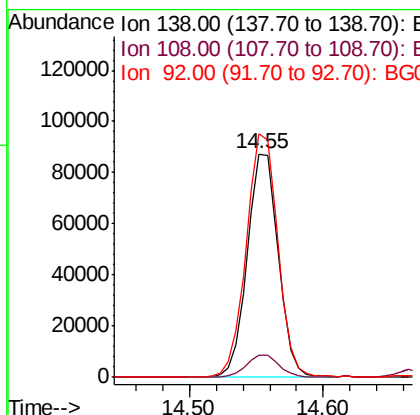
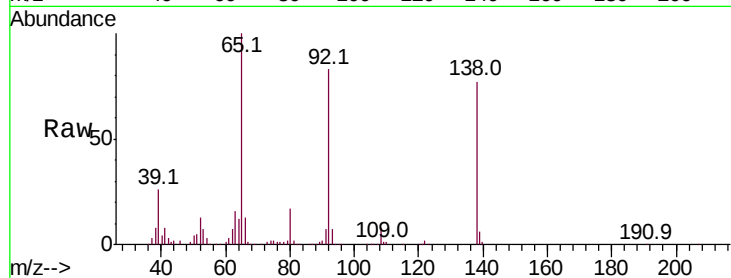




#53
3-Nitroaniline
Concen: 33.077 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

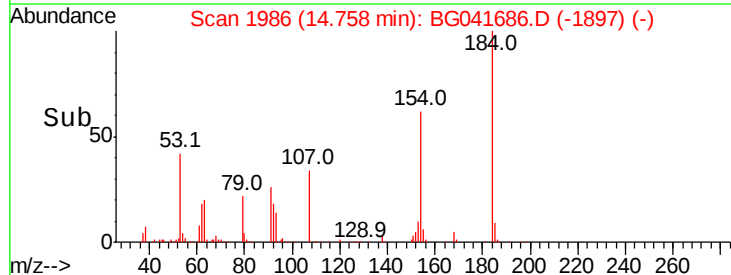
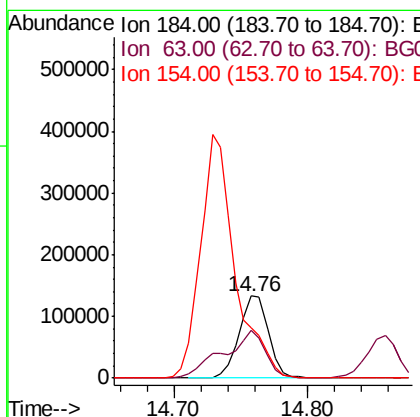
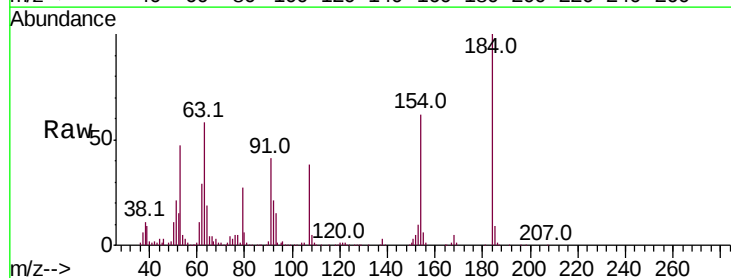
Instrument :
BNA_G
ClientSampleId :
PB121423BS

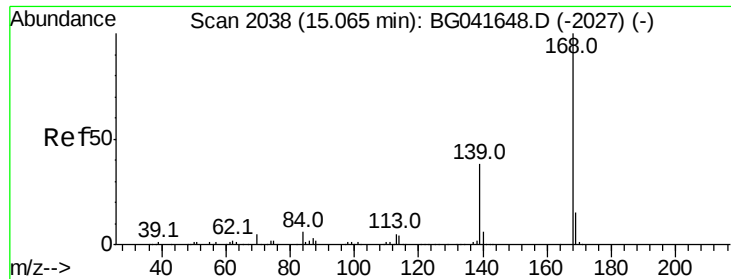
Tot Ion:138 Resp: 139772
Ion Ratio Lower Upper
138 100
108 10.1 10.3 15.5#
92 109.0 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 101.523 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:184 Resp: 203118
Ion Ratio Lower Upper
184 100
63 58.4 43.2 64.8
154 62.0 51.4 77.2





#55

Dibenzenofuran

Concen: 45.950 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

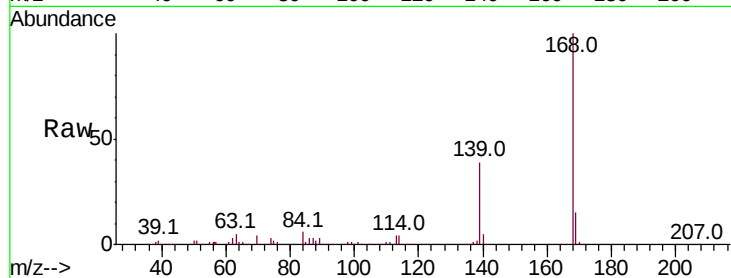
Tot Ion:168 Resp: 984171

Ion Ratio Lower Upper

168 100

139 38.7 31.9 47.9

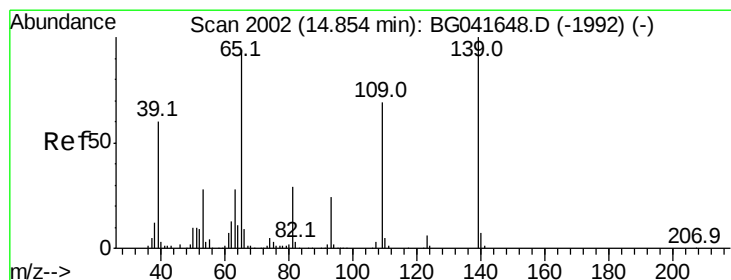
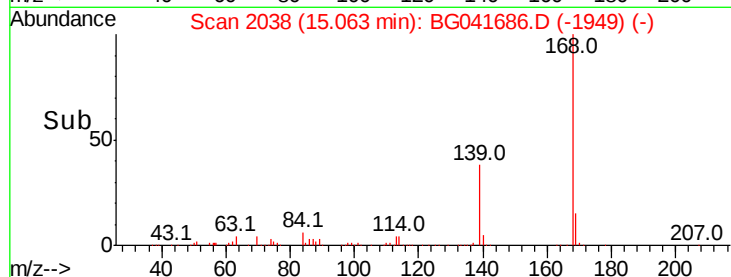
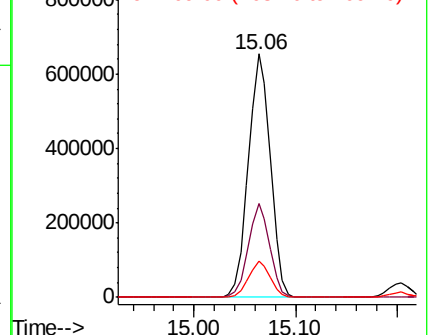
169 14.7 12.5 18.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 111.347 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

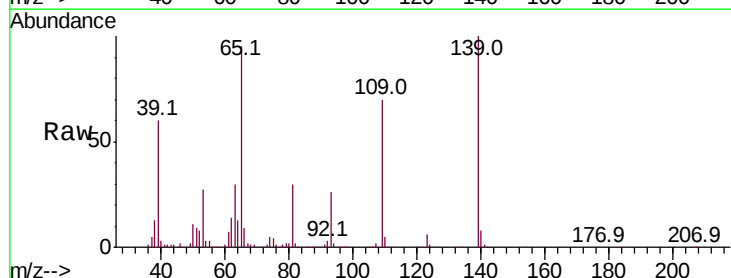
Tgt Ion:139 Resp: 380936

Ion Ratio Lower Upper

139 100

109 69.6 51.3 91.3

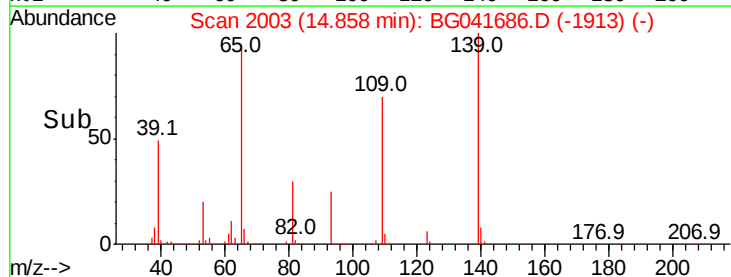
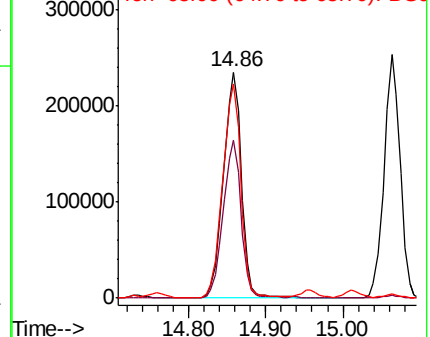
65 94.8 77.6 117.6

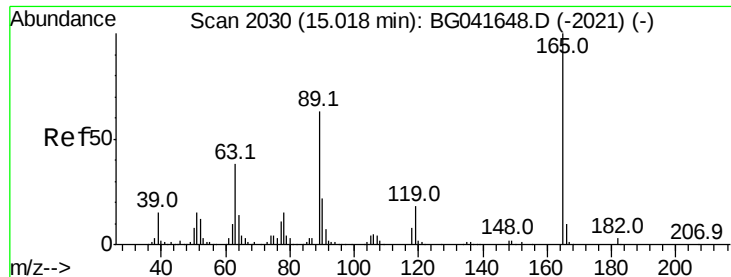


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

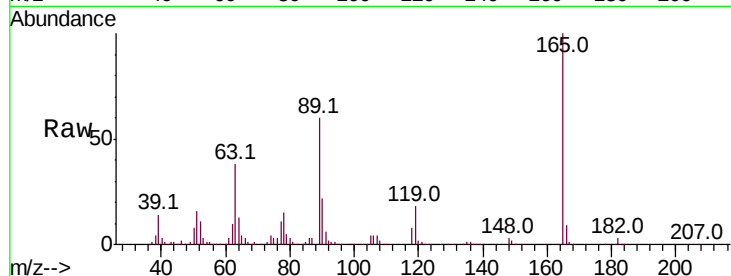




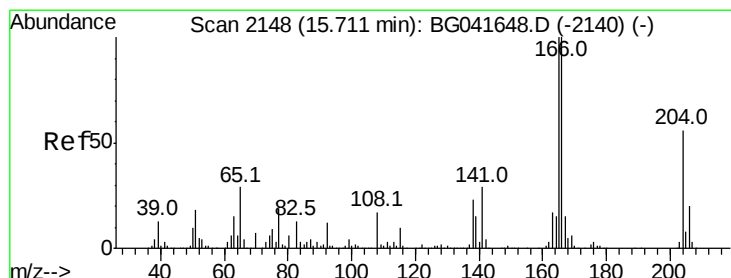
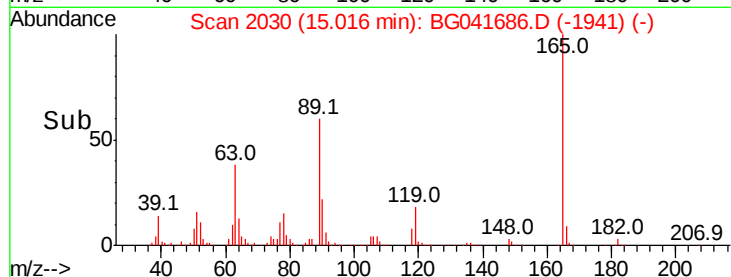
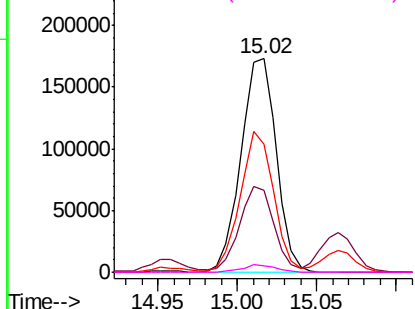
#57
2,4-Dinitrotoluene
Concen: 52.326 ng
RT: 15.02 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:165 Resp: 267750
Ion Ratio Lower Upper
165 100
63 38.3 31.7 47.5
89 60.1 50.2 75.4
182 3.1 2.6 4.0

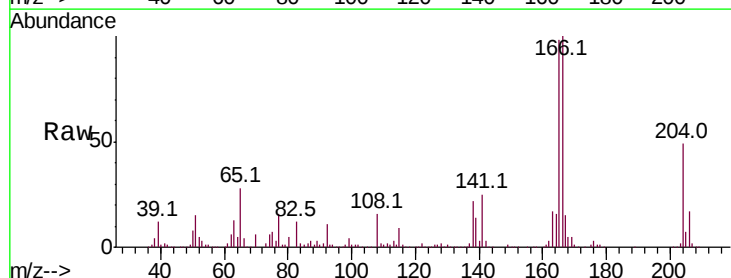


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

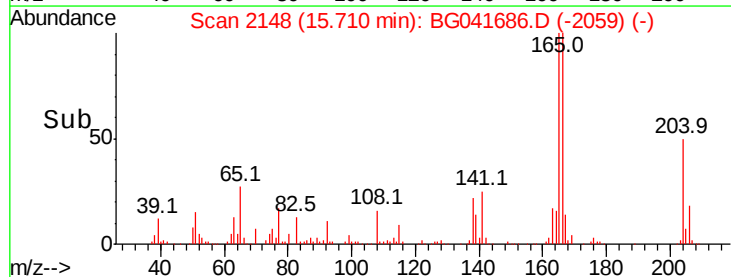
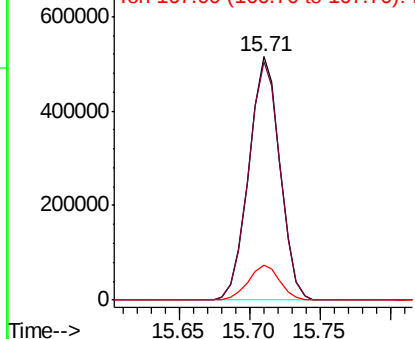


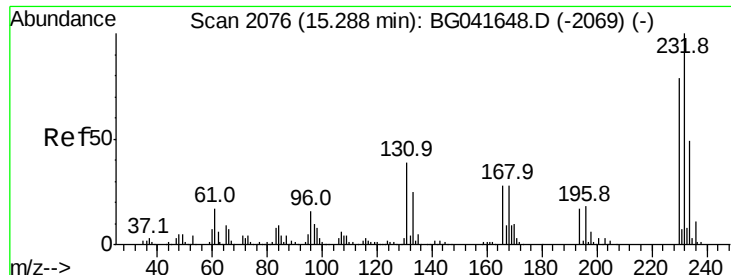
#58
Fluorene
Concen: 45.609 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:166 Resp: 794862
Ion Ratio Lower Upper
166 100
165 98.0 80.5 120.7
167 14.6 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

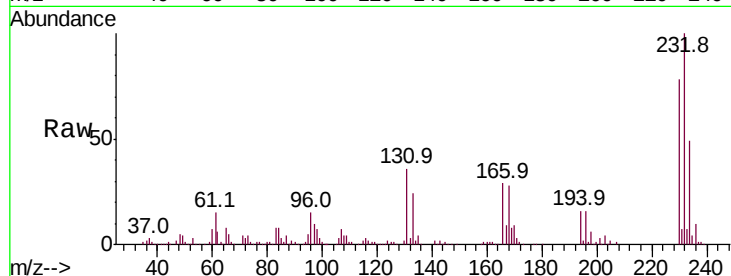




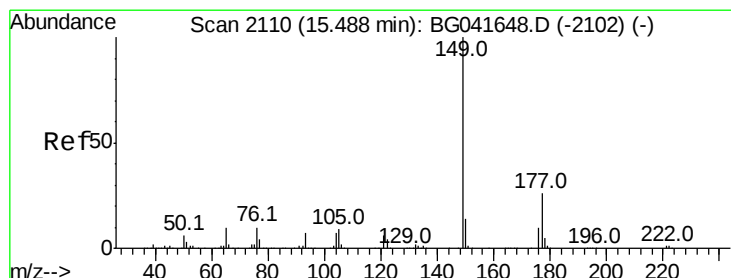
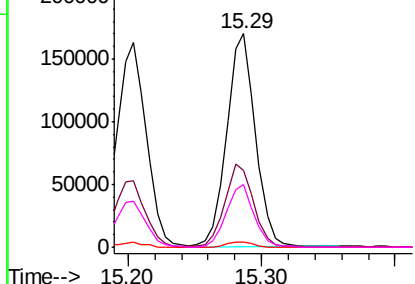
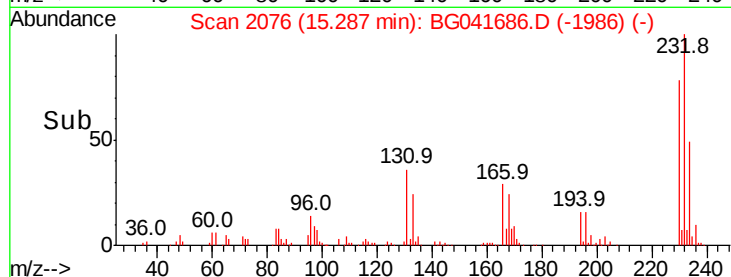
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.622 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:	232	Resp:	254648
Ion	Ratio	Lower	Upper
232	100		
131	39.7	31.8	47.6
130	2.3	1.8	2.8
166	28.6	23.5	35.3

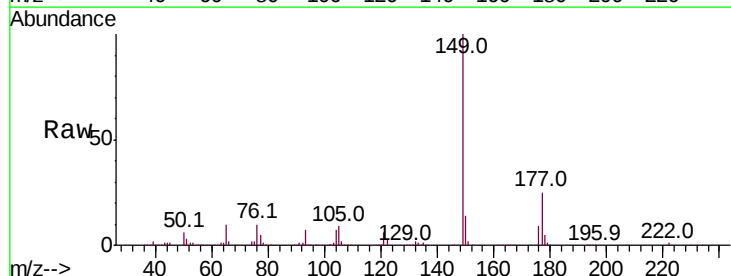


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

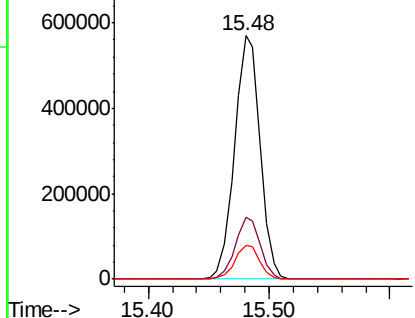
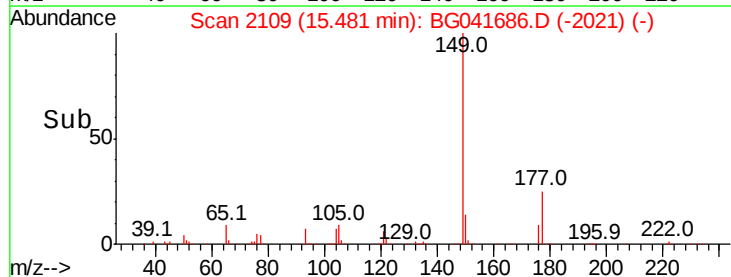


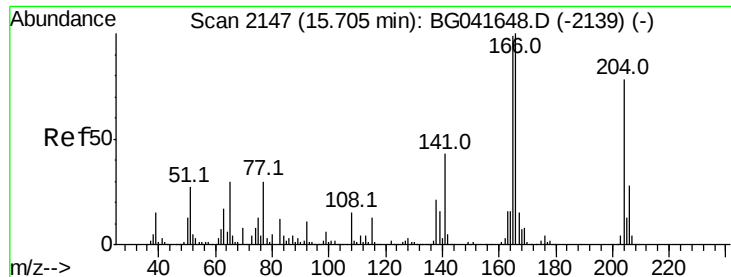
#60
Diethylphthalate
Concen: 45.471 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:	149	Resp:	835980
Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.7	31.1
150	13.8	11.5	17.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 45.494 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

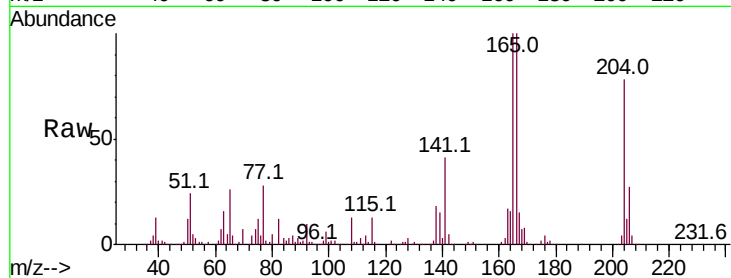
Tot Ion:204 Resp: 448173

Ion Ratio Lower Upper

204 100

206 35.0 28.6 42.8

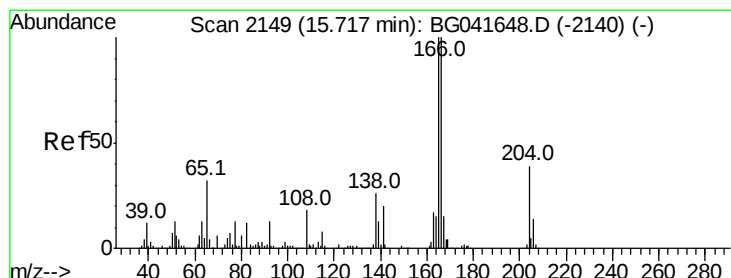
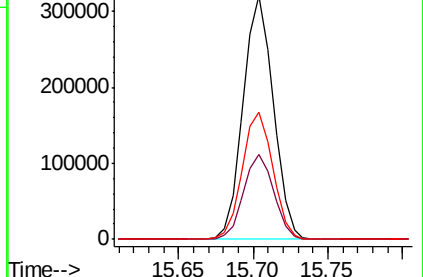
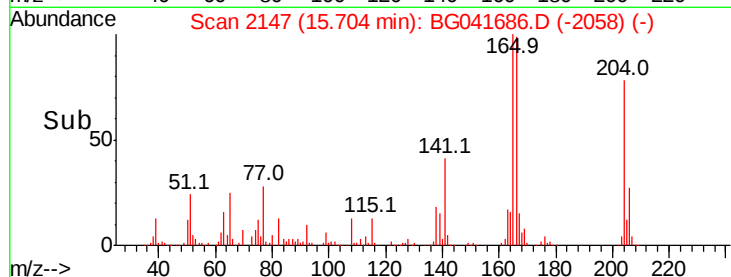
141 52.1 42.9 64.3



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 46.698 ng

RT: 15.72 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

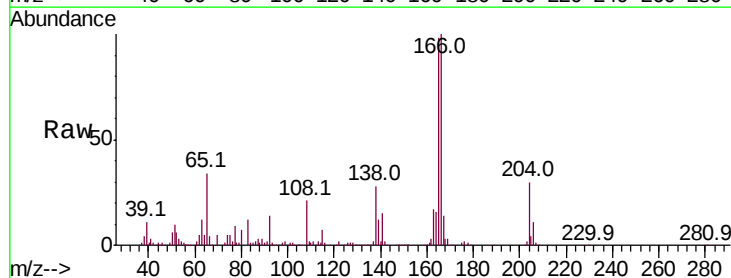
Tgt Ion:138 Resp: 209283

Ion Ratio Lower Upper

138 100

92 50.7 29.8 69.8

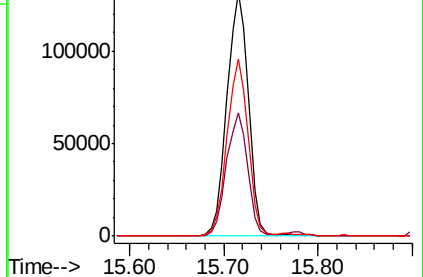
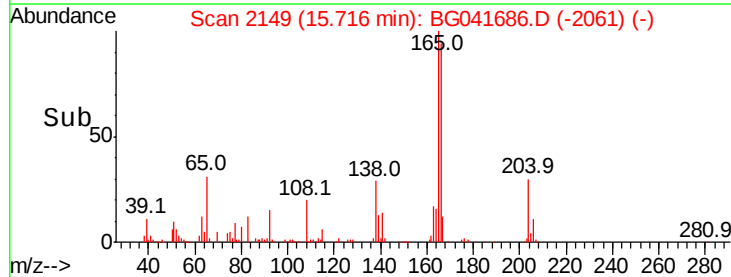
108 72.7 52.2 92.2

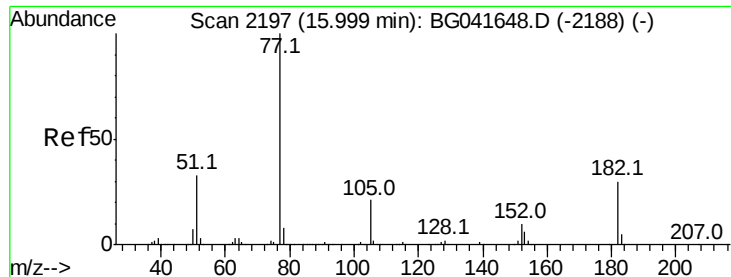


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.898 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion: 77 Resp: 746272

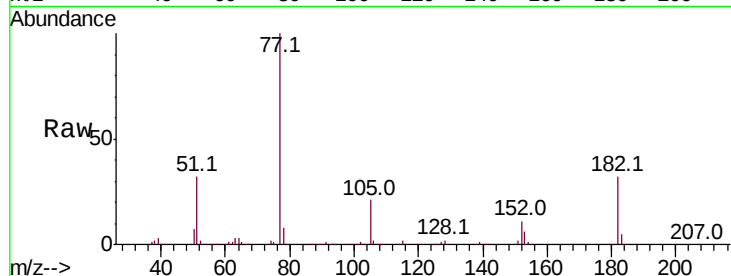
Ion Ratio Lower Upper

77 100

182 31.7 13.2 53.2

105 21.3 2.2 42.2

51 32.4 14.6 54.6

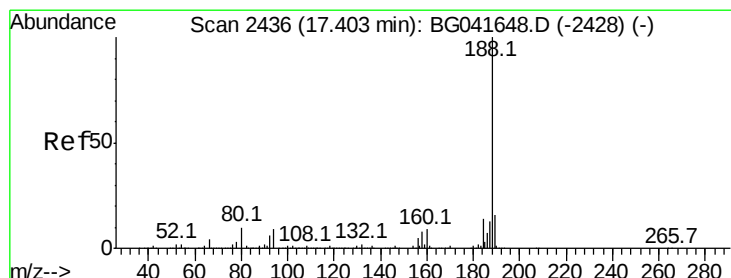
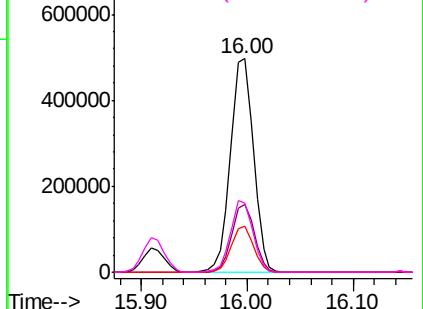
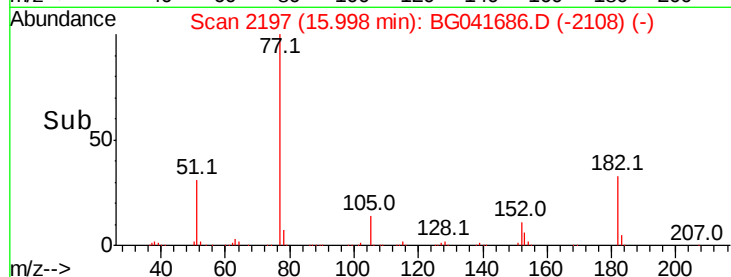


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

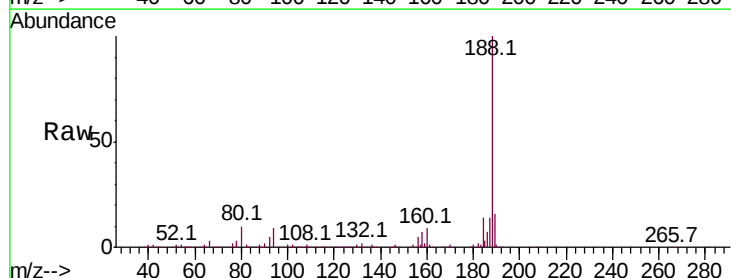
Tgt Ion: 188 Resp: 559482

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

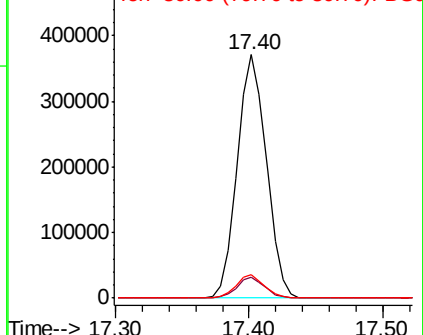
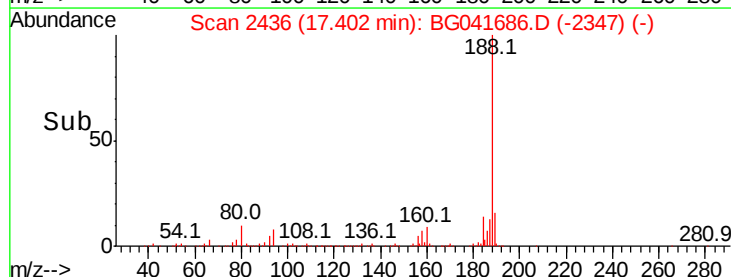
80 9.7 8.0 12.0

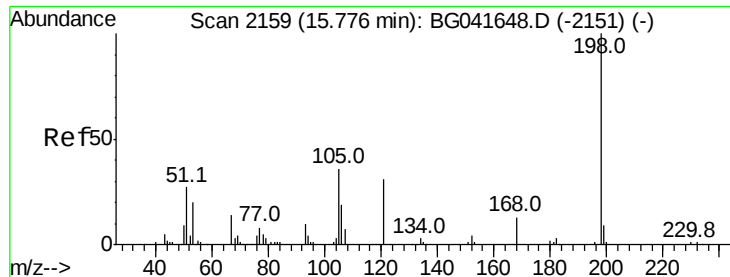


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.626 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

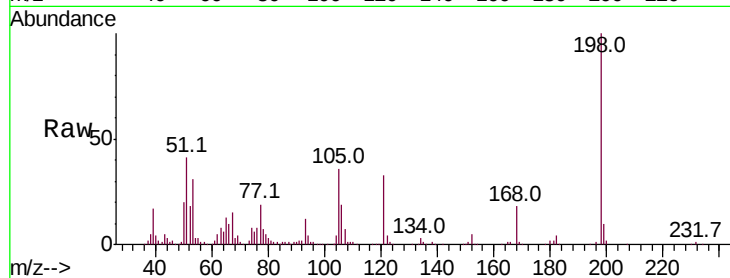
Tot Ion:198 Resp: 141758

Ion	Ratio	Lower	Upper
198	100		
51	40.9	22.3	62.3
105	36.3	18.0	58.0

198 100

51 40.9 22.3 62.3

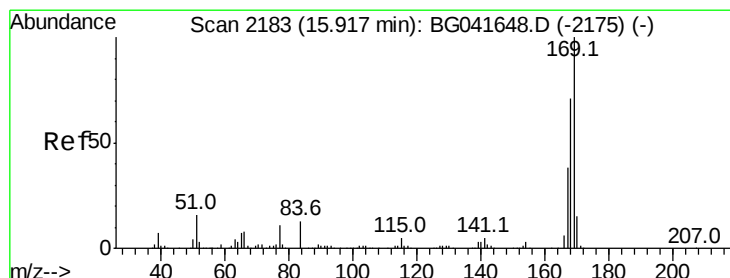
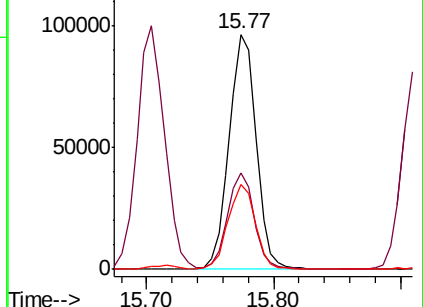
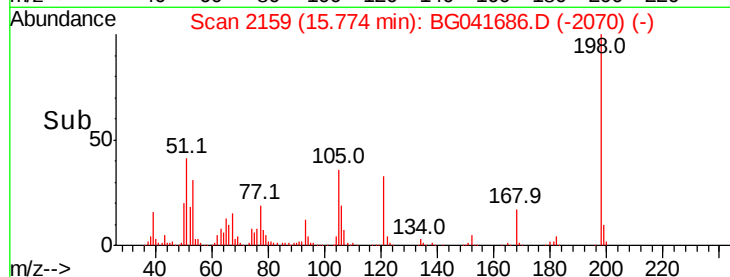
105 36.3 18.0 58.0



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: 45.635 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

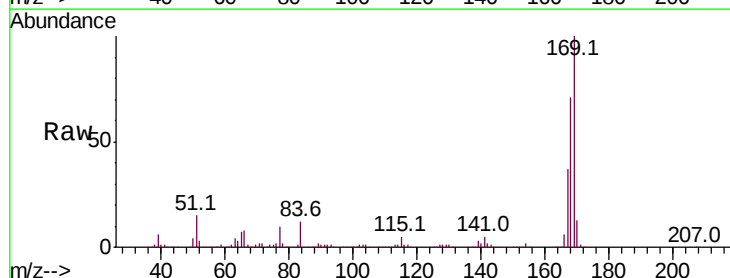
Tgt Ion:169 Resp: 749786

Ion	Ratio	Lower	Upper
169	100		
168	71.5	56.9	85.3
167	37.1	31.5	47.3

169 100

168 71.5 56.9 85.3

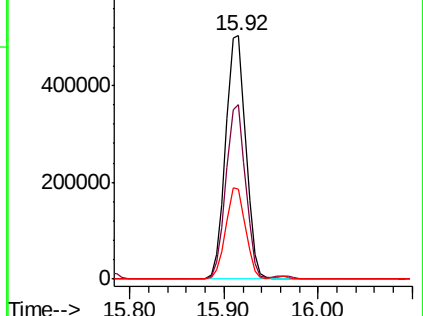
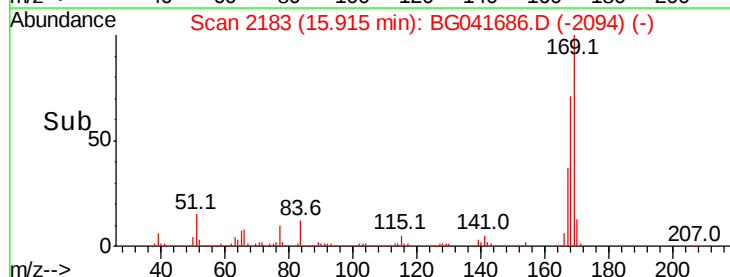
167 37.1 31.5 47.3

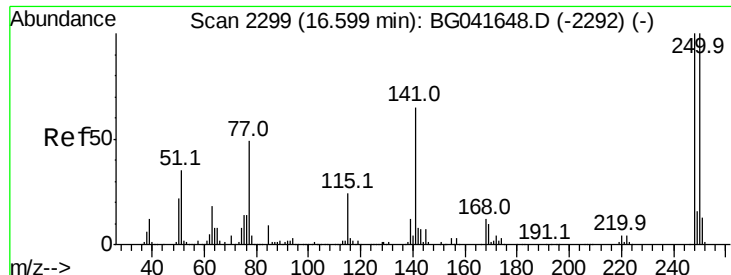


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

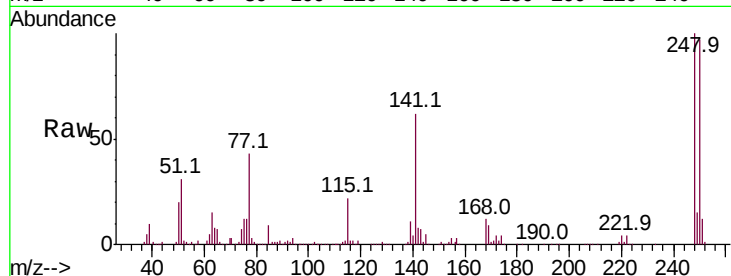




#67
 4-Bromophenyl-phenylether
 Concen: 44.909 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.1	117.1
141	61.8	49.6	74.4

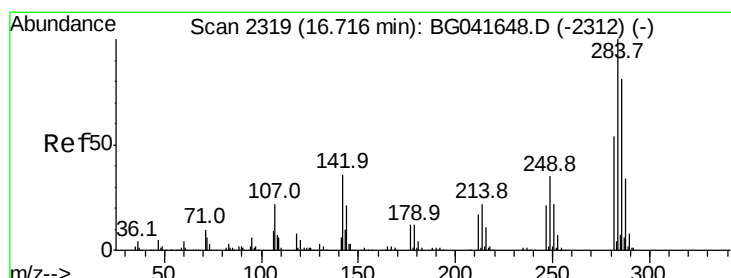
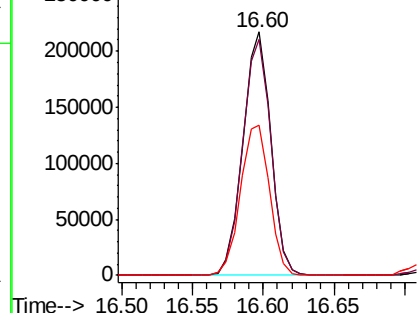
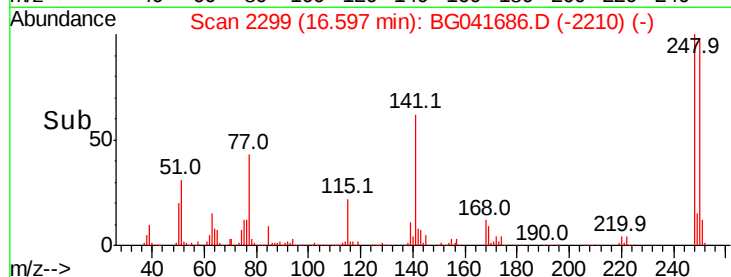


Abundance

Ion 248.00 (247.70 to 248.70): E

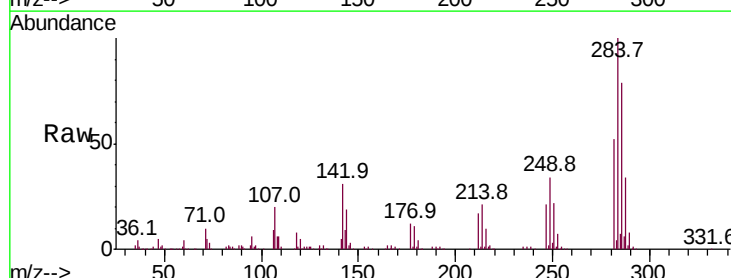
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.773 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	27.0	40.6
249	33.8	28.4	42.6

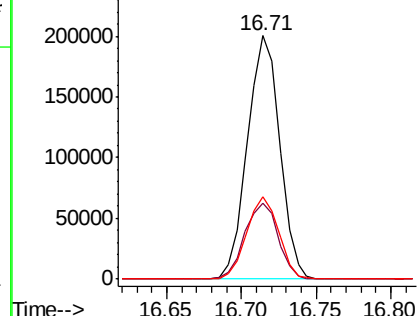
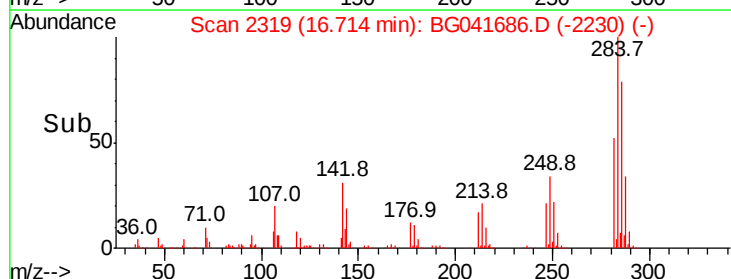


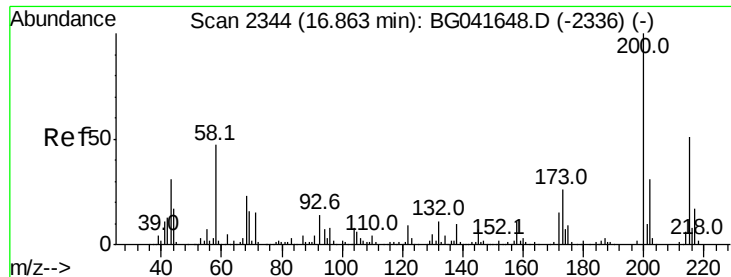
Abundance

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

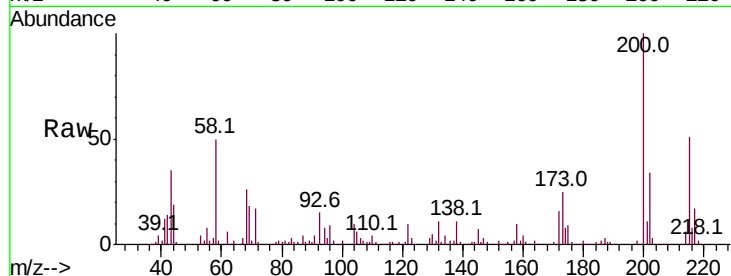




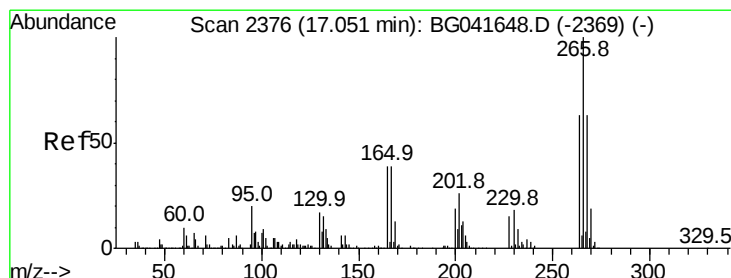
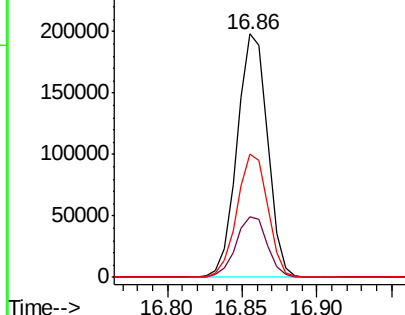
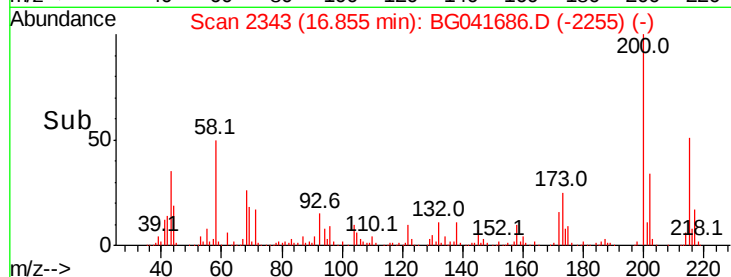
#69
 Atrazine
 Concen: 47.262 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	5.3	45.3
215	50.9	31.8	71.8

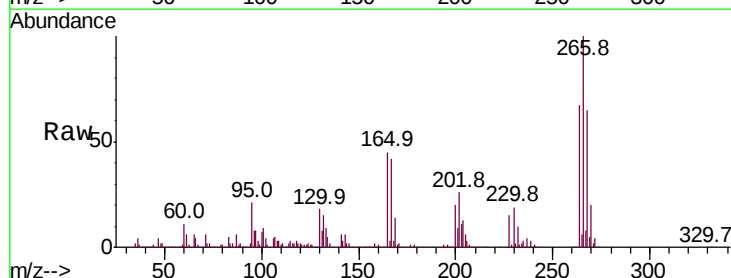


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

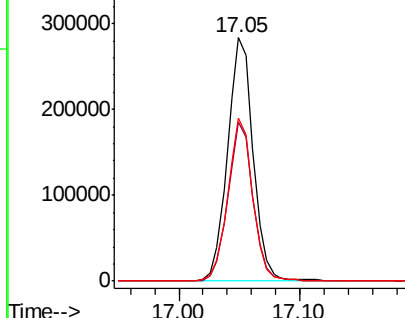
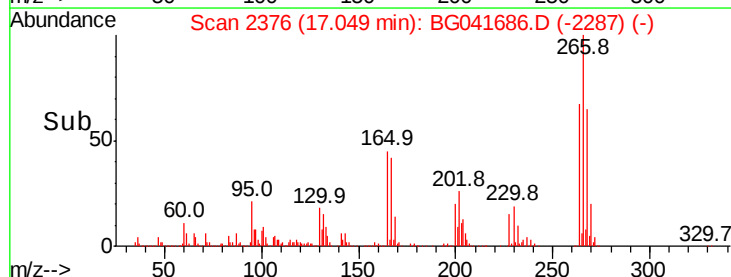


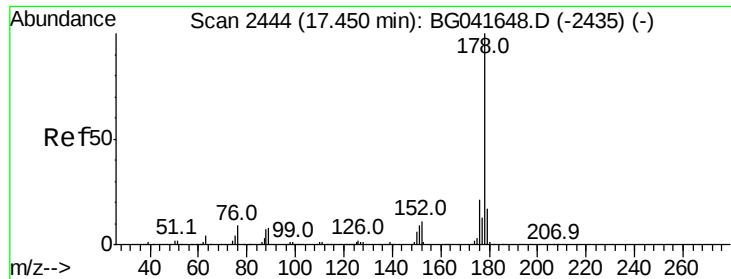
#70
 Pentachlorophenol
 Concen: 99.764 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.9	79.3
264	66.9	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

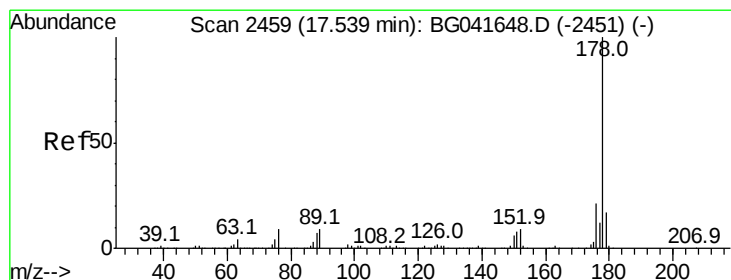
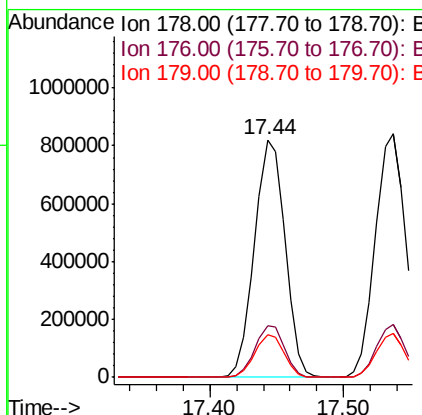
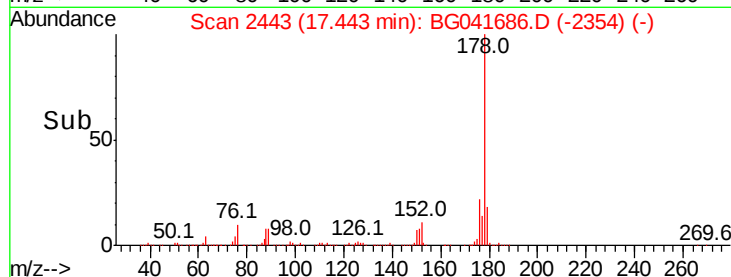
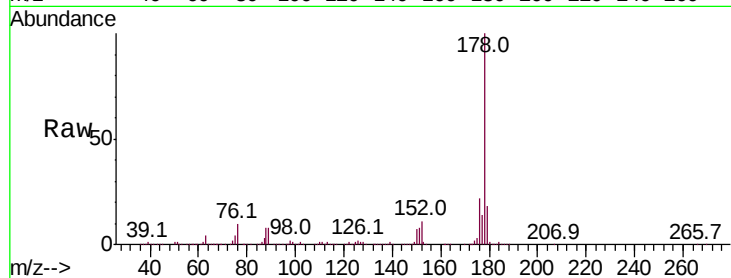




#71
Phenanthrene
Concen: 45.949 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

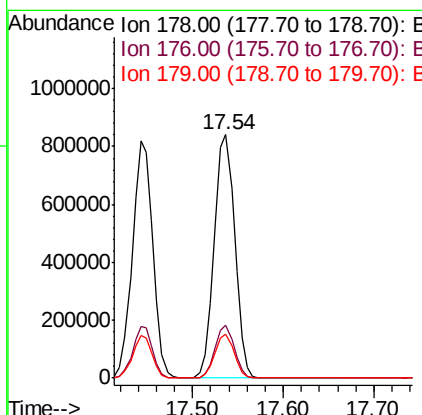
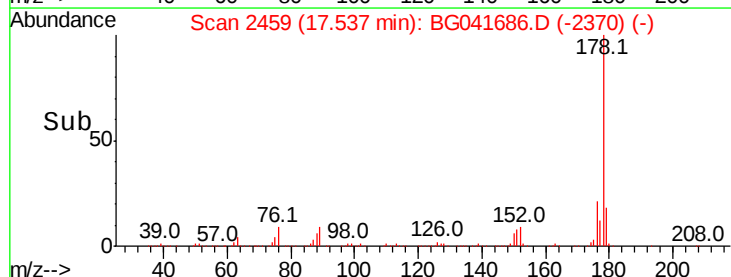
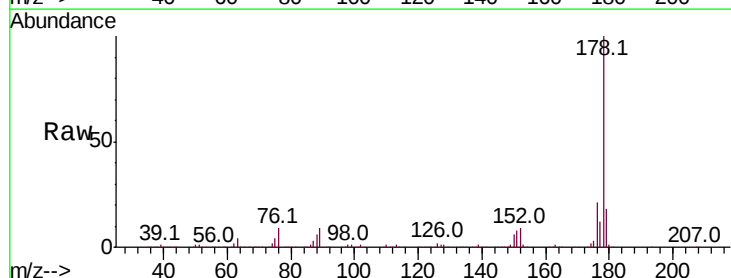
Instrument :
BNA_G
ClientSampleId :
PB121423BS

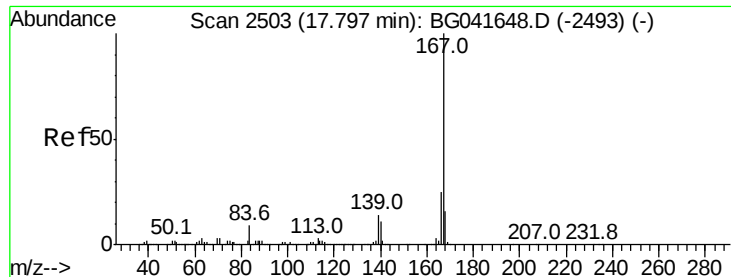
Tot Ion:178 Resp: 1294655
Ion Ratio Lower Upper
178 100
176 21.6 18.6 28.0
179 17.8 15.4 23.0



#72
Anthracene
Concen: 47.053 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:178 Resp: 1321511
Ion Ratio Lower Upper
178 100
176 21.5 18.6 28.0
179 17.8 15.1 22.7





#73

Carbazole

Concen: 46.837 ng

RT: 17.80 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

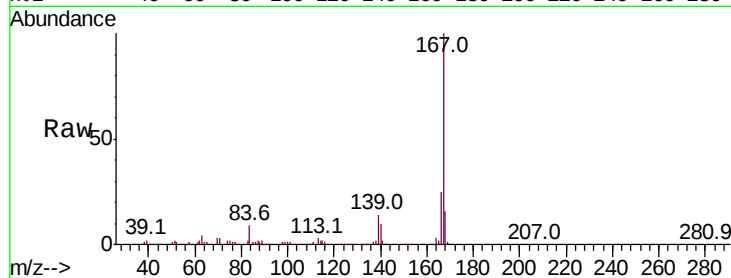
Tot Ion:167 Resp: 1219971

Ion Ratio Lower Upper

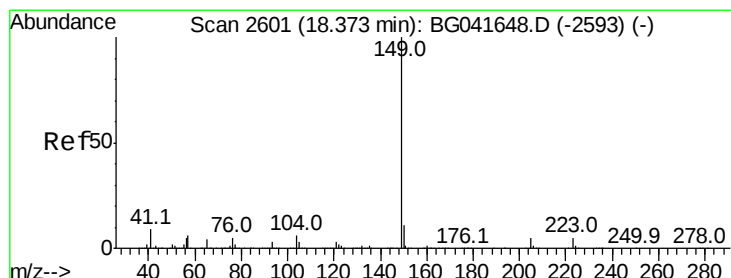
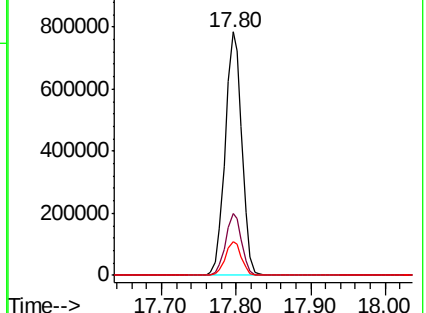
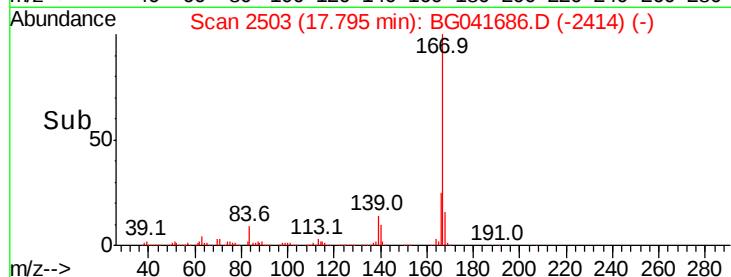
167 100

166 25.4 21.4 32.2

139 13.8 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.913 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

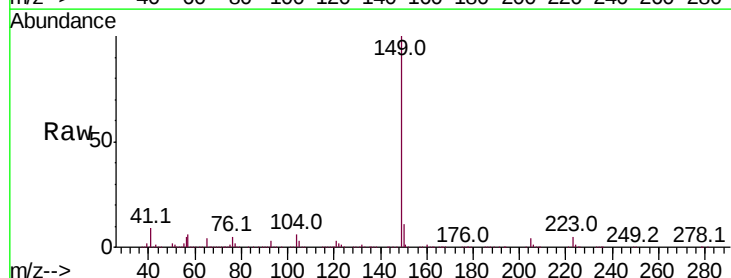
Tgt Ion:149 Resp: 1426825

Ion Ratio Lower Upper

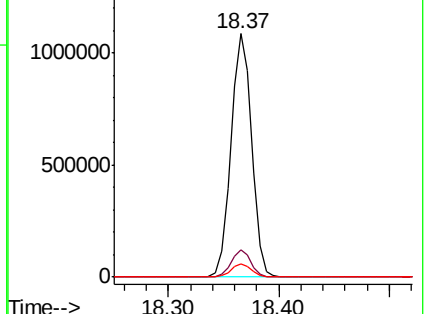
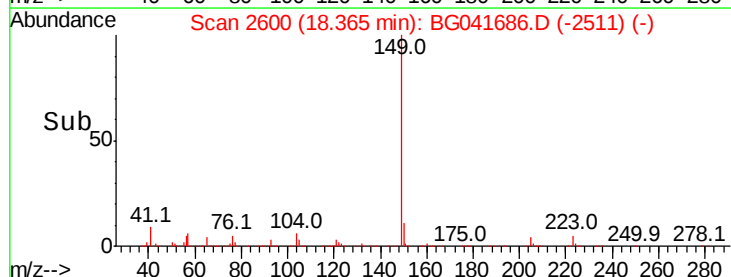
149 100

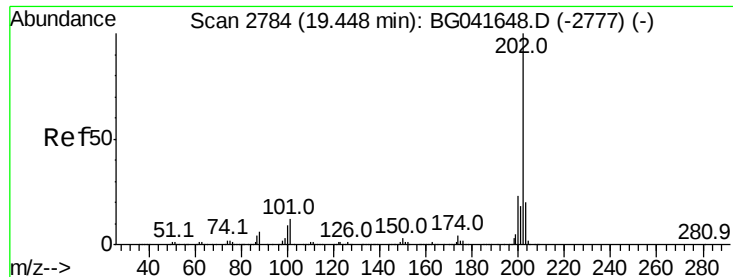
150 11.1 10.2 15.2

104 5.7 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.151 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

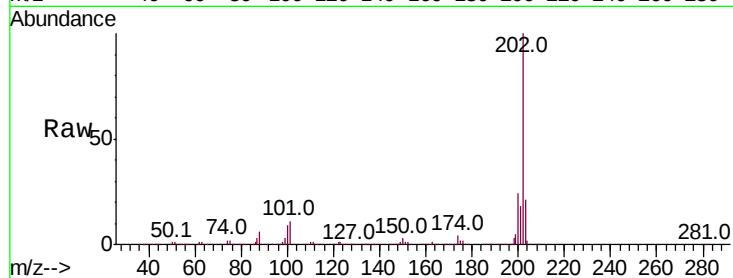
Tot Ion:202 Resp: 1596702

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.8

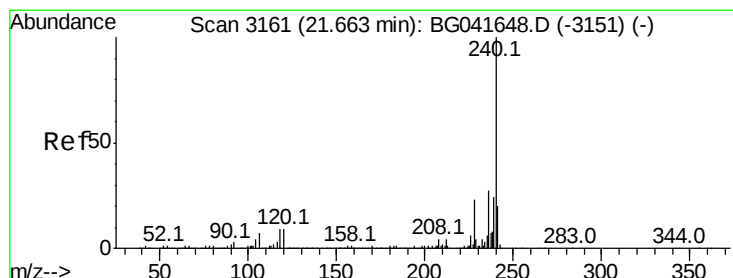
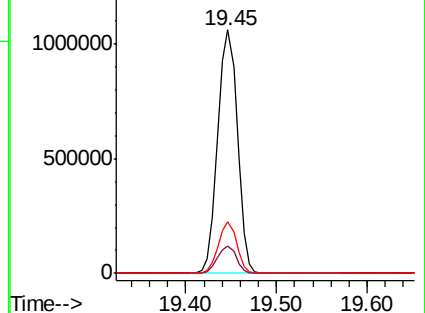
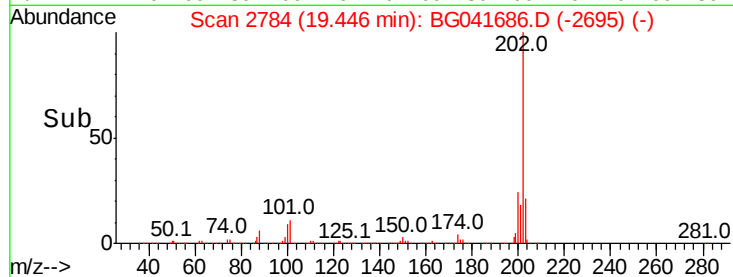
203 21.2 3.7 43.7



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: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

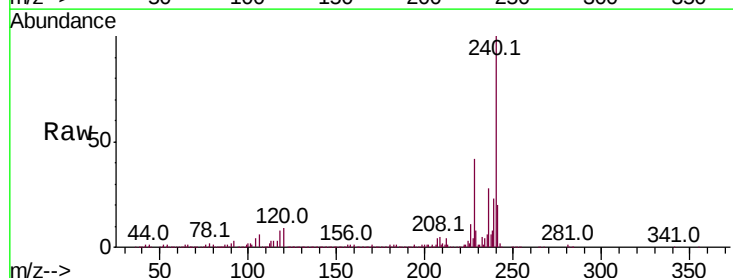
Tgt Ion:240 Resp: 539693

Ion Ratio Lower Upper

240 100

120 8.9 8.0 12.0

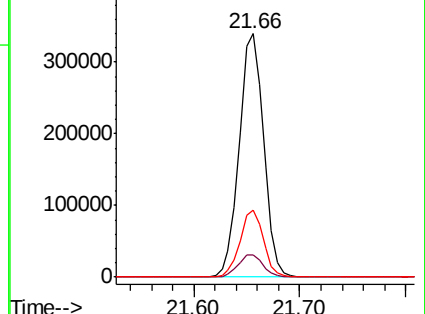
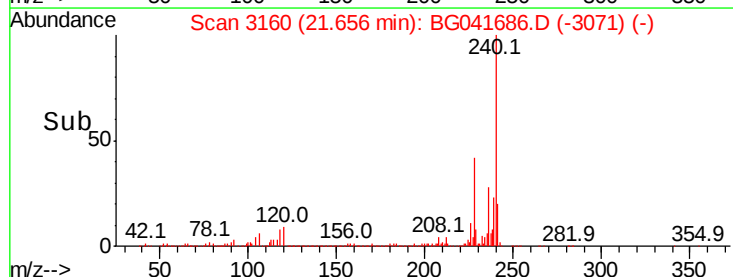
236 27.7 22.6 33.8

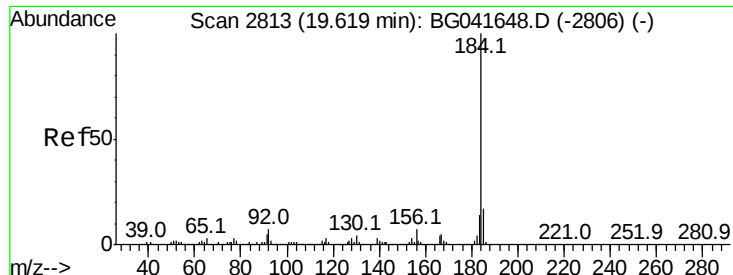


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.630 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

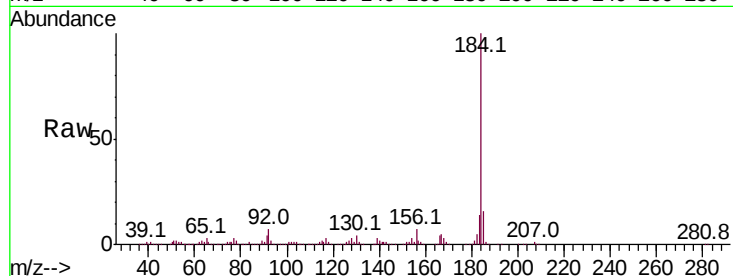
Tot Ion:184 Resp: 810722

Ion Ratio Lower Upper

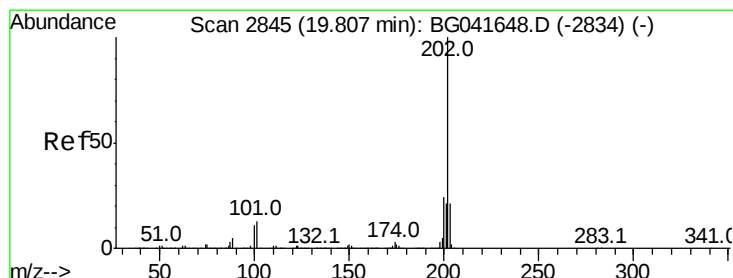
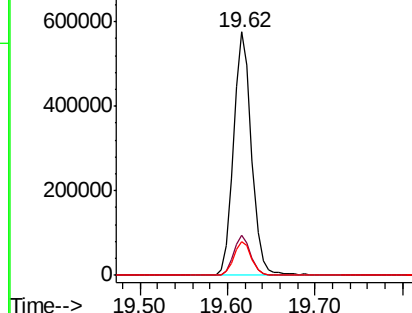
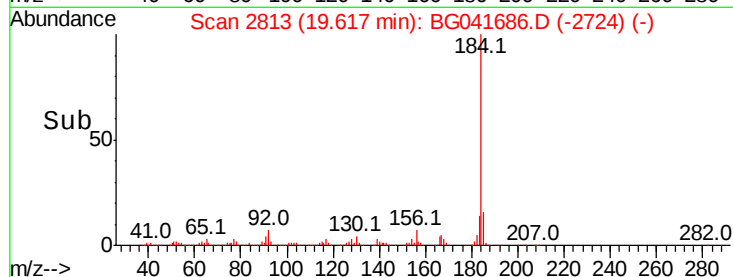
184 100

185 16.2 13.0 19.4

183 13.8 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: 43.957 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

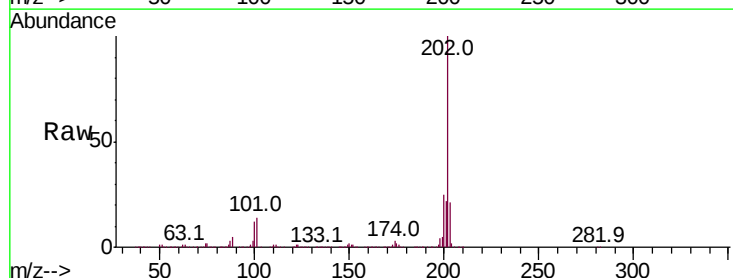
Tgt Ion:202 Resp: 1604461

Ion Ratio Lower Upper

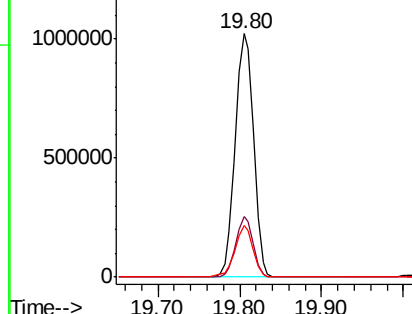
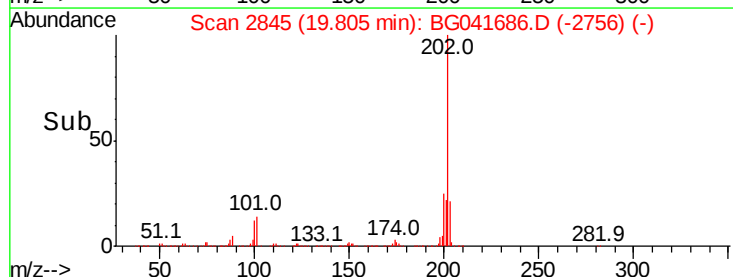
202 100

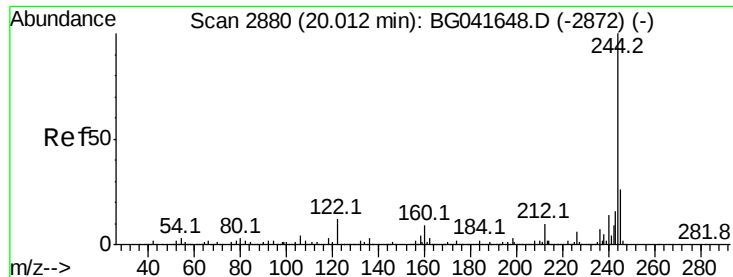
200 25.1 22.2 33.2

203 21.1 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: 91.015 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

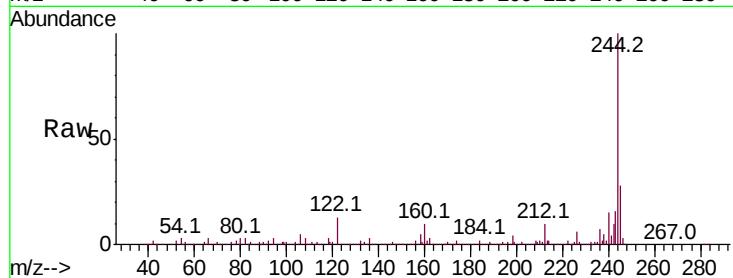
Tot Ion:244 Resp: 2101961

Ion Ratio Lower Upper

244 100

212 10.2 9.7 14.5

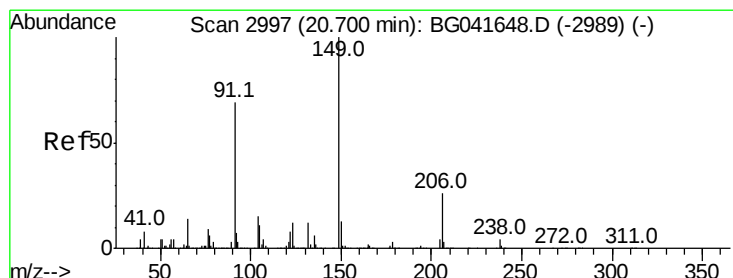
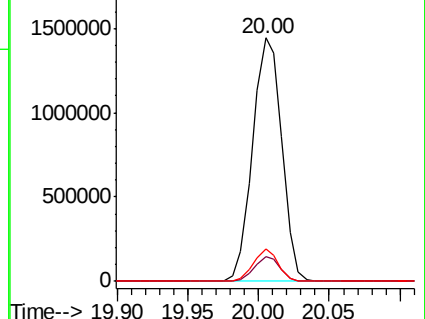
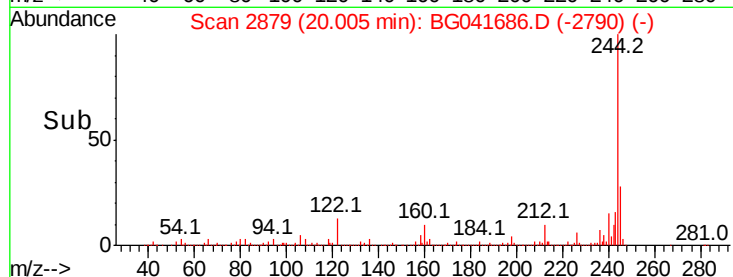
122 13.2 12.5 18.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.953 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

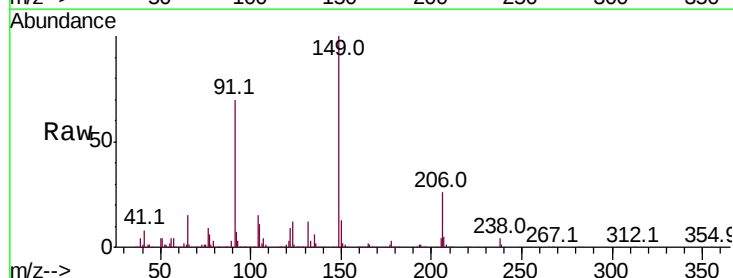
Tgt Ion:149 Resp: 681832

Ion Ratio Lower Upper

149 100

91 70.0 58.9 88.3

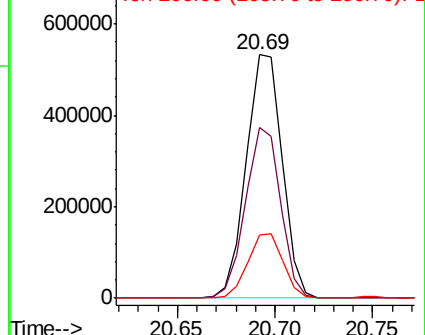
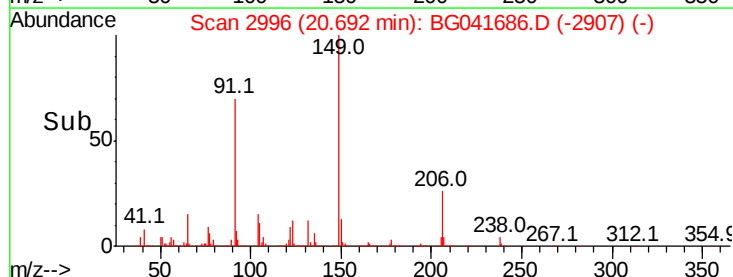
206 25.9 20.8 31.2

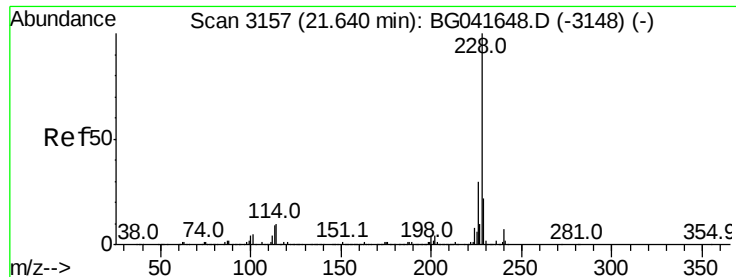


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.330 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

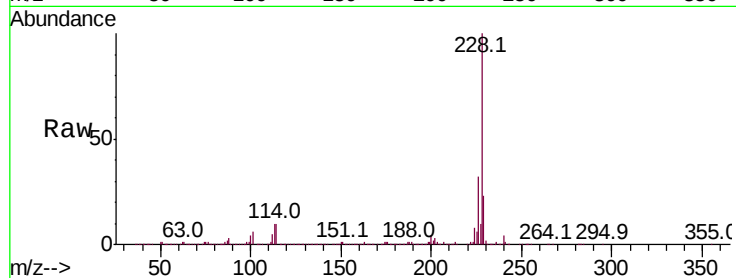
BNA_G

ClientSampleId :

PB121423BS

Tot Ion:228 Resp: 1545774

Ion	Ratio	Lower	Upper
228	100		
226	31.9	27.3	40.9
229	23.4	19.7	29.5

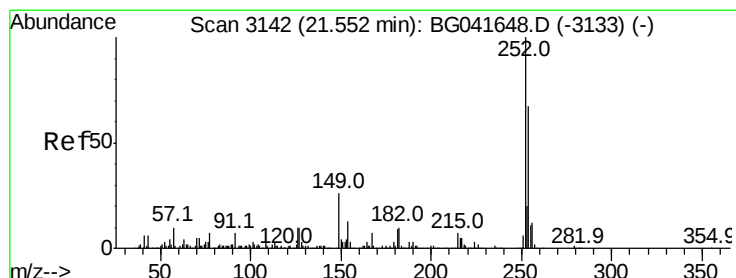
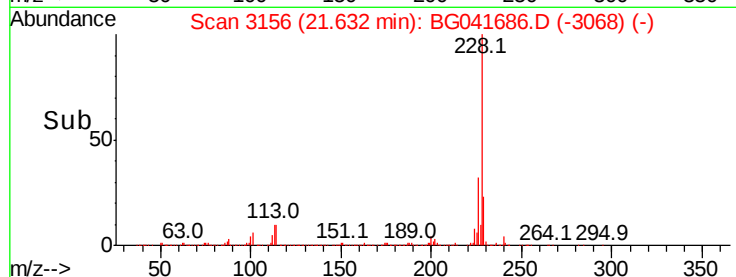
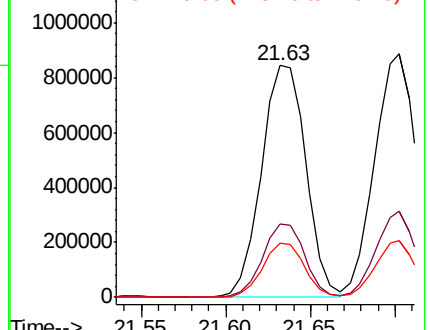


Abundance

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: 37.249 ng

RT: 21.54 min Scan# 3141

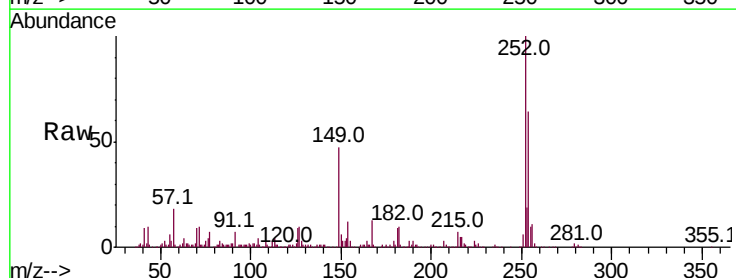
Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion:252 Resp: 511122

Ion	Ratio	Lower	Upper
252	100		
254	64.0	53.8	80.6
126	9.1	7.8	11.8

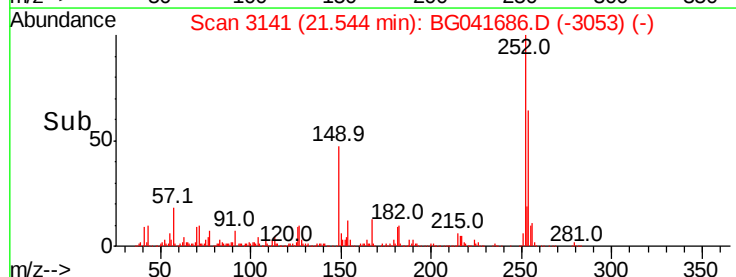
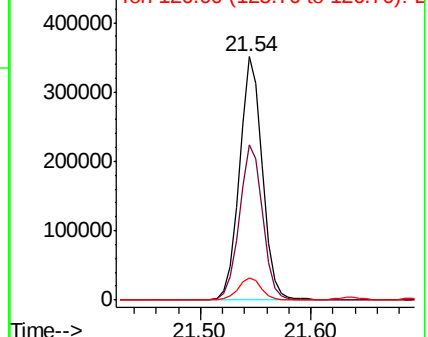


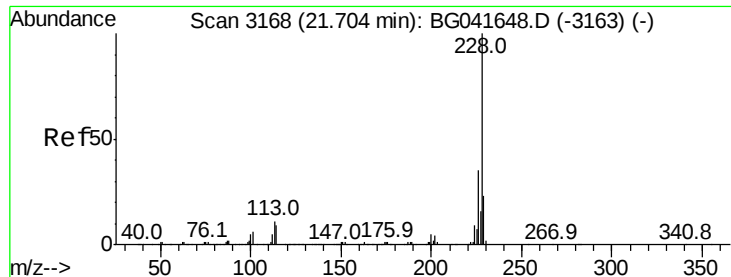
Abundance

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: 45.477 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

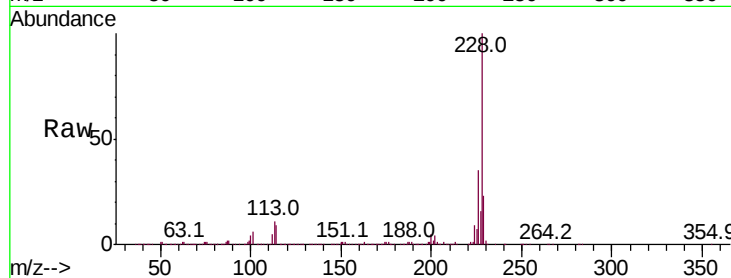
BNA_G

ClientSampleId :

PB121423BS

Tot Ion:228 Resp: 1515280

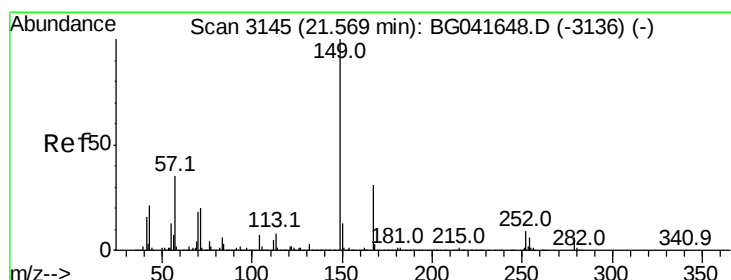
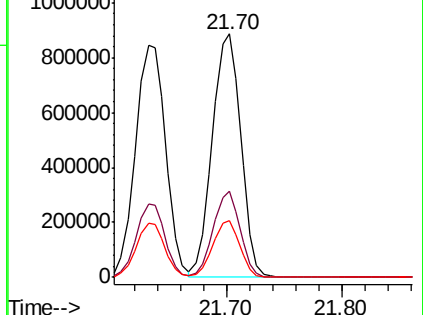
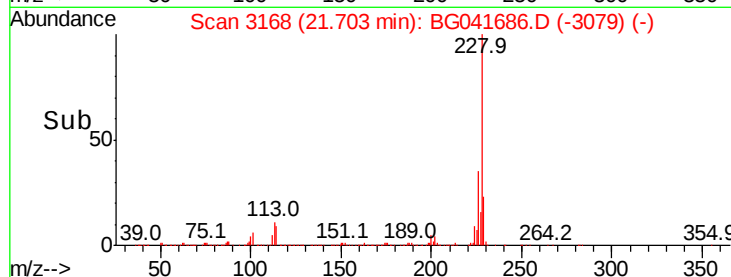
Ion	Ratio	Lower	Upper
228	100		
226	35.2	30.1	45.1
229	23.3	19.8	29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.650 ng

RT: 21.56 min Scan# 3144

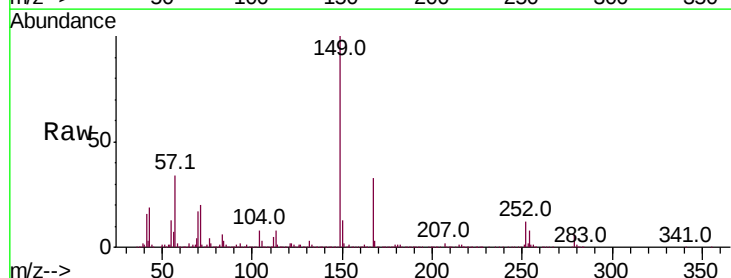
Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion:149 Resp: 956206

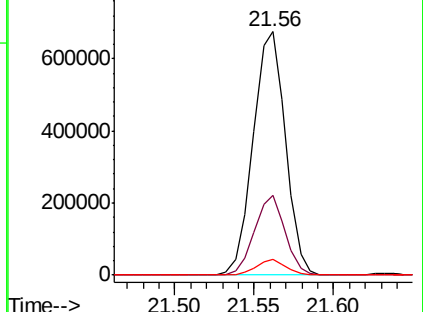
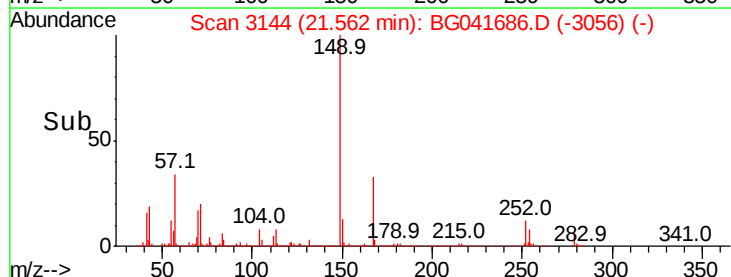
Ion	Ratio	Lower	Upper
149	100		
167	32.6	27.0	40.4
279	6.3	5.0	7.6

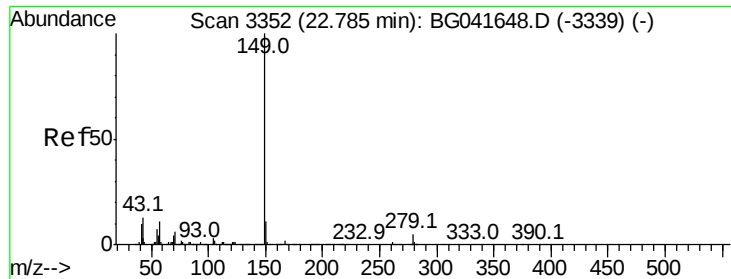


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.109 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

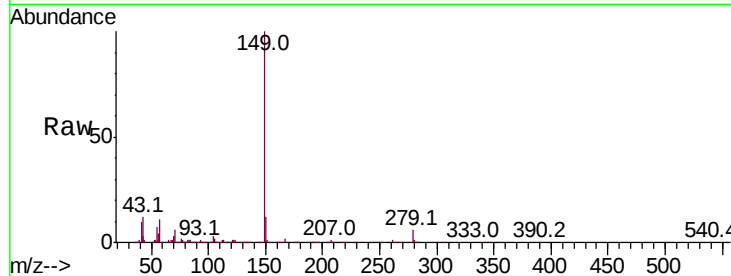
Tot Ion:149 Resp: 1645144

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

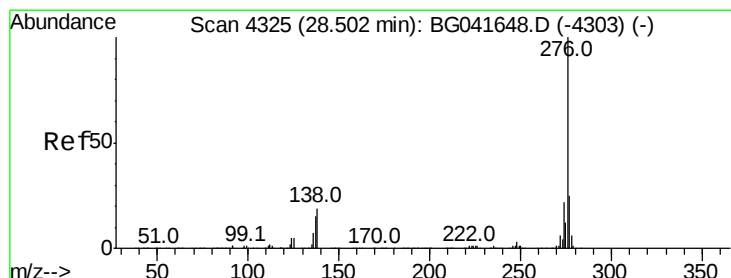
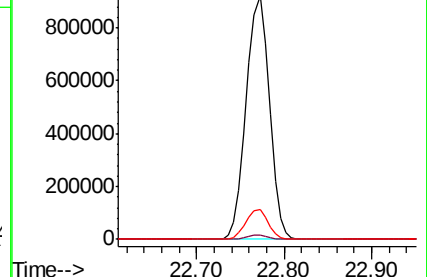
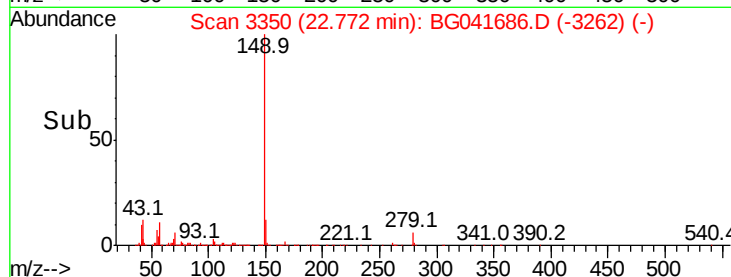
43 11.8 10.6 16.0



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: 44.519 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.03 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

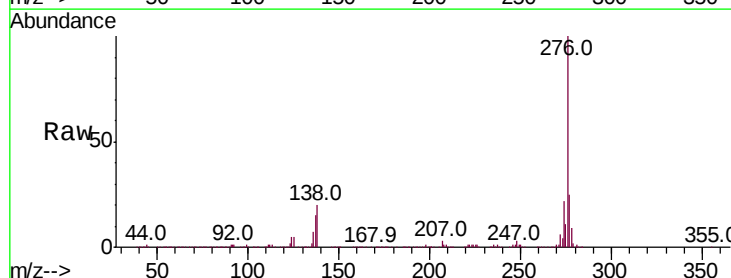
Tgt Ion:276 Resp: 1957254

Ion Ratio Lower Upper

276 100

138 16.3 19.4 29.0#

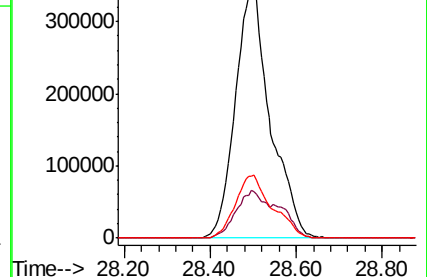
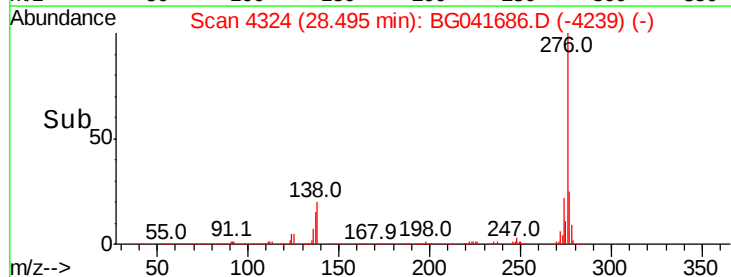
277 26.5 21.2 31.8

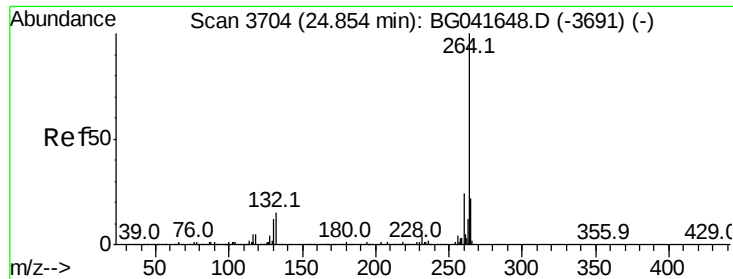


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

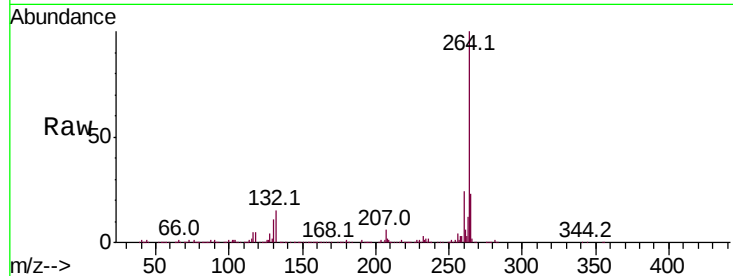
Tot Ion:264 Resp: 560033

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

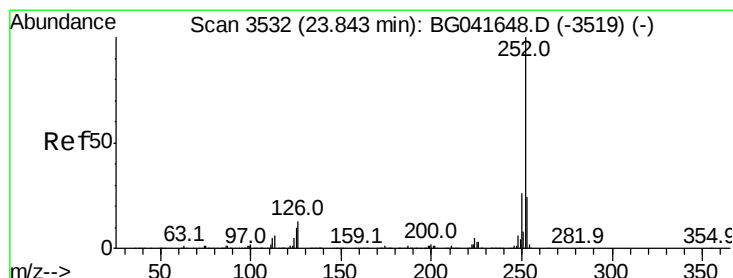
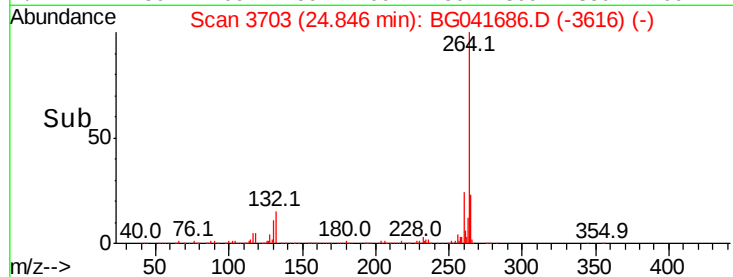
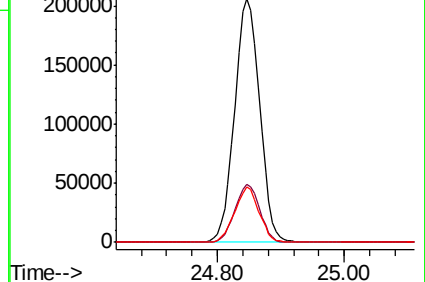
265 22.9 18.0 27.0



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: 50.234 ng

RT: 23.84 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

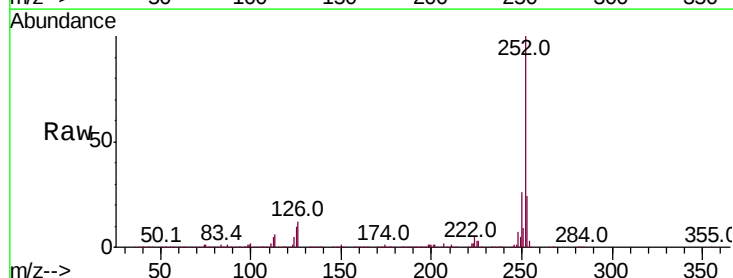
Tgt Ion:252 Resp: 1706442

Ion Ratio Lower Upper

252 100

253 24.3 20.6 30.8

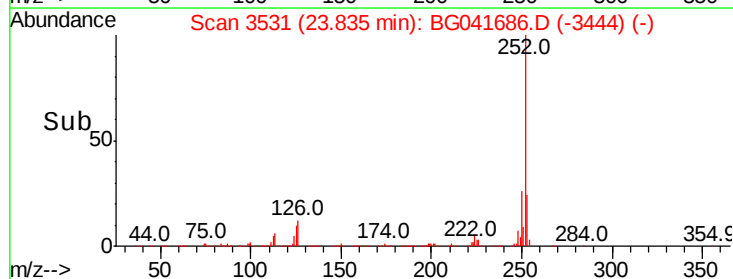
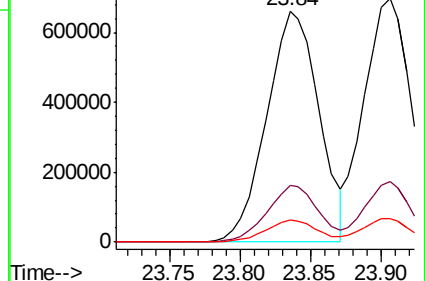
125 9.9 8.0 12.0

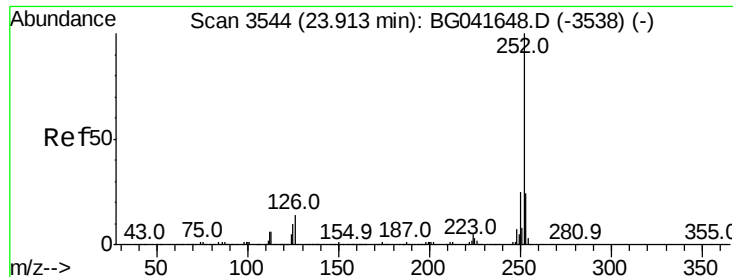


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

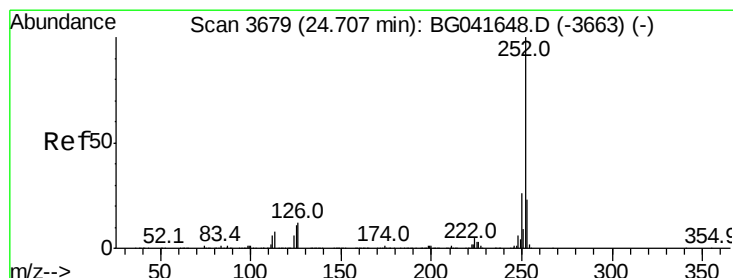
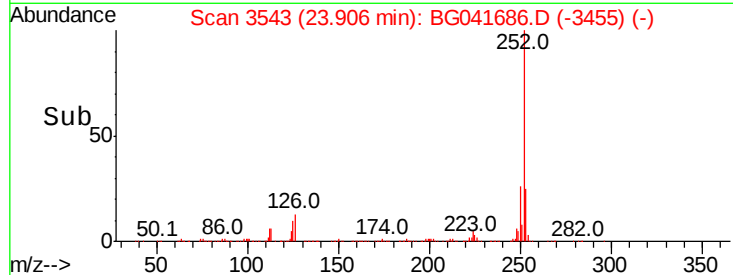
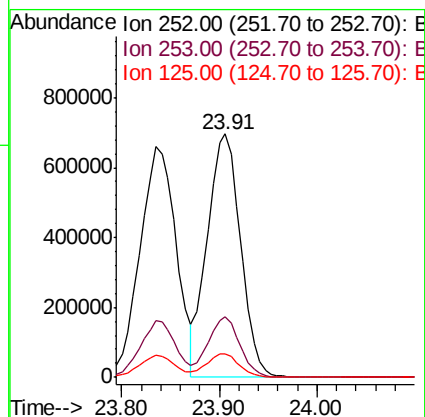
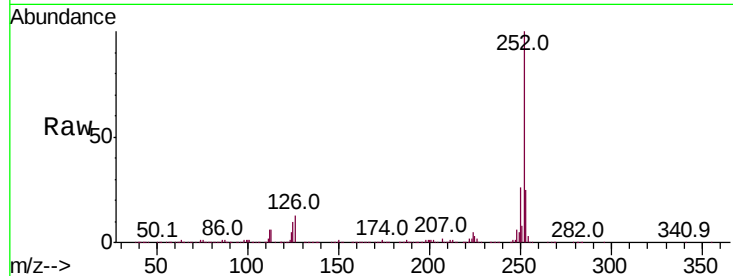




#89
Benzo(k)fluoranthene
Concen: 52.023 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

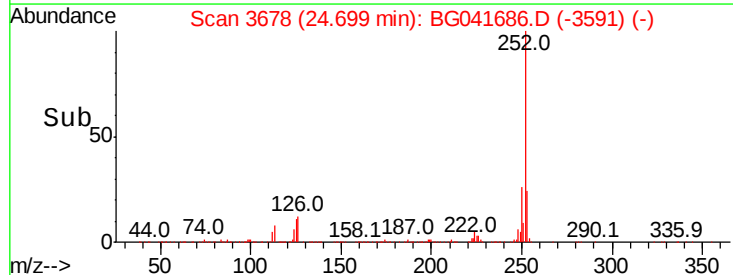
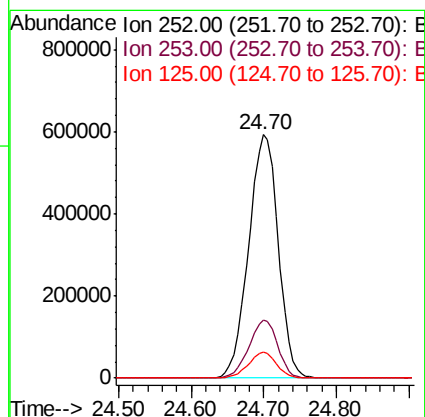
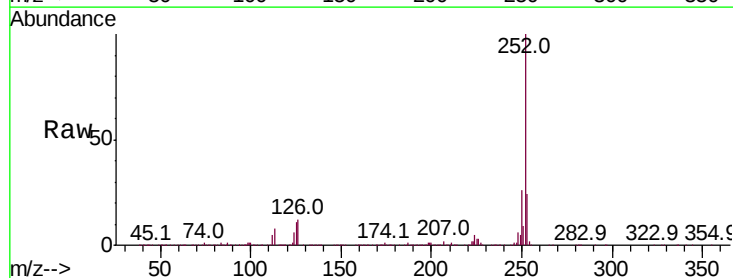
Instrument :
BNA_G
ClientSampleId :
PB121423BS

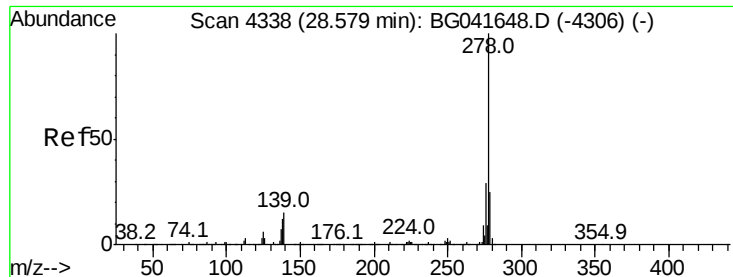
Tot Ion:252 Resp: 1637540
Ion Ratio Lower Upper
252 100
253 24.9 20.5 30.7
125 9.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 52.101 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:252 Resp: 1674560
Ion Ratio Lower Upper
252 100
253 23.9 19.8 29.8
125 10.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.284 ng

RT: 28.57 min Scan# 4336

Delta R.T. -0.03 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

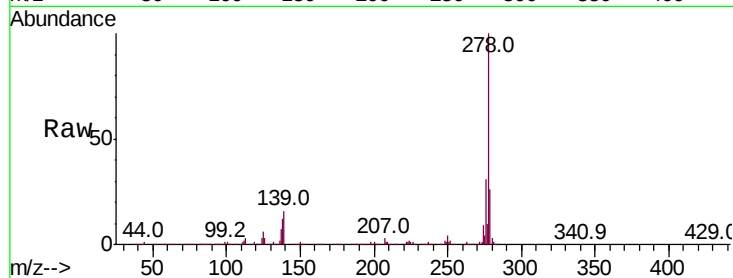
Tot Ion:278 Resp: 1598166

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	19.0
279	25.7	20.5	30.7

278 100

139 15.5 12.6 19.0

279 25.7 20.5 30.7

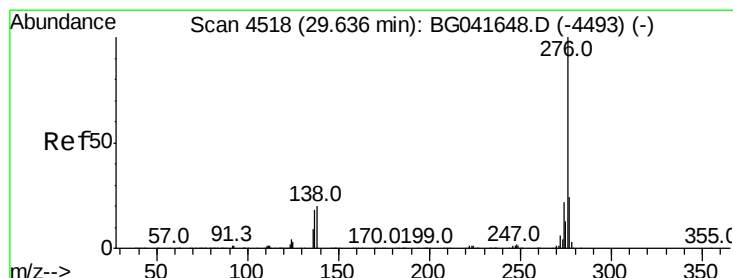
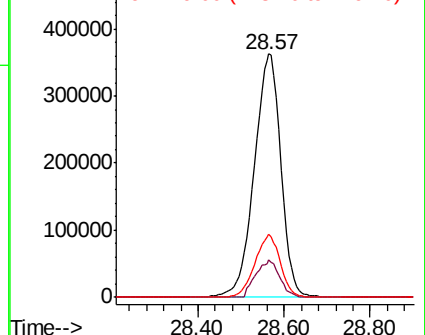
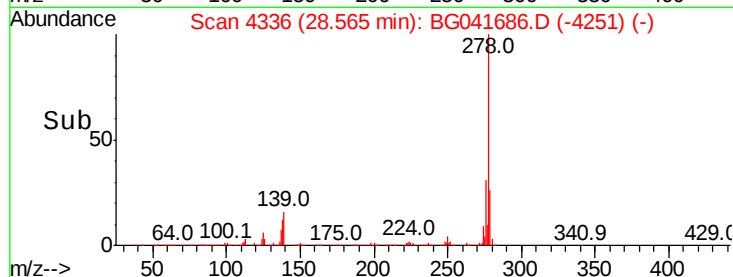


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.637 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.04 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

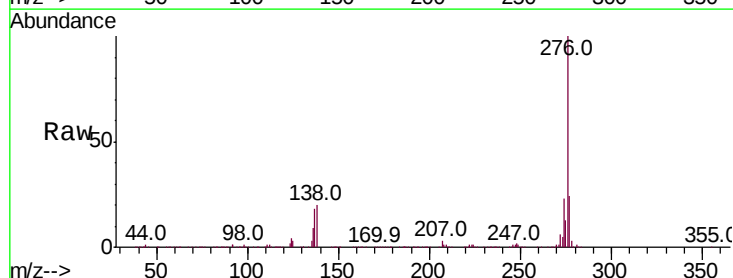
Tgt Ion:276 Resp: 1612602

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	19.8	16.6	25.0

276 100

277 23.9 19.8 29.8

138 19.8 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

