

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045833.D
 Acq On : 23 Jun 2020 10:07
 Operator : CG/JU
 Sample : PB129662BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Quant Time: Jun 23 10:49:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	47838	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	185872	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	131093	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	313901	20.00	ng	0.00
76) Chrysene-d12	21.58	240	300027	20.00	ng	0.00
86) Perylene-d12	24.70	264	330931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	404197	142.73	ng	0.00
7) Phenol-d6	7.14	99	565872	131.37	ng	-0.02
23) Nitrobenzene-d5	9.08	82	364757	89.65	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	264211	133.50	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	805234	90.27	ng	0.00
79) Terphenyl-d14	19.93	244	1400508	94.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	49954	38.514	ng	99
3) Pyridine	3.77	79	140536	36.564	ng	99
4) n-Nitrosodimethylamine	3.68	42	60100	46.584	ng	96
6) Aniline	7.24	93	210291	41.461	ng	98
8) 2-Chlorophenol	7.50	128	144303	47.605	ng	95
9) Benzaldehyde	7.05	77	83971	32.455	ng	96
10) Phenol	7.17	94	187964	45.034	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	129939	40.987	ng	98
12) 1,3-Dichlorobenzene	7.80	146	159782	44.232	ng	97
13) 1,4-Dichlorobenzene	7.95	146	161531	44.768	ng	95
14) 1,2-Dichlorobenzene	8.27	146	148399	42.961	ng	96
15) Benzyl Alcohol	8.17	79	146850	44.053	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	122878	41.126	ng	81
17) 2-Methylphenol	8.41	107	129019	41.536	ng	96
18) Hexachloroethane	8.99	117	60836	44.393	ng	91
19) n-Nitroso-di-n-propylamine	8.72	70	120816	42.661	ng	98
20) 3+4-Methylphenols	8.74	107	171373	41.951	ng	# 73
22) Acetophenone	8.74	105	219717	43.068	ng	99
24) Nitrobenzene	9.12	77	186608	43.015	ng	99
25) Isophorone	9.65	82	325713	41.352	ng	98
26) 2-Nitrophenol	9.84	139	80743	44.675	ng	97
27) 2,4-Dimethylphenol	9.93	122	129360	46.880	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	177181	43.064	ng	99
29) 2,4-Dichlorophenol	10.40	162	146787	45.595	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	165351	43.385	ng	94
31) Naphthalene	10.77	128	438844	43.185	ng	98
32) Benzoic acid	10.13	122	75517	43.284	ng	94
33) 4-Chloroaniline	10.89	127	153195	35.999	ng	98
34) Hexachlorobutadiene	11.06	225	116679	43.047	ng	97
35) Caprolactam	11.67	113	22974	22.052	ng	96
36) 4-Chloro-3-methylphenol	12.06	107	167547	45.074	ng	98
37) 2-Methylnaphthalene	12.38	142	330936	43.734	ng	98
38) 1-Methylnaphthalene	12.60	142	317595	44.352	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	189583	43.920	ng	98

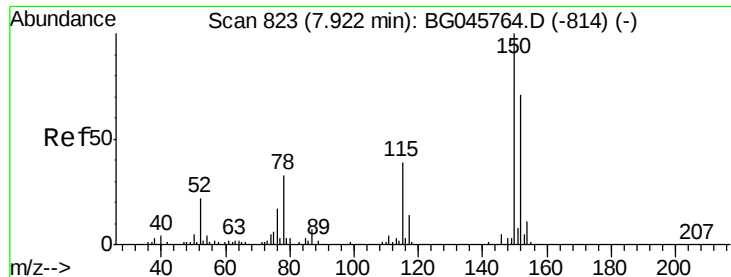
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045833.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	225441	93.019	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	125698	42.950	ng	97
44) 2,4,5-Trichlorophenol	13.11	196	131247	39.348	ng	96
46) 1,1'-Biphenyl	13.39	154	408757	43.552	ng	99
47) 2-Chloronaphthalene	13.44	162	326219	43.029	ng	99
48) 2-Nitroaniline	13.65	65	106139	42.087	ng	99
49) Acenaphthylene	14.29	152	521379	42.934	ng	99
50) Dimethylphthalate	14.02	163	439457	42.791	ng	99
51) 2,6-Dinitrotoluene	14.15	165	99113	42.969	ng	95
52) Acenaphthene	14.63	154	314866	42.776	ng	99
53) 3-Nitroaniline	14.49	138	80462	34.924	ng	# 95
54) 2,4-Dinitrophenol	14.69	184	110152	85.139	ng	94
55) Dibenzofuran	14.97	168	512231	42.837	ng	99
56) 4-Nitrophenol	14.86	139	125273	76.095	ng	98
57) 2,4-Dinitrotoluene	14.94	165	142339	43.069	ng	# 98
58) Fluorene	15.62	166	434627	43.711	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	124818	43.115	ng	98
60) Diethylphthalate	15.39	149	454313	43.274	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	243359	42.465	ng	97
62) 4-Nitroaniline	15.66	138	99644	42.141	ng	93
63) Azobenzene	15.90	77	439132	43.562	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	93018	47.950	ng	96
66) n-Nitrosodiphenylamine	15.83	169	382462	43.017	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	166074	40.717	ng	98
68) Hexachlorobenzene	16.63	284	188613	44.595	ng	93
69) Atrazine	16.78	200	149366	43.294	ng	96
70) Pentachlorophenol	16.98	266	158670	76.444	ng	96
71) Phenanthrene	17.36	178	698027	43.117	ng	99
72) Anthracene	17.45	178	713499	44.259	ng	100
73) Carbazole	17.73	167	657578	42.839	ng	99
74) Di-n-butylphthalate	18.28	149	786704	43.284	ng	100
75) Fluoranthene	19.37	202	892284	44.822	ng	99
77) Benzidine	19.56	184	540710	69.324	ng	98
78) Pyrene	19.73	202	882858	43.943	ng	98
80) Butylbenzylphthalate	20.62	149	358550	42.636	ng	94
81) Benzo(a)anthracene	21.56	228	843831	43.380	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	280700	38.150	ng	98
83) Chrysene	21.62	228	810306	43.069	ng	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	503426	43.038	ng	# 97
85) Di-n-octyl phthalate	22.65	149	867170	42.978	ng	100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1061985	44.266	ng	# 95
88) Benzo(b)fluoranthene	23.72	252	907050	43.715	ng	99
89) Benzo(k)fluoranthene	23.78	252	908332	45.740	ng	99
90) Benzo(a)pyrene	24.56	252	847089	43.704	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	865399	44.982	ng	99
92) Benzo(g,h,i)perylene	29.37	276	871890	45.278	ng	98

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

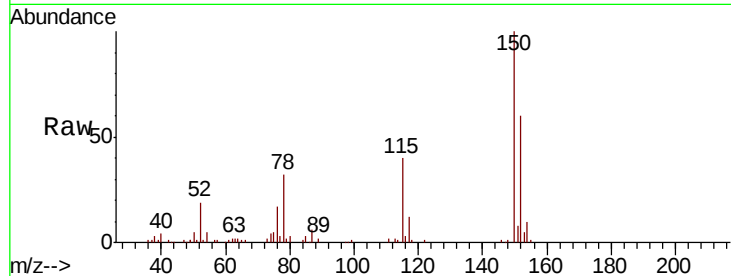


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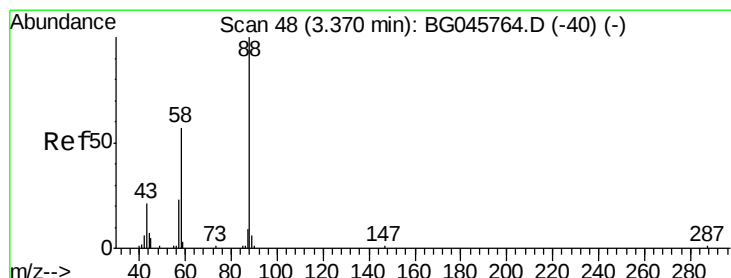
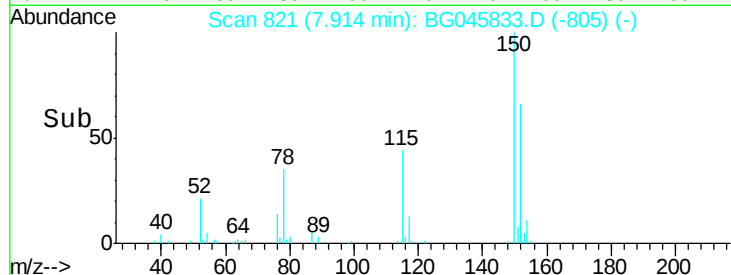
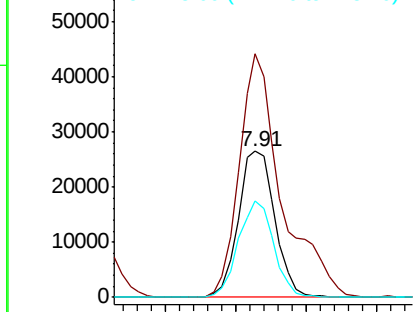
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.9	113.1	169.7
115	66.0	43.8	65.6



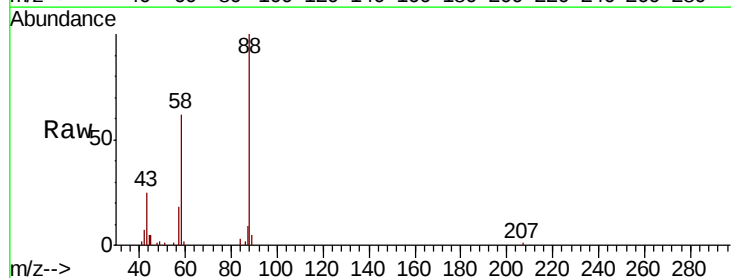
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



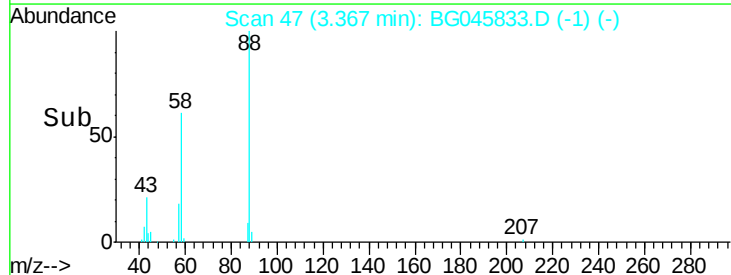
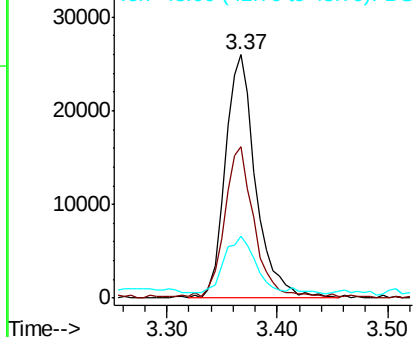
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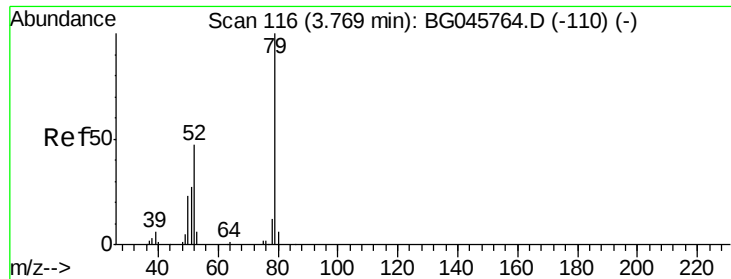
1,4-Dioxane
Concen: 38.514 ng
RT: 3.37 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.8	46.1	69.1
43	23.6	19.2	28.8



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: 36.564 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

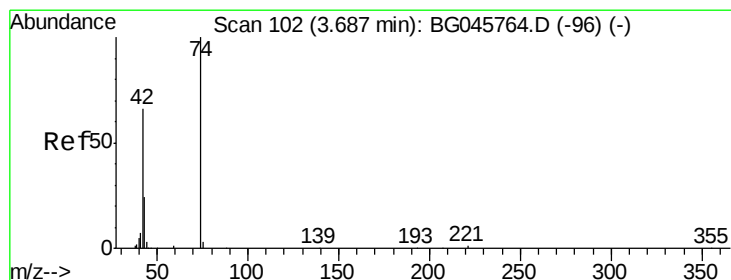
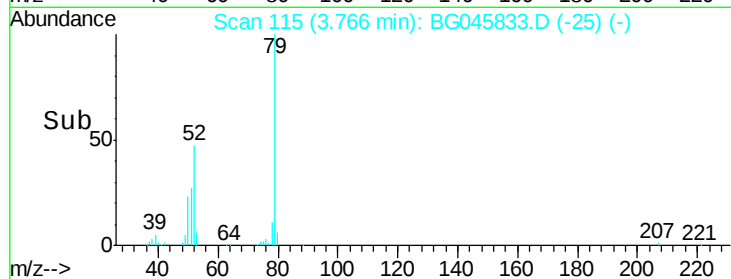
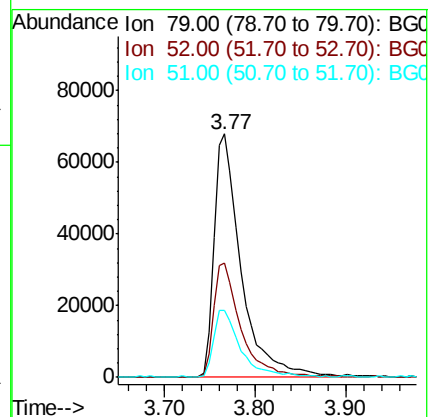
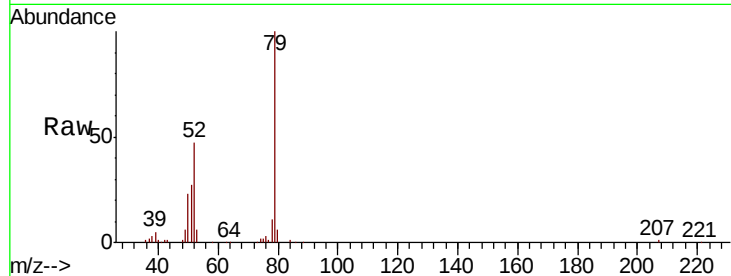
Tot Ion: 79 Resp: 140536

Ion Ratio Lower Upper

79 100

52 46.8 37.9 56.9

51 27.4 22.0 33.0



#4

n-Nitrosodimethylamine

Concen: 46.584 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

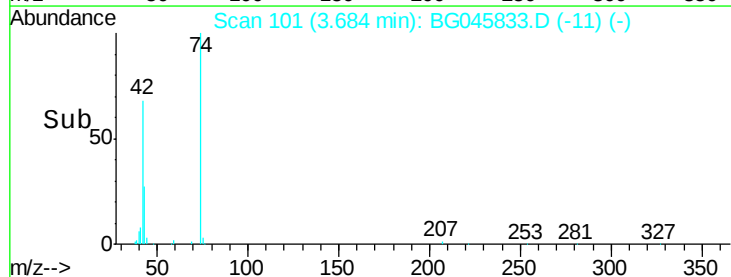
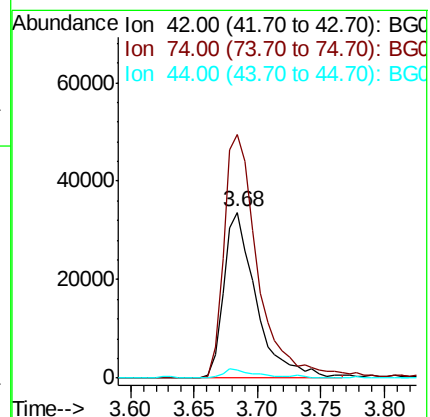
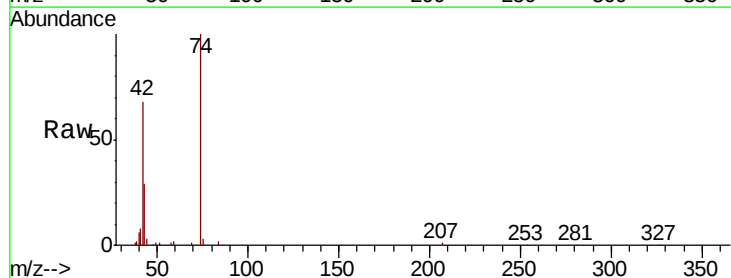
Tgt Ion: 42 Resp: 60100

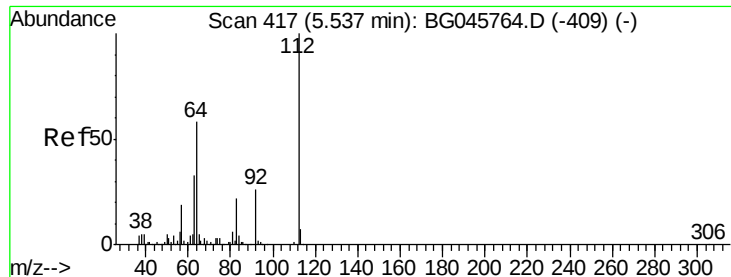
Ion Ratio Lower Upper

42 100

74 146.5 121.0 181.4

44 5.1 3.5 5.3





#5

2-Fluorophenol

Concen: 142.728 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

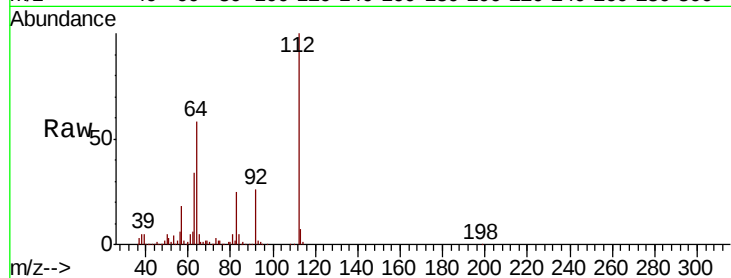
Tot Ion:112 Resp: 404197

Ion Ratio Lower Upper

112 100

64 58.2 46.6 69.8

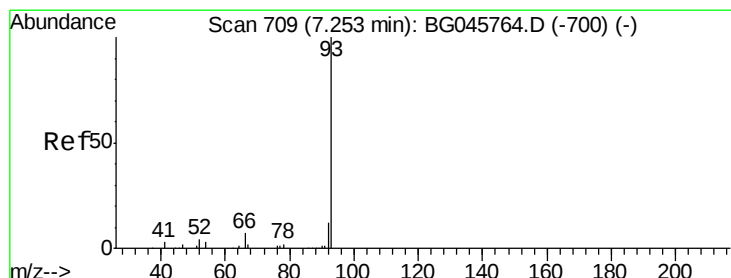
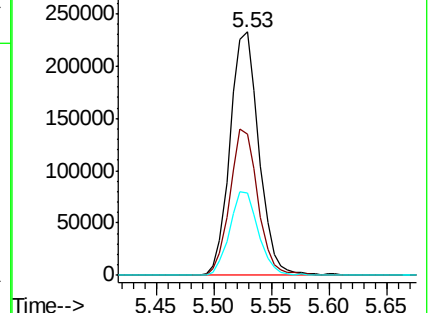
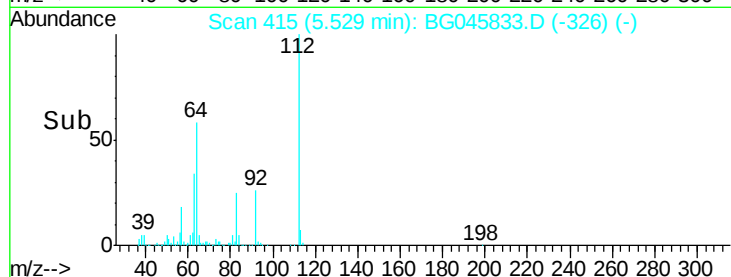
63 33.9 26.3 39.5



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: 41.461 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

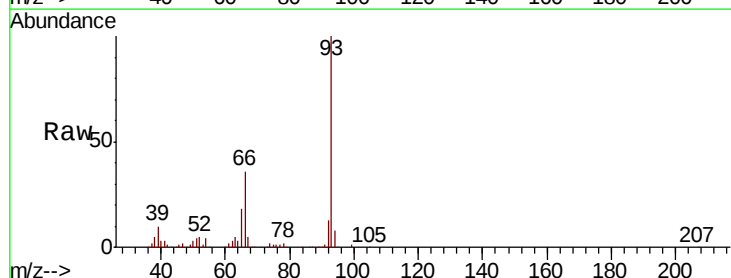
Tgt Ion: 93 Resp: 210291

Ion Ratio Lower Upper

93 100

66 36.2 30.0 45.0

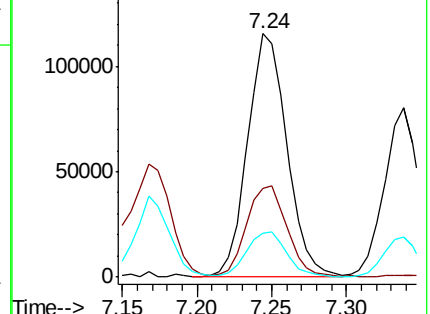
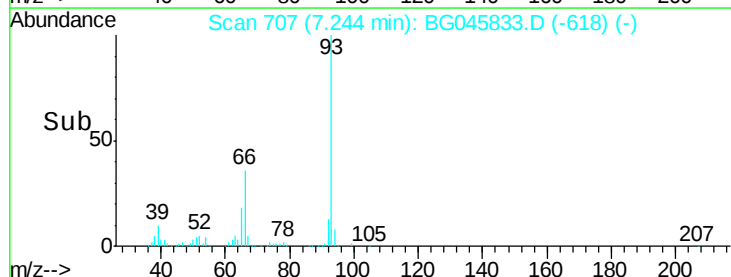
65 18.1 14.7 22.1

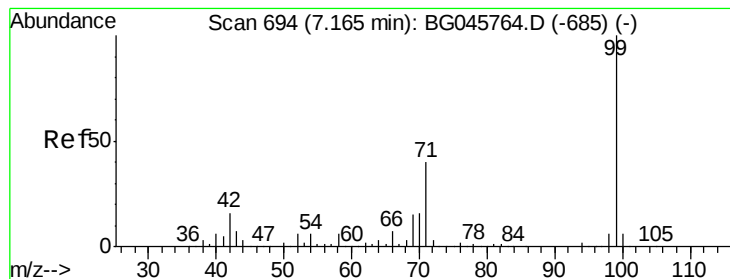


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.365 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

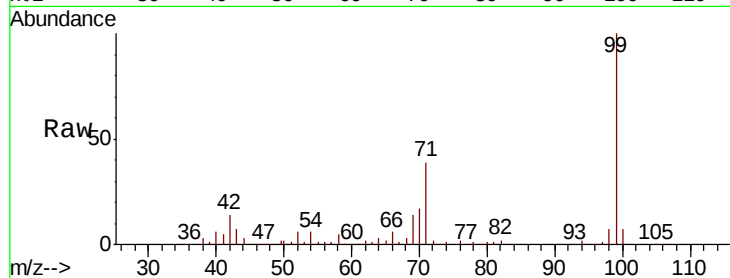
Tot Ion: 99 Resp: 565872

Ion Ratio Lower Upper

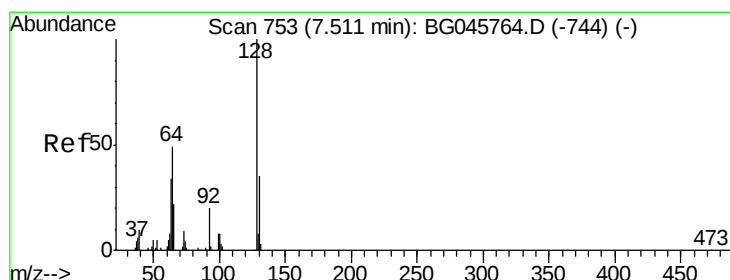
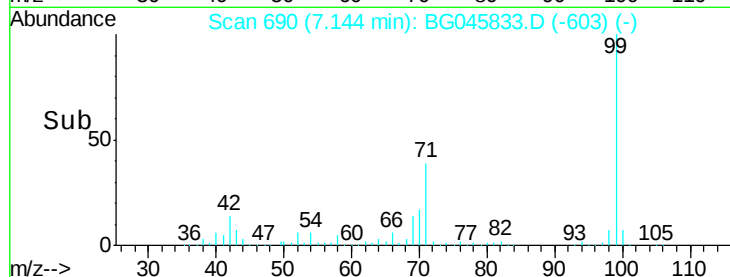
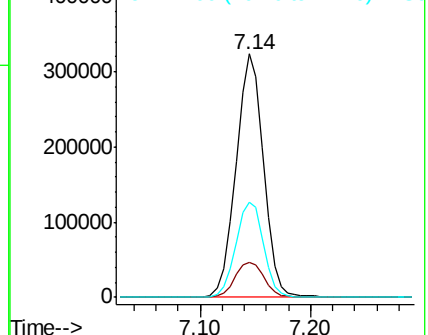
99 100

42 14.4 12.4 18.6

71 39.2 32.1 48.1



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: 47.605 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

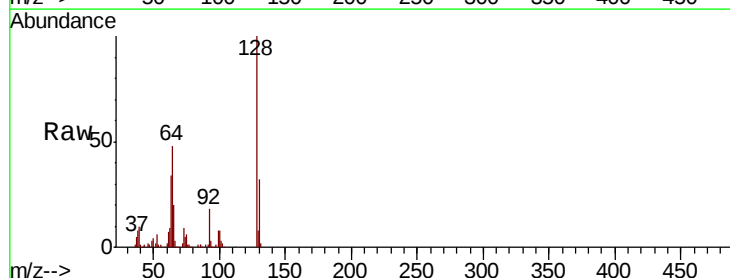
Tgt Ion: 128 Resp: 144303

Ion Ratio Lower Upper

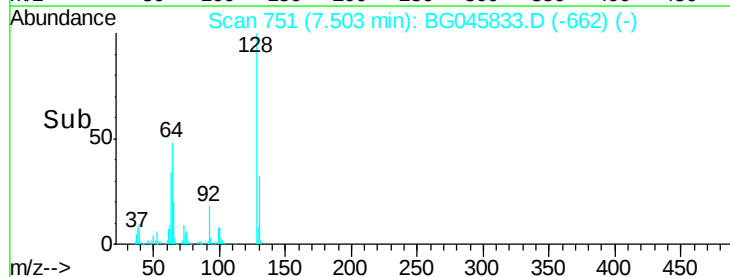
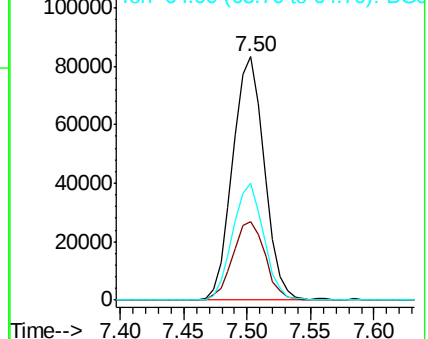
128 100

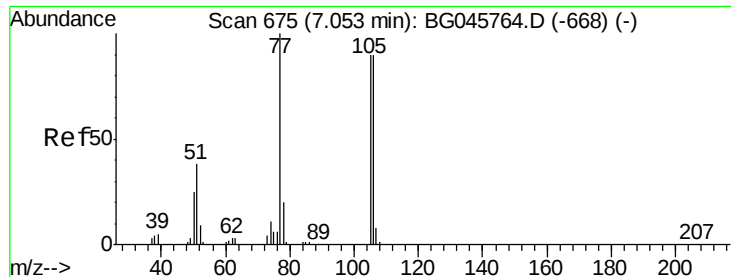
130 32.3 14.5 54.5

64 48.1 31.6 71.6



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: 32.455 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

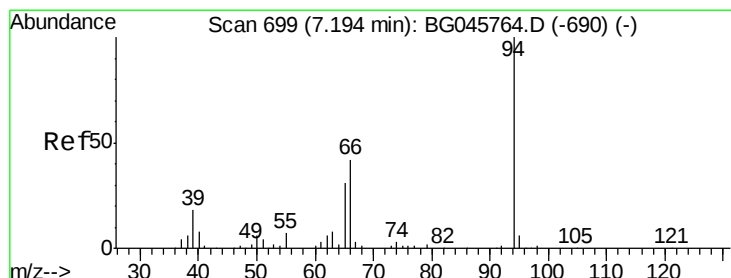
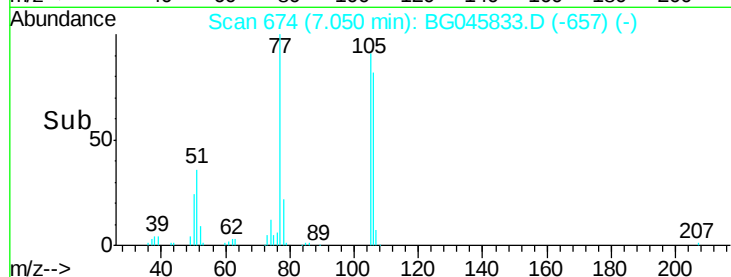
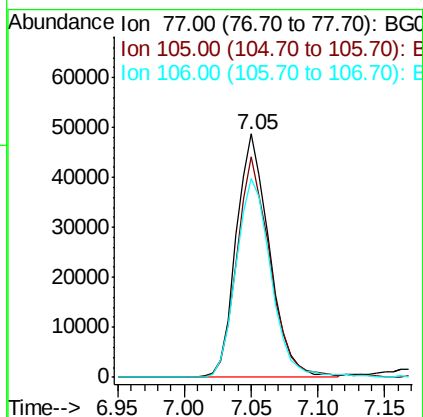
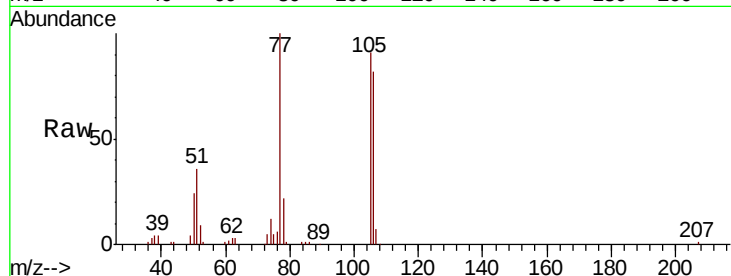
Tot Ion: 77 Resp: 83971

Ion Ratio Lower Upper

77 100

105 90.6 70.4 110.4

106 81.9 70.2 110.2



#10

Phenol

Concen: 45.034 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

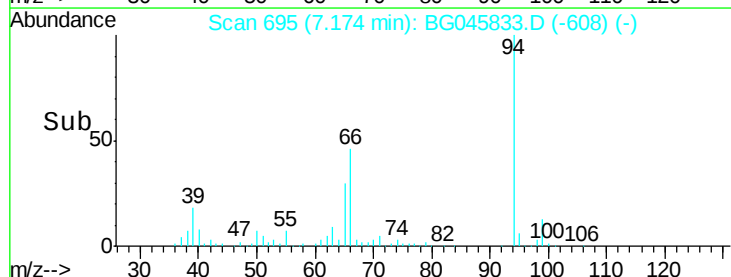
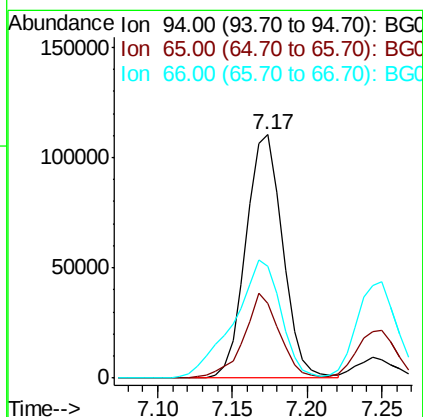
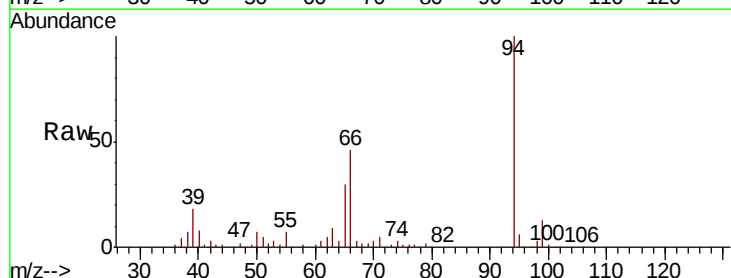
Tgt Ion: 94 Resp: 187964

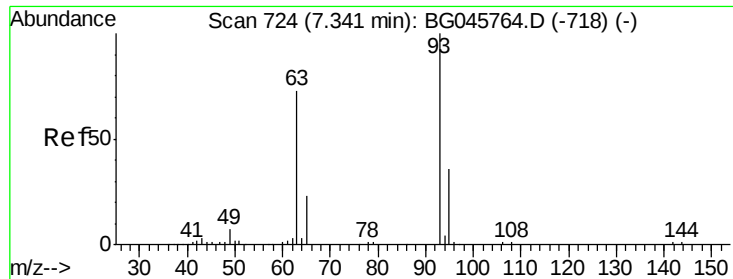
Ion Ratio Lower Upper

94 100

65 30.4 10.7 50.7

66 46.0 22.5 62.5

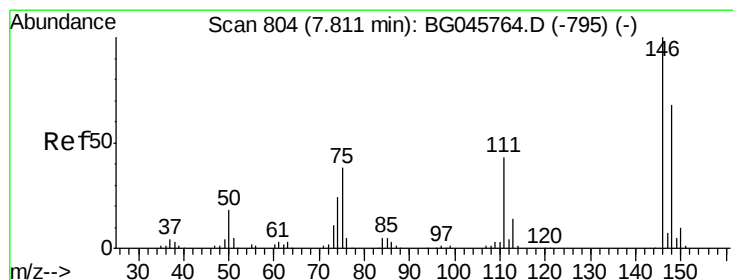
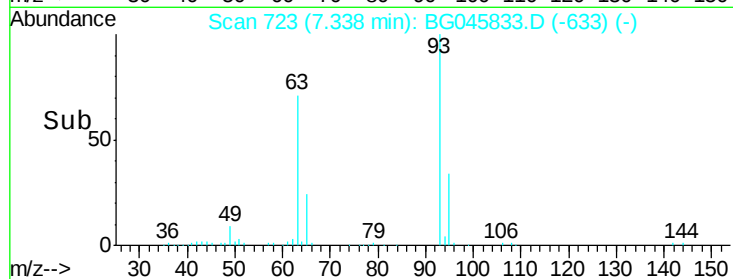
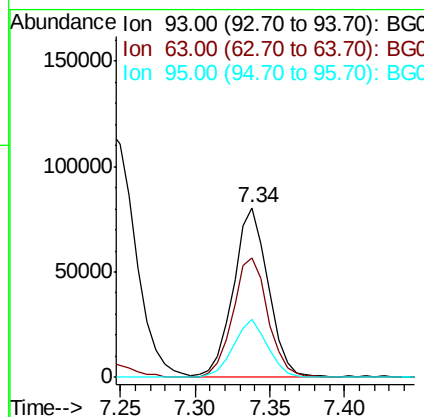
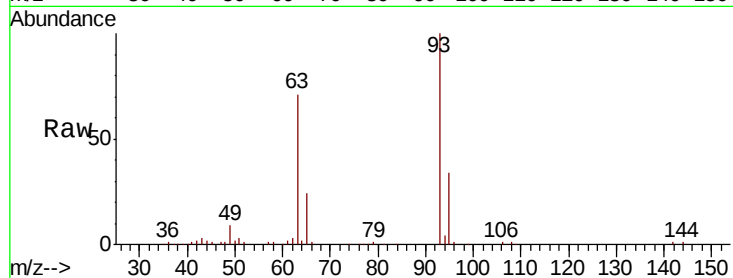




#11
bis(2-Chloroethyl)ether
Concen: 40.987 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

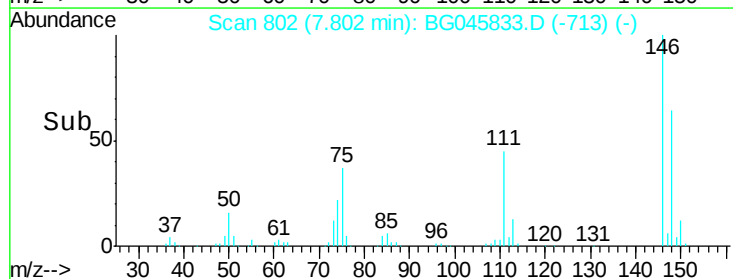
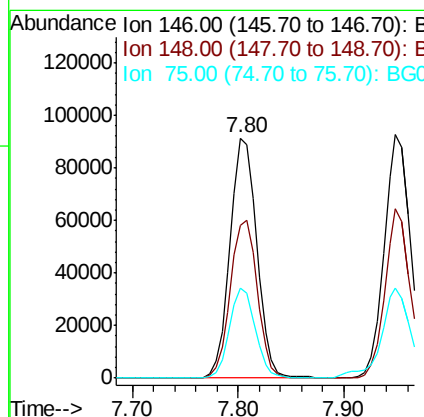
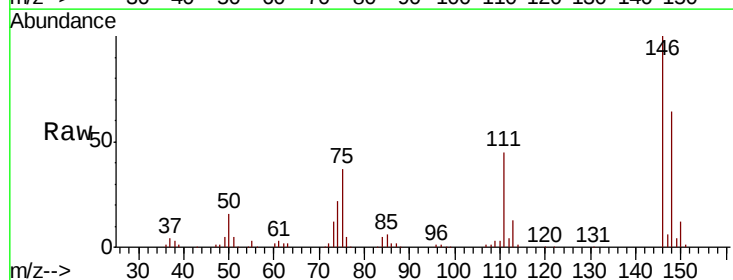
Instrument :
BNA_G
ClientSampleId :
PB129662BS

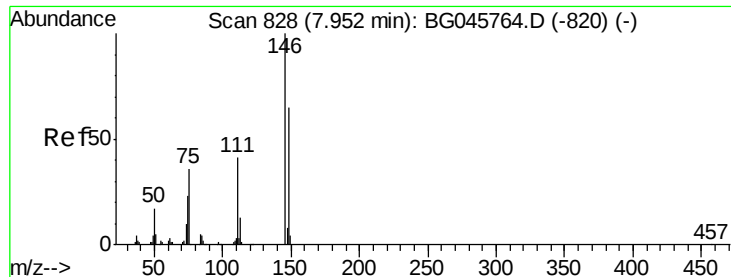
Tot Ion	93	Resp	129939
Ion	Ratio	Lower	Upper
93	100		
63	70.7	52.0	92.0
95	34.1	15.6	55.6



#12
1,3-Dichlorobenzene
Concen: 44.232 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	146	Resp	159782
Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.2	81.4
75	37.3	30.1	45.1

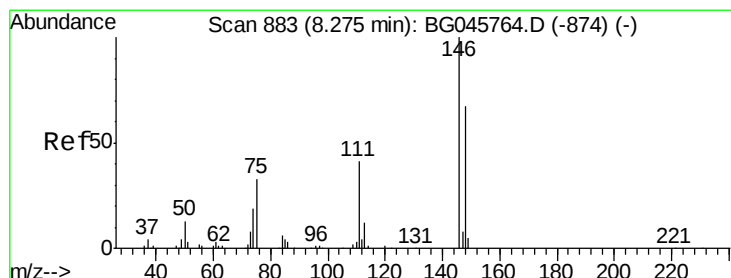
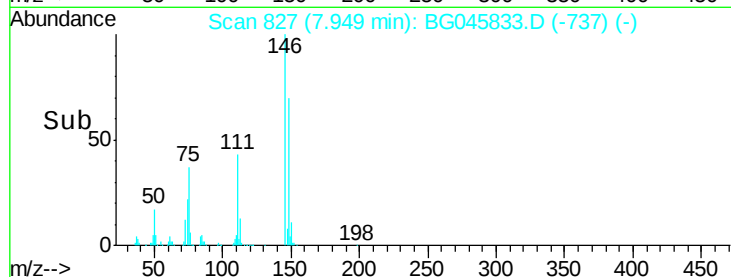
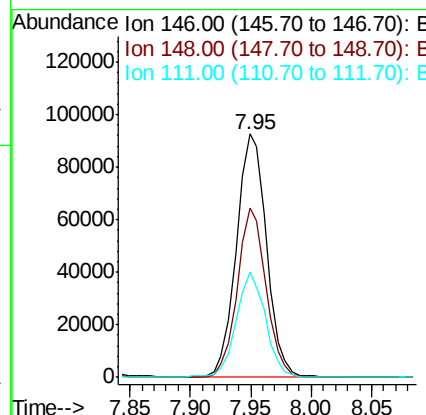
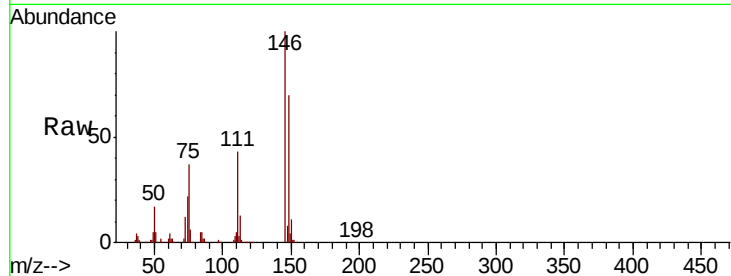




#13
 1,4-Dichlorobenzene
 Concen: 44.768 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

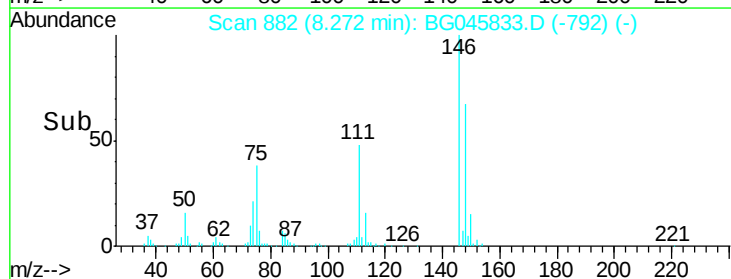
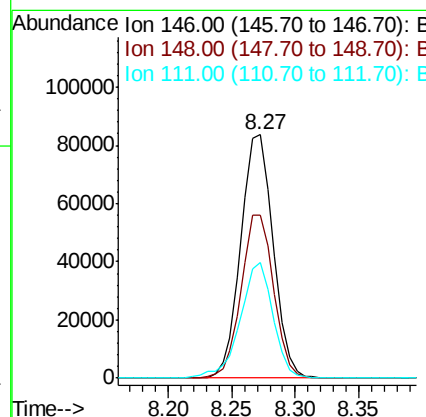
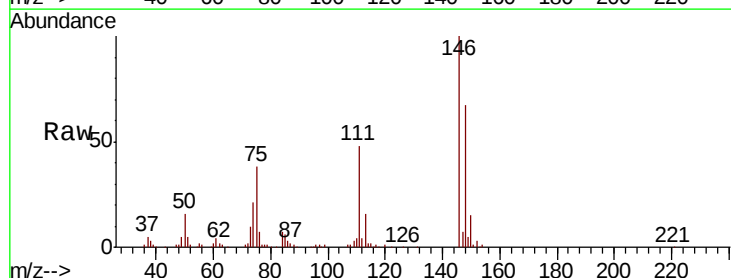
Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

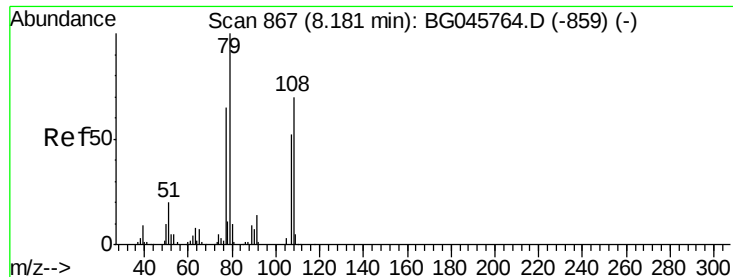
Tot Ion	Ratio	Lower	Upper
146	100		
148	69.8	51.8	77.6
111	43.3	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 42.961 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	54.1	81.1
111	47.5	32.9	49.3





#15

Benzyl Alcohol

Concen: 44.053 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

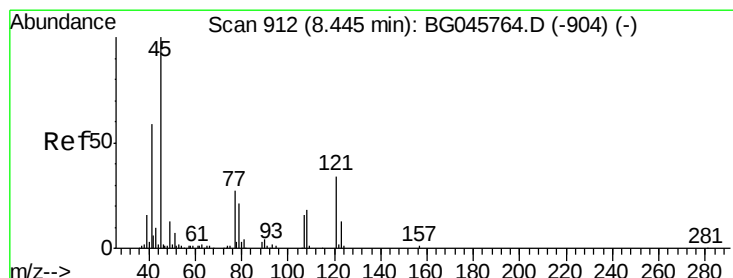
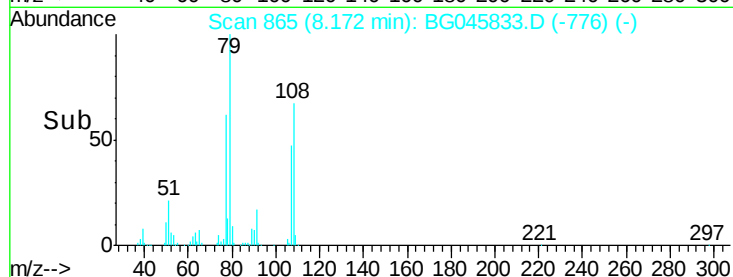
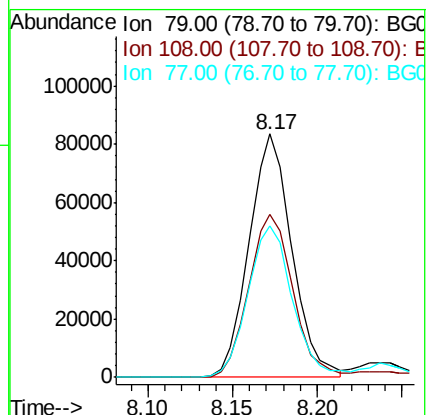
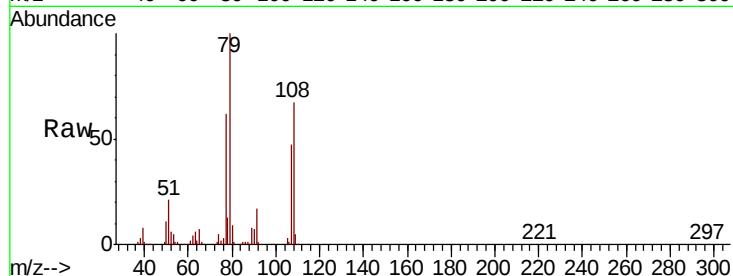
Tot Ion: 79 Resp: 146850

Ion Ratio Lower Upper

79 100

108 67.0 56.2 84.4

77 62.3 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.126 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

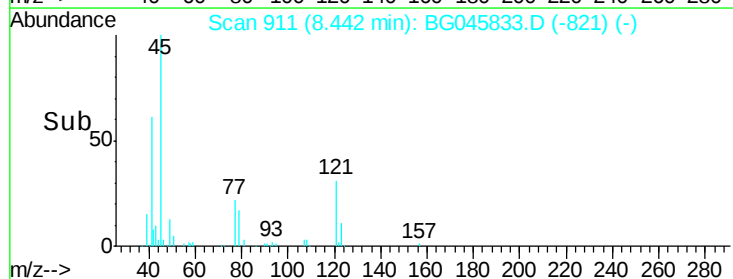
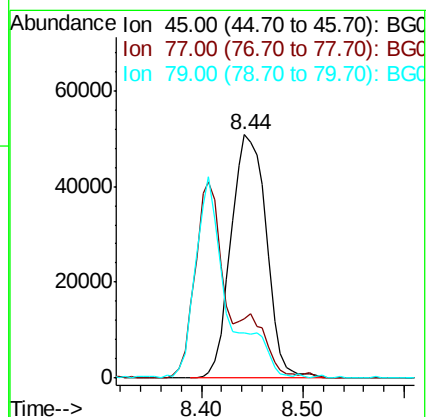
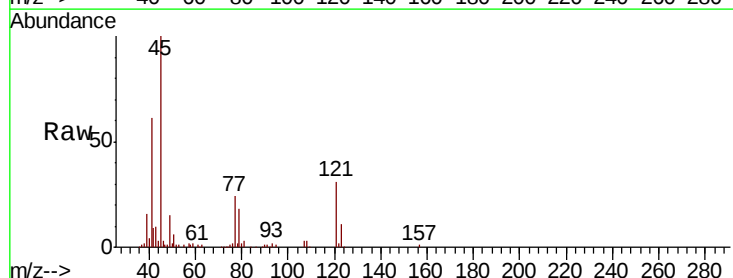
Tgt Ion: 45 Resp: 122878

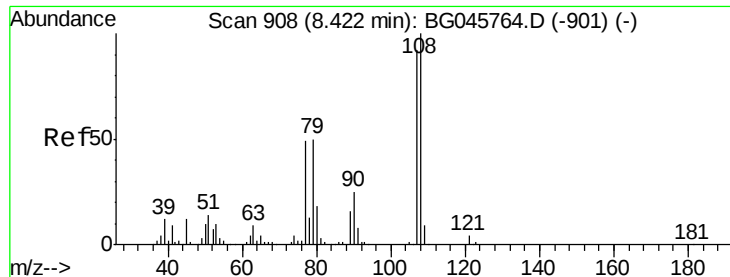
Ion Ratio Lower Upper

45 100

77 24.5 14.9 54.9

79 18.5 9.2 49.2

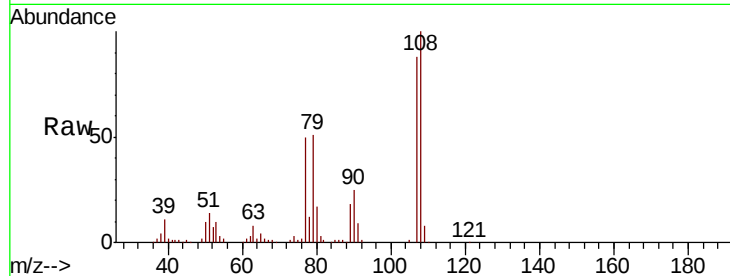




#17
2-Methylphenol
Concen: 41.536 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion:	107	Resp:	129019
Ion	Ratio	Lower	Upper
107	100		
108	113.2	87.4	131.0
77	56.4	42.5	63.7
79	57.9	44.0	66.0



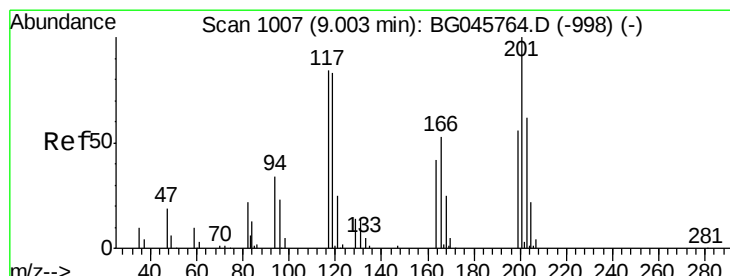
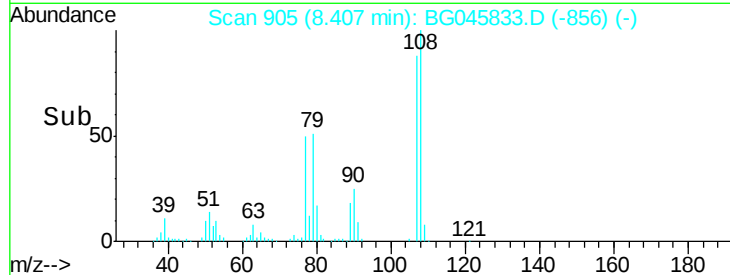
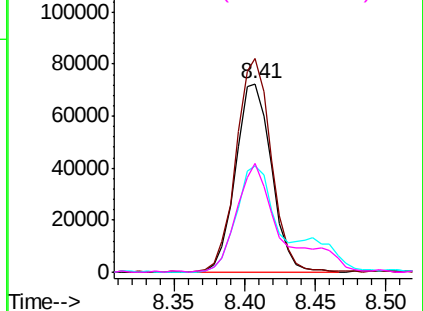
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

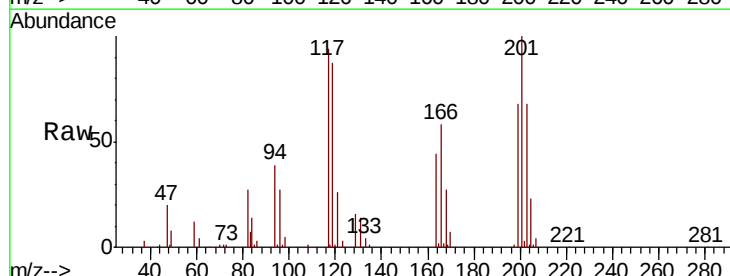
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.393 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion:	117	Resp:	60836
Ion	Ratio	Lower	Upper
117	100		
119	92.4	78.9	118.3
201	106.1	95.5	143.3

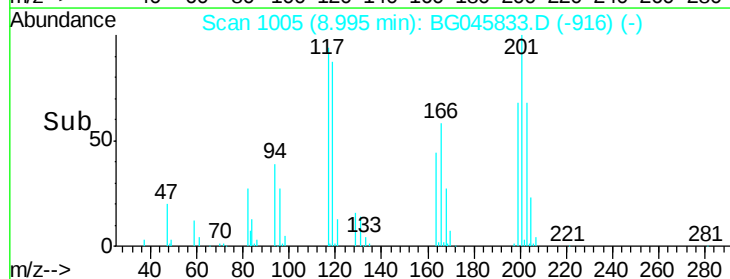
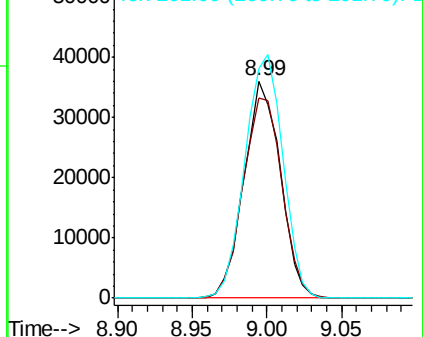


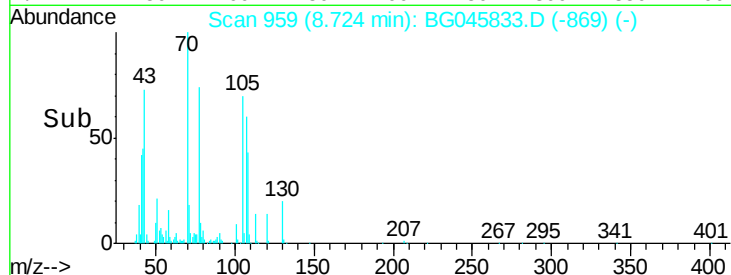
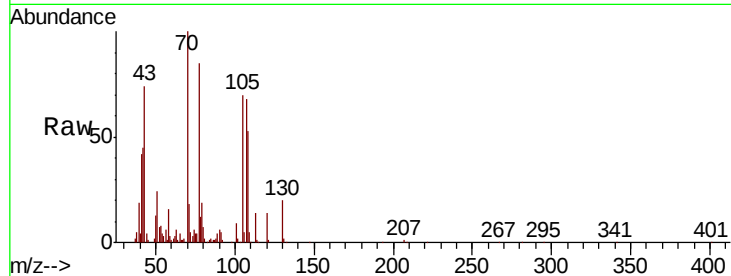
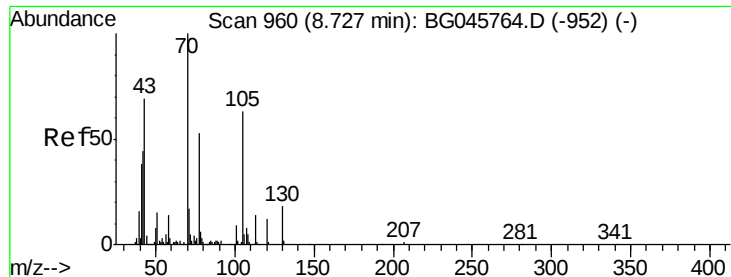
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

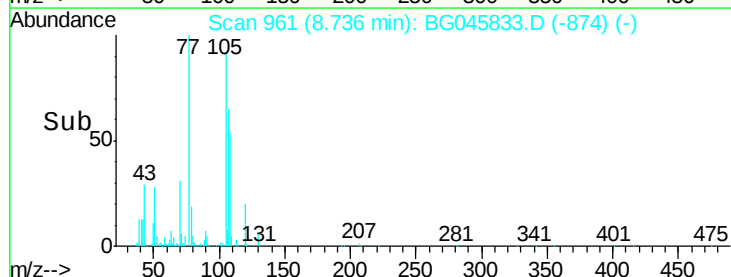
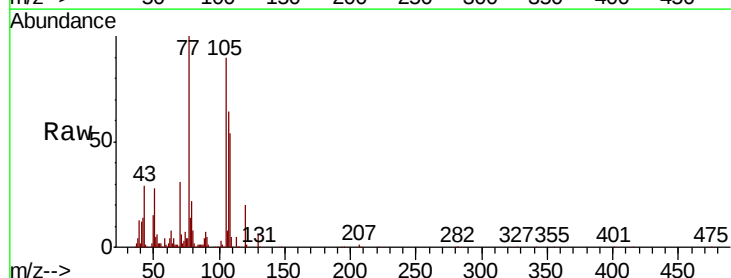
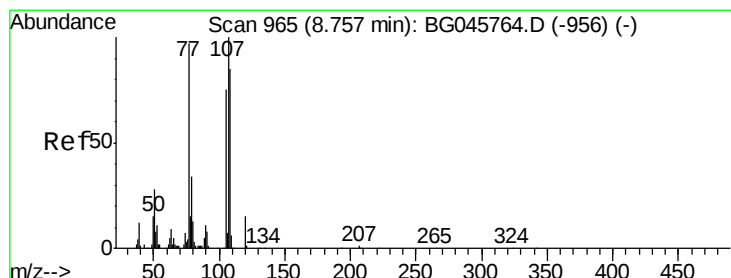
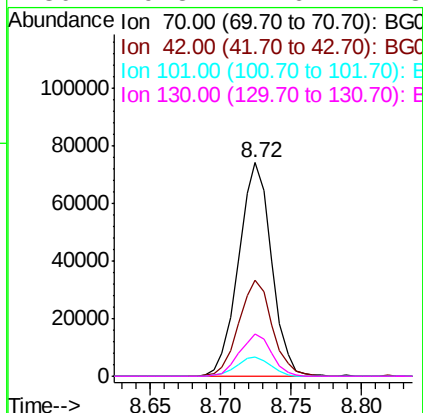




#19
n-Nitroso-di-n-propylamine
Concen: 42.661 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

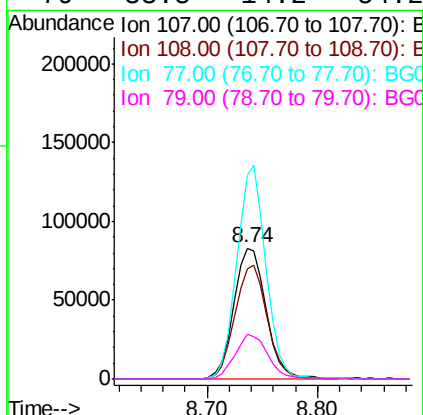
Instrument :
BNA_G
ClientSampleId :
PB129662BS

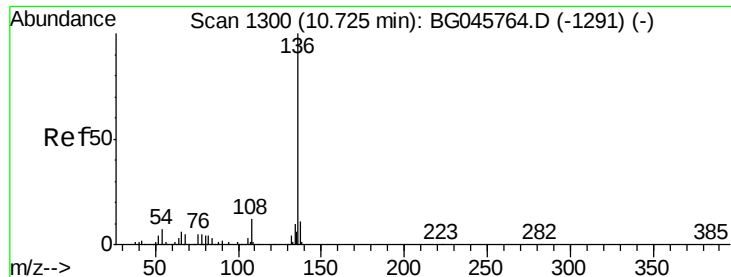
Tot Ion:	70	Resp:	120816
Ion	Ratio	Lower	Upper
70	100		
42	45.0	35.1	52.7
101	9.2	7.4	11.0
130	19.8	14.6	21.8



#20
3+4-Methylphenols
Concen: 41.951 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion:	107	Resp:	171373
Ion	Ratio	Lower	Upper
107	100		
108	84.3	65.4	105.4
77	155.1	77.2	117.2#
79	33.8	14.2	54.2

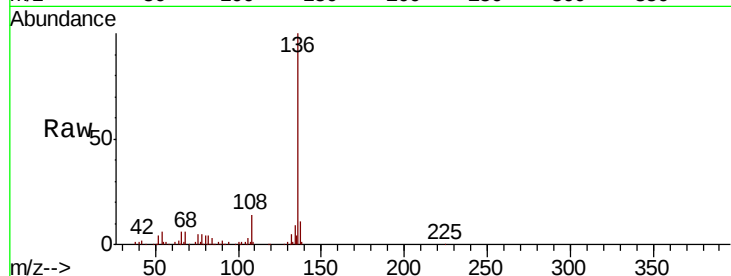




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion:136	Resp:	185872
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.7 13.1
54	5.8	5.8 8.6
68	6.0	4.0 6.0#



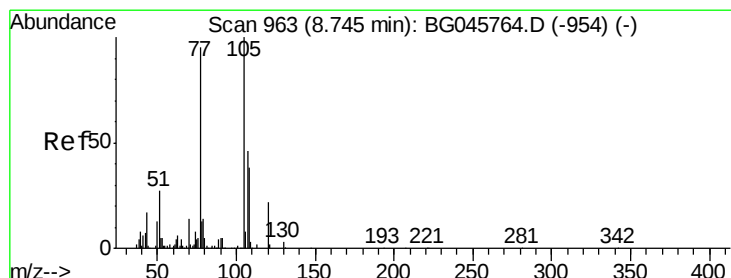
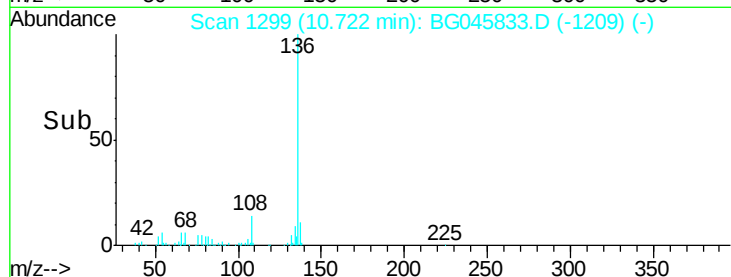
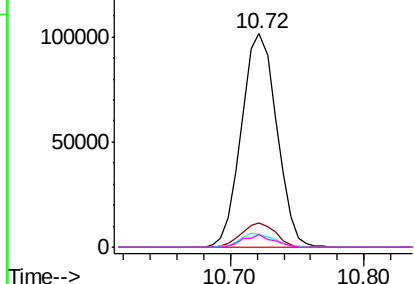
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

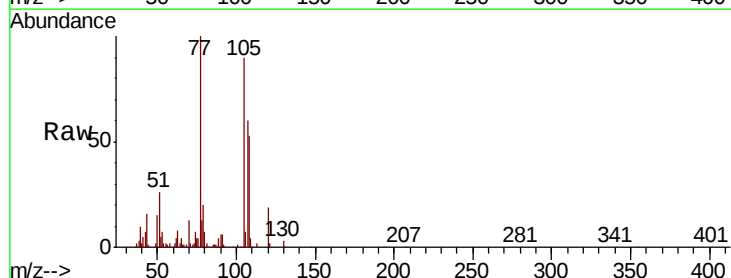
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.068 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion:105	Resp:	219717
Ion Ratio	Lower	Upper
105	100	
71	2.7	1.8 2.8
51	28.4	21.9 32.9
120	21.2	17.3 25.9



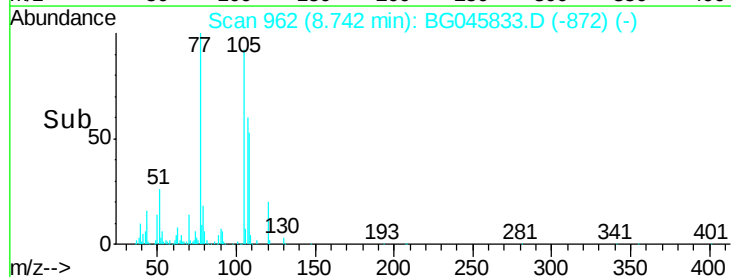
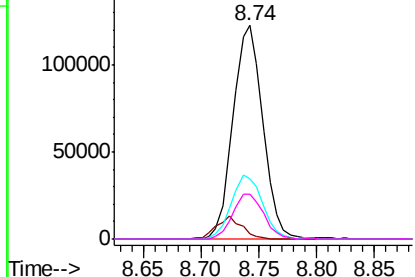
Abundance

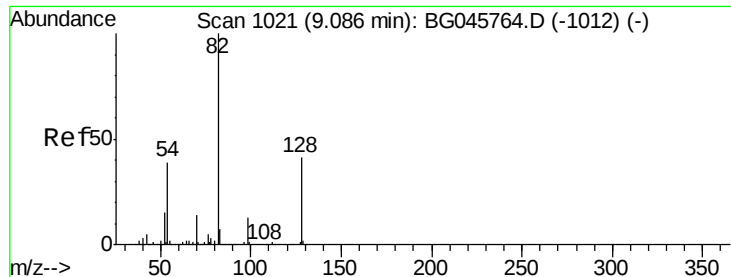
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

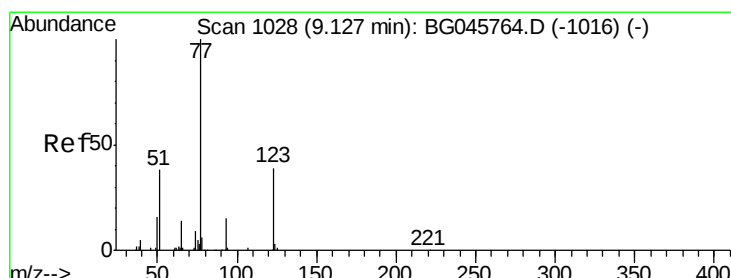
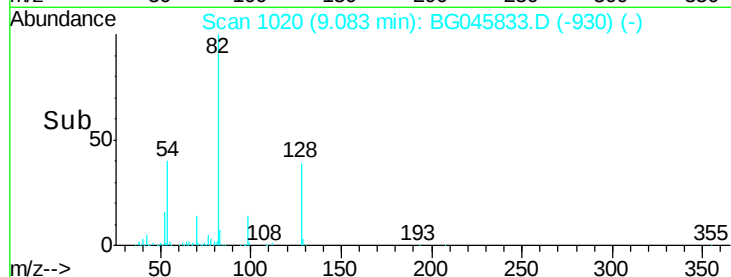
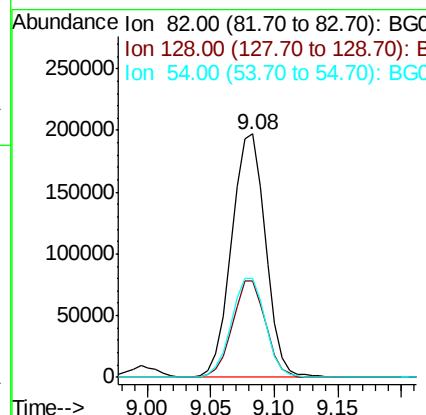
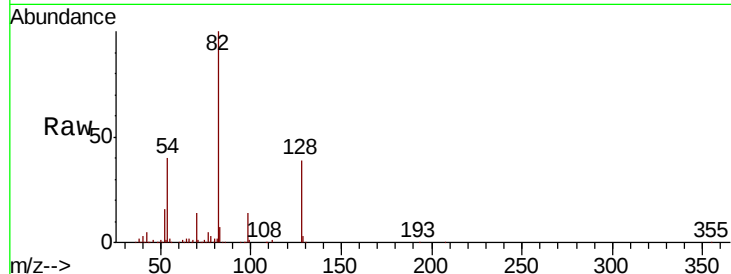




#23
 Nitrobenzene-d5
 Concen: 89.650 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

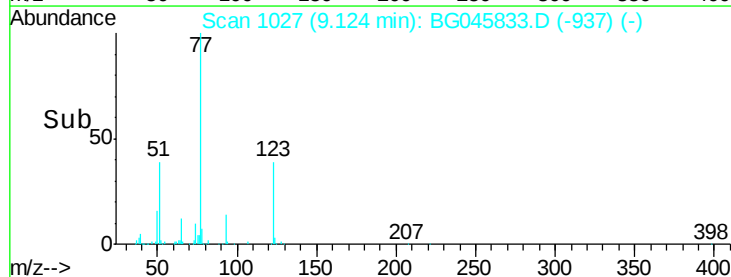
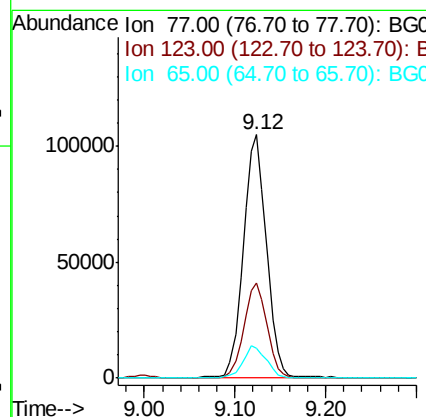
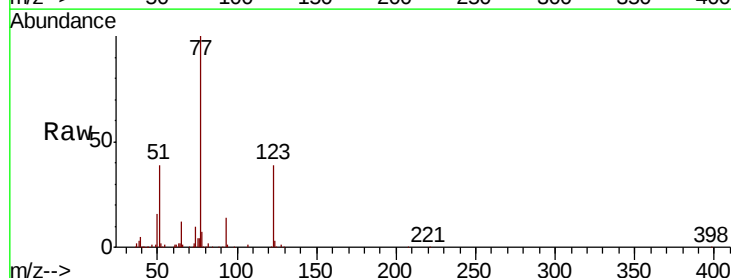
Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

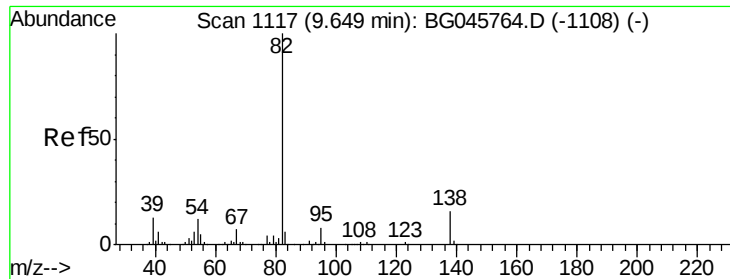
Tot Ion	82	Resp	364757
Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.5	48.7
54	40.4	31.2	46.8



#24
 Nitrobenzene
 Concen: 43.015 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	77	Resp	186608
Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.2	46.8
65	12.4	11.4	17.2





#25

Isophorone

Concen: 41.352 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

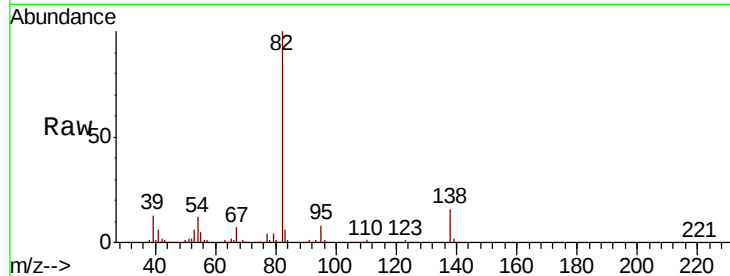
Tot Ion: 82 Resp: 325713

Ion Ratio Lower Upper

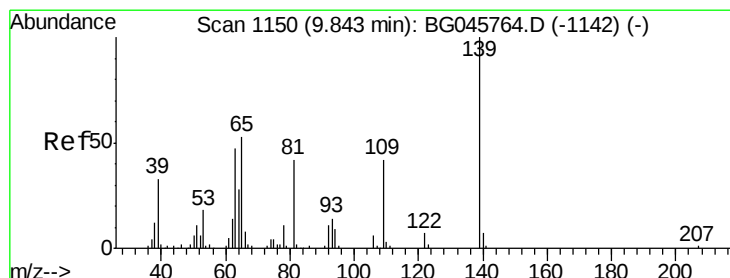
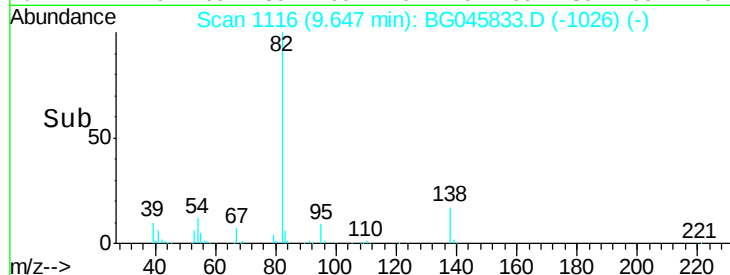
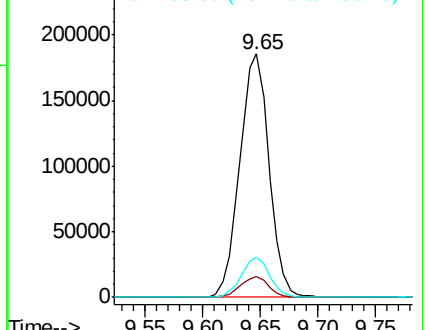
82 100

95 8.4 6.2 9.4

138 16.3 12.6 18.8



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



#26

2-Nitrophenol

Concen: 44.675 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

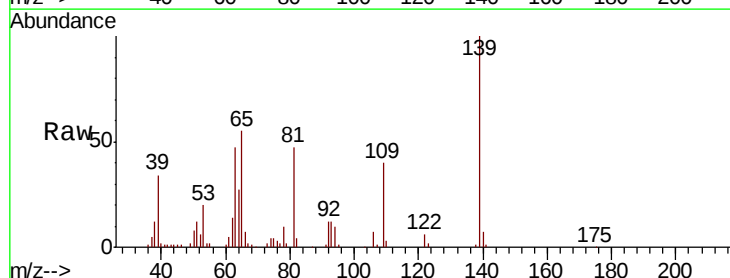
Tgt Ion: 139 Resp: 80743

Ion Ratio Lower Upper

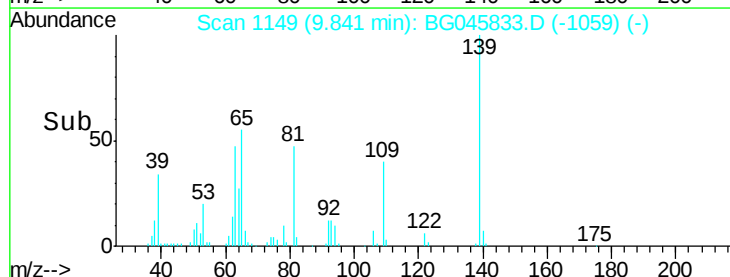
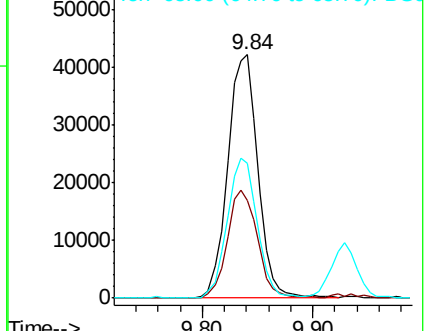
139 100

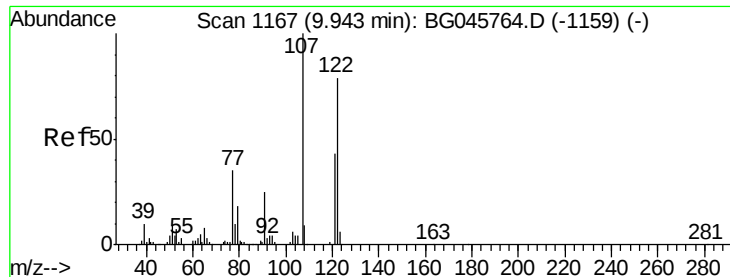
109 40.3 33.5 50.3

65 55.2 42.2 63.4



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

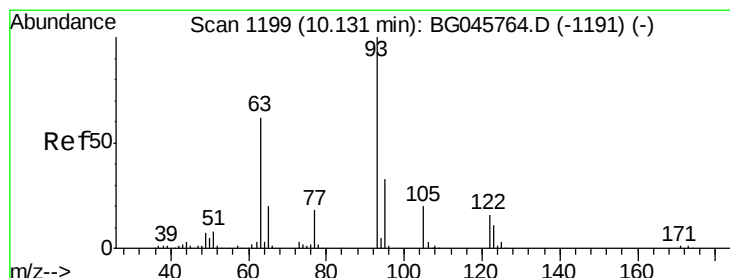
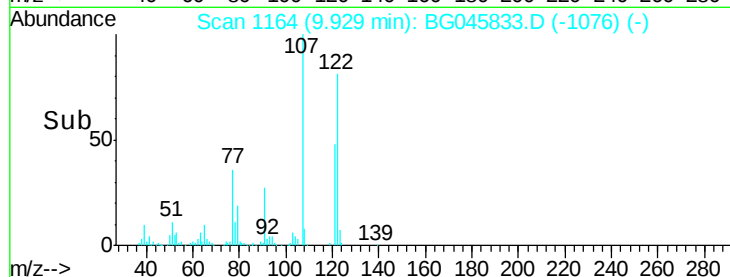
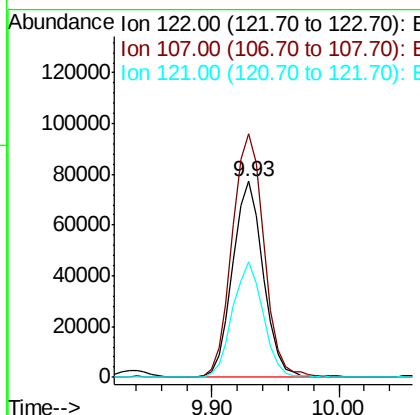
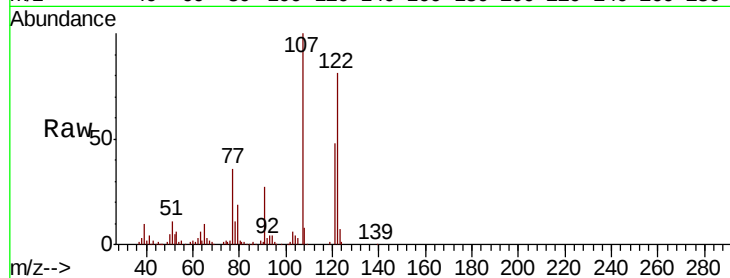




#27
 2,4-Dimethylphenol
 Concen: 46.880 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

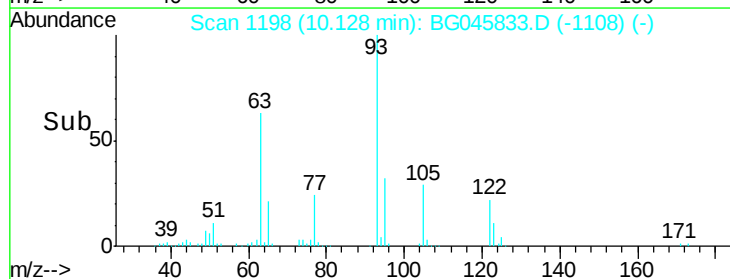
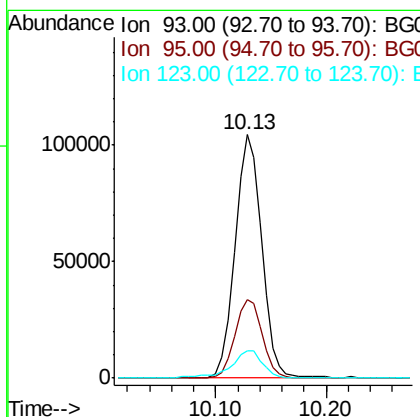
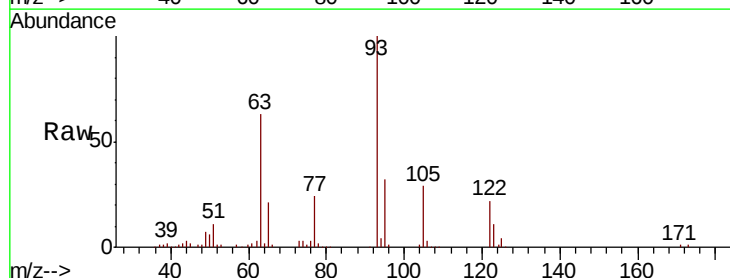
Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

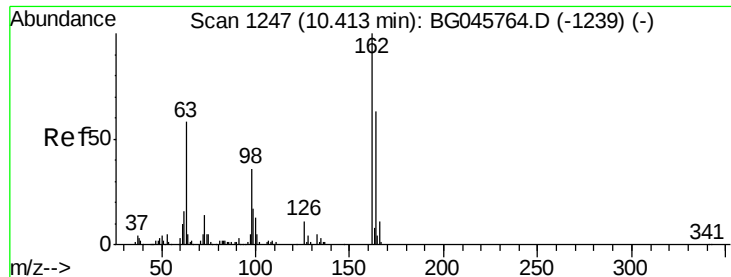
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	101.3	151.9
121	59.1	43.9	65.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.064 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.3	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 45.595 ng

RT: 10.40 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

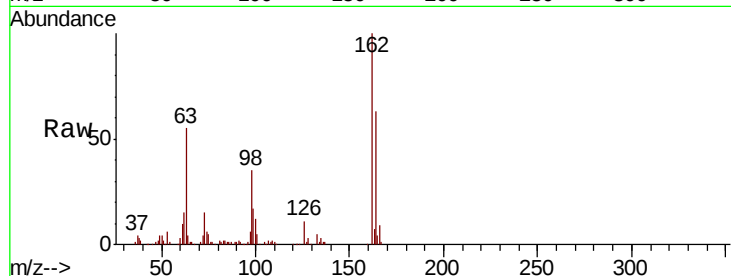
Tot Ion:162 Resp: 146787

Ion Ratio Lower Upper

162 100

164 62.6 43.3 83.3

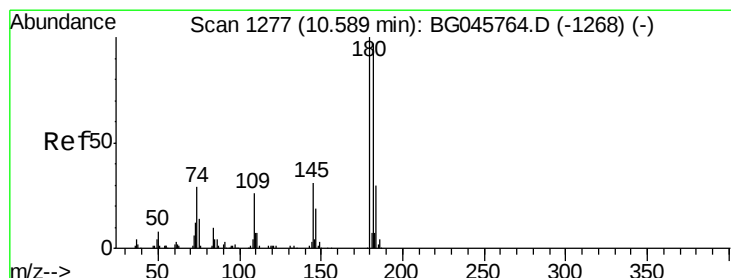
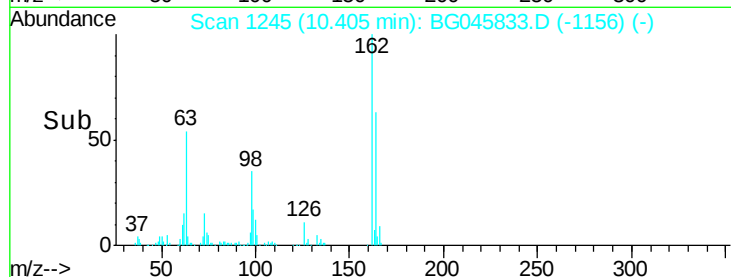
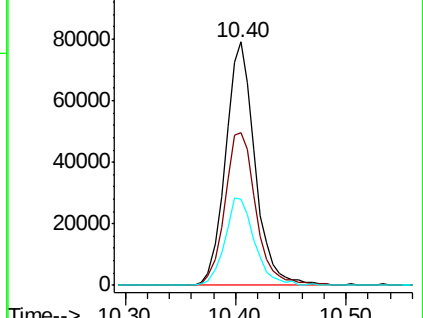
98 35.4 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.385 ng

RT: 10.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

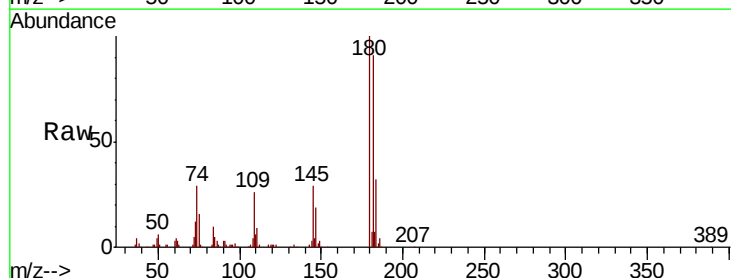
Tgt Ion:180 Resp: 165351

Ion Ratio Lower Upper

180 100

182 90.8 77.8 116.6

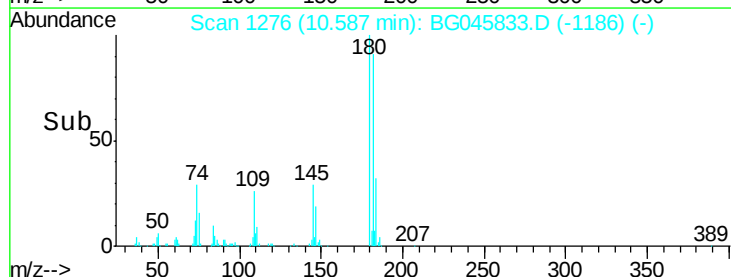
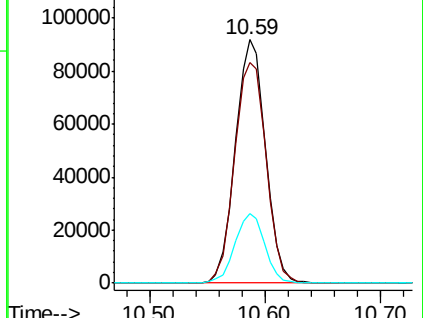
145 28.7 24.5 36.7

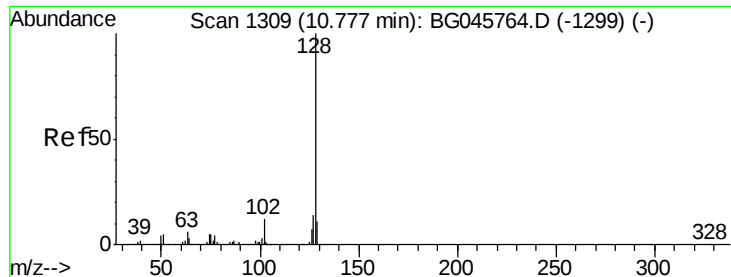


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

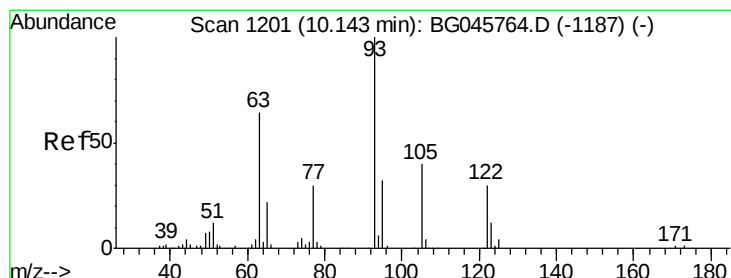
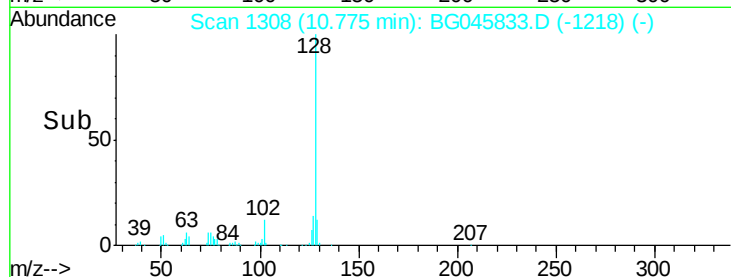
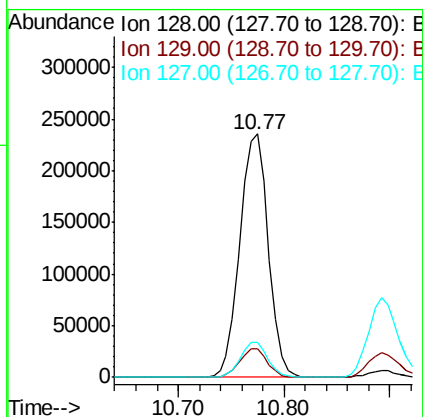
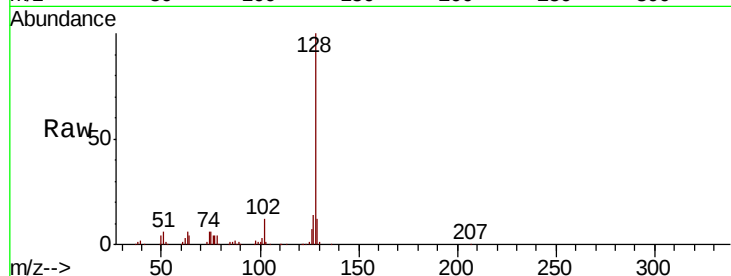




#31
Naphthalene
Concen: 43.185 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

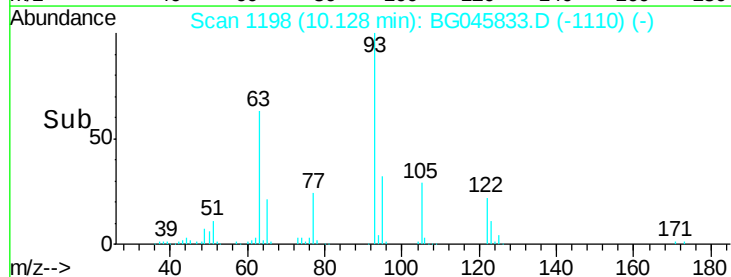
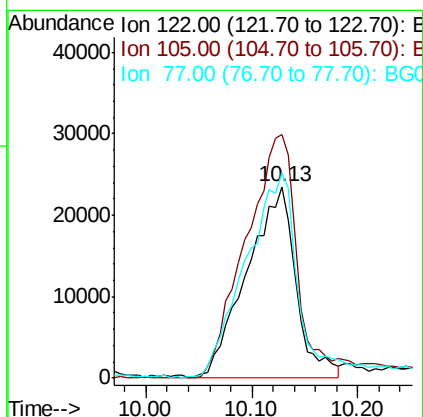
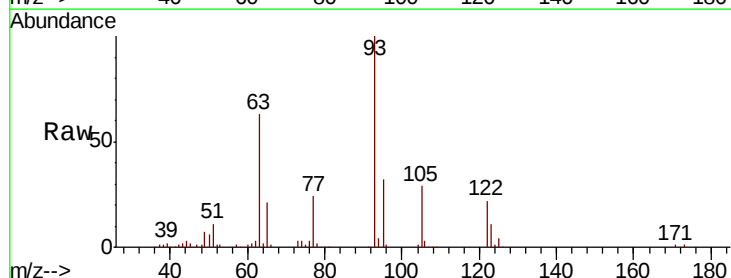
Instrument :
BNA_G
ClientSampleId :
PB129662BS

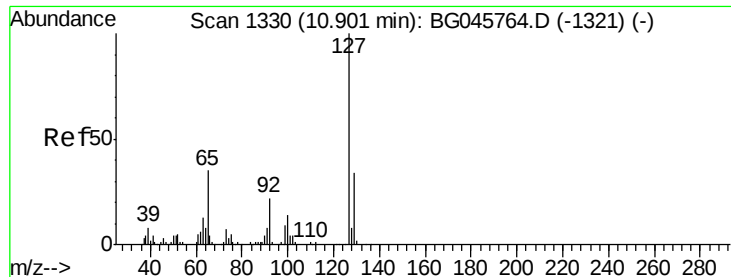
Tot Ion	128	Resp	438844
Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	14.3	10.9	16.3



#32
Benzoic acid
Concen: 43.284 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	122	Resp	75517
Ion	Ratio	Lower	Upper
122	100		
105	127.3	112.9	152.9
77	107.4	79.2	119.2

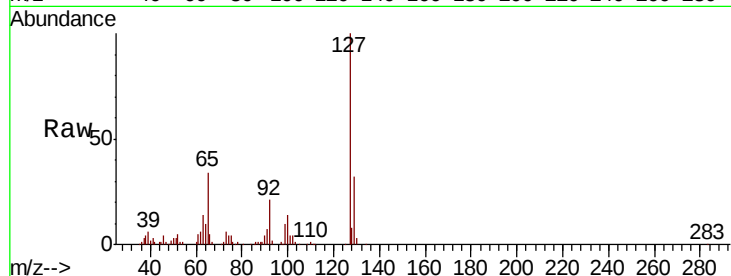




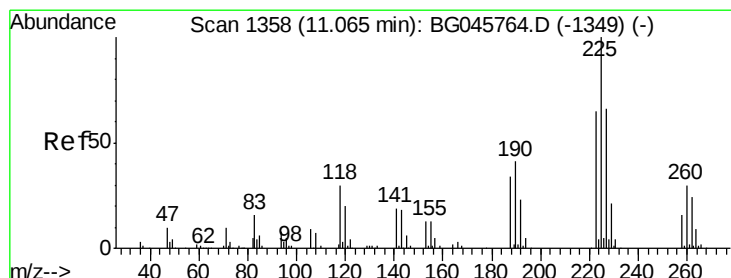
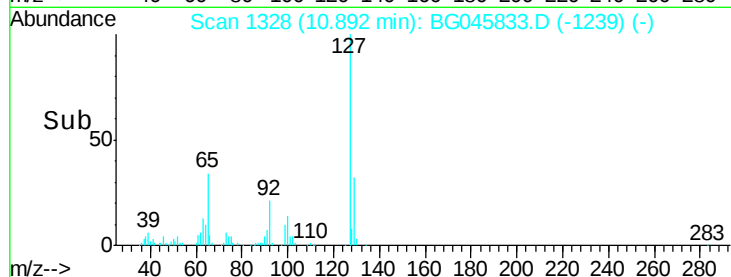
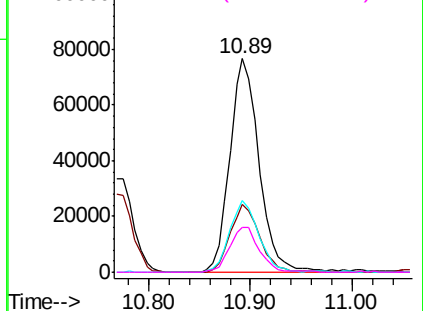
#33
4-Chloroaniline
Concen: 35.999 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion:	127	Resp:	153195
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.8	40.2
65	33.6	27.8	41.8
92	20.8	17.3	25.9

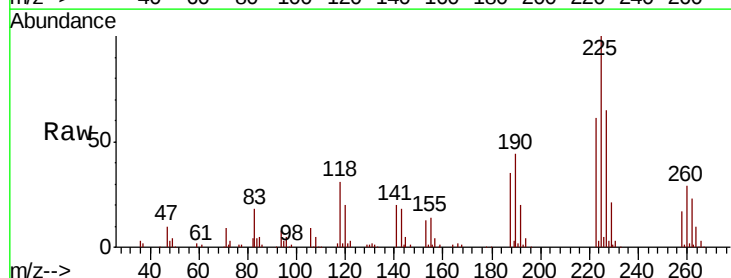


Abundance Ion 127.00 (126.70 to 127.70): E
120000
Ion 129.00 (128.70 to 129.70): E
100000
Ion 65.00 (64.70 to 65.70): BG
80000
Ion 92.00 (91.70 to 92.70): BG

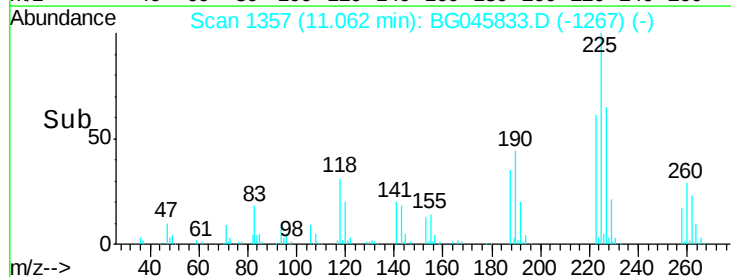
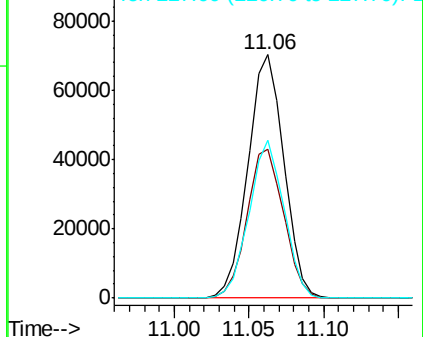


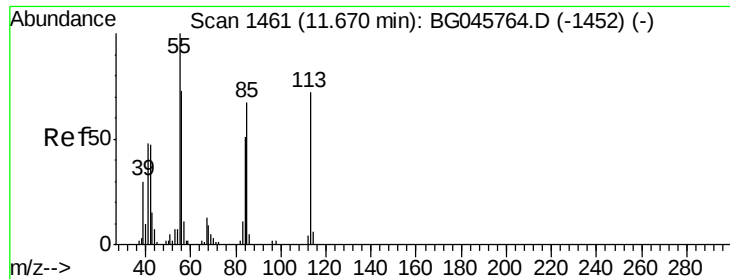
#34
Hexachlorobutadiene
Concen: 43.047 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion:	225	Resp:	116679
Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.0	78.0
227	64.8	52.5	78.7



Abundance Ion 225.00 (224.70 to 225.70): E
80000
Ion 223.00 (222.70 to 223.70): E
60000
Ion 227.00 (226.70 to 227.70): E
40000
20000
0





#35

Caprolactam

Concen: 22.052 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

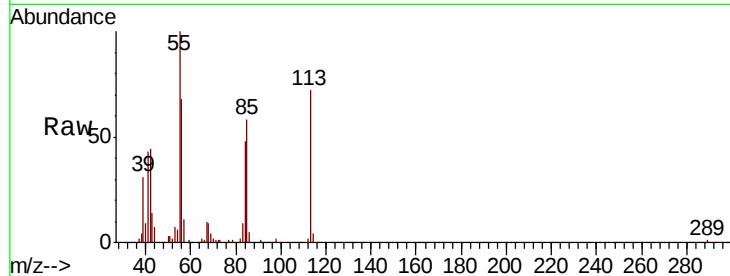
Tot Ion:113 Resp: 22974

Ion Ratio Lower Upper

113 100

55 138.3 119.7 159.7

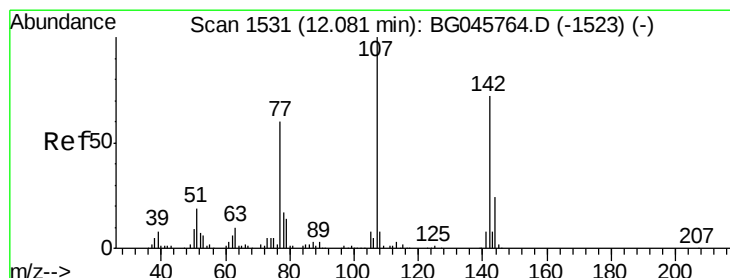
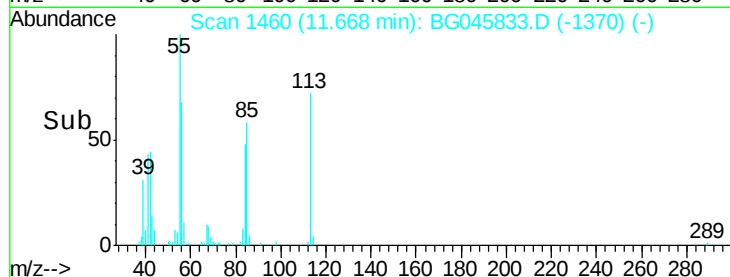
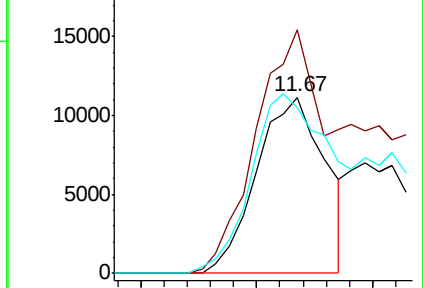
56 93.9 82.5 122.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.074 ng

RT: 12.06 min Scan# 1527

Delta R.T. -0.02 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

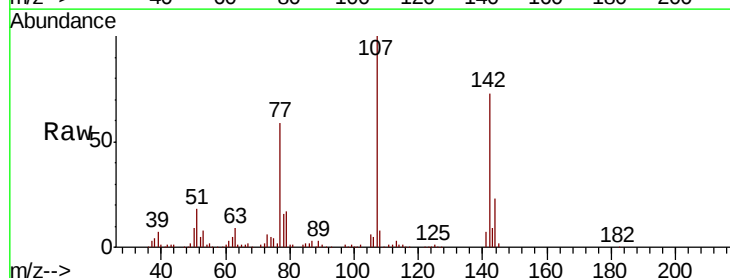
Tgt Ion:107 Resp: 167547

Ion Ratio Lower Upper

107 100

144 23.0 19.5 29.3

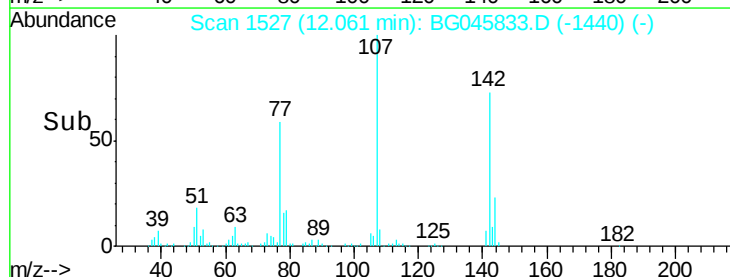
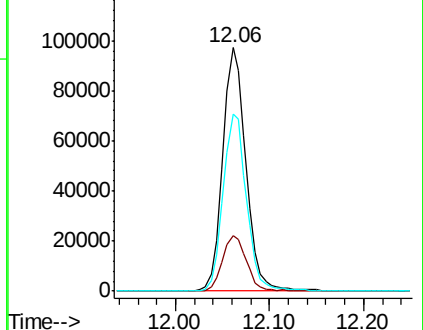
142 72.6 57.4 86.0

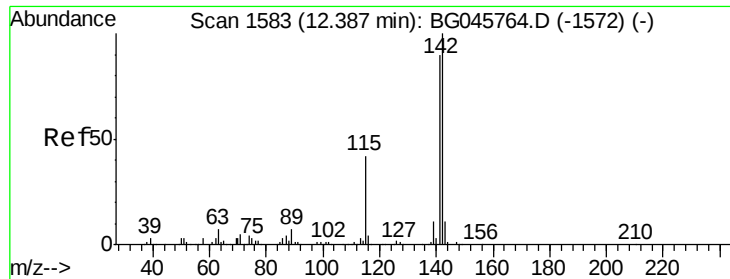


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.734 ng

RT: 12.38 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

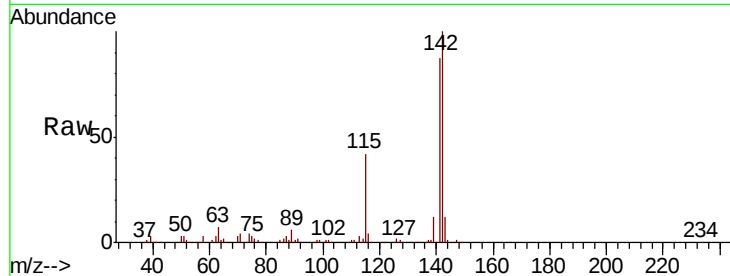
Tot Ion:142 Resp: 330936

Ion Ratio Lower Upper

142 100

141 86.9 71.7 107.5

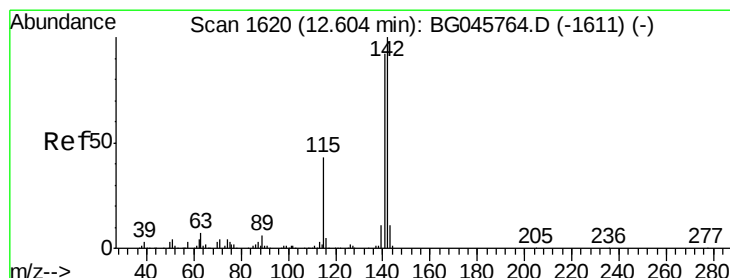
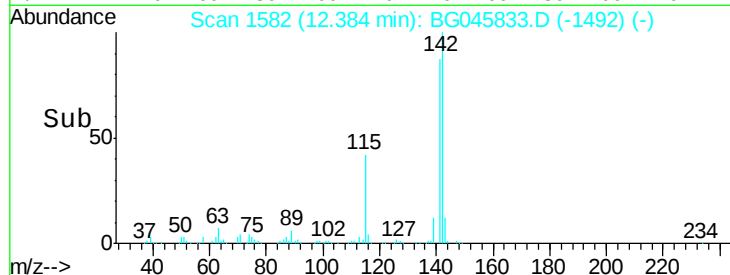
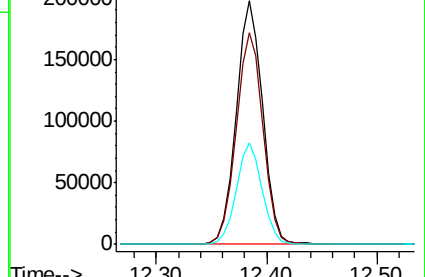
115 41.7 33.8 50.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.352 ng

RT: 12.60 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

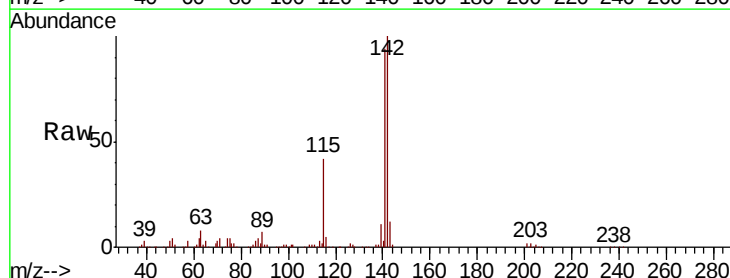
Tgt Ion:142 Resp: 317595

Ion Ratio Lower Upper

142 100

141 94.3 73.8 110.8

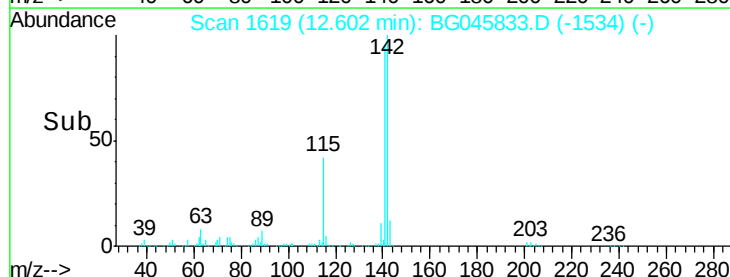
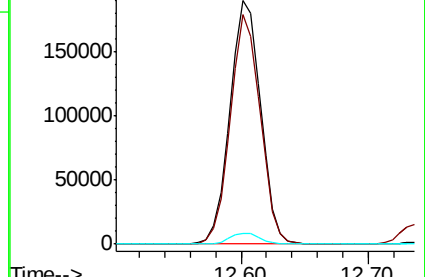
116 4.6 3.8 5.8

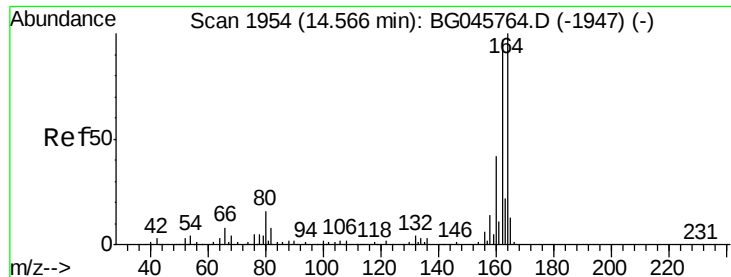


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

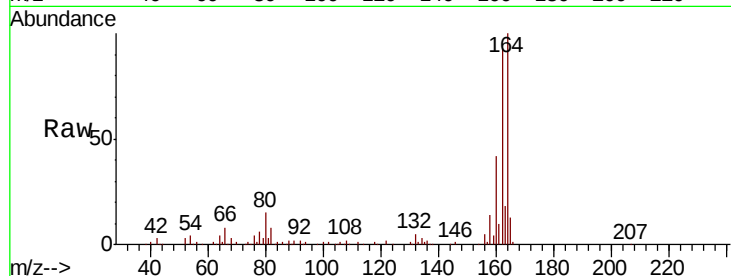
Tot Ion:164 Resp: 131093

Ion Ratio Lower Upper

164 100

162 92.9 77.4 116.0

160 42.4 33.3 49.9

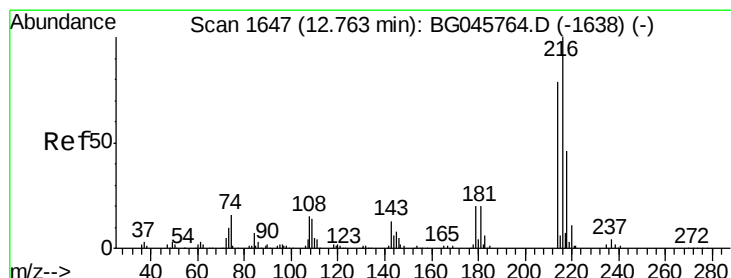
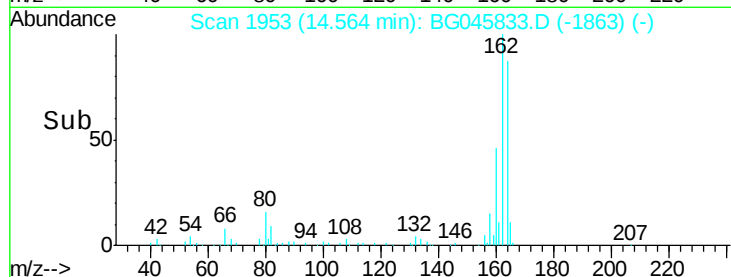
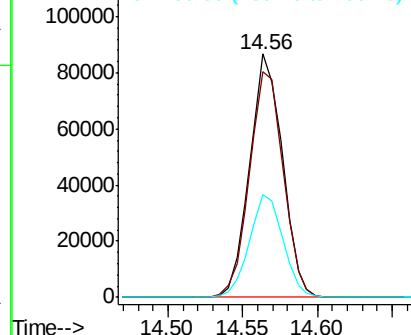


Abundance

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: 43.920 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Tgt Ion:216 Resp: 189583

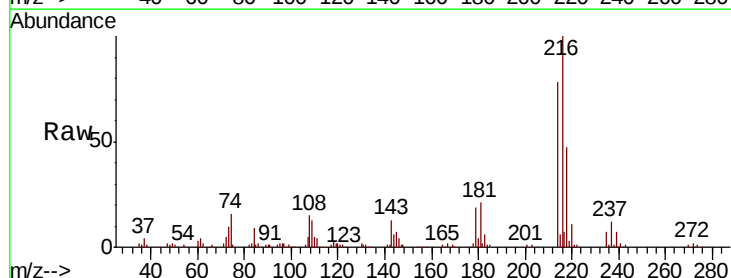
Ion Ratio Lower Upper

216 100

214 77.8 62.8 94.2

179 19.6 16.2 24.4

108 19.0 13.4 20.2



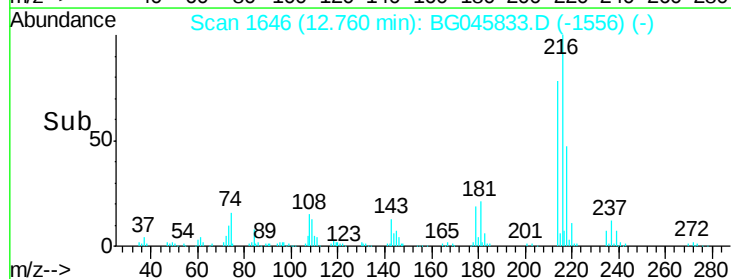
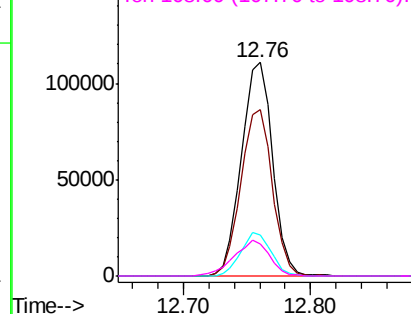
Abundance

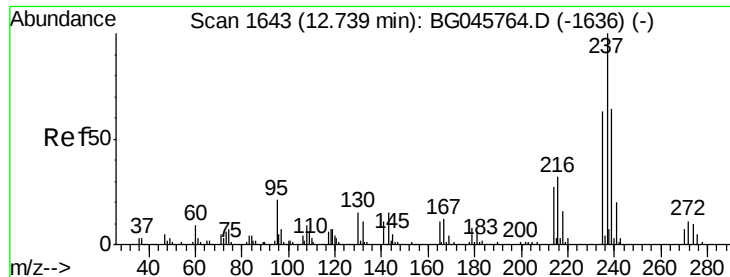
Ion 216.00 (215.70 to 216.70): E

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: 93.019 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

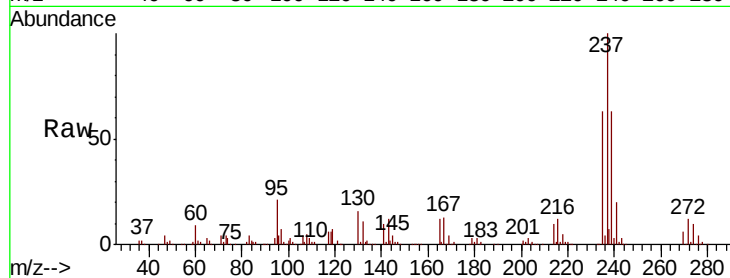
Tot Ion:237 Resp: 225441

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

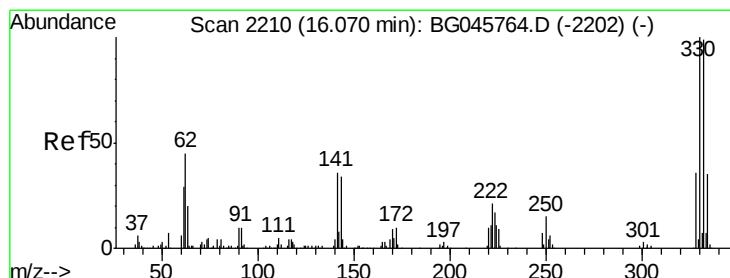
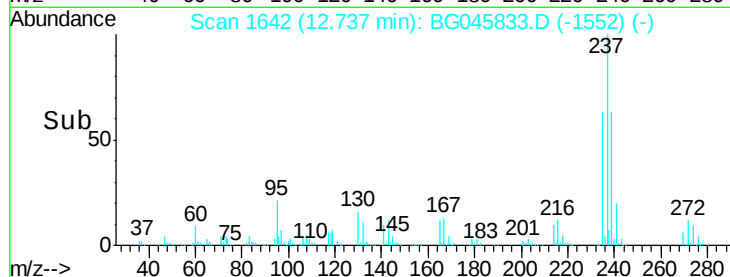
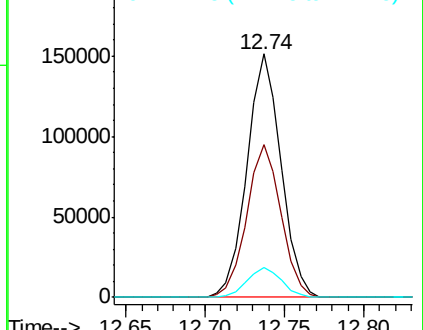
272 12.4 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.496 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

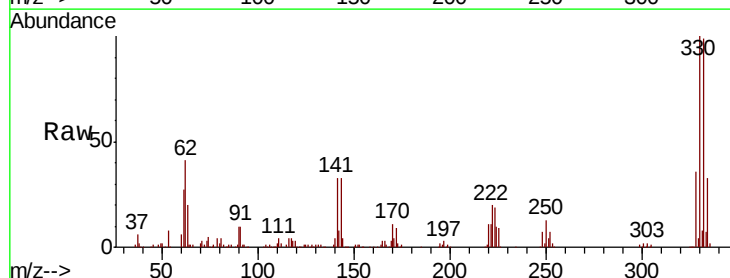
Tgt Ion:330 Resp: 264211

Ion Ratio Lower Upper

330 100

332 96.9 78.6 117.8

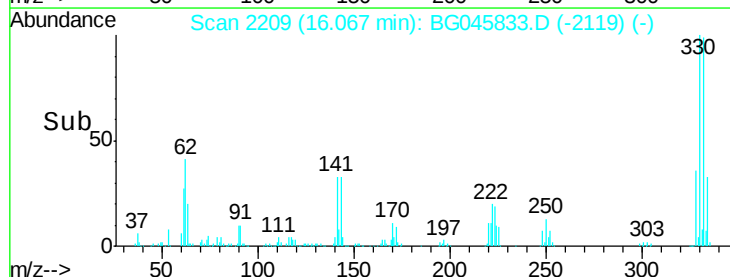
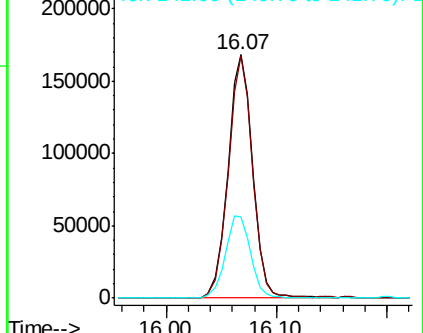
141 34.6 28.2 42.4

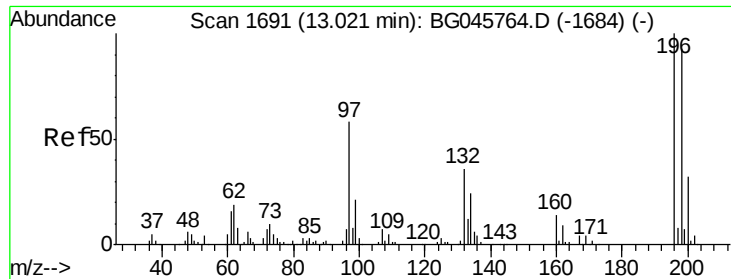


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

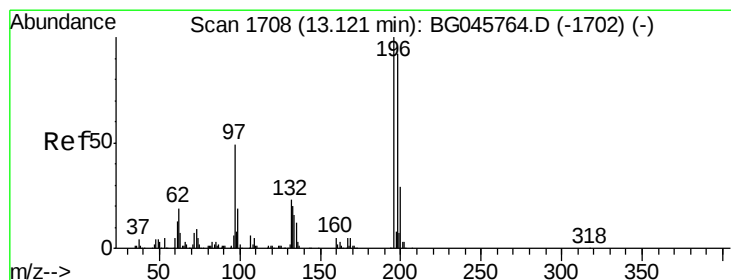
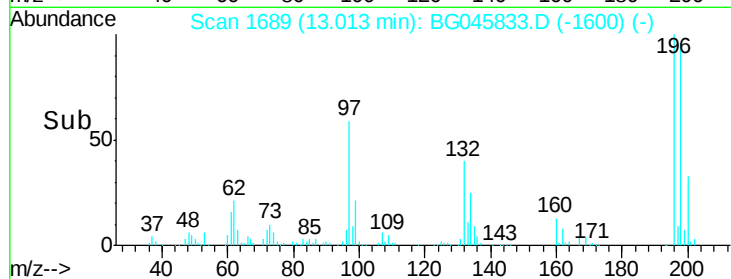
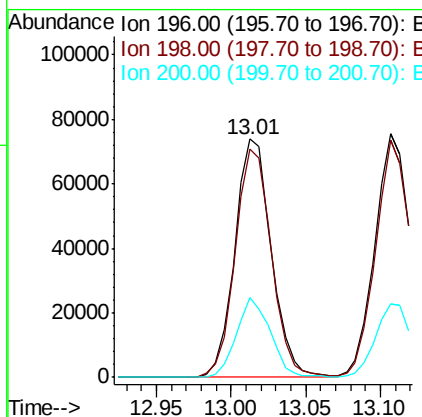
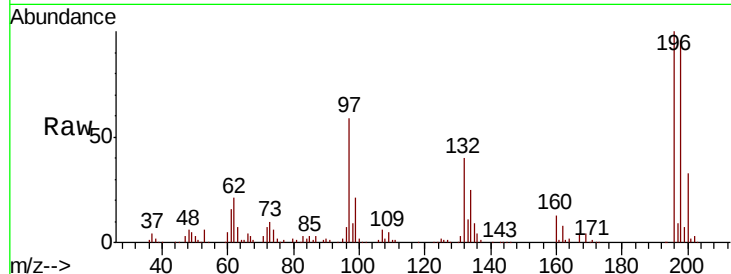




#43
 2,4,6-Trichlorophenol
 Concen: 42.950 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

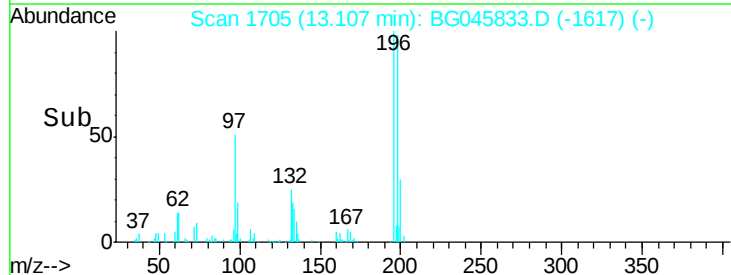
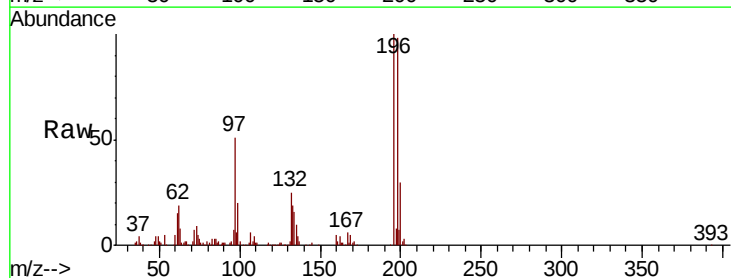
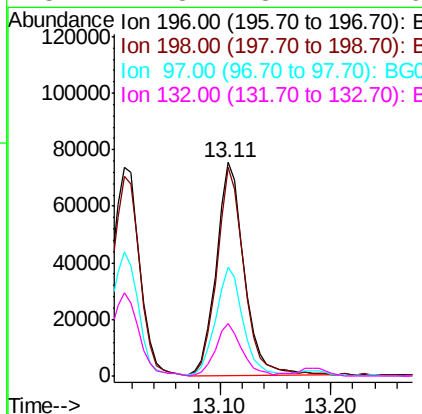
Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

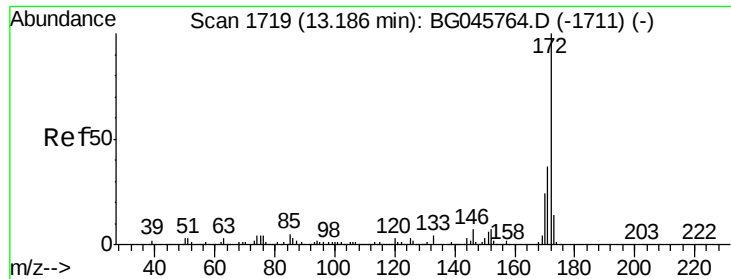
Tot Ion	196	Resp	125698
Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.4	111.6
200	33.4	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.348 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	196	Resp	131247
Ion	Ratio	Lower	Upper
196	100		
198	97.7	74.0	111.0
97	50.8	39.0	58.6
132	24.8	18.4	27.6

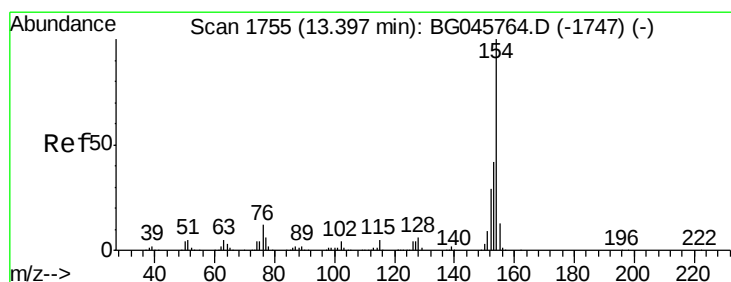
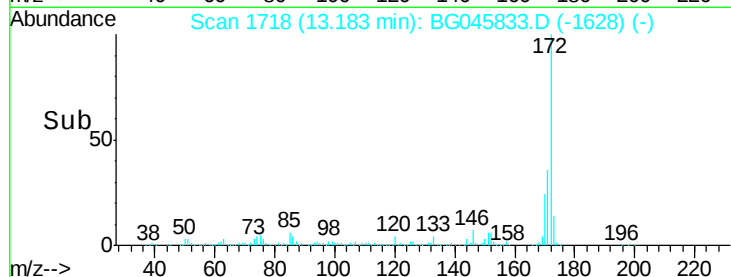
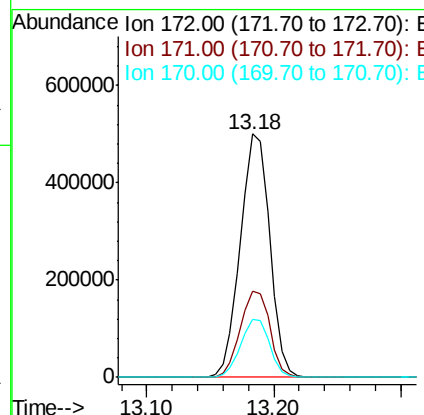
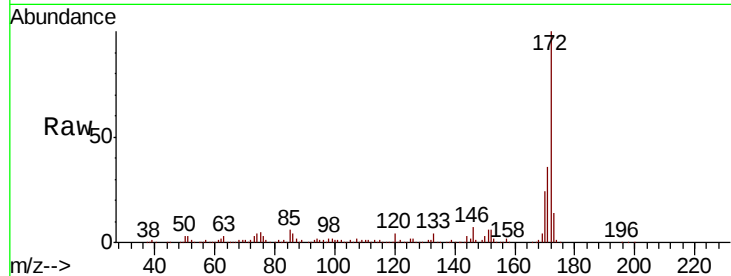




#45
2-Fluorobiphenyl
Concen: 90.267 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

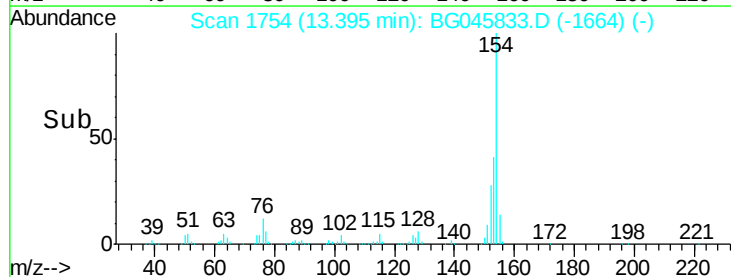
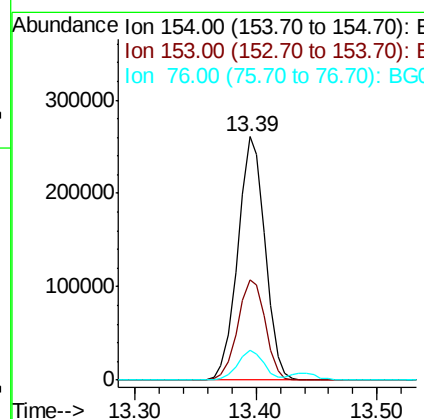
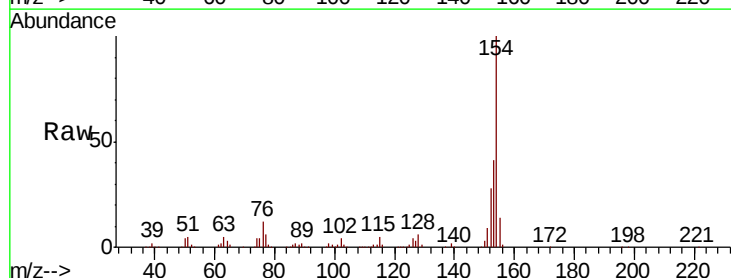
Instrument :
BNA_G
ClientSampleId :
PB129662BS

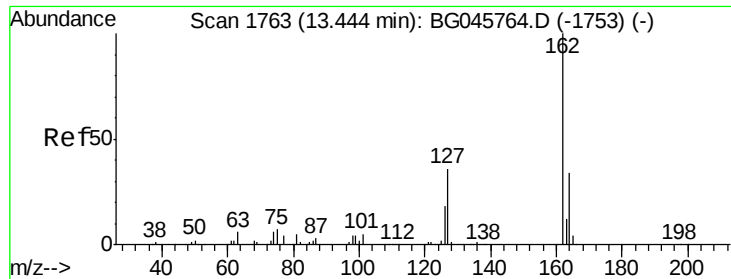
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	23.9	19.3	28.9



#46
1,1'-Biphenyl
Concen: 43.552 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.7	61.7
76	12.1	0.0	32.0

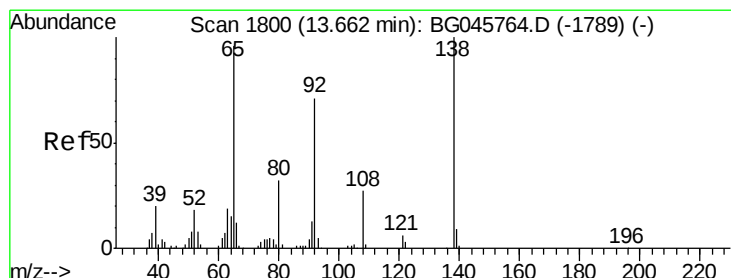
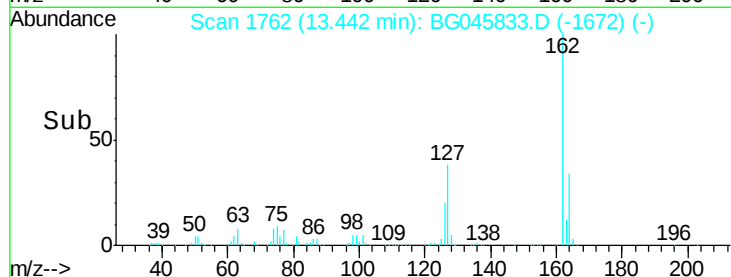
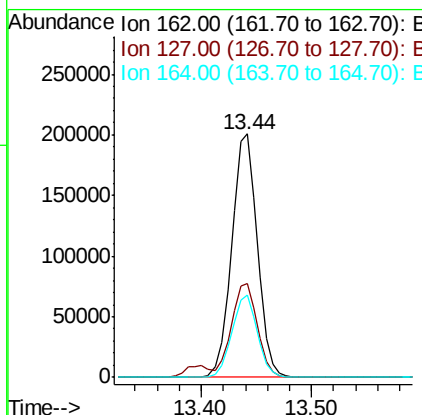
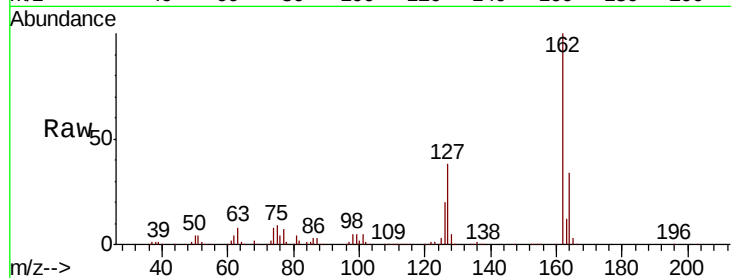




#47
 2-Chloronaphthalene
 Concen: 43.029 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

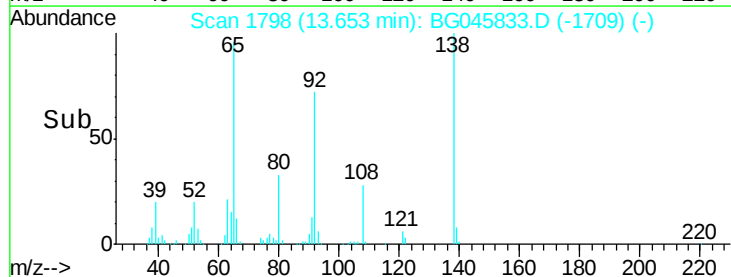
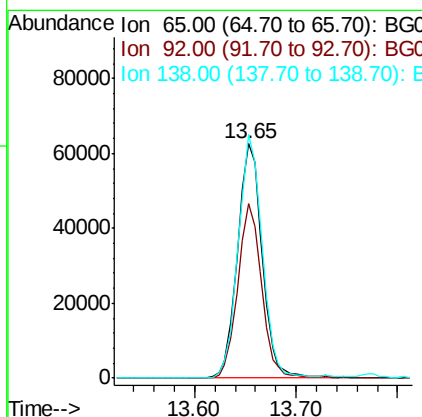
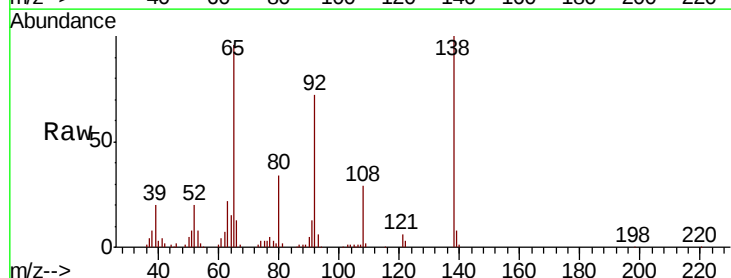
Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

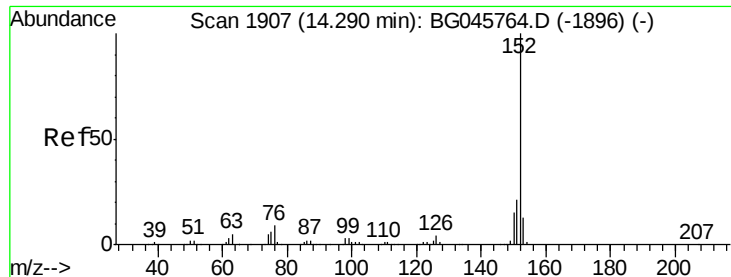
Tot Ion:162 Resp: 326219
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.5 45.7
 164 33.6 27.2 40.8



#48
 2-Nitroaniline
 Concen: 42.087 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion: 65 Resp: 106139
 Ion Ratio Lower Upper
 65 100
 92 74.4 59.0 88.6
 138 103.8 83.6 125.4





#49

Acenaphthylene

Concen: 42.934 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

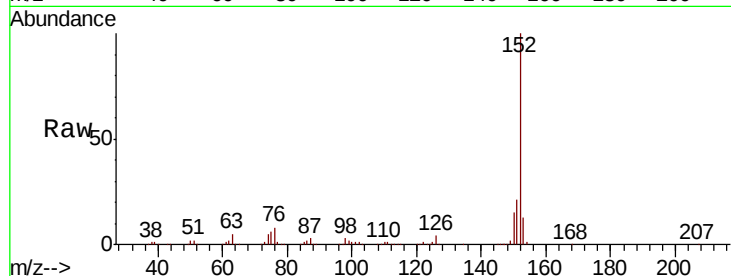
Tot Ion:152 Resp: 521379

Ion Ratio Lower Upper

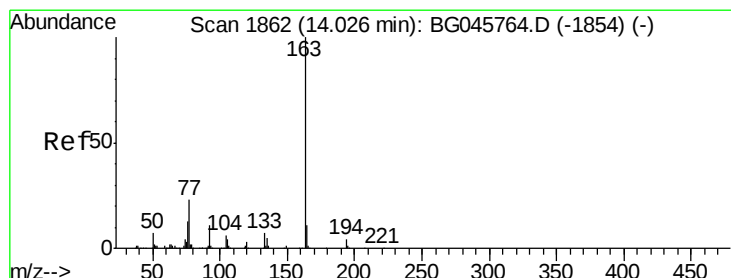
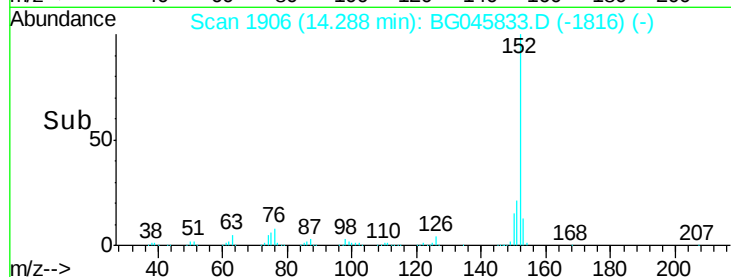
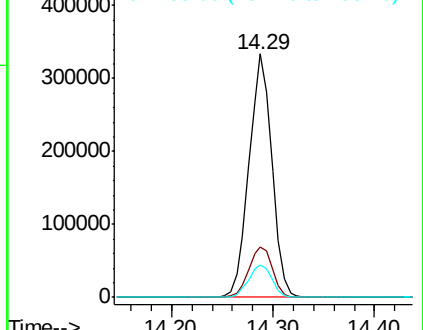
152 100

151 20.8 17.0 25.4

153 13.3 10.6 15.8



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



#50

Dimethylphthalate

Concen: 42.791 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

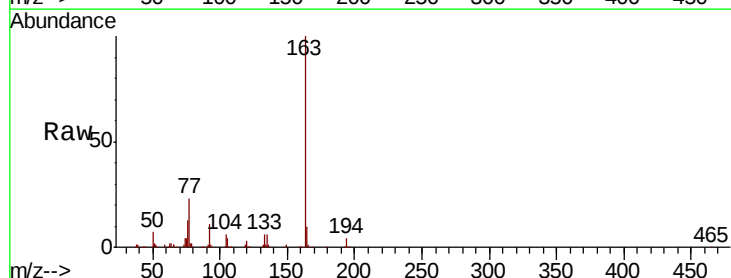
Tgt Ion:163 Resp: 439457

Ion Ratio Lower Upper

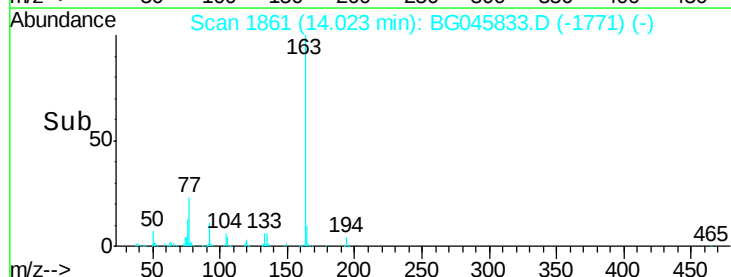
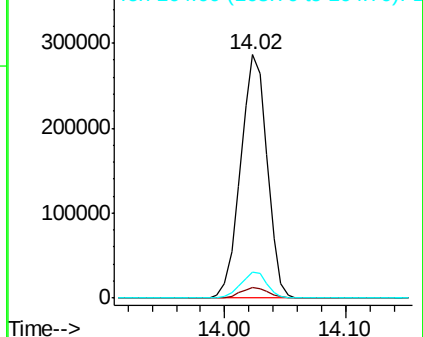
163 100

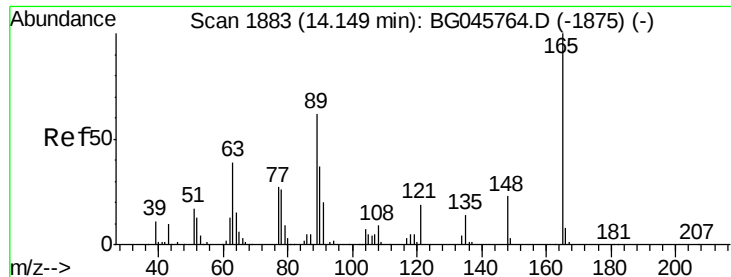
194 4.2 3.4 5.0

164 10.4 8.9 13.3



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: 42.969 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

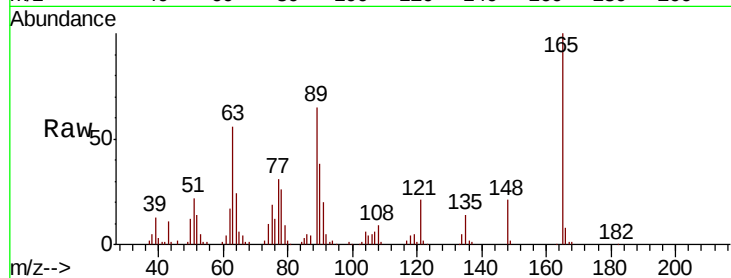
Tot Ion:165 Resp: 99113

Ion Ratio Lower Upper

165 100

63 56.2 41.2 61.8

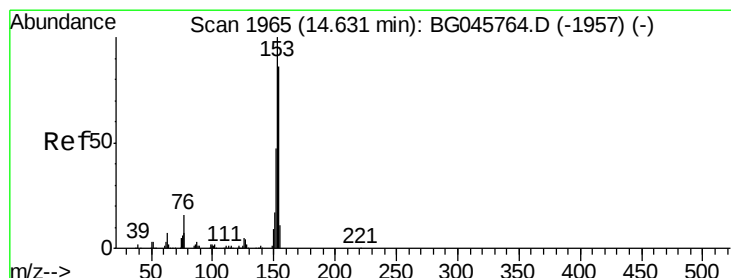
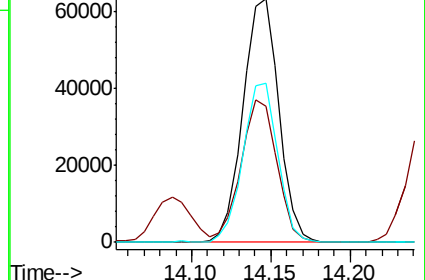
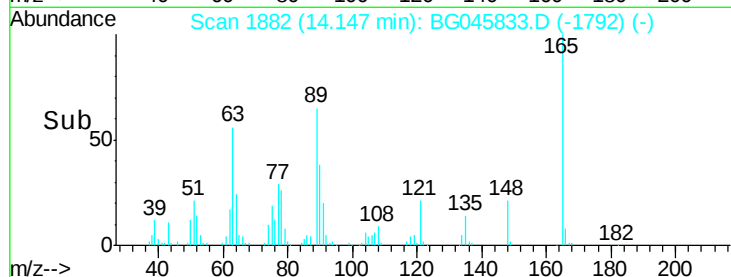
89 65.5 49.7 74.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.776 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

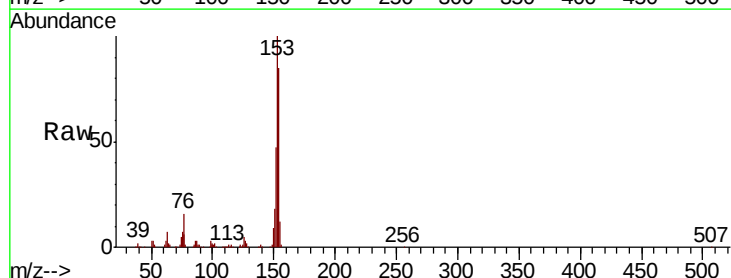
Tgt Ion:154 Resp: 314866

Ion Ratio Lower Upper

154 100

153 117.0 93.0 139.4

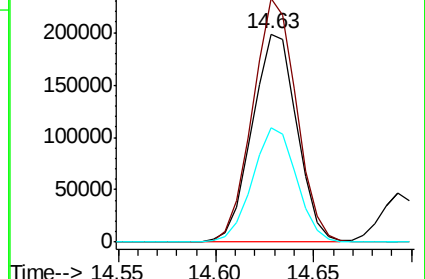
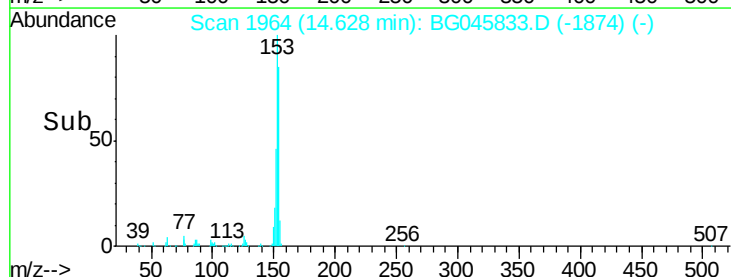
152 54.9 43.7 65.5

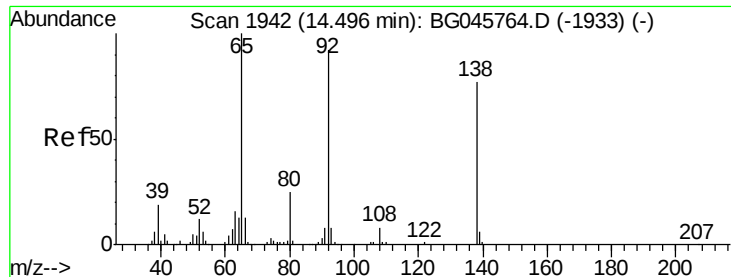


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

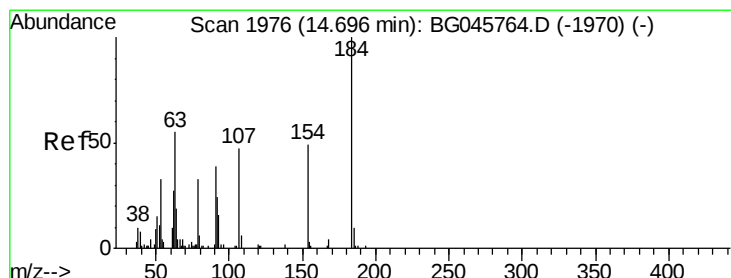
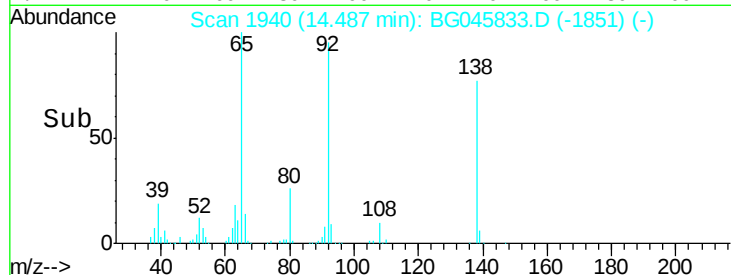
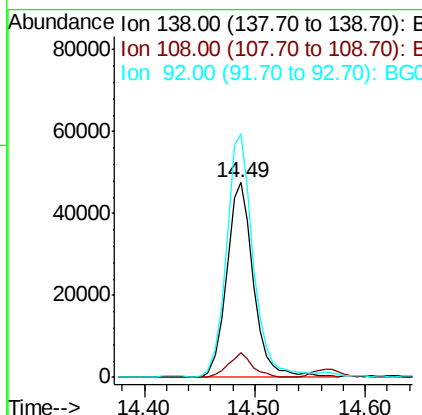
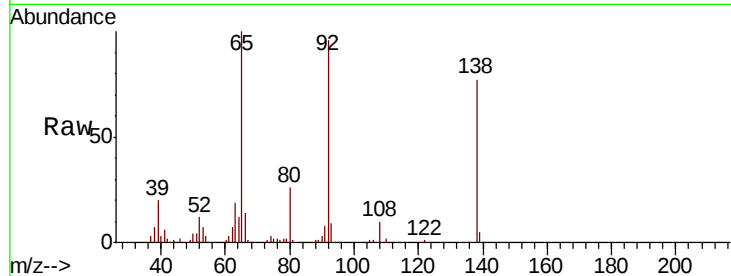




#53
 3-Nitroaniline
 Concen: 34.924 ng
 RT: 14.49 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

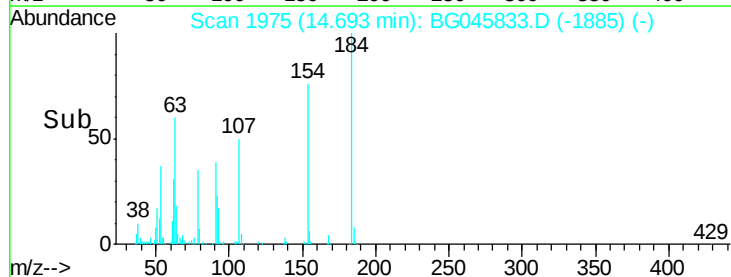
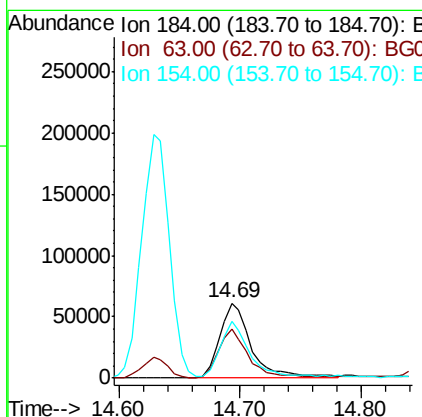
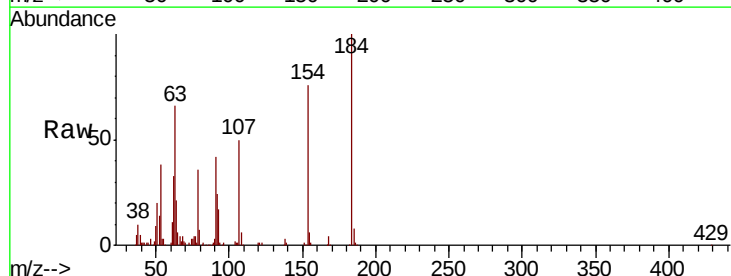
Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

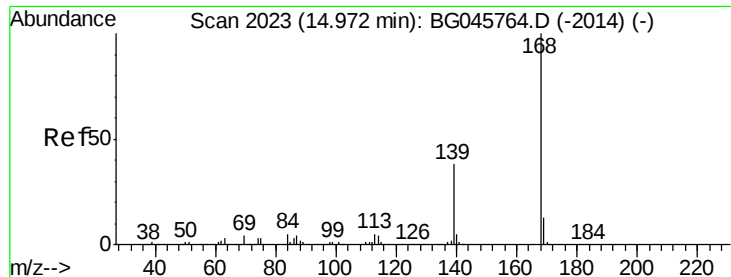
Tot Ion:138 Resp: 80462
 Ion Ratio Lower Upper
 138 100
 108 12.8 8.4 12.6#
 92 125.1 95.6 143.4



#54
 2,4-Dinitrophenol
 Concen: 85.139 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion:184 Resp: 110152
 Ion Ratio Lower Upper
 184 100
 63 65.8 46.6 70.0
 154 75.7 58.6 87.8

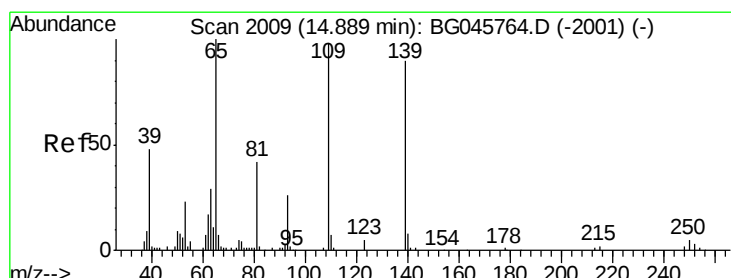
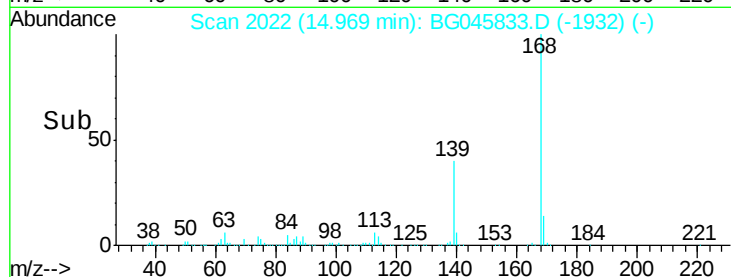
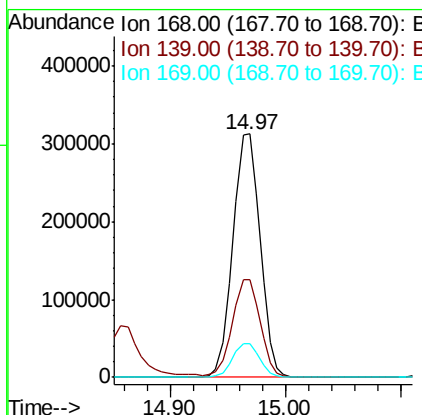
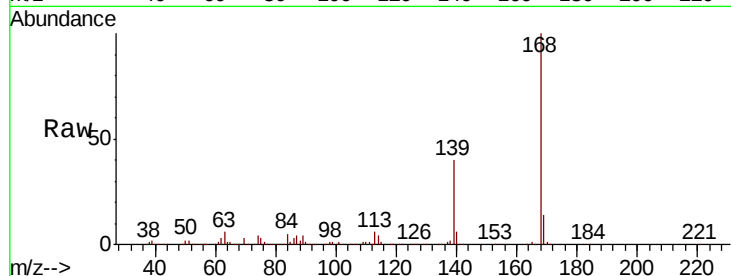




#55
Dibenzenofuran
Concen: 42.837 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

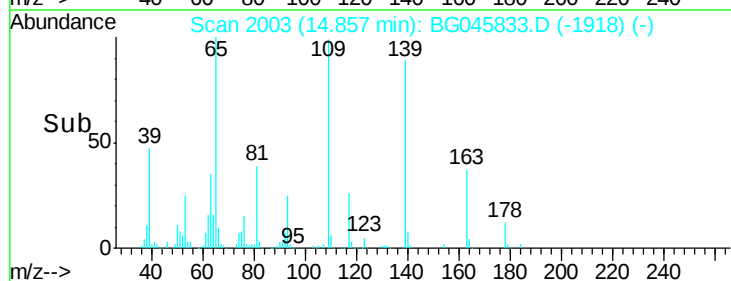
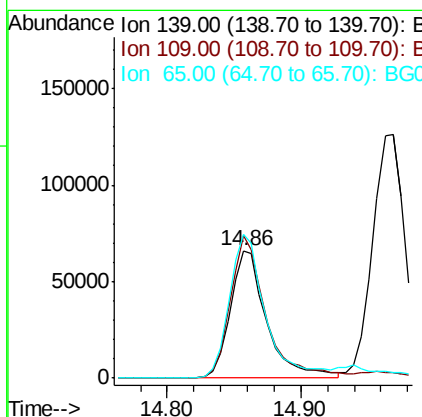
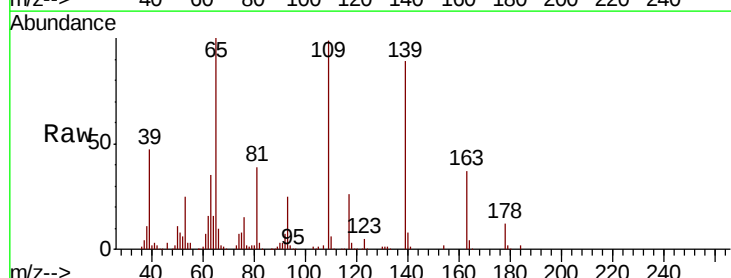
Instrument :
BNA_G
ClientSampleId :
PB129662BS

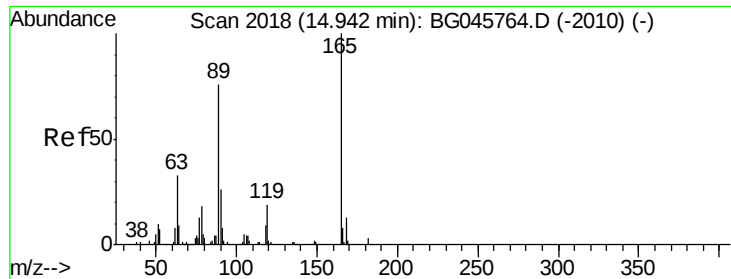
Tot Ion:168 Resp: 512231
Ion Ratio Lower Upper
168 100
139 40.3 31.8 47.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 76.095 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion:139 Resp: 125273
Ion Ratio Lower Upper
139 100
109 111.8 88.9 128.9
65 112.7 92.3 132.3

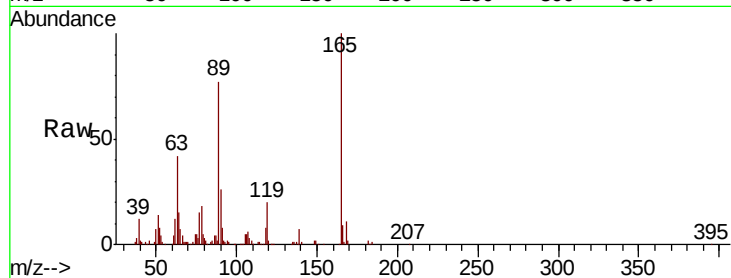




#57
2,4-Dinitrotoluene
Concen: 43.069 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	33.8	50.8
89	77.1	60.4	90.6
182	2.4	2.6	3.8



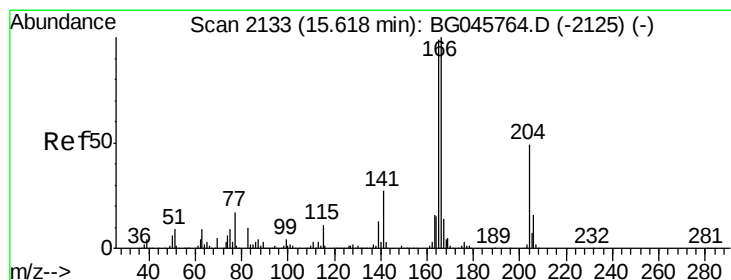
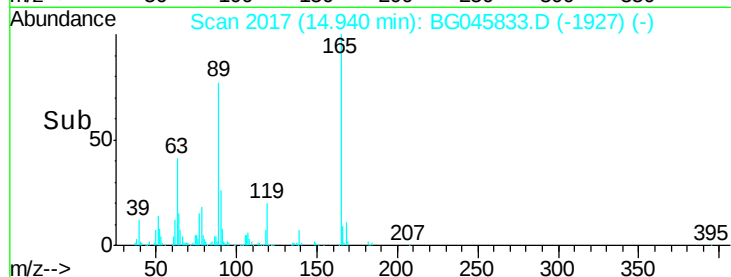
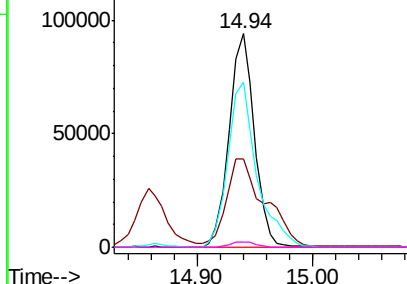
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

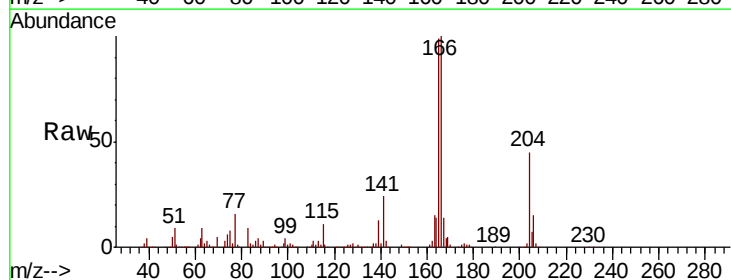
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.711 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.1	118.7
167	13.8	11.5	17.3

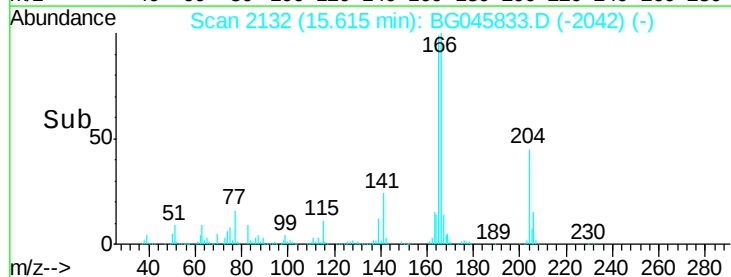
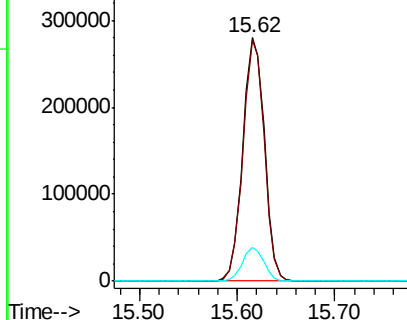


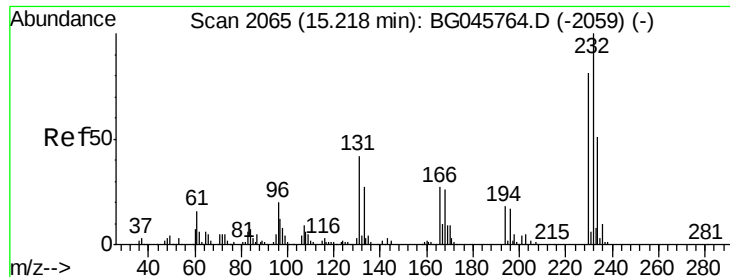
Abundance

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

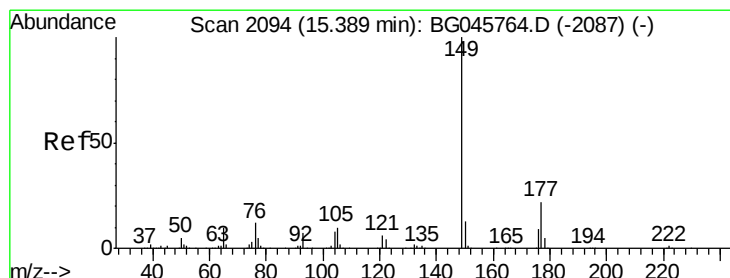
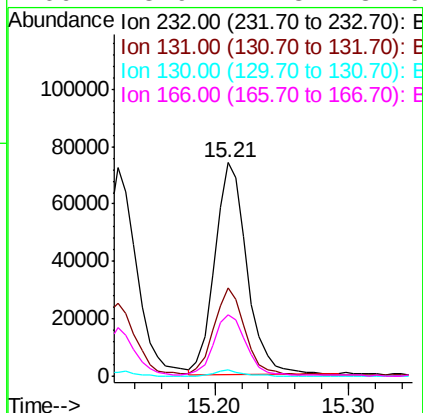
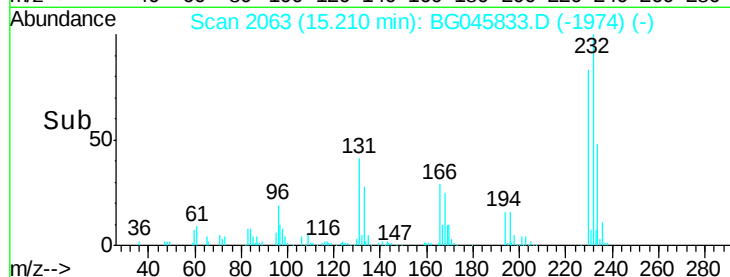
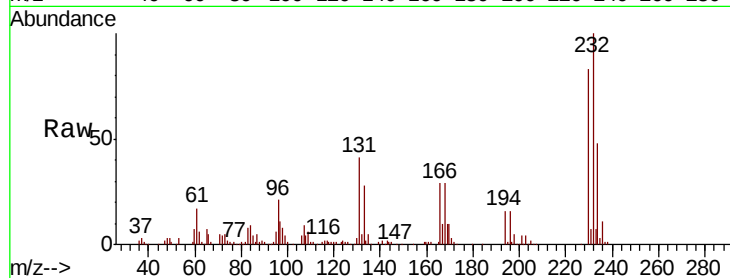




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.115 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

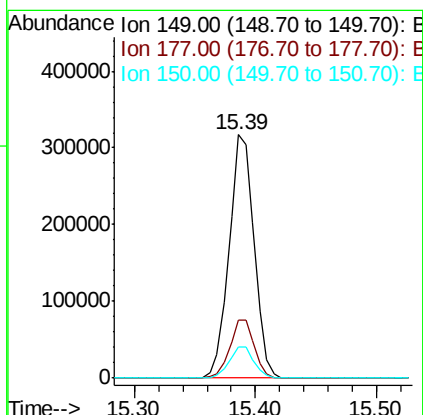
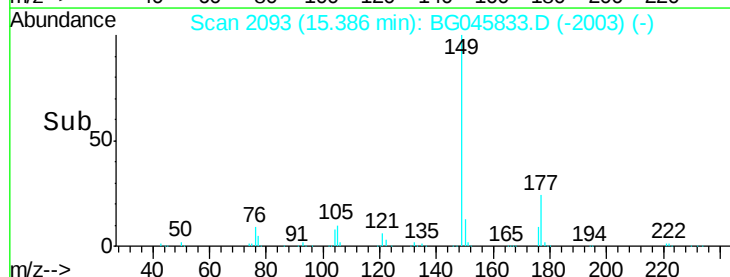
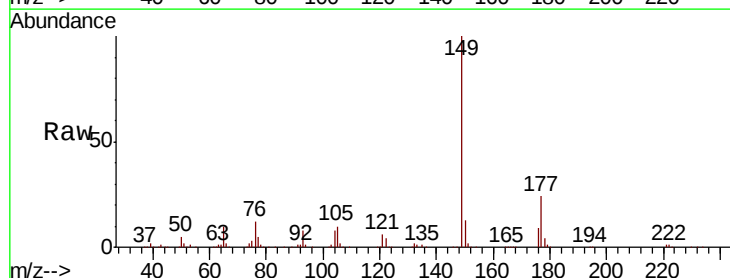
Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

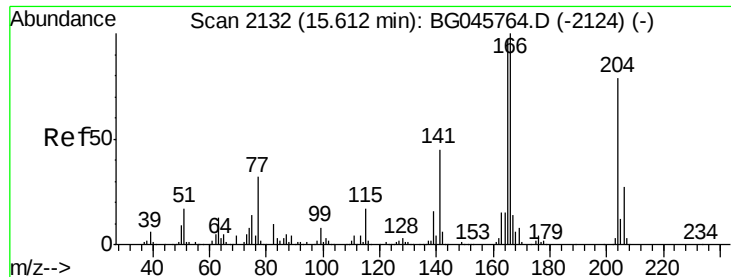
Tot Ion:232	Resp:	124818
Ion	Ratio	Lower Upper
232	100	
131	40.6	32.2 48.2
130	2.5	2.2 3.4
166	28.9	21.3 31.9



#60
 Diethylphthalate
 Concen: 43.274 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion:149	Resp:	454313
Ion	Ratio	Lower Upper
149	100	
177	23.6	17.2 25.8
150	12.8	10.7 16.1

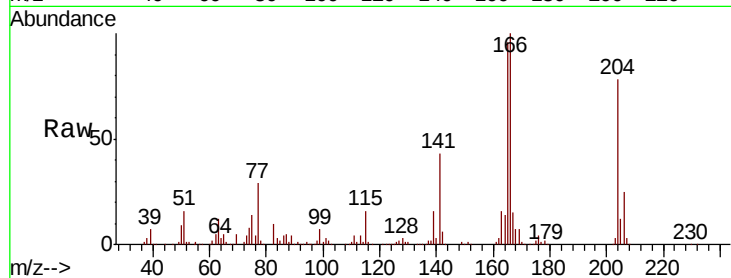




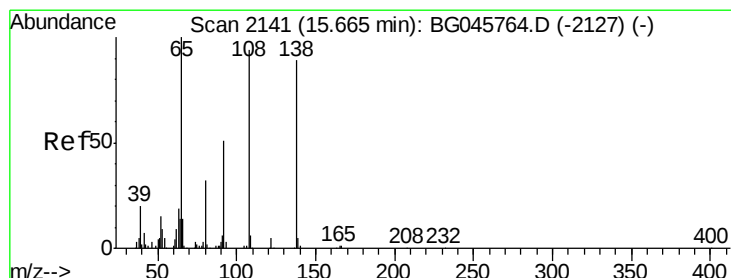
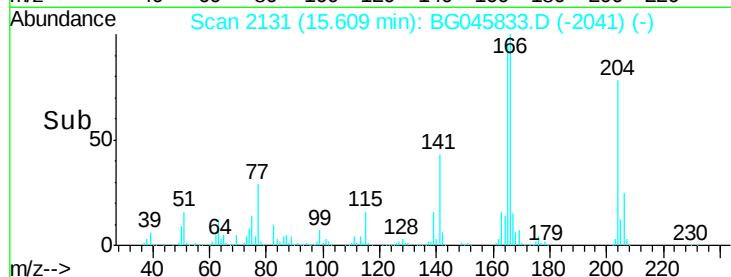
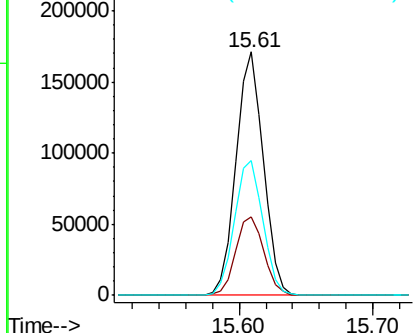
#61
4-Chlorophenyl-phenylether
Concen: 42.465 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	27.2	40.8
141	55.5	45.9	68.9

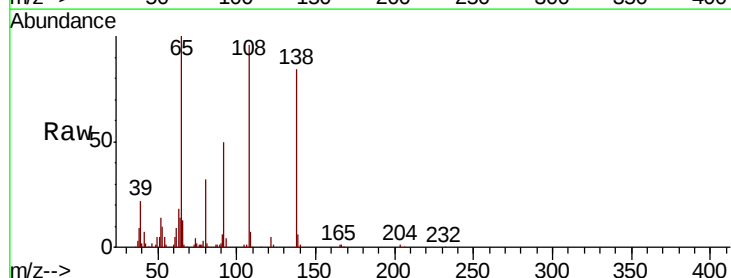


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

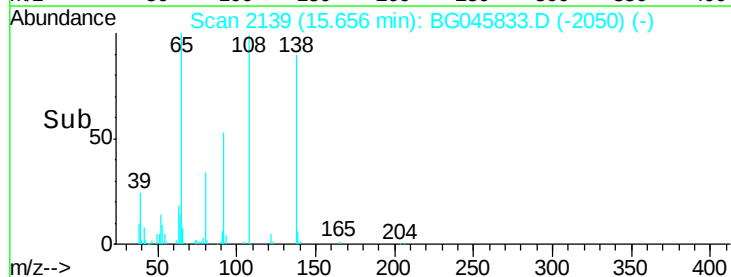
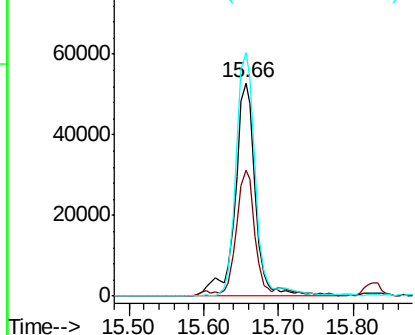


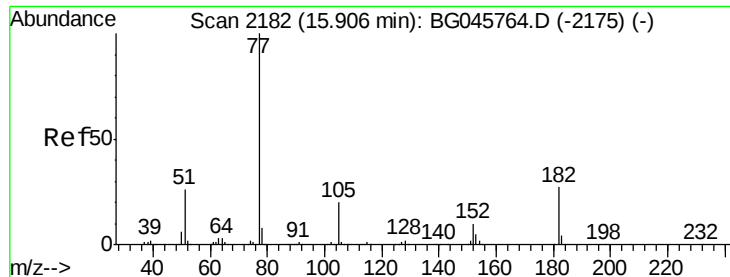
#62
4-Nitroaniline
Concen: 42.141 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.0	37.3	77.3
108	114.2	85.0	125.0



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: 43.562 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

Tot Ion: 77 Resp: 439132

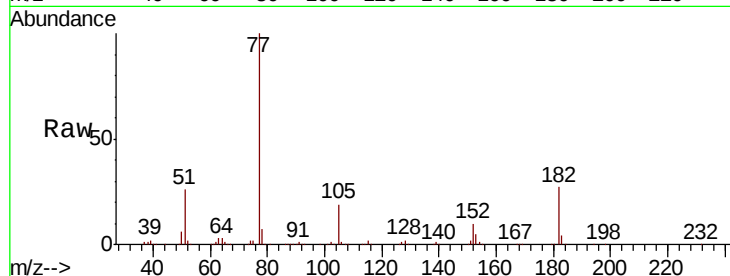
Ion Ratio Lower Upper

77 100

182 27.2 7.4 47.4

105 19.1 0.1 40.1

51 25.6 5.7 45.7

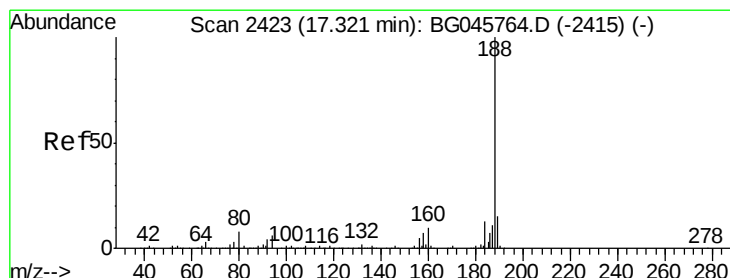
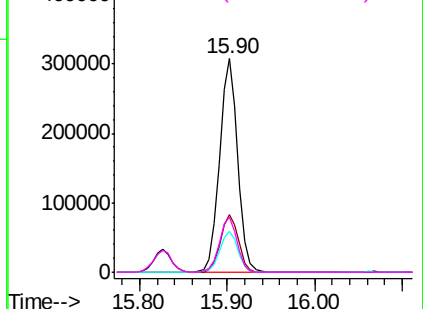
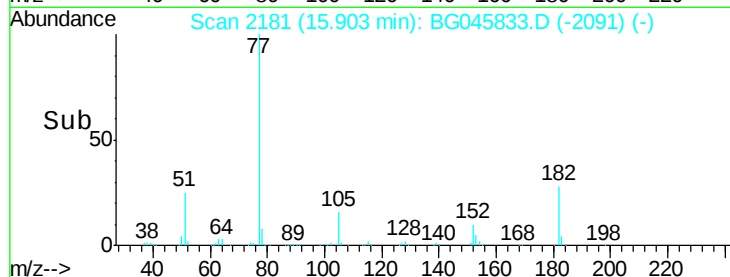


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.32 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

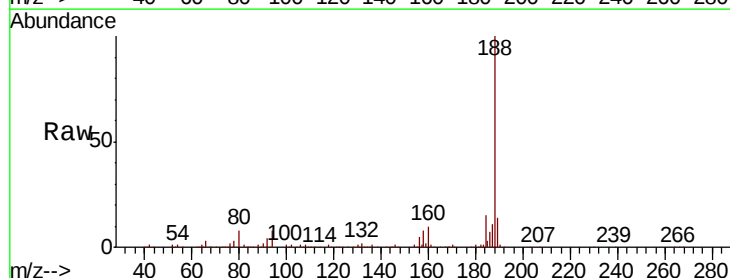
Tgt Ion: 188 Resp: 313901

Ion Ratio Lower Upper

188 100

94 7.7 5.1 7.7

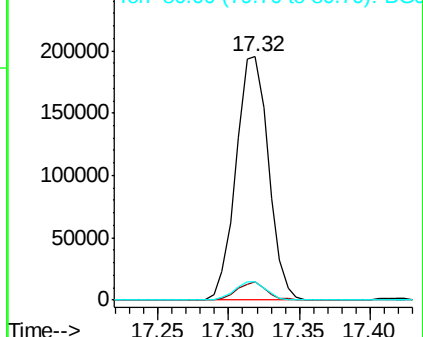
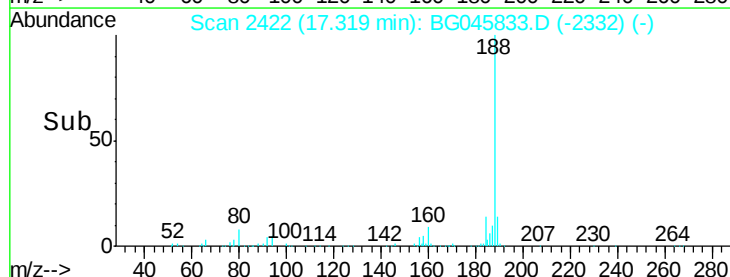
80 7.8 6.2 9.4

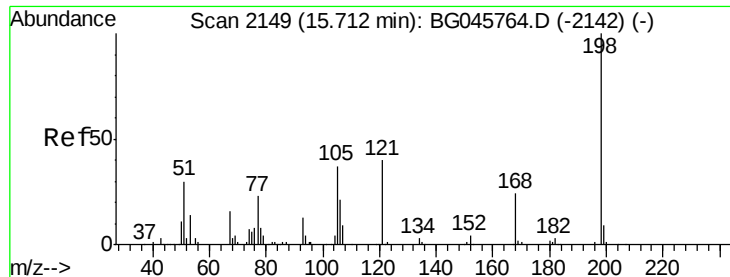


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

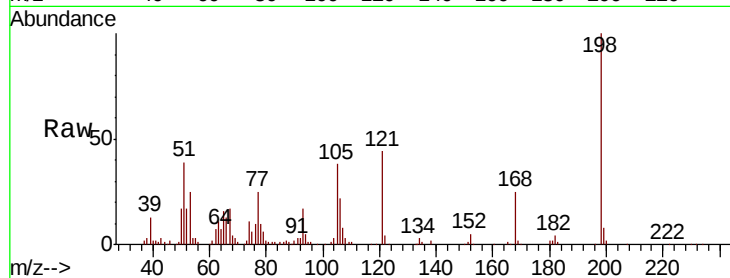




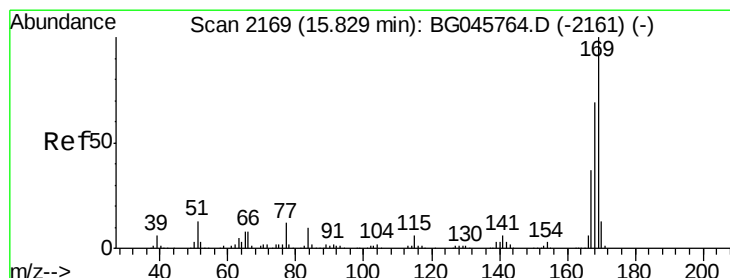
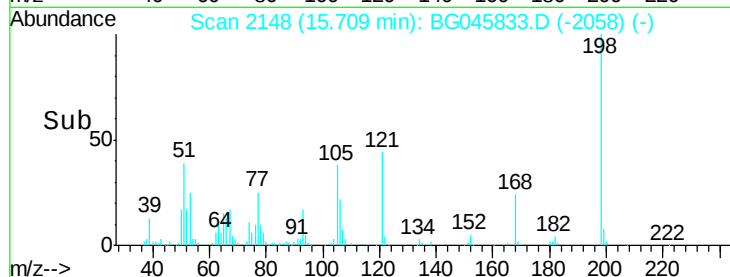
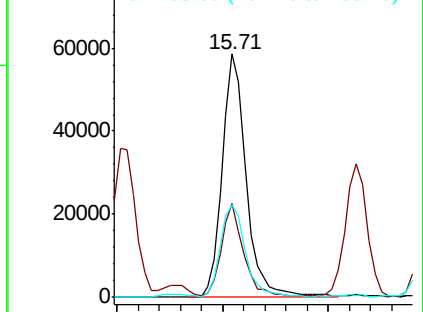
#65
4,6-Dinitro-2-methylphenol
Concen: 47.950 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.7	14.6	54.6
105	38.0	18.4	58.4

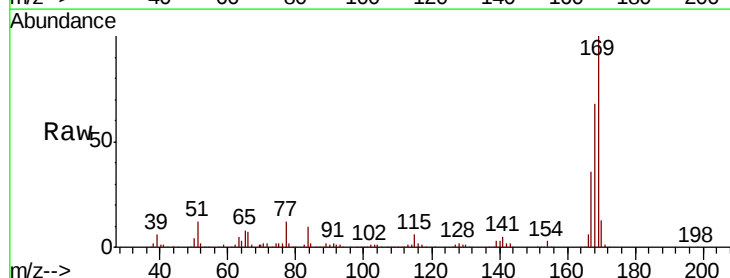


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

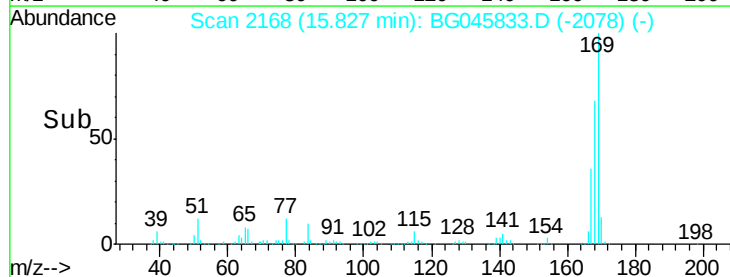
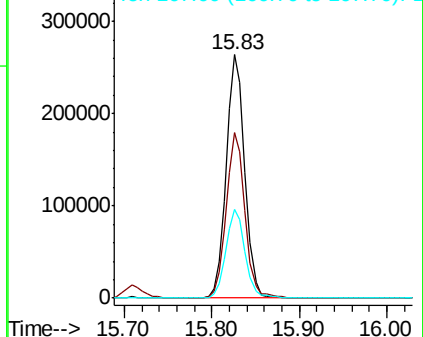


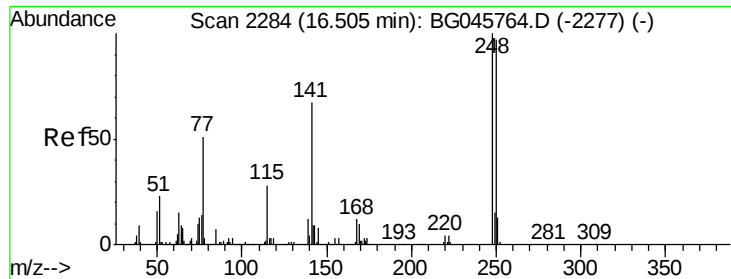
#66
n-Nitrosodiphenylamine
Concen: 43.017 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	55.2	82.8
167	36.5	29.8	44.6



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

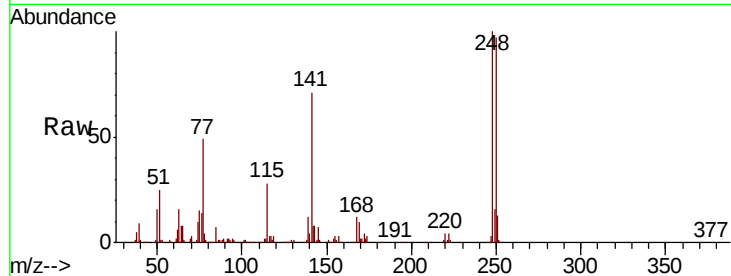




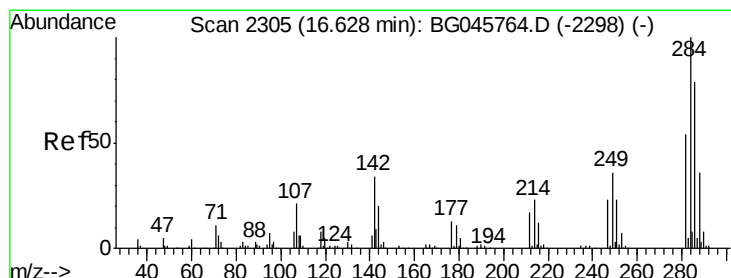
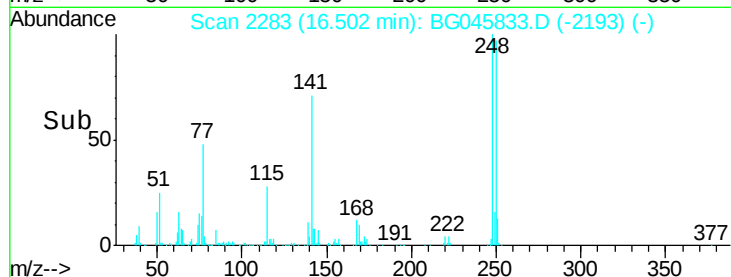
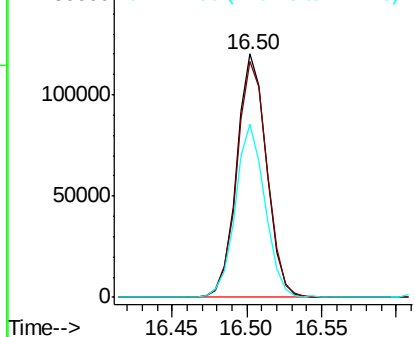
#67
 4-Bromophenyl-phenylether
 Concen: 40.717 ng
 RT: 16.50 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

Tot Ion:248 Resp: 166074
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.0 117.0
 141 70.9 53.9 80.9

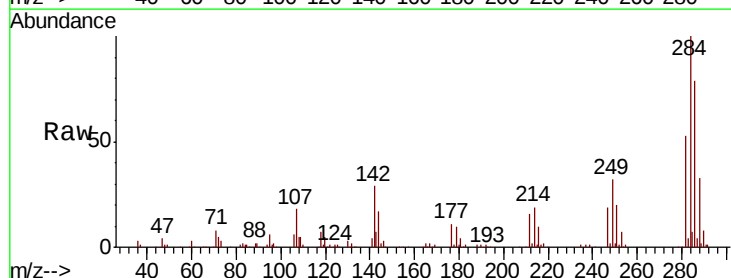


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

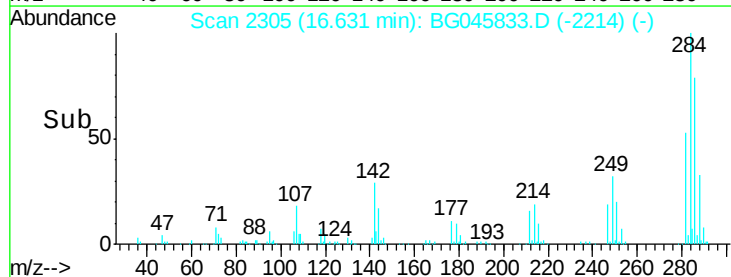
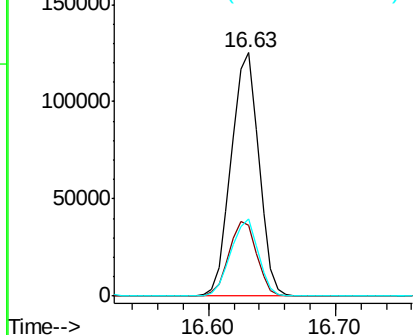


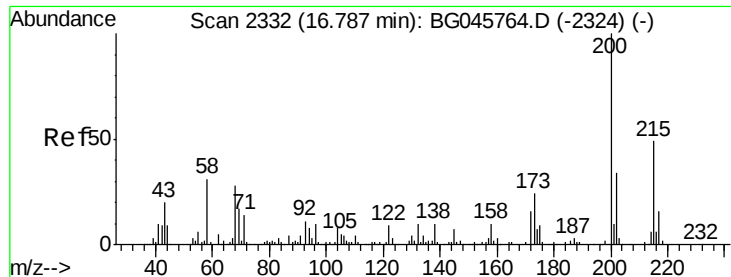
#68
 Hexachlorobenzene
 Concen: 44.595 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion:284 Resp: 188613
 Ion Ratio Lower Upper
 284 100
 142 29.2 26.9 40.3
 249 31.8 28.6 42.8



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

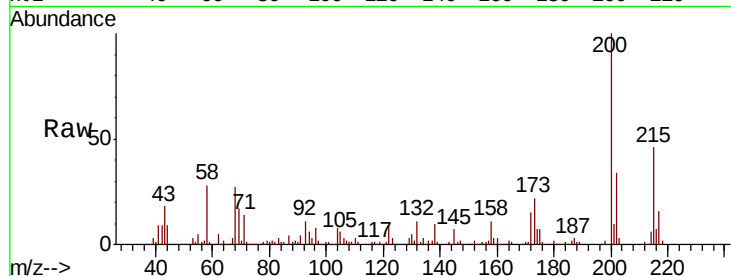




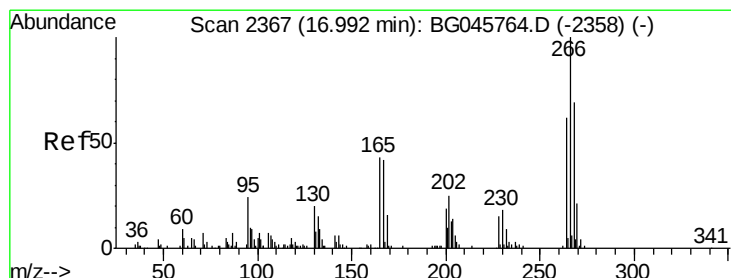
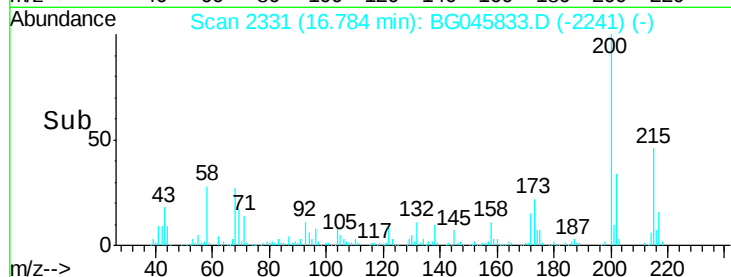
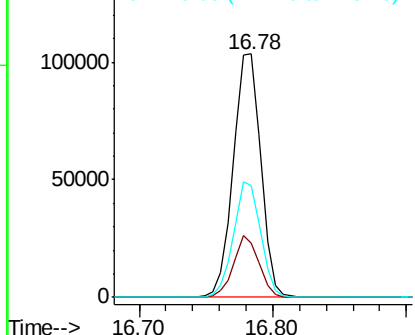
#69
Atrazine
Concen: 43.294 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.5	3.9	43.9
215	45.8	28.8	68.8

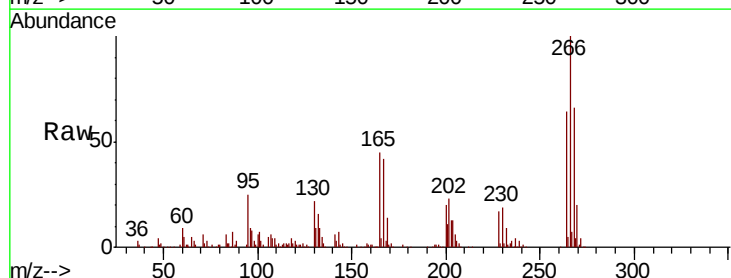


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

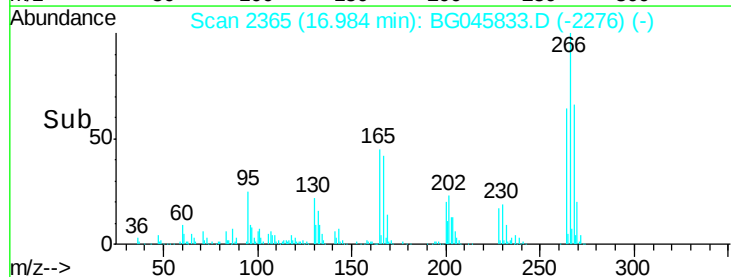
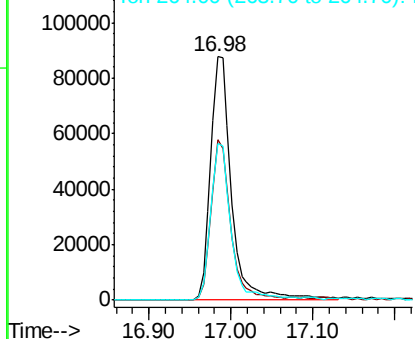


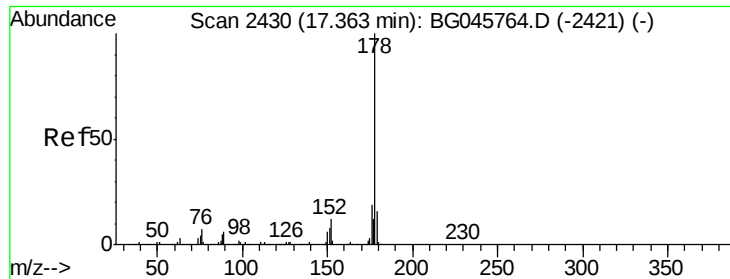
#70
Pentachlorophenol
Concen: 76.444 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	55.4	83.0
264	64.5	49.8	74.6



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

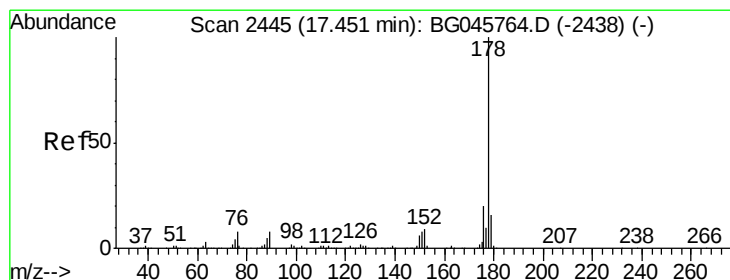
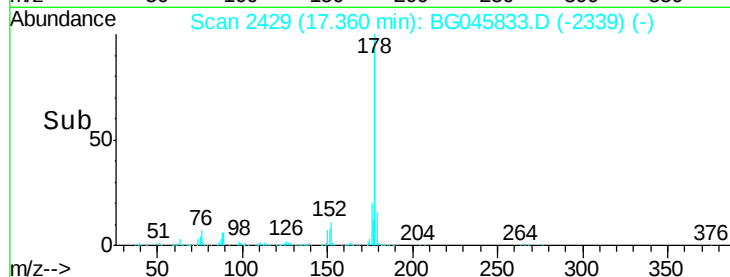
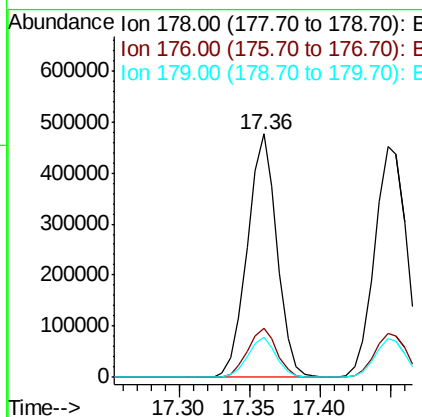
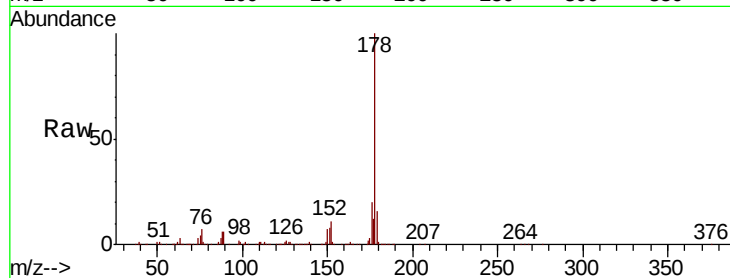




#71
Phenanthrene
Concen: 43.117 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

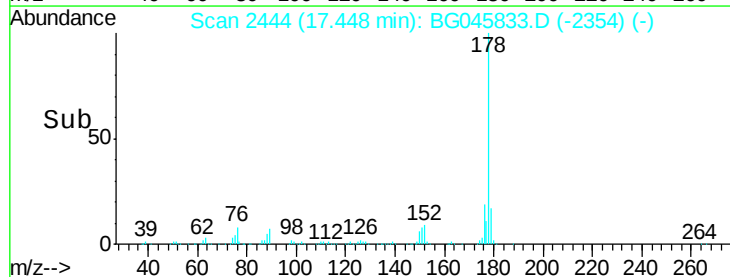
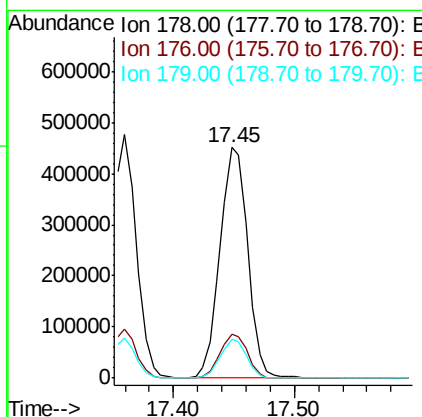
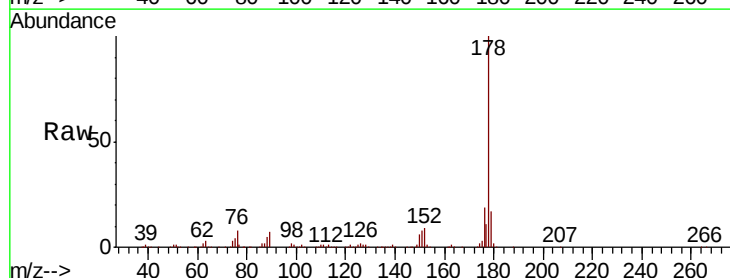
Instrument :
BNA_G
ClientSampleId :
PB129662BS

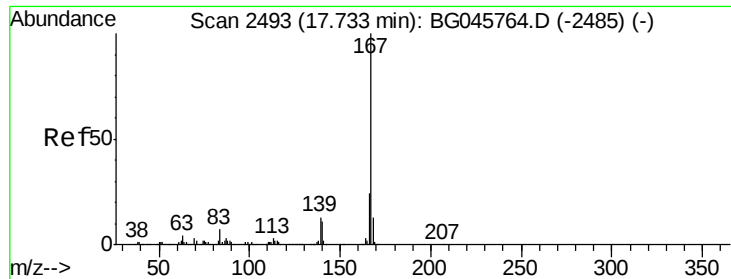
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	16.4	13.2	19.8



#72
Anthracene
Concen: 44.259 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.6	13.1	19.7

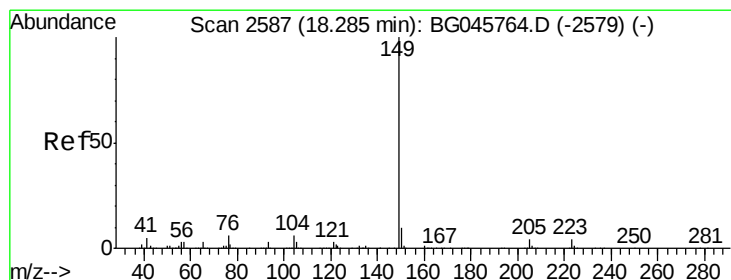
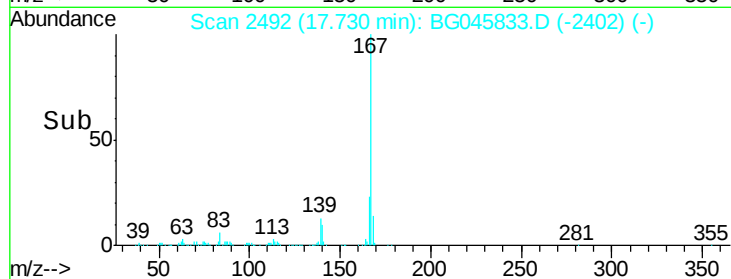
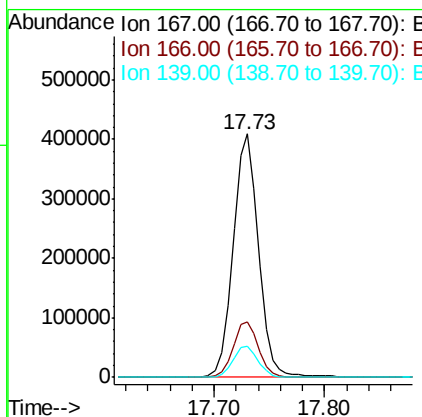
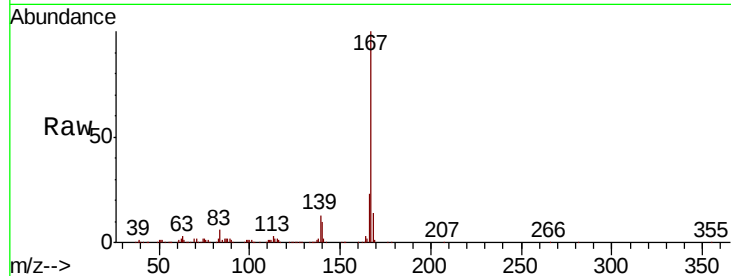




#73
 Carbazole
 Concen: 42.839 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

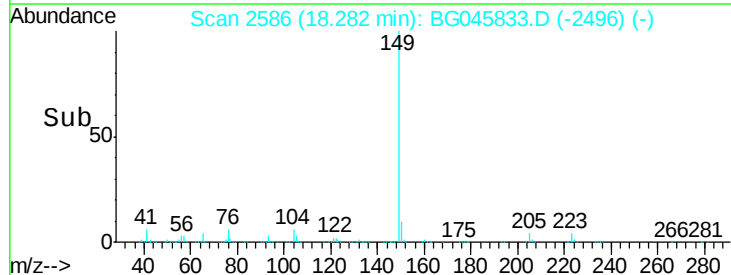
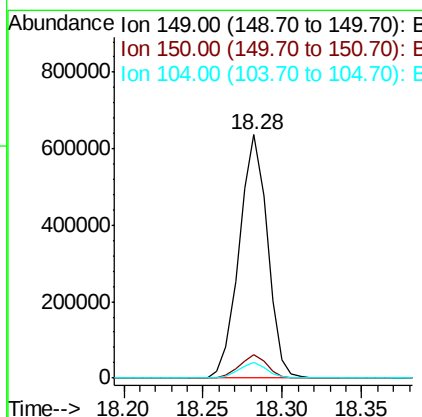
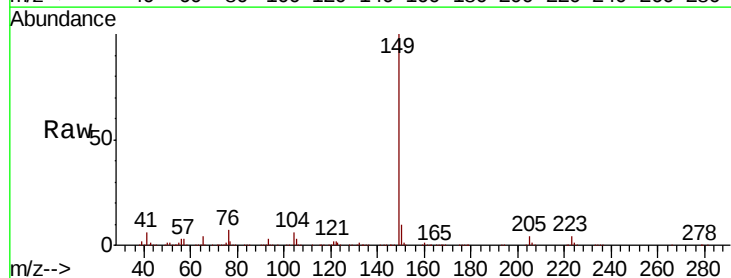
Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

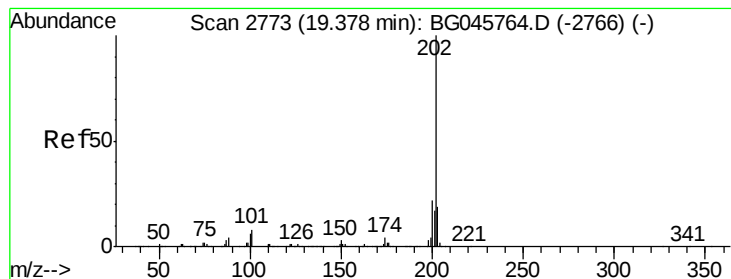
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.9	28.3
139	13.0	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 43.284 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	6.2	5.1	7.7





#75

Fluoranthene

Concen: 44.822 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

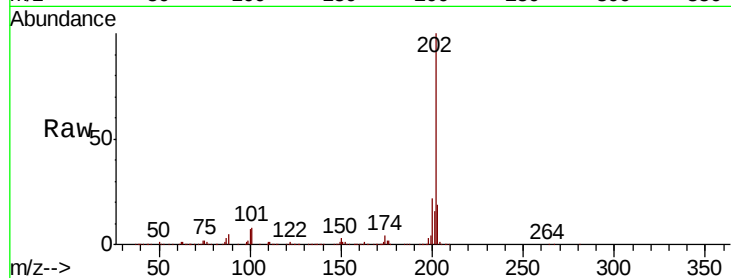
Tot Ion:202 Resp: 892284

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.7

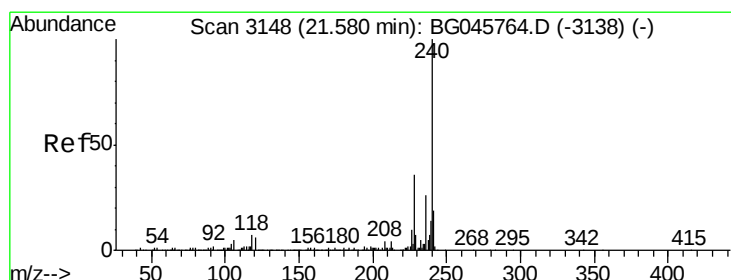
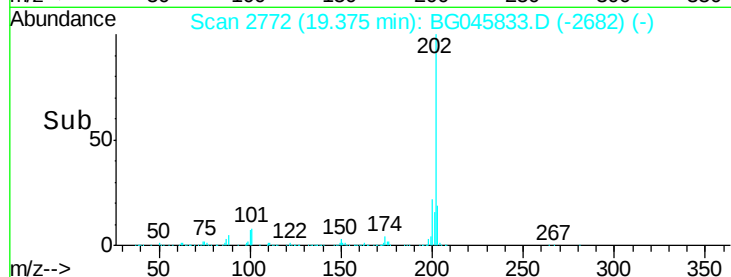
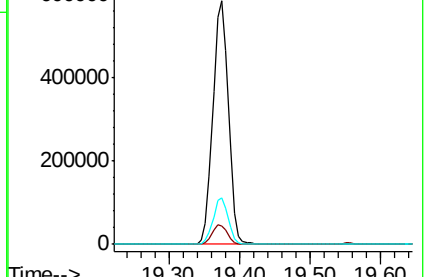
203 19.1 0.0 38.7



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: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

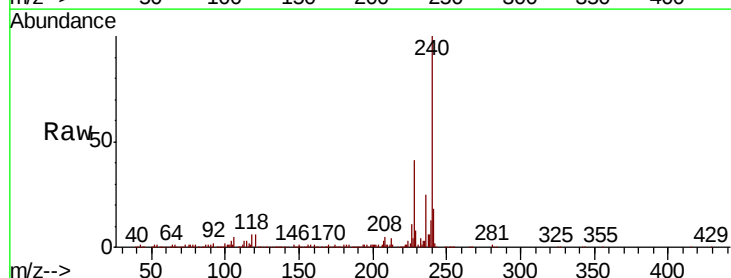
Tgt Ion:240 Resp: 300027

Ion Ratio Lower Upper

240 100

120 6.4 5.0 7.4

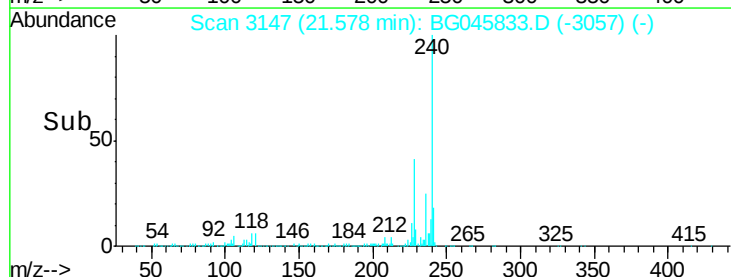
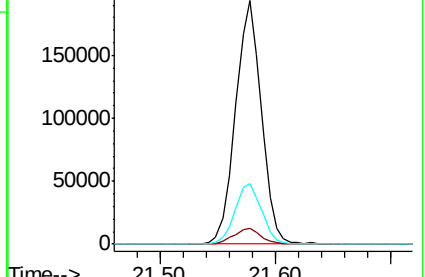
236 24.7 20.6 30.8

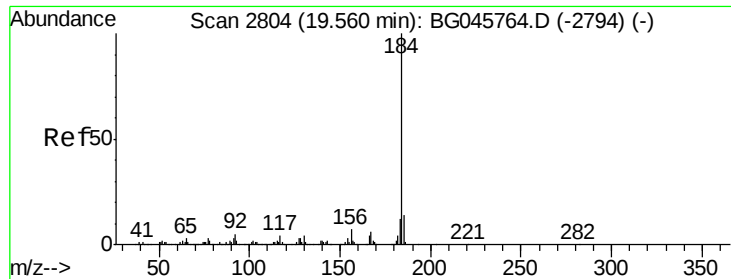


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.324 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

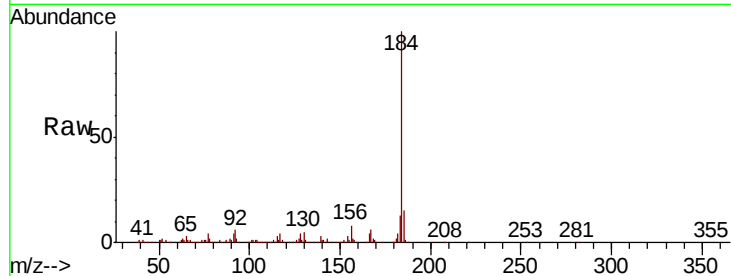
Tot Ion:184 Resp: 540710

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

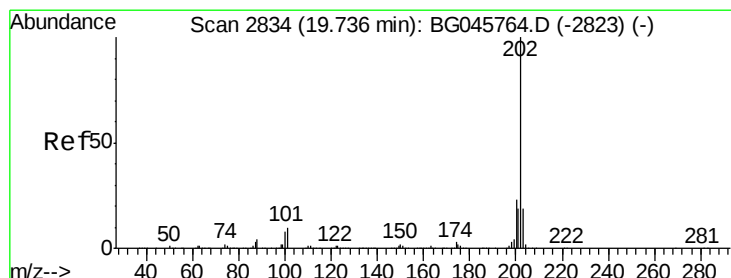
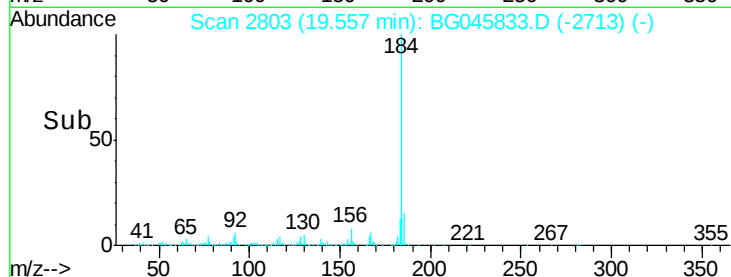
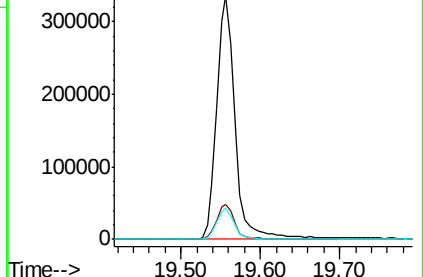
183 12.9 9.7 14.5



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: 43.943 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

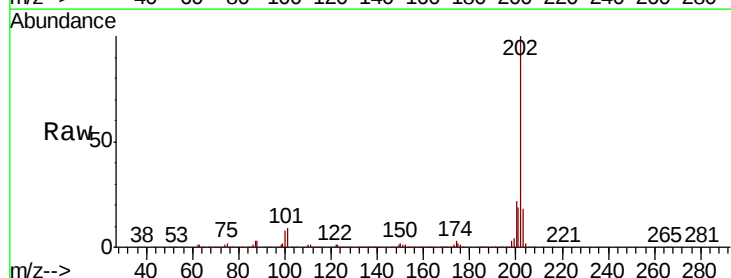
Tgt Ion:202 Resp: 882858

Ion Ratio Lower Upper

202 100

200 21.9 18.2 27.2

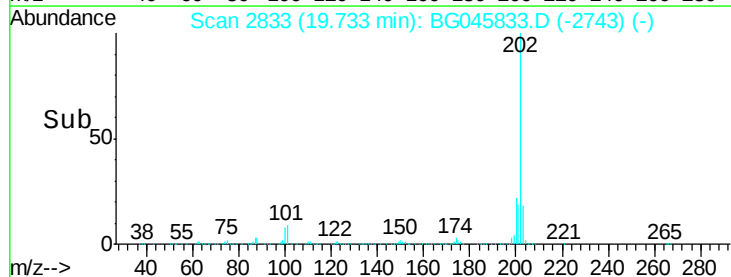
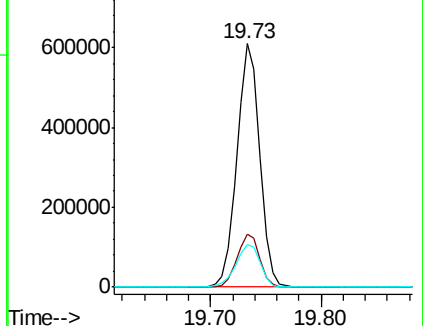
203 17.7 14.8 22.2

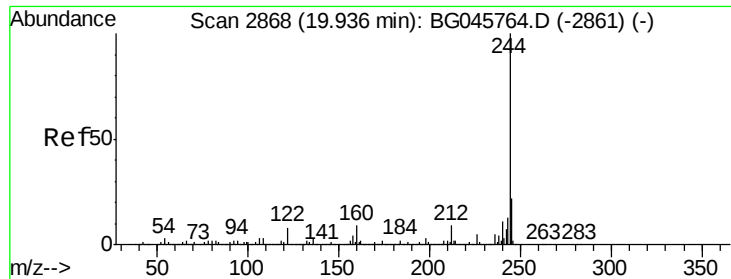


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.600 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

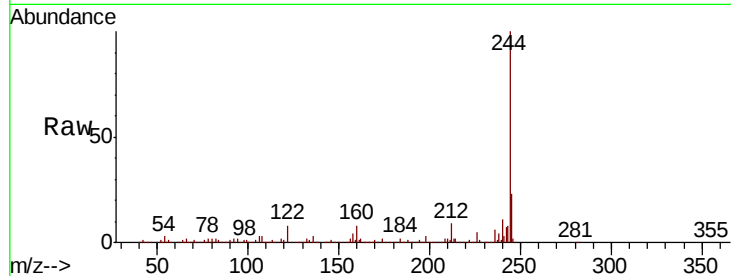
Tot Ion:244 Resp: 1400508

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

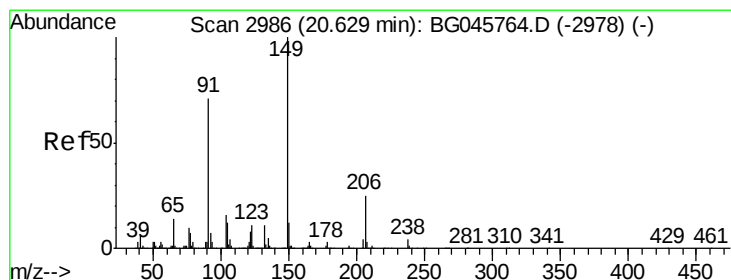
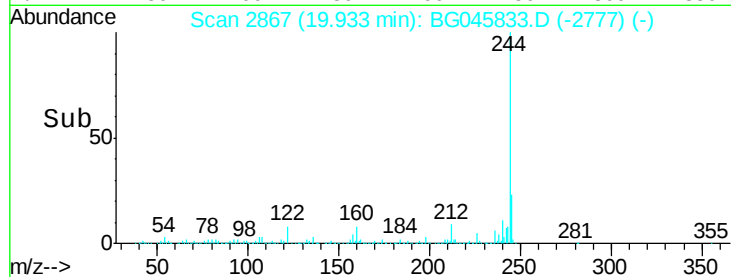
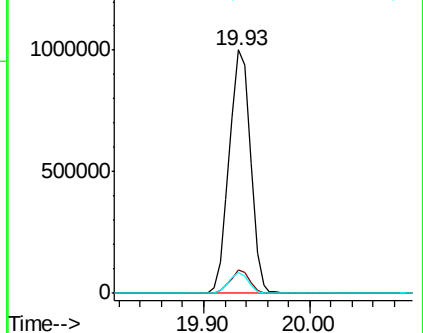
122 8.4 6.4 9.6



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: 42.636 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

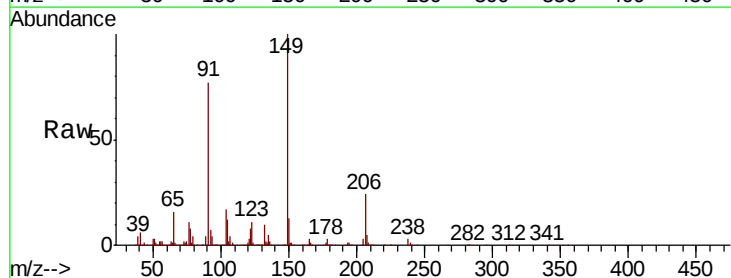
Tgt Ion:149 Resp: 358550

Ion Ratio Lower Upper

149 100

91 76.6 56.4 84.6

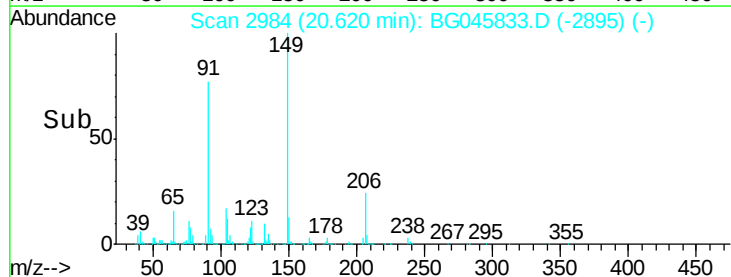
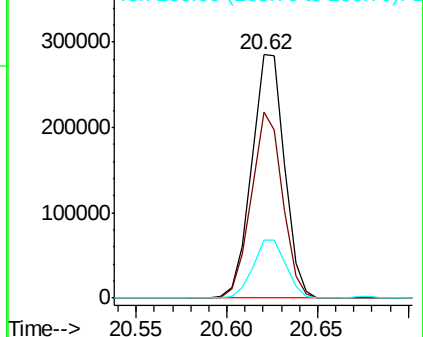
206 23.8 19.8 29.6

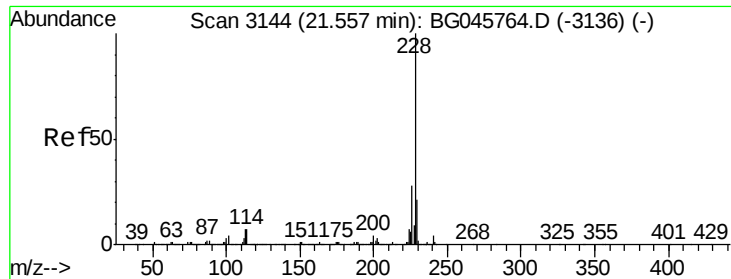


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.380 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

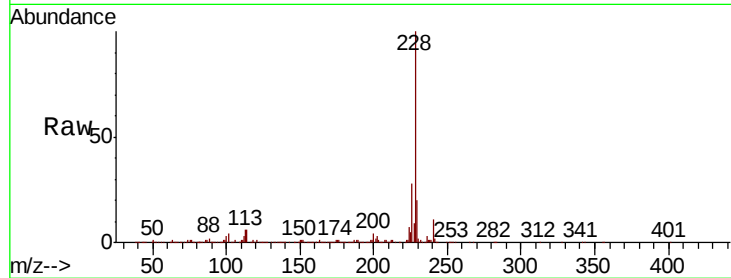
Tot Ion:228 Resp: 843831

Ion Ratio Lower Upper

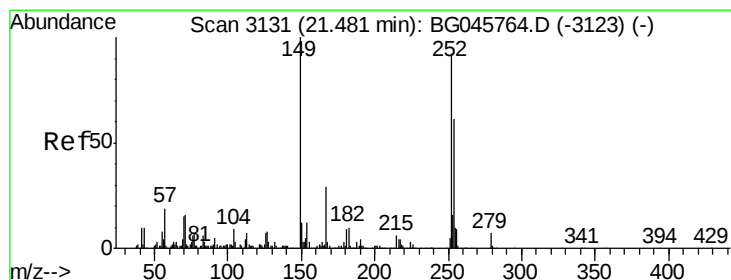
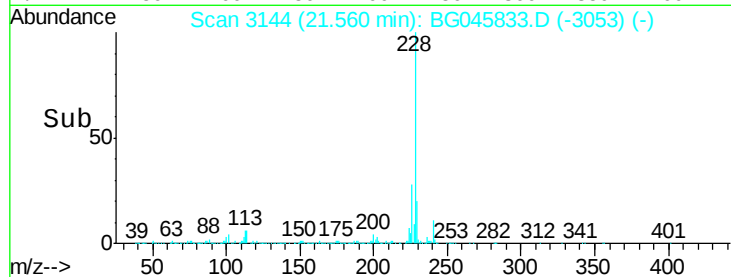
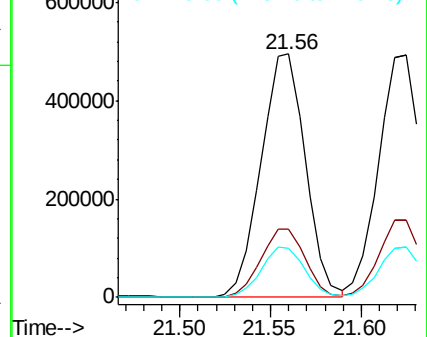
228 100

226 28.0 22.7 34.1

229 20.3 16.6 24.8



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: 38.150 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

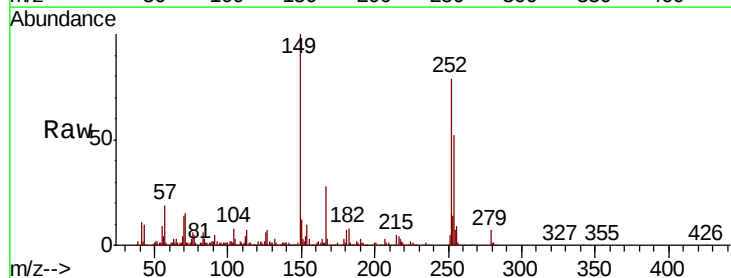
Tgt Ion:252 Resp: 280700

Ion Ratio Lower Upper

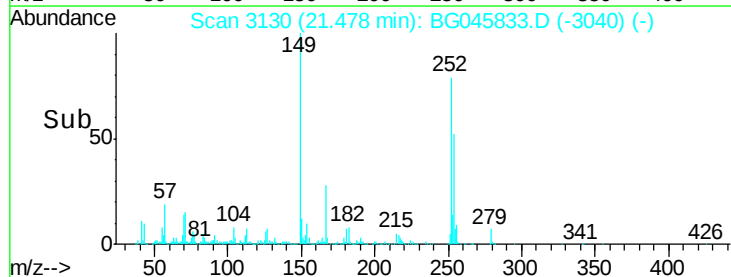
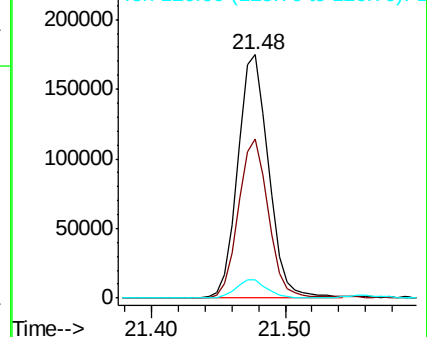
252 100

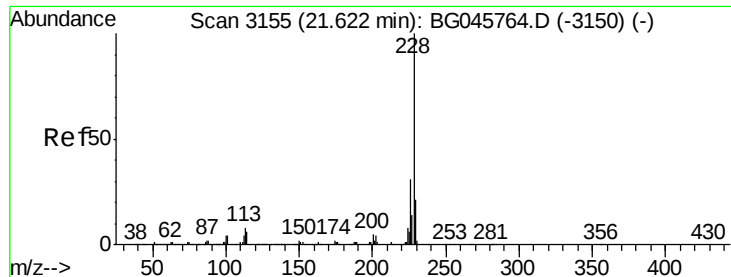
254 65.3 53.4 80.0

126 7.8 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.069 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

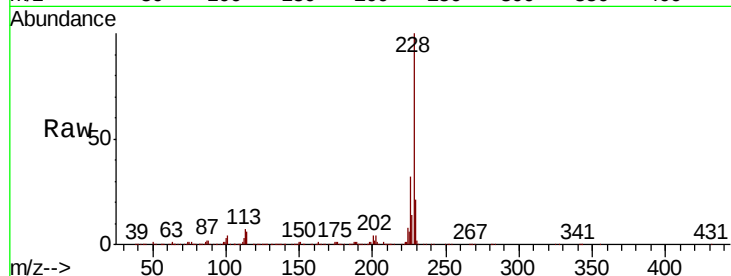
Tot Ion:228 Resp: 810306

Ion Ratio Lower Upper

228 100

226 31.6 25.1 37.7

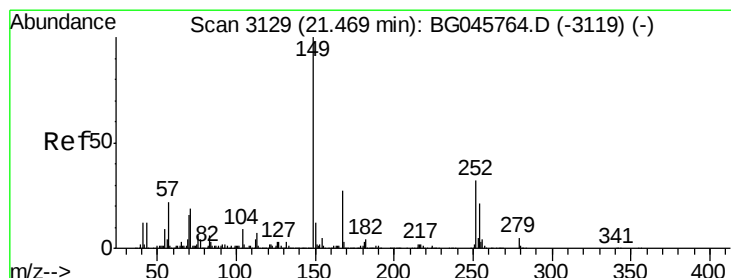
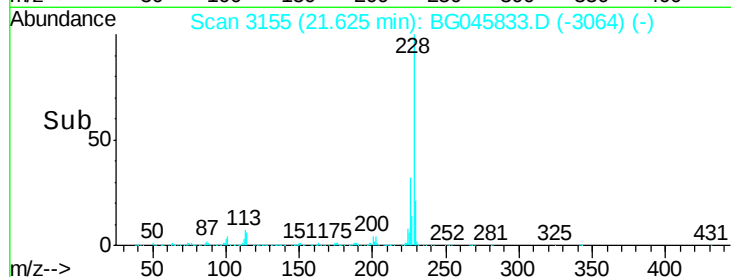
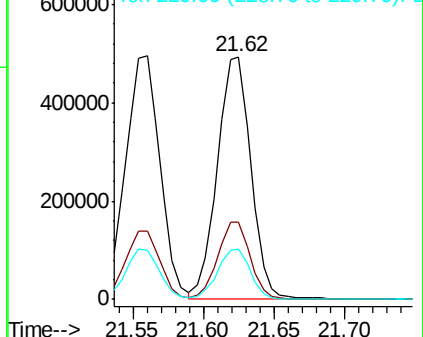
229 20.9 16.4 24.6



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: 43.038 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

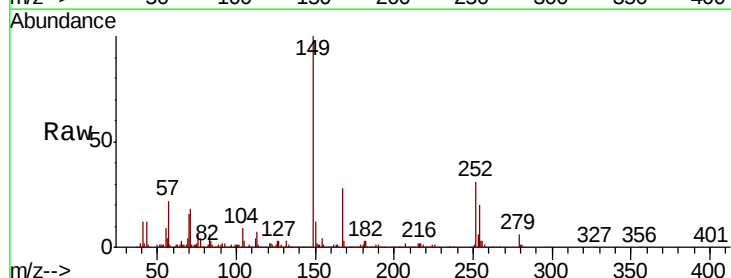
Tgt Ion:149 Resp: 503426

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

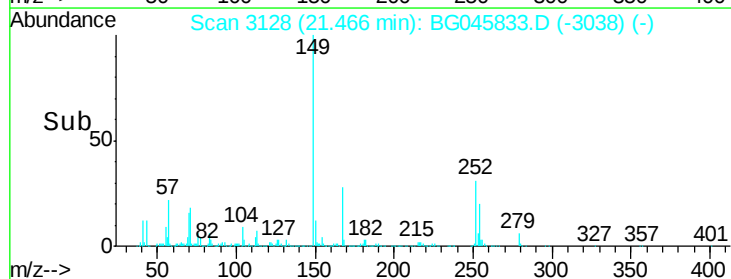
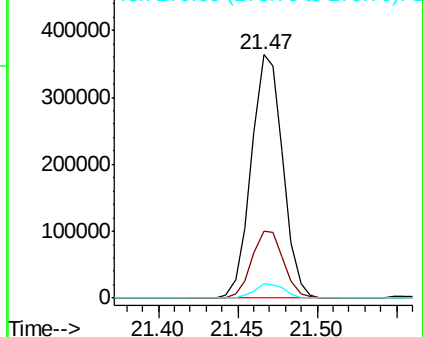
279 6.1 3.7 5.5#

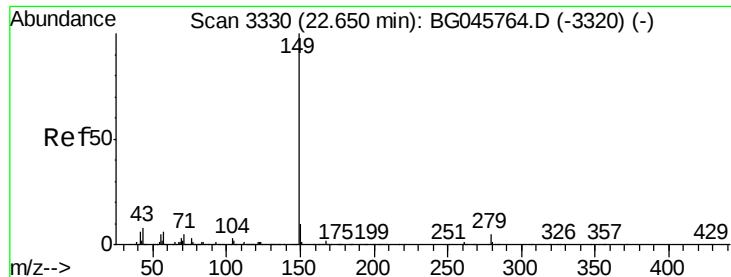


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.978 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

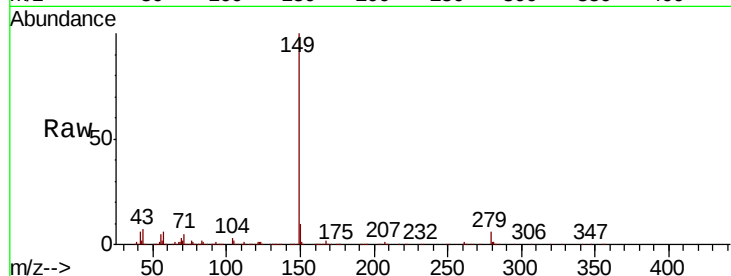
Tot Ion:149 Resp: 867170

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

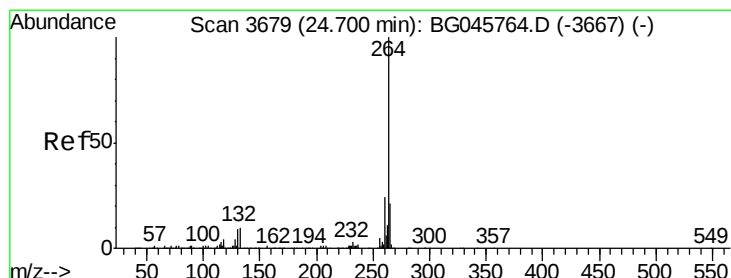
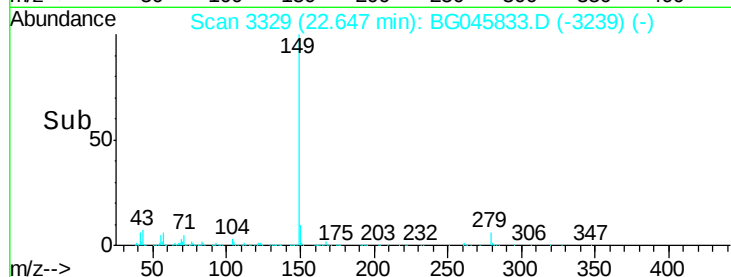
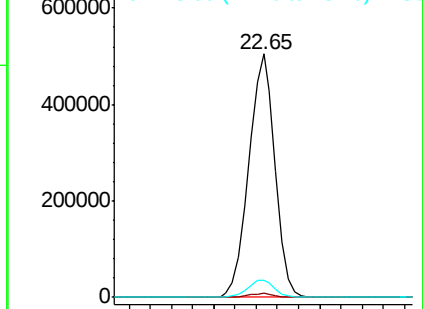
43 7.3 5.9 8.9



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): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

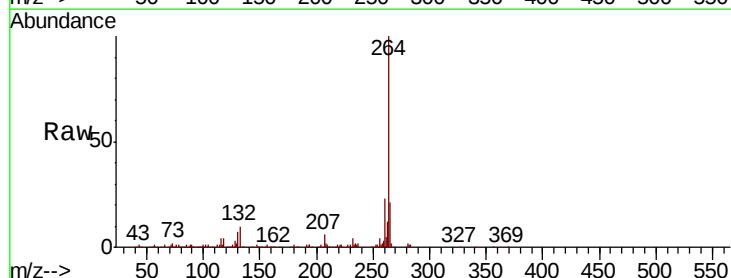
Tgt Ion:264 Resp: 330931

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

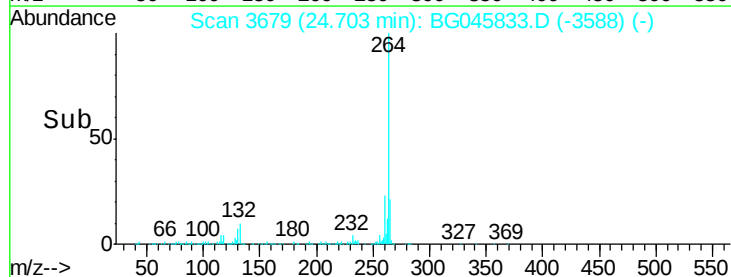
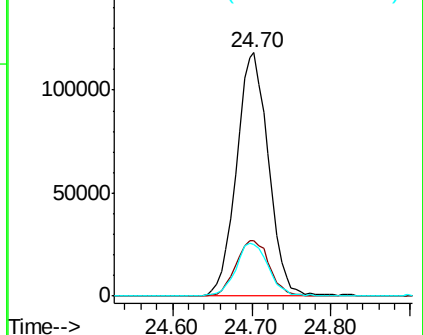
265 21.0 17.4 26.0

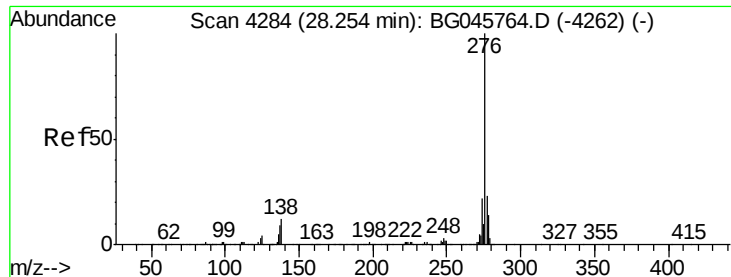


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

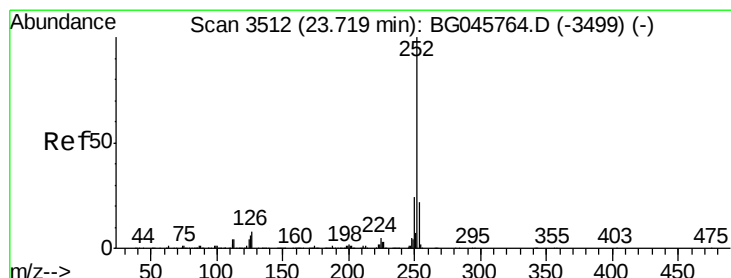
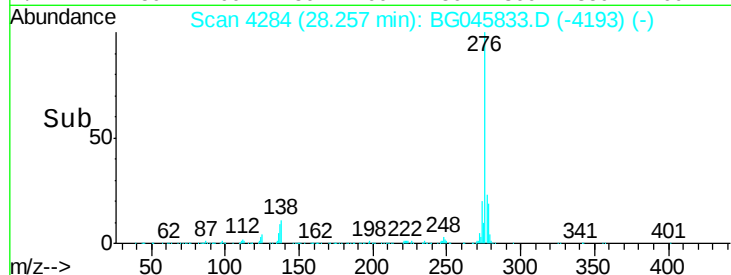
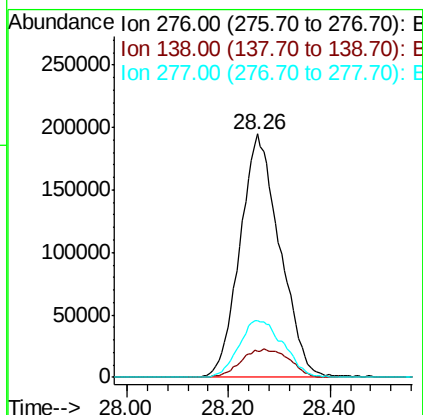
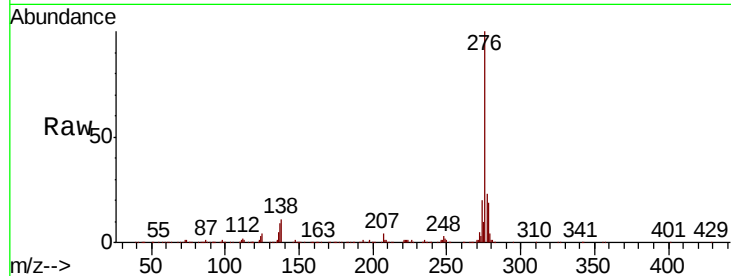




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.266 ng
 RT: 28.26 min Scan# 4284
 Delta R.T. 0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

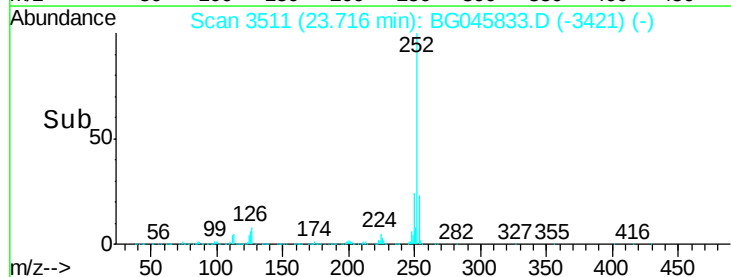
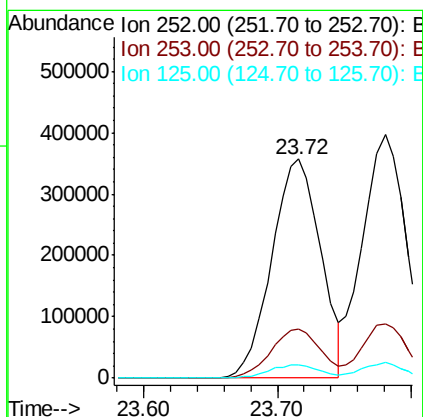
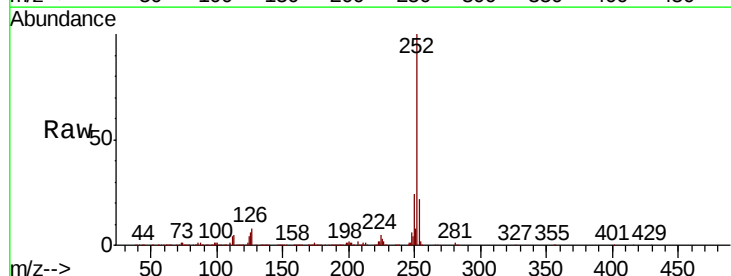
Instrument :
 BNA_G
 ClientSampleId :
 PB129662BS

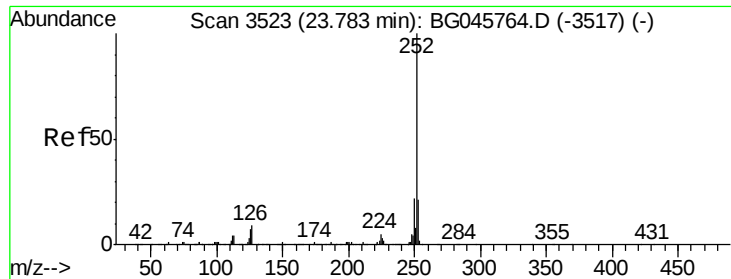
Tot Ion:276 Resp: 1061985
 Ion Ratio Lower Upper
 276 100
 138 14.0 5.4 8.0#
 277 26.1 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 43.715 ng
 RT: 23.72 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045833.D
 Acq: 23 Jun 2020 10:07

Tgt Ion:252 Resp: 907050
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.0
 125 6.1 5.0 7.4





#89

Benzo(k)fluoranthene

Concen: 45.740 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

Instrument :

BNA_G

ClientSampleId :

PB129662BS

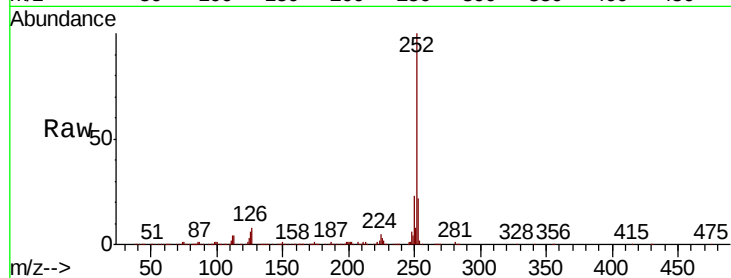
Tot Ion:252 Resp: 908332

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

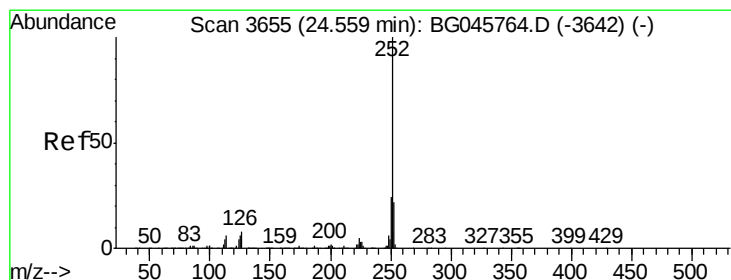
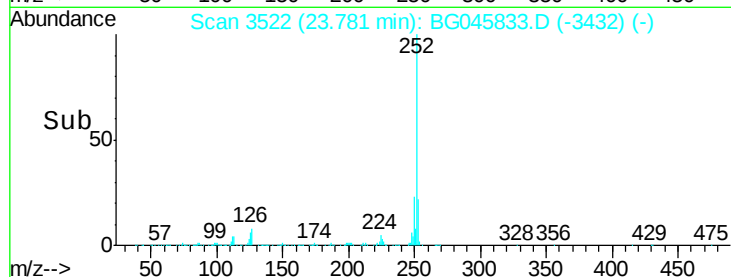
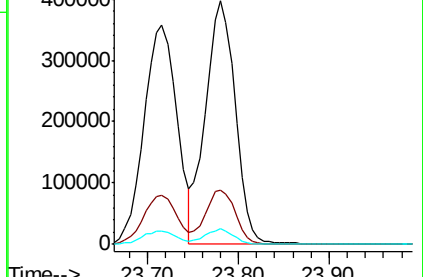
125 6.3 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.704 ng

RT: 24.56 min Scan# 3654

Delta R.T. -0.00 min

Lab File: BG045833.D

Acq: 23 Jun 2020 10:07

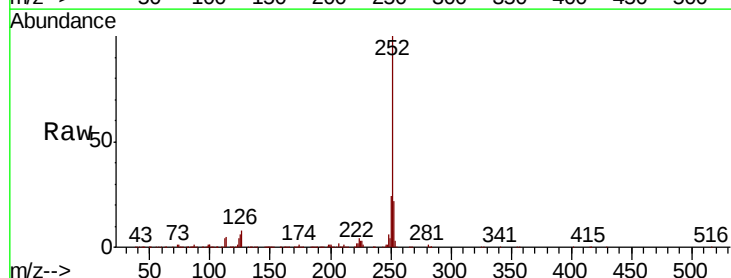
Tgt Ion:252 Resp: 847089

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

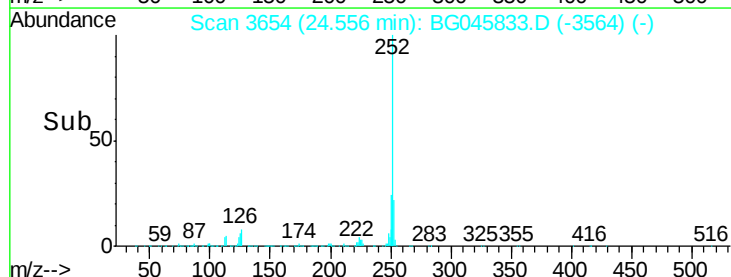
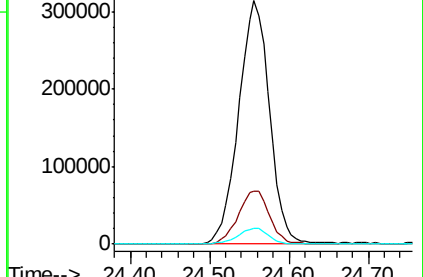
125 6.3 5.0 7.6

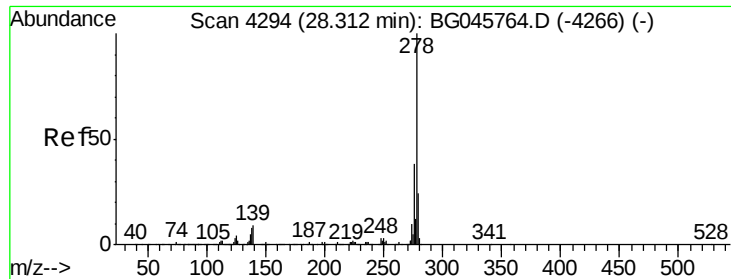


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

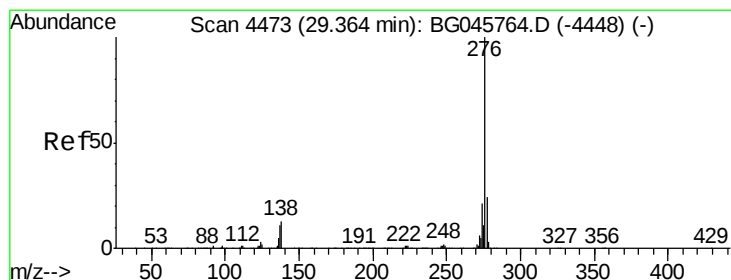
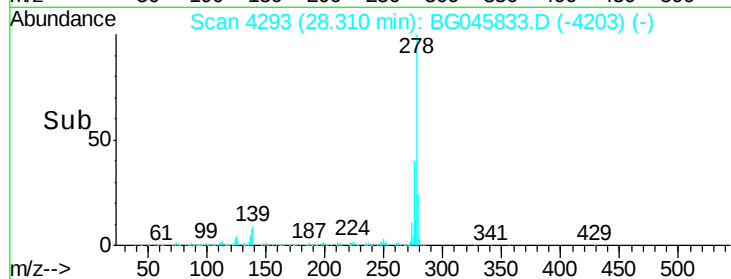
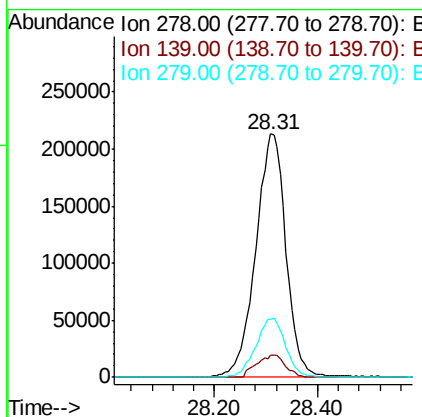
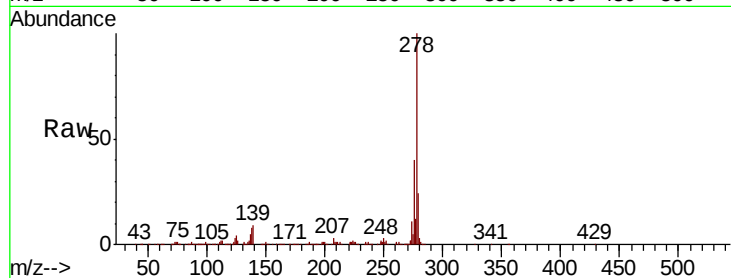




#91
Dibenzo(a,h)anthracene
Concen: 44.982 ng
RT: 28.31 min Scan# 4293
Delta R.T. -0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.3	10.9
279	23.9	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 45.278 ng
RT: 29.37 min Scan# 4473
Delta R.T. 0.00 min
Lab File: BG045833.D
Acq: 23 Jun 2020 10:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	11.3	10.6	15.8

