

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045800.D
 Acq On : 18 Jun 2020 19:41
 Operator : CG/JU
 Sample : PB129622BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

Quant Time: Jun 19 03:31:56 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	7.92	152	52066	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	205185	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	145278	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	343512	20.00	ng	0.00
76) Chrysene-d12	21.58	240	310226	20.00	ng	0.00
86) Perylene-d12	24.71	264	328840	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	445788	144.63	ng	0.00
7) Phenol-d6	7.16	99	630658	134.52	ng	0.00
23) Nitrobenzene-d5	9.08	82	409820	91.24	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	302577	137.95	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	915553	92.61	ng	0.00
79) Terphenyl-d14	19.94	244	1496194	97.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	56319	39.895	ng	99
3) Pyridine	3.77	79	164064	39.219	ng	98
4) n-Nitrosodimethylamine	3.68	42	70547	50.241	ng	# 99
6) Aniline	7.25	93	200640	36.346	ng	98
8) 2-Chlorophenol	7.51	128	173533	52.599	ng	95
9) Benzaldehyde	7.06	77	102509	36.403	ng	97
10) Phenol	7.19	94	233760	51.459	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	157981	45.786	ng	95
12) 1,3-Dichlorobenzene	7.81	146	185387	47.153	ng	99
13) 1,4-Dichlorobenzene	7.96	146	190649	48.547	ng	95
14) 1,2-Dichlorobenzene	8.27	146	176507	46.948	ng	98
15) Benzyl Alcohol	8.18	79	178451	49.186	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	147906	45.483	ng	82
17) 2-Methylphenol	8.42	107	158025	46.743	ng	98
18) Hexachloroethane	9.00	117	73298	49.143	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	147068	47.714	ng	99
20) 3+4-Methylphenols	8.75	107	206617	46.471	ng	# 68
22) Acetophenone	8.75	105	262616	46.632	ng	# 97
24) Nitrobenzene	9.12	77	222326	46.425	ng	99
25) Isophorone	9.65	82	397935	45.766	ng	98
26) 2-Nitrophenol	9.84	139	96627	48.431	ng	91
27) 2,4-Dimethylphenol	9.93	122	158782	52.126	ng	94
28) bis(2-Chloroethoxy)methane	10.13	93	220761	48.606	ng	98
29) 2,4-Dichlorophenol	10.41	162	177656	49.989	ng	94
30) 1,2,4-Trichlorobenzene	10.59	180	195763	46.530	ng	96
31) Naphthalene	10.77	128	529448	47.197	ng	98
32) Benzoic acid	10.15	122	101900	50.912	ng	# 89
33) 4-Chloroaniline	10.90	127	99587	21.199	ng	97
34) Hexachlorobutadiene	11.07	225	139574	46.647	ng	99
35) Caprolactam	11.67	113	34292	29.818	ng	94
36) 4-Chloro-3-methylphenol	12.07	107	209110	50.961	ng	99
37) 2-Methylnaphthalene	12.39	142	400349	47.927	ng	98
38) 1-Methylnaphthalene	12.61	142	386475	48.891	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	229208	47.915	ng	99

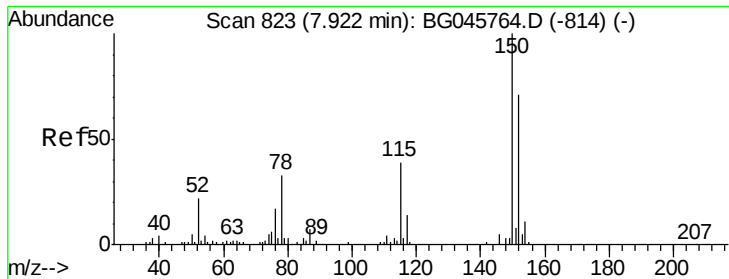
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045800.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	268112	99.208	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	159021	49.030	ng	97
44) 2,4,5-Trichlorophenol	13.11	196	164798	44.582	ng	94
46) 1,1'-Biphenyl	13.40	154	508406	48.880	ng	99
47) 2-Chloronaphthalene	13.44	162	396021	47.135	ng	97
48) 2-Nitroaniline	13.66	65	132779	47.510	ng	97
49) Acenaphthylene	14.29	152	645111	47.937	ng	100
50) Dimethylphthalate	14.03	163	542470	47.664	ng	98
51) 2,6-Dinitrotoluene	14.15	165	125350	49.037	ng	97
52) Acenaphthene	14.63	154	387250	47.473	ng	97
53) 3-Nitroaniline	14.49	138	70538	27.627	ng	97
54) 2,4-Dinitrophenol	14.70	184	141865	97.351	ng	97
55) Dibenzofuran	14.97	168	632459	47.727	ng	98
56) 4-Nitrophenol	14.87	139	166764	90.608	ng	98
57) 2,4-Dinitrotoluene	14.94	165	175013	47.785	ng	# 99
58) Fluorene	15.62	166	533537	48.419	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	159831	49.818	ng	97
60) Diethylphthalate	15.39	149	558095	47.969	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	293770	46.256	ng	99
62) 4-Nitroaniline	15.66	138	116314	44.388	ng	94
63) Azobenzene	15.90	77	542824	48.591	ng	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	110422	52.015	ng	98
66) n-Nitrosodiphenylamine	15.83	169	466629	47.959	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	204684	45.857	ng	99
68) Hexachlorobenzene	16.63	284	220140	47.563	ng	96
69) Atrazine	16.78	200	175731	46.545	ng	98
70) Pentachlorophenol	16.99	266	214030	92.452	ng	95
71) Phenanthrene	17.36	178	832172	46.972	ng	99
72) Anthracene	17.45	178	855601	48.498	ng	100
73) Carbazole	17.73	167	778730	46.358	ng	98
74) Di-n-butylphthalate	18.28	149	925968	46.555	ng	99
75) Fluoranthene	19.37	202	1025648	47.080	ng	98
77) Benzidine	19.56	184	350944	43.515	ng	99
78) Pyrene	19.73	202	1004134	48.336	ng	99
80) Butylbenzylphthalate	20.63	149	417591	48.024	ng	98
81) Benzo(a)anthracene	21.56	228	958412	47.651	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	244553	32.144	ng	99
83) Chrysene	21.62	228	924567	47.526	ng	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	576888	47.697	ng	# 99
85) Di-n-octyl phthalate	22.65	149	954138	45.734	ng	100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1182185	49.589	ng	99
88) Benzo(b)fluoranthene	23.72	252	1022109	49.574	ng	97
89) Benzo(k)fluoranthene	23.79	252	965954	48.951	ng	98
90) Benzo(a)pyrene	24.56	252	922034	47.873	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	967700	50.620	ng	97
92) Benzo(g,h,i)perylene	29.37	276	967699	50.574	ng	98

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

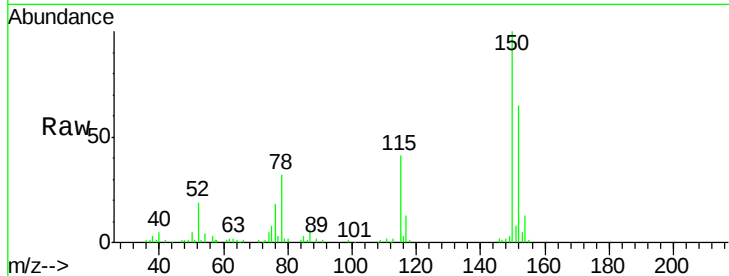


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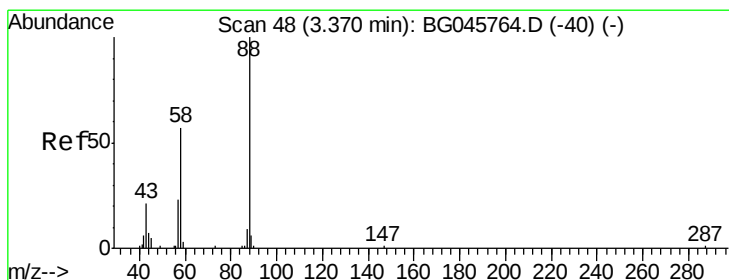
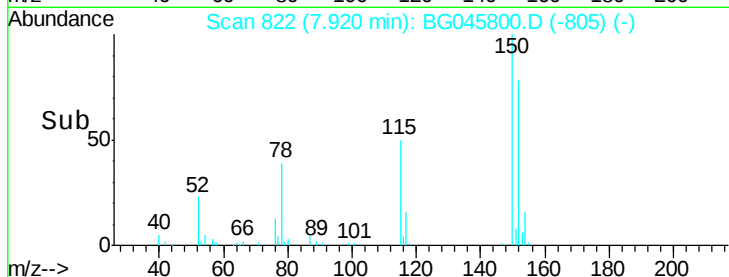
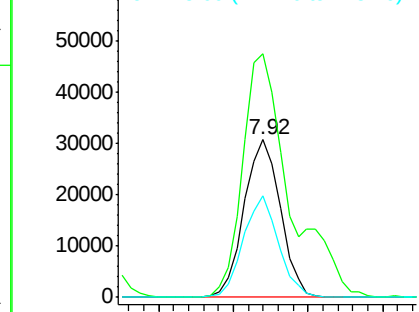
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion:152 Resp: 52066
Ion Ratio Lower Upper
152 100
150 154.6 113.1 169.7
115 64.1 43.8 65.6



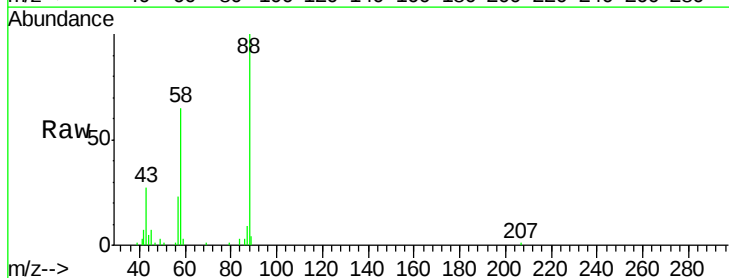
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



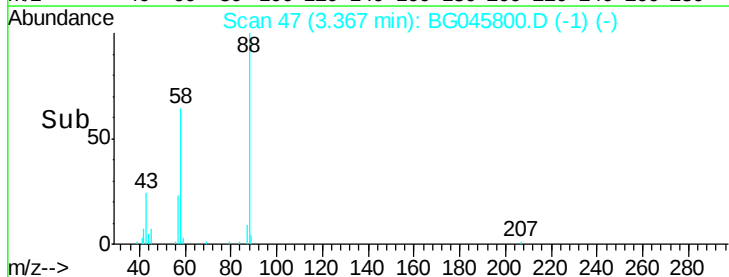
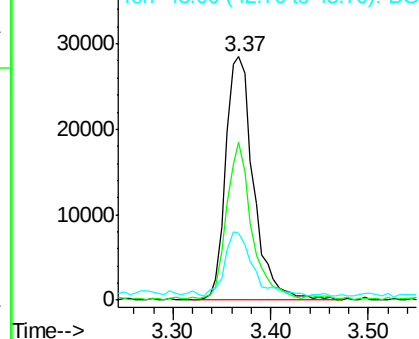
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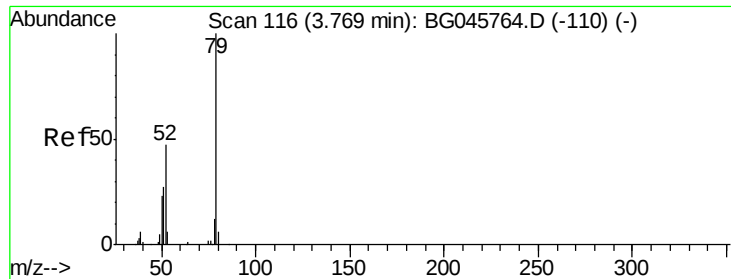
1,4-Dioxane
Concen: 39.895 ng
RT: 3.37 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion: 88 Resp: 56319
Ion Ratio Lower Upper
88 100
58 57.7 46.1 69.1
43 25.7 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: 39.219 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

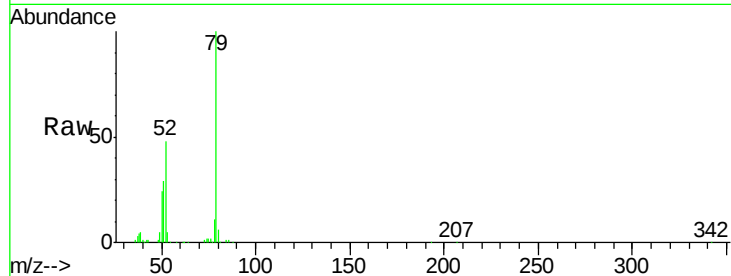
Tot Ion: 79 Resp: 164064

Ion Ratio Lower Upper

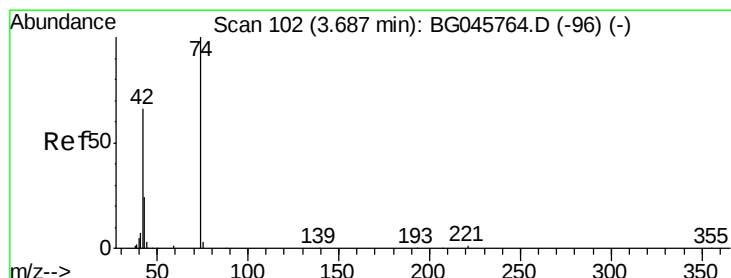
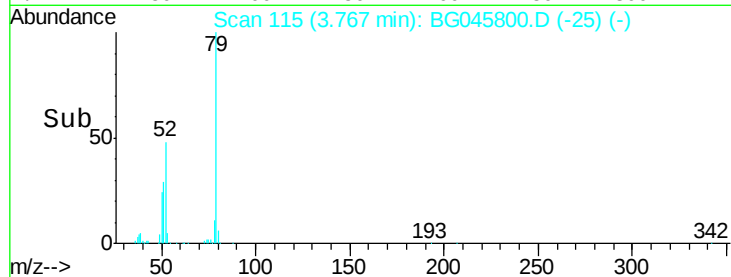
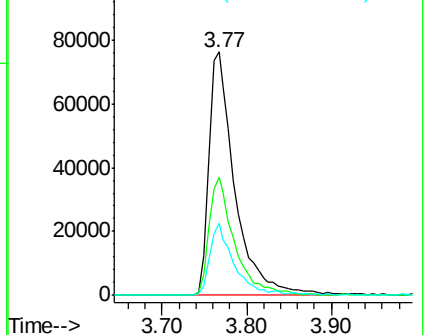
79 100

52 48.4 37.9 56.9

51 29.4 22.0 33.0



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



#4

n-Nitrosodimethylamine

Concen: 50.241 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

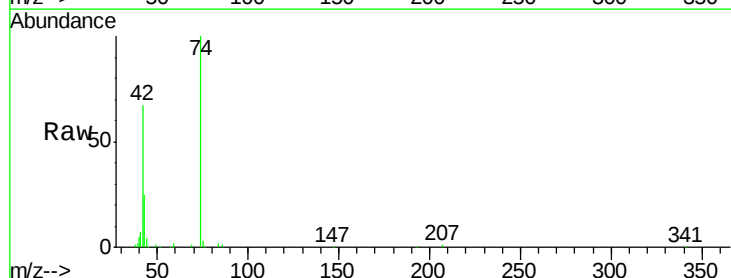
Tgt Ion: 42 Resp: 70547

Ion Ratio Lower Upper

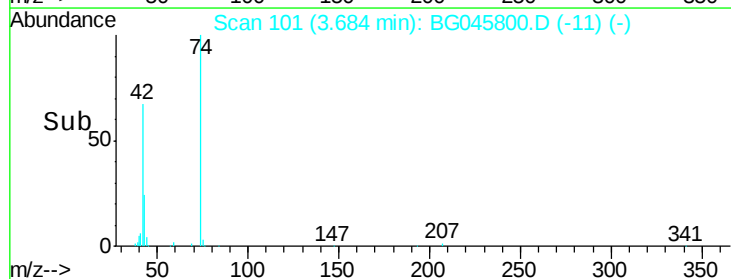
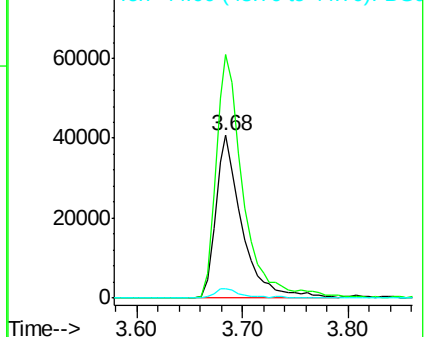
42 100

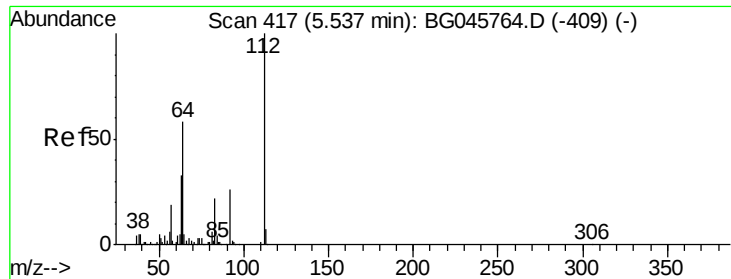
74 149.8 121.0 181.4

44 5.9 3.5 5.3#



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





#5

2-Fluorophenol

Concen: 144.632 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

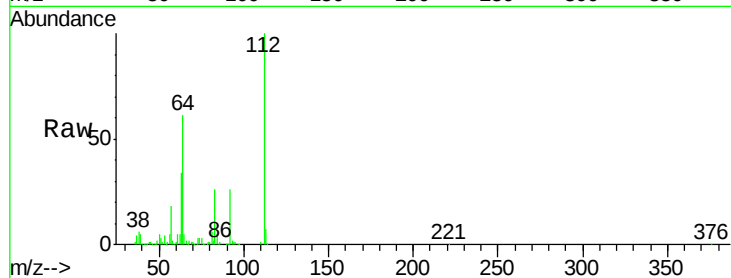
Tot Ion:112 Resp: 445788

Ion Ratio Lower Upper

112 100

64 61.1 46.6 69.8

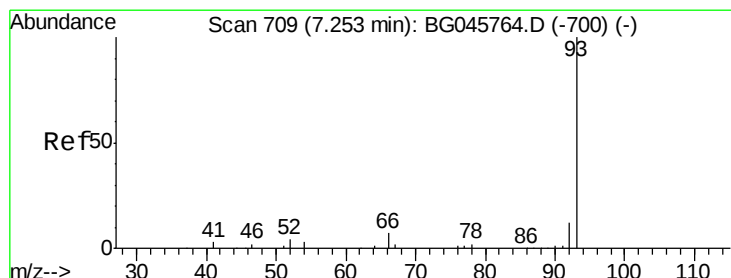
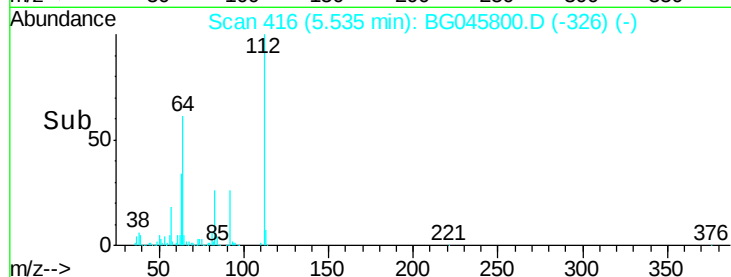
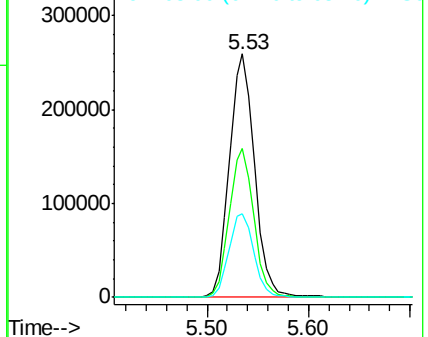
63 34.4 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.346 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

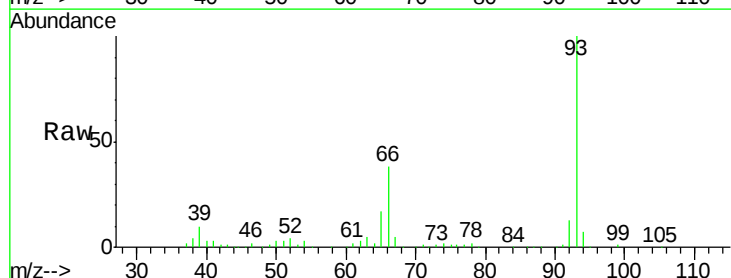
Tgt Ion: 93 Resp: 200640

Ion Ratio Lower Upper

93 100

66 38.2 30.0 45.0

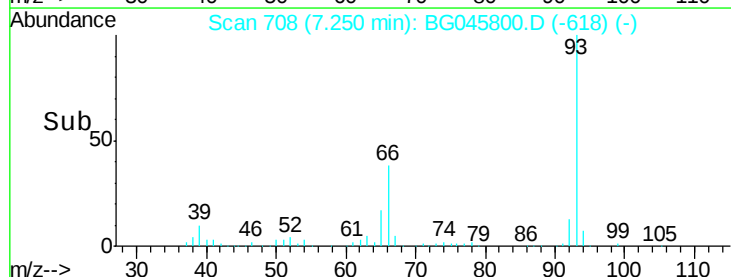
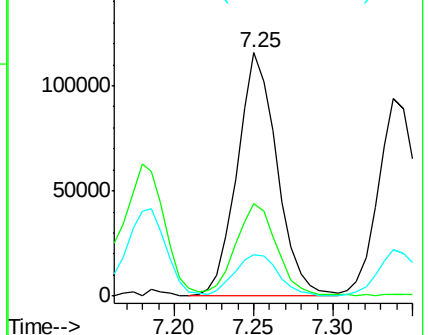
65 17.2 14.7 22.1

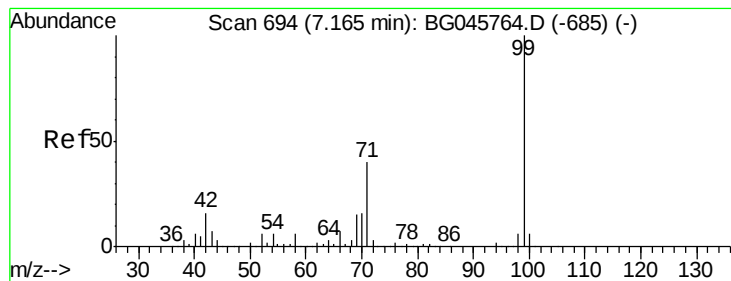


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.517 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

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ClientSampleId :

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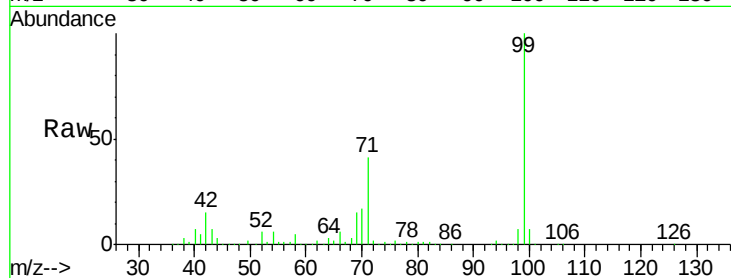
Tot Ion: 99 Resp: 630658

Ion Ratio Lower Upper

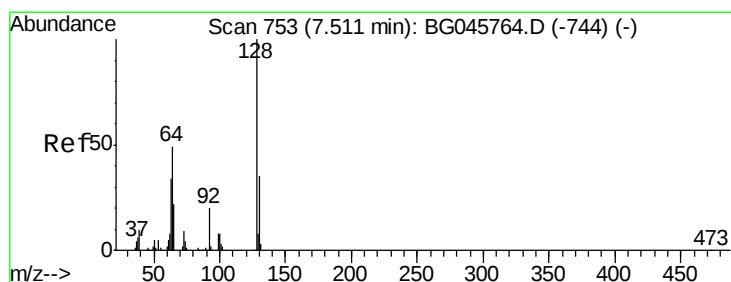
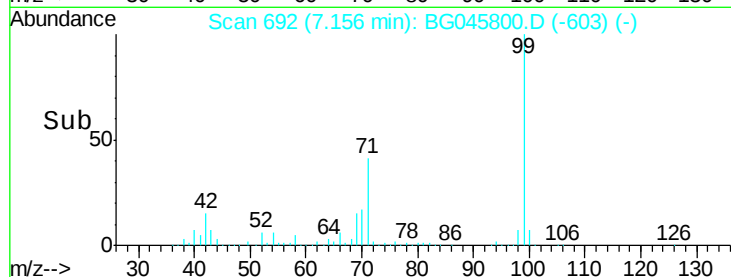
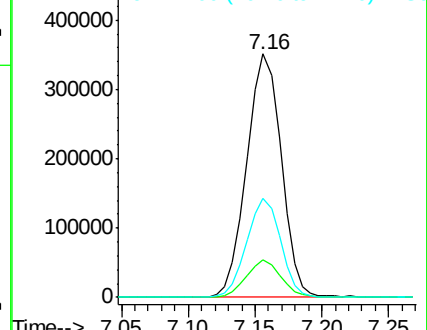
99 100

42 15.3 12.4 18.6

71 40.6 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: 52.599 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

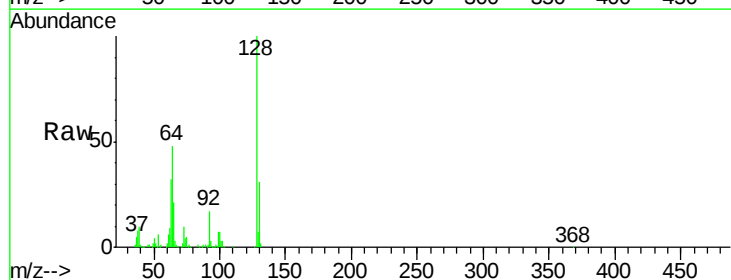
Tgt Ion:128 Resp: 173533

Ion Ratio Lower Upper

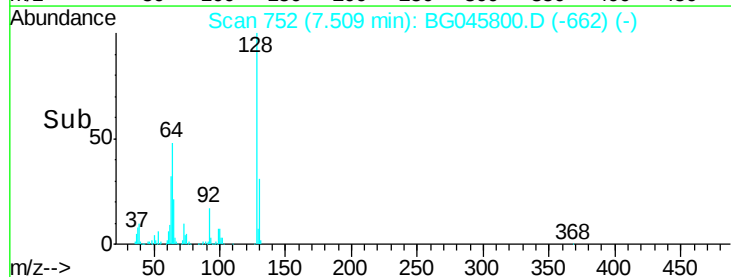
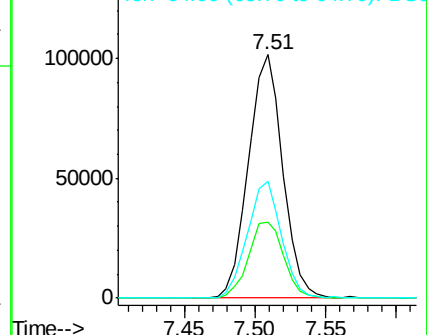
128 100

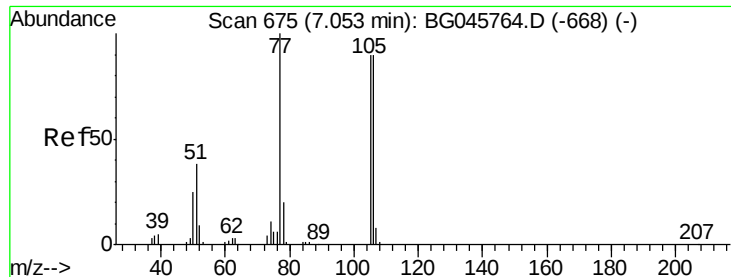
130 31.4 14.5 54.5

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: 36.403 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

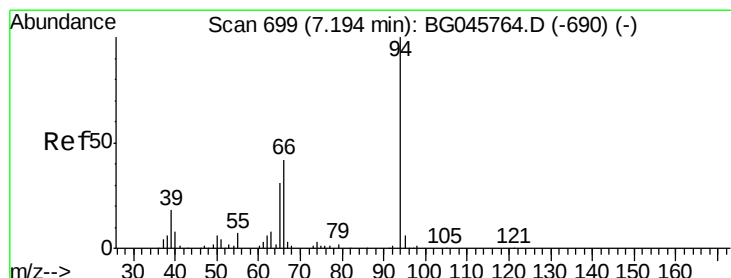
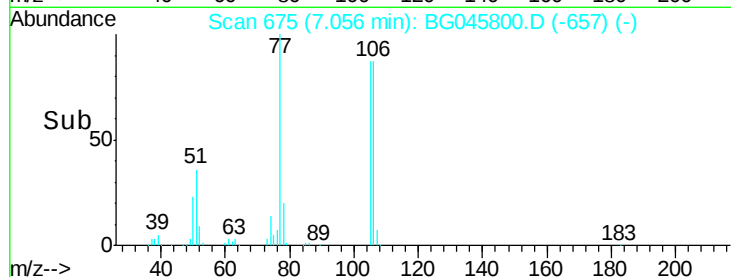
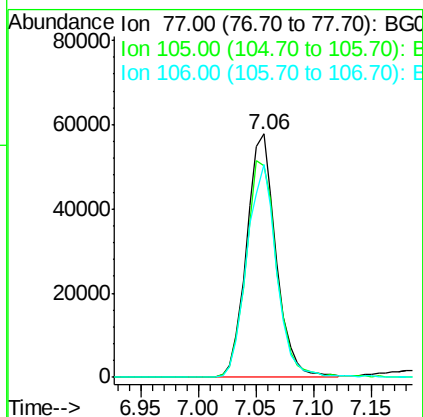
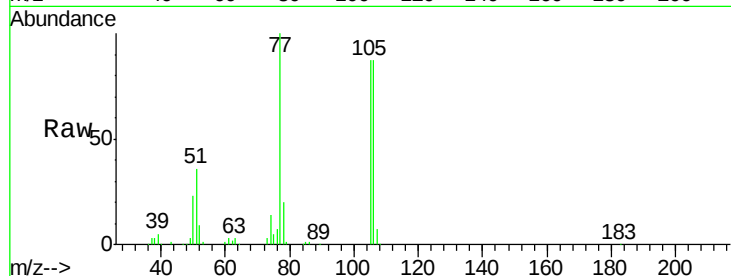
Tot Ion: 77 Resp: 102509

Ion Ratio Lower Upper

77 100

105 86.8 70.4 110.4

106 87.3 70.2 110.2



#10

Phenol

Concen: 51.459 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

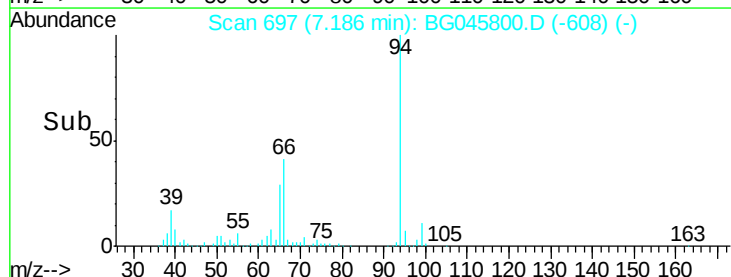
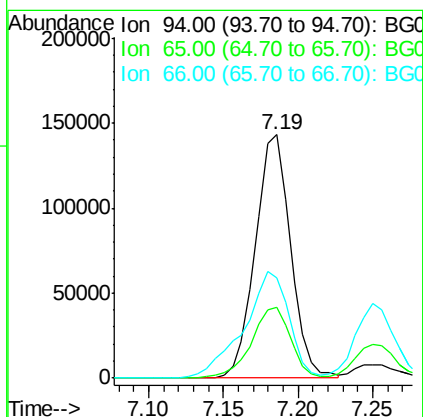
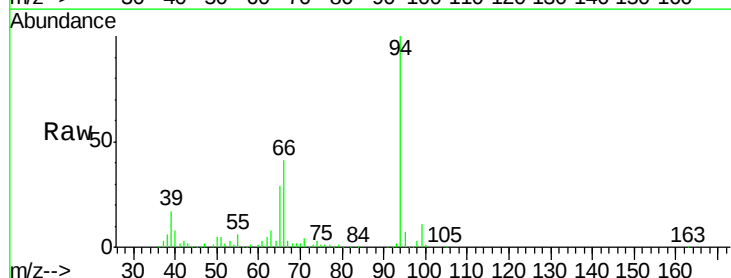
Tgt Ion: 94 Resp: 233760

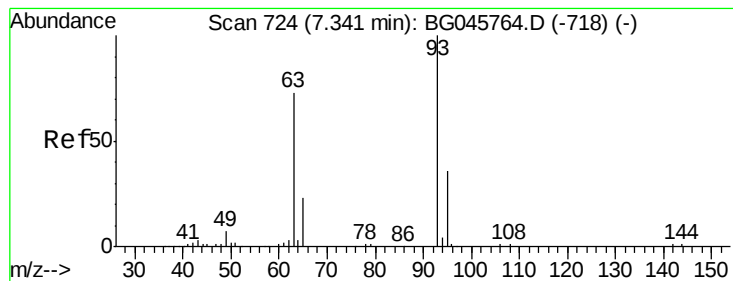
Ion Ratio Lower Upper

94 100

65 29.2 10.7 50.7

66 41.3 22.5 62.5

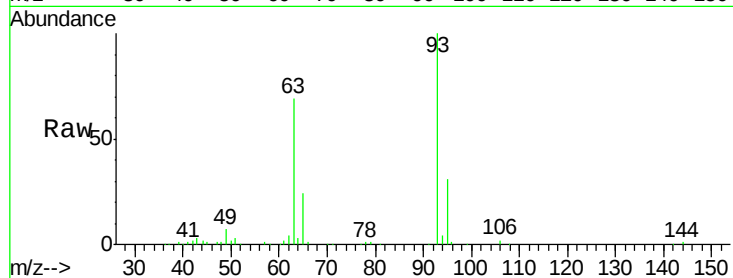




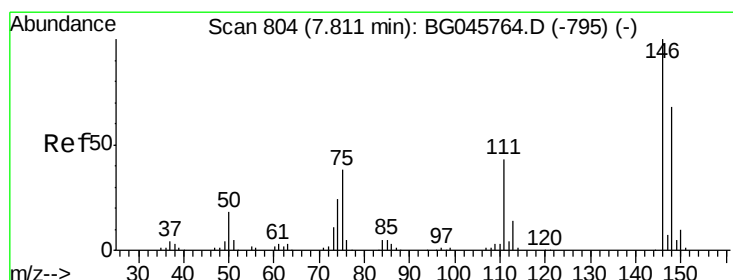
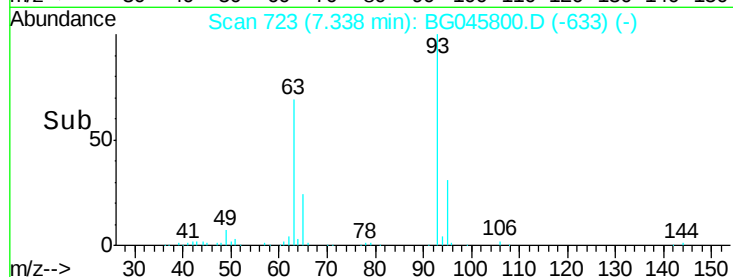
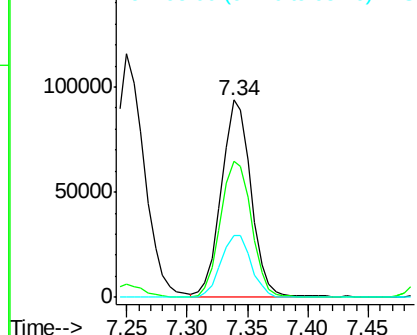
#11
bis(2-Chloroethyl)ether
Concen: 45.786 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion: 93 Resp: 157981
Ion Ratio Lower Upper
93 100
63 68.8 52.0 92.0
95 31.2 15.6 55.6

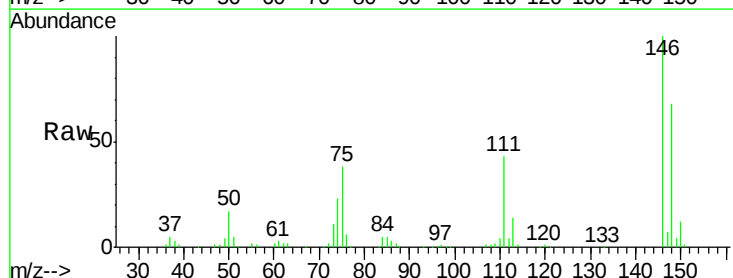


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

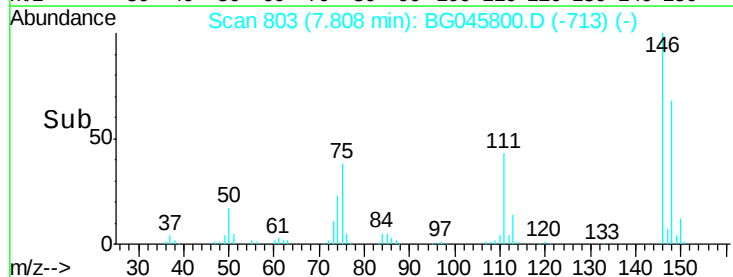
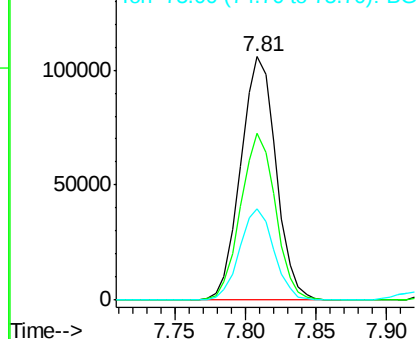


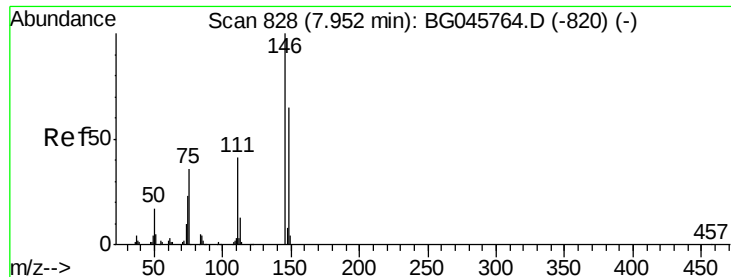
#12
1,3-Dichlorobenzene
Concen: 47.153 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion: 146 Resp: 185387
Ion Ratio Lower Upper
146 100
148 68.5 54.2 81.4
75 37.5 30.1 45.1



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

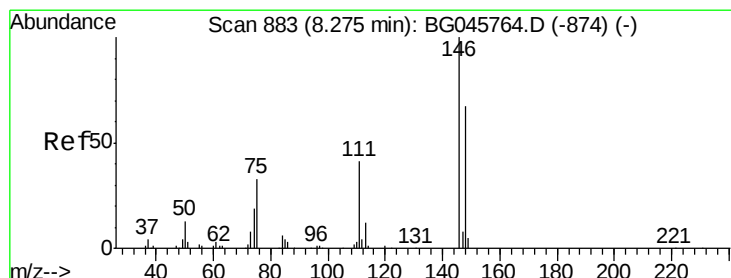
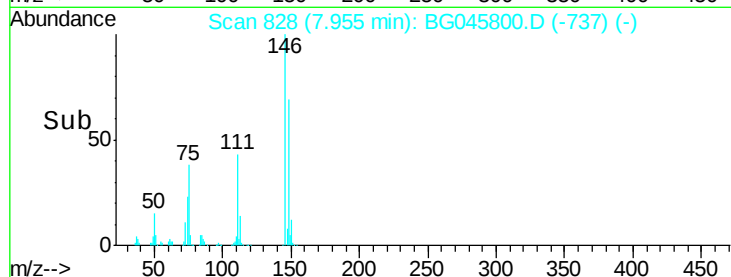
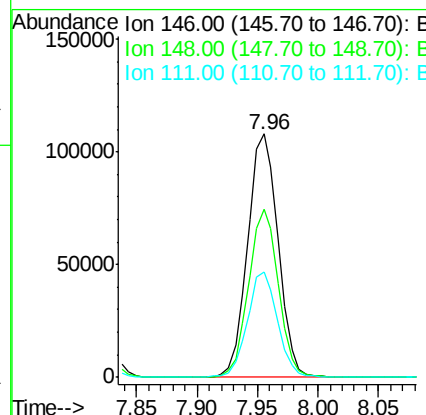
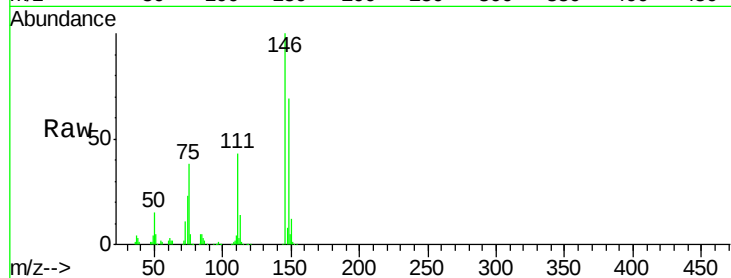




#13
 1,4-Dichlorobenzene
 Concen: 48.547 ng
 RT: 7.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

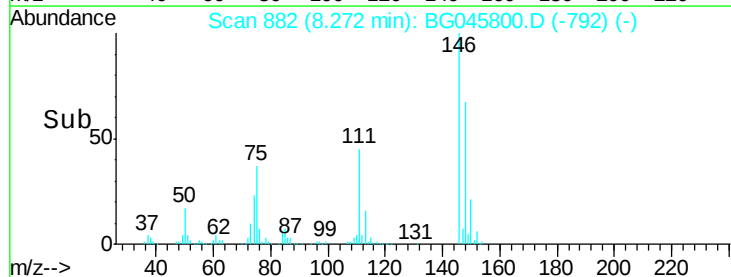
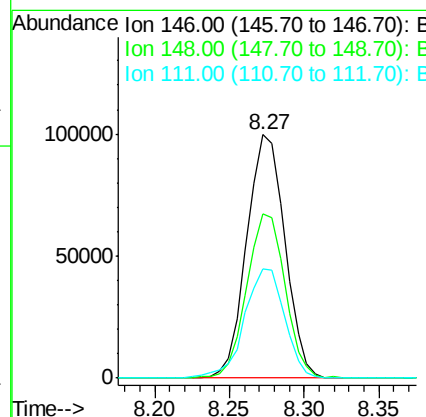
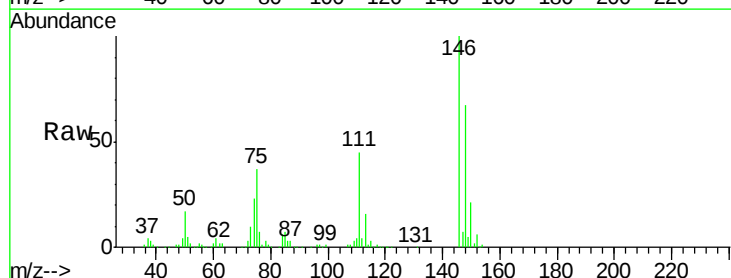
Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

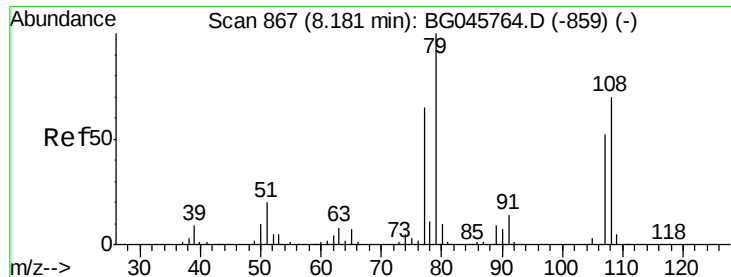
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.9	51.8	77.6
111	43.3	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 46.948 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	54.1	81.1
111	45.0	32.9	49.3





#15

Benzyl Alcohol

Concen: 49.186 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

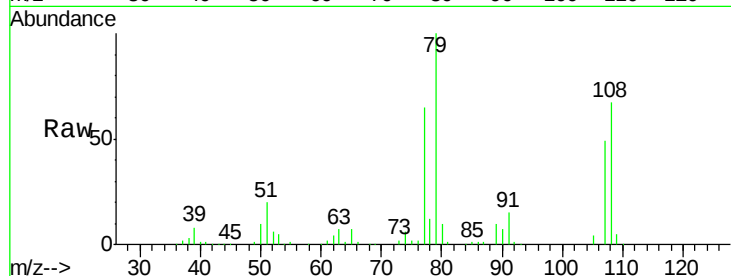
Tot Ion: 79 Resp: 178451

Ion Ratio Lower Upper

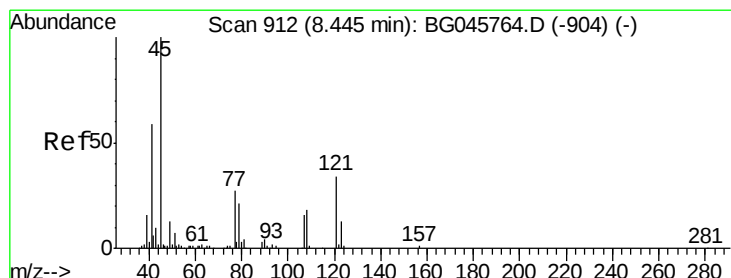
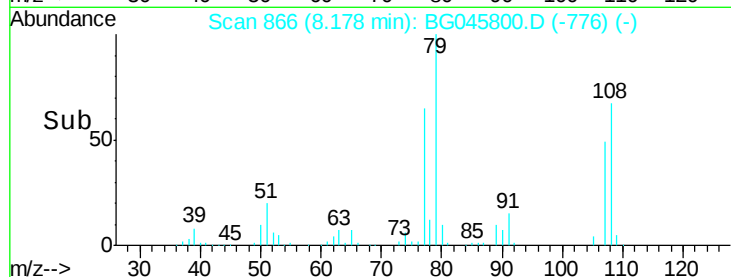
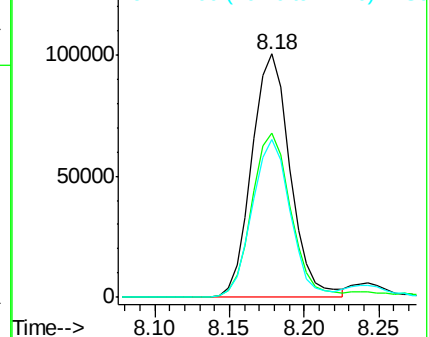
79 100

108 67.2 56.2 84.4

77 64.7 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.483 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

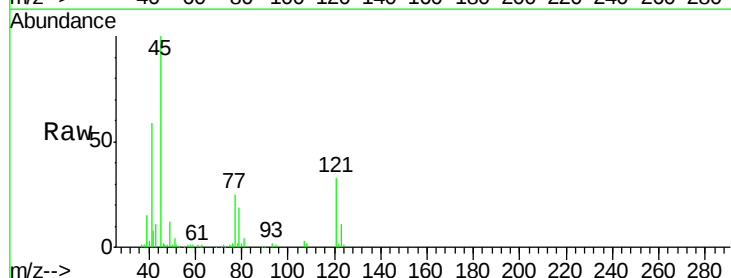
Tgt Ion: 45 Resp: 147906

Ion Ratio Lower Upper

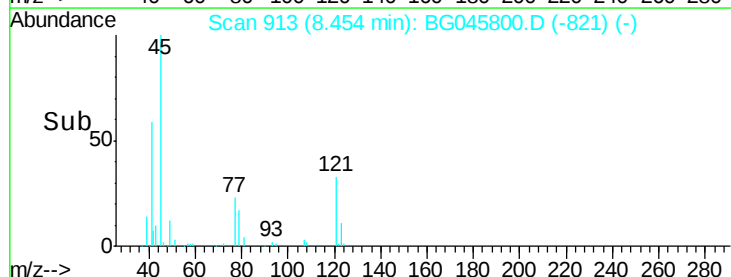
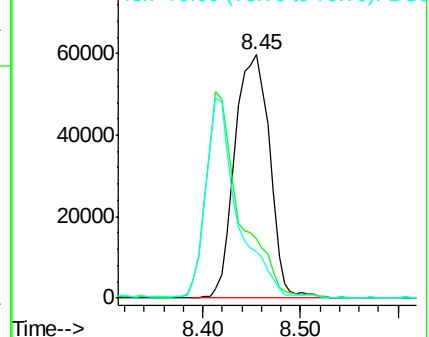
45 100

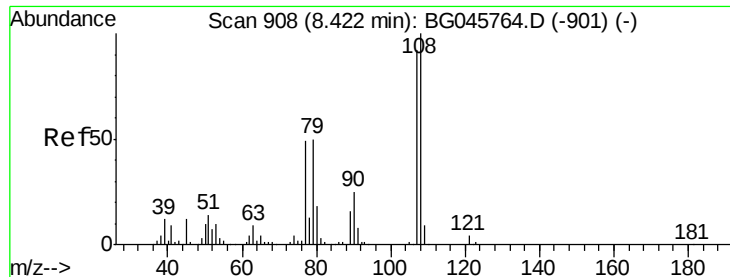
77 24.6 14.9 54.9

79 18.9 9.2 49.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 46.743 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

Tot Ion:107 Resp: 158025

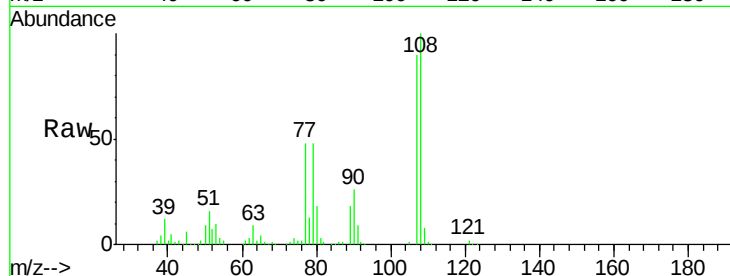
Ion Ratio Lower Upper

107 100

108 111.3 87.4 131.0

77 53.9 42.5 63.7

79 53.3 44.0 66.0

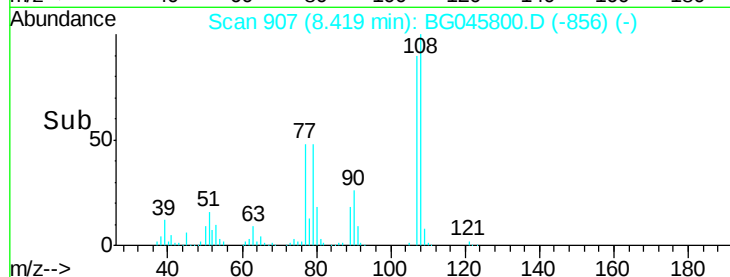


Abundance Ion 107.00 (106.70 to 107.70): E

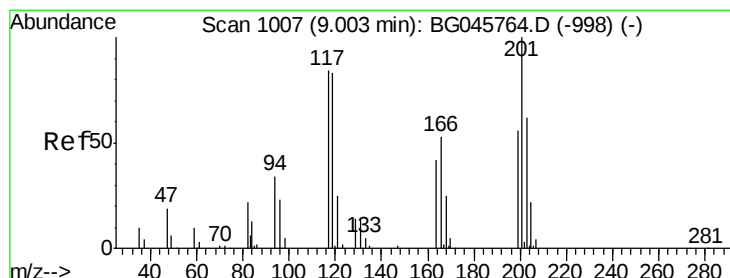
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 49.143 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

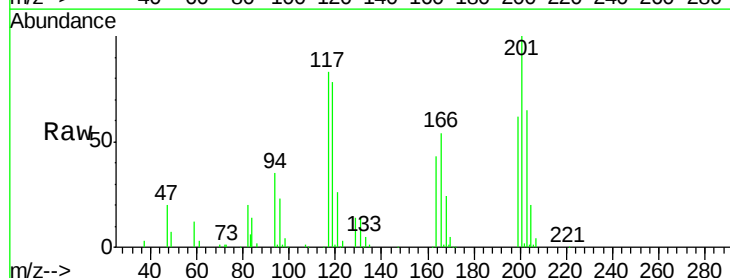
Tgt Ion:117 Resp: 73298

Ion Ratio Lower Upper

117 100

119 94.0 78.9 118.3

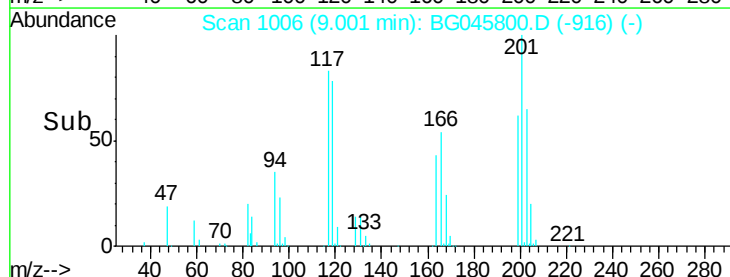
201 120.0 95.5 143.3



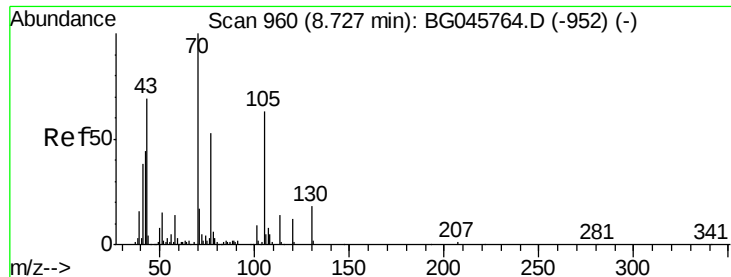
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



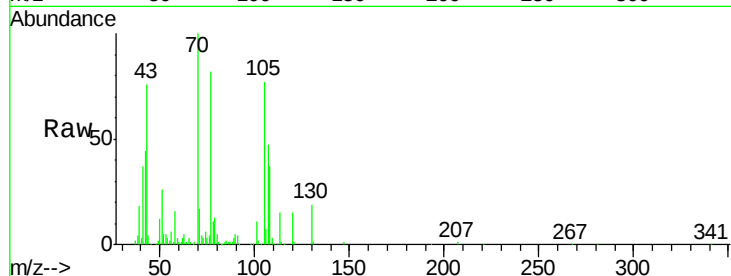
Time-->



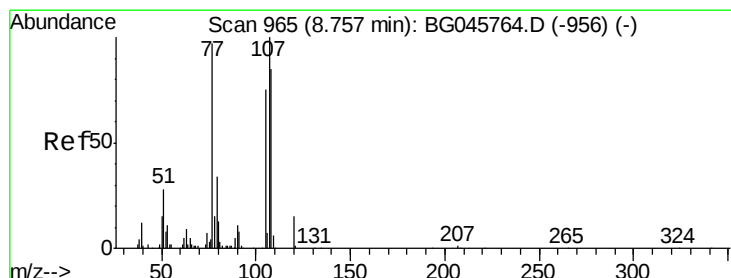
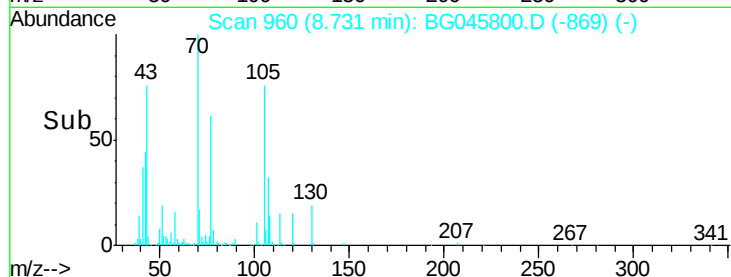
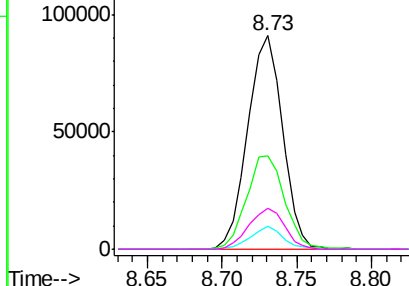
#19
n-Nitroso-di-n-propylamine
Concen: 47.714 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion:	70	Resp:	147068
Ion	Ratio	Lower	Upper
70	100		
42	43.7	35.1	52.7
101	10.9	7.4	11.0
130	19.2	14.6	21.8

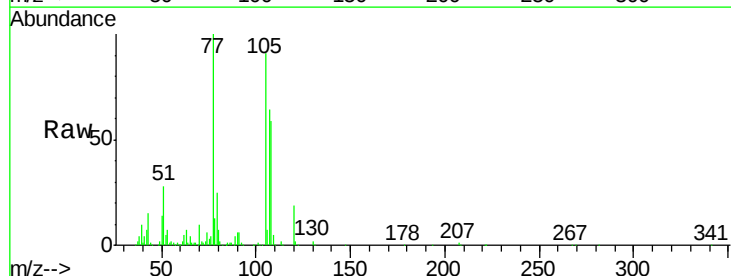


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

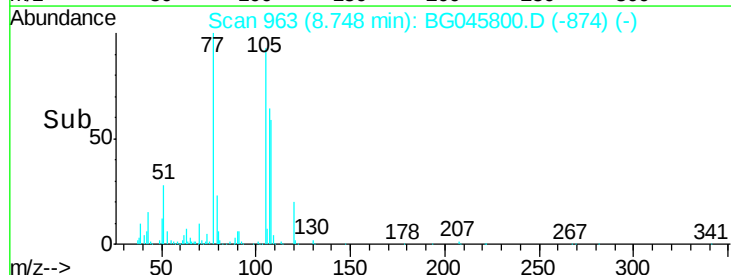
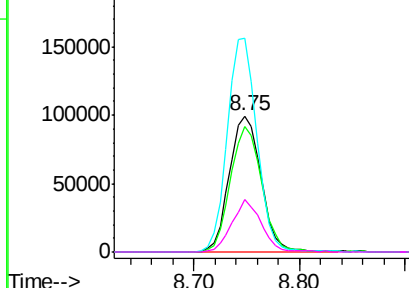


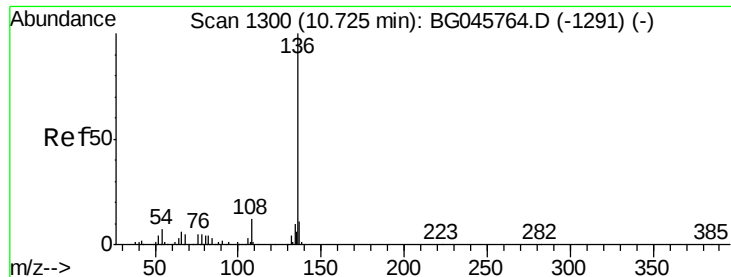
#20
3+4-Methylphenols
Concen: 46.471 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion:	107	Resp:	206617
Ion	Ratio	Lower	Upper
107	100		
108	92.7	65.4	105.4
77	157.0	77.2	117.2#
79	38.5	14.2	54.2



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

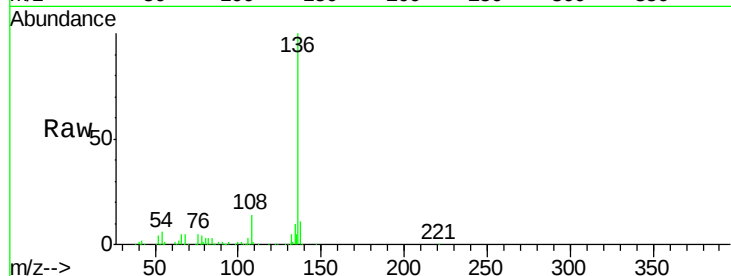




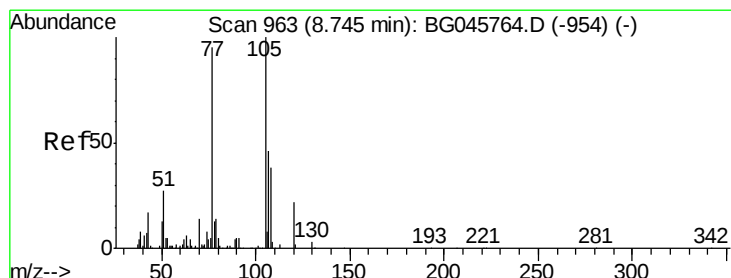
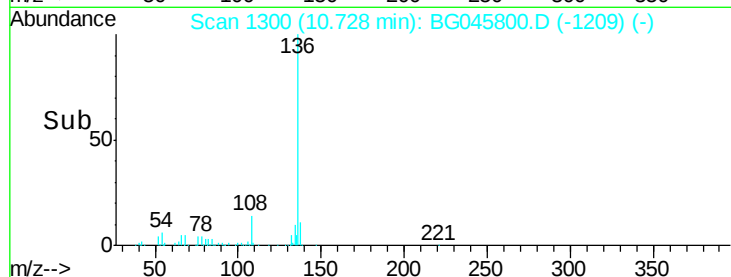
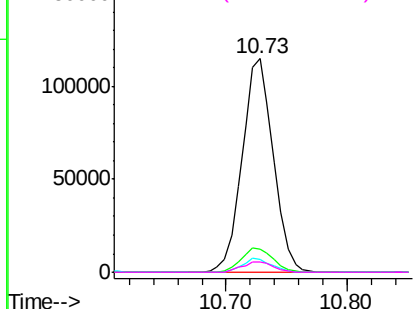
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion:136	Resp:	205185
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	6.2	5.8 8.6
68	4.8	4.0 6.0

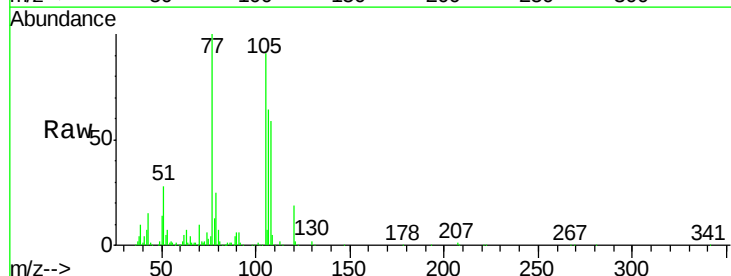


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

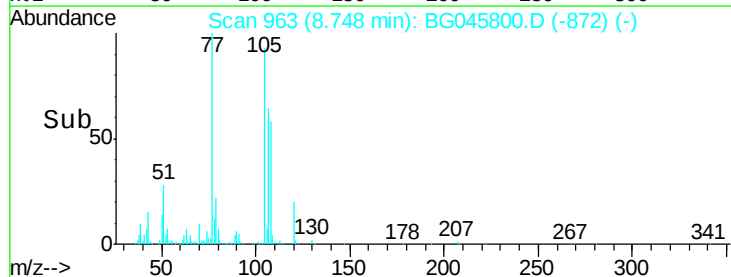
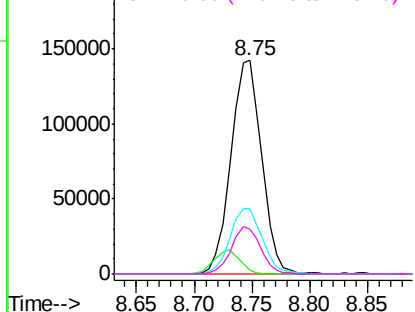


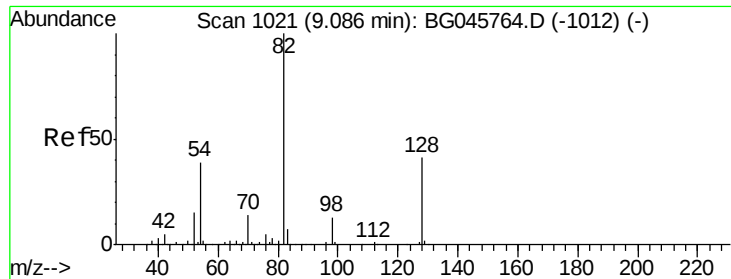
#22
Acetophenone
Concen: 46.632 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion:105	Resp:	262616
Ion Ratio	Lower	Upper
105	100	
71	1.8	1.8 2.8#
51	30.4	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

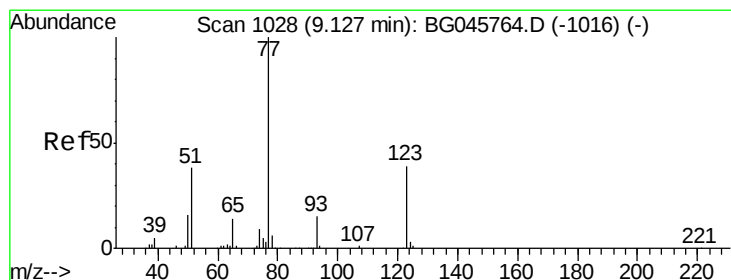
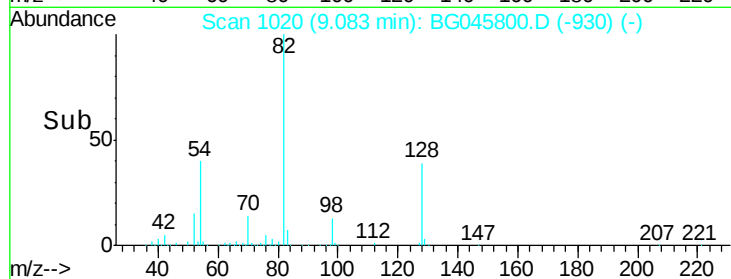
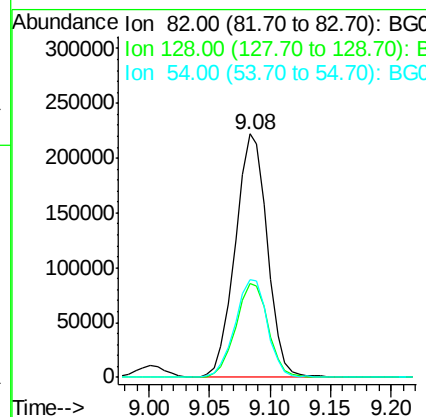
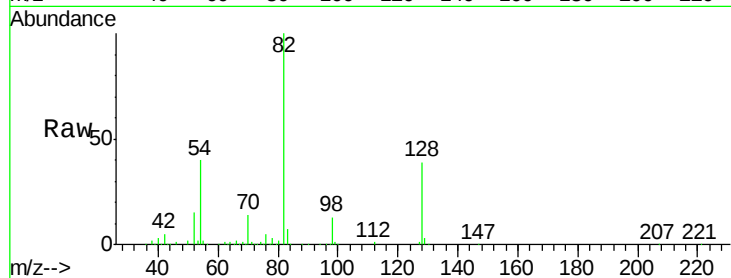




#23
 Nitrobenzene-d5
 Concen: 91.244 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

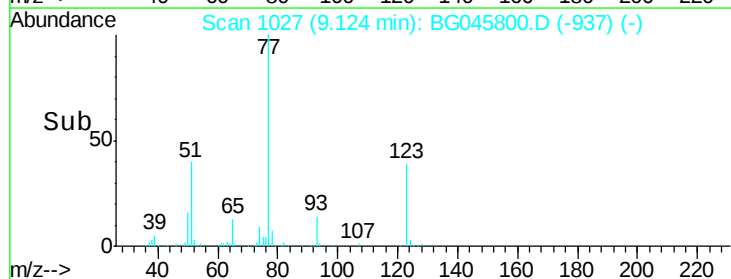
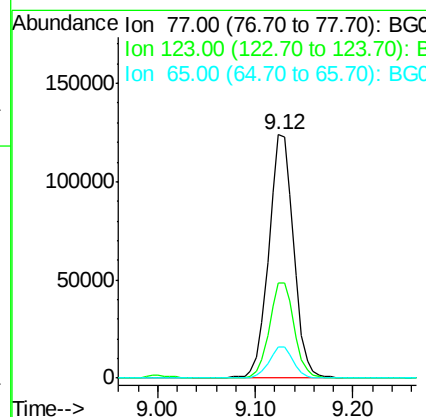
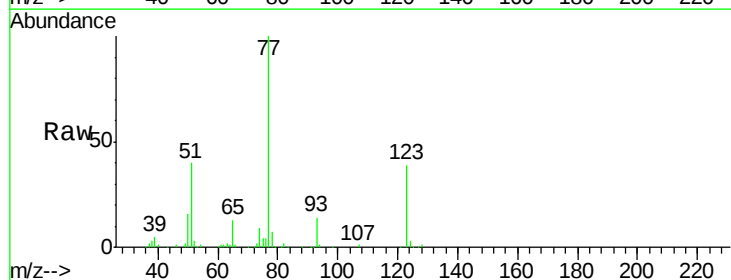
Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

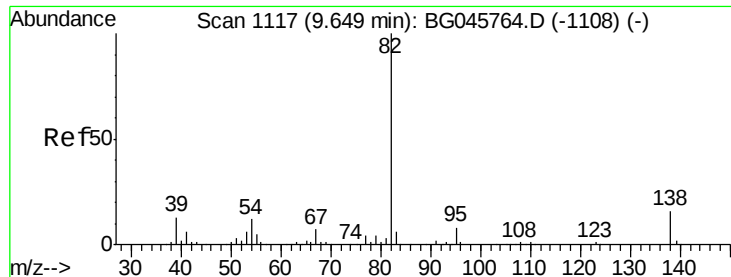
Tot Ion	82	Resp	409820
Ion Ratio	Lower	Upper	
82	100		
128	38.5	32.5	48.7
54	40.3	31.2	46.8



#24
 Nitrobenzene
 Concen: 46.425 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion	77	Resp	222326
Ion Ratio	Lower	Upper	
77	100		
123	39.2	31.2	46.8
65	12.6	11.4	17.2





#25

Isophorone

Concen: 45.766 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

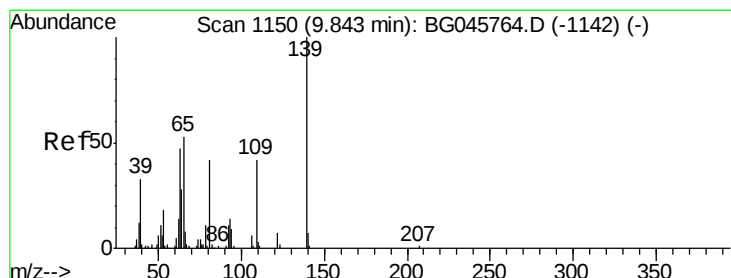
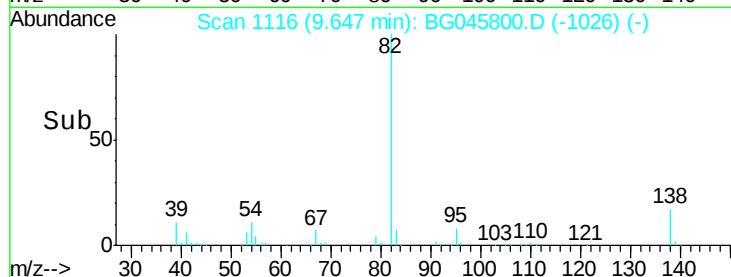
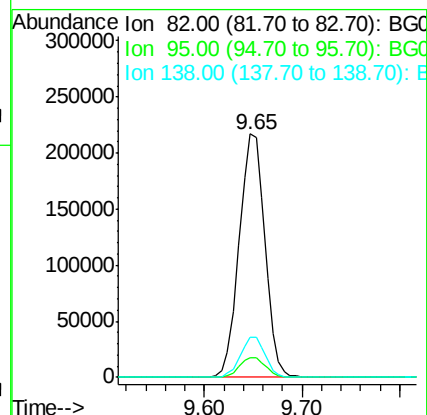
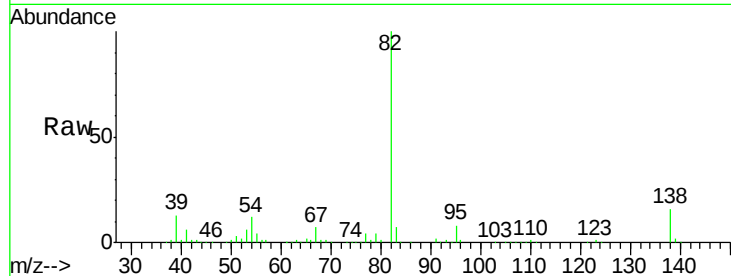
Tot Ion: 82 Resp: 397935

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.4

138 16.5 12.6 18.8



#26

2-Nitrophenol

Concen: 48.431 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

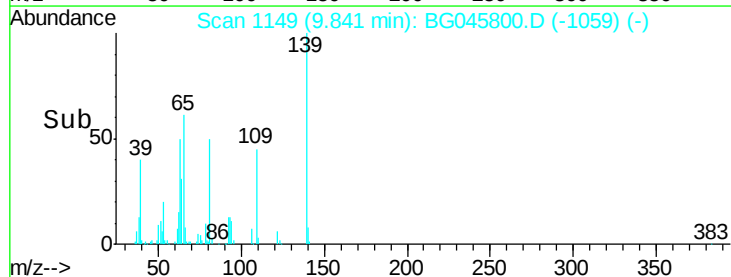
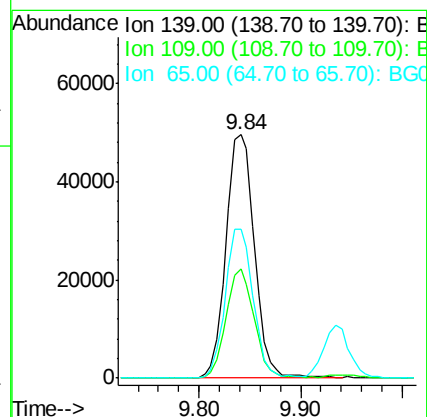
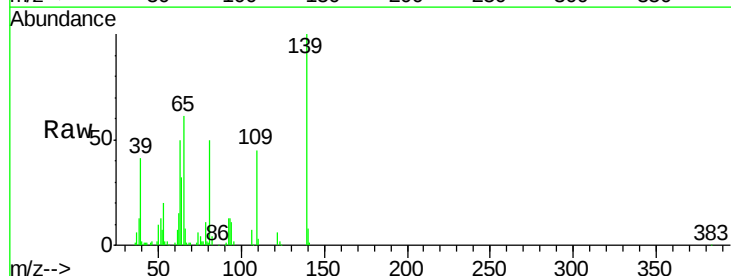
Tgt Ion: 139 Resp: 96627

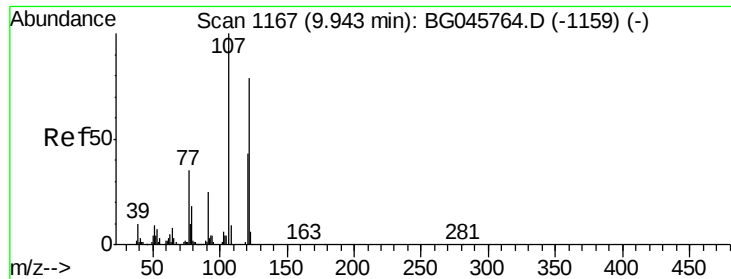
Ion Ratio Lower Upper

139 100

109 45.0 33.5 50.3

65 61.2 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 52.126 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

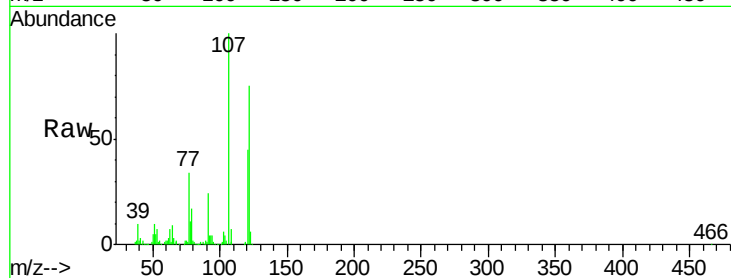
Tot Ion:122 Resp: 158782

Ion Ratio Lower Upper

122 100

107 133.7 101.3 151.9

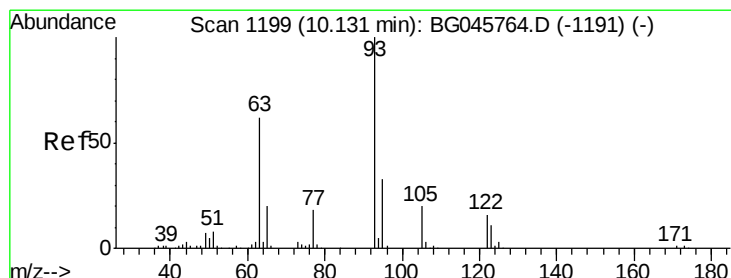
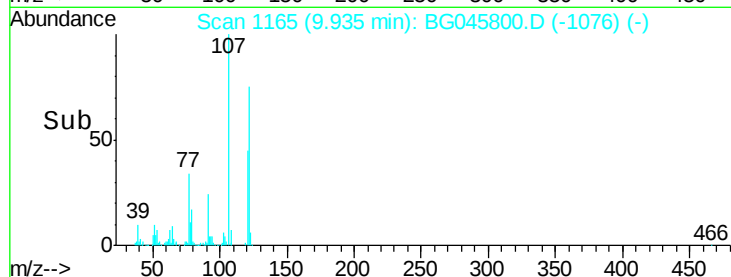
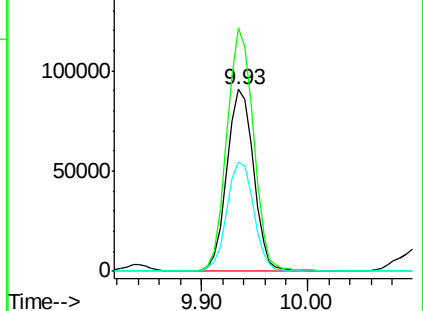
121 59.9 43.9 65.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.606 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

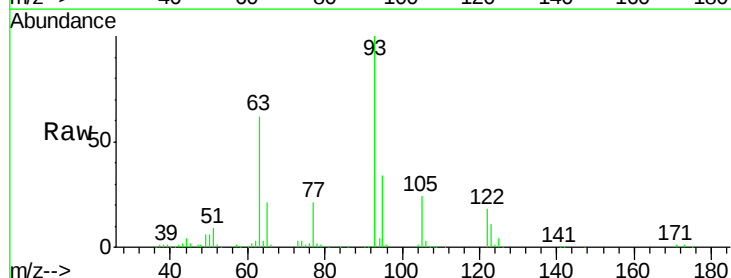
Tgt Ion: 93 Resp: 220761

Ion Ratio Lower Upper

93 100

95 34.2 26.3 39.5

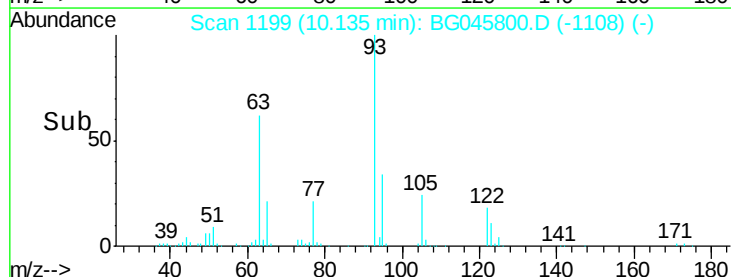
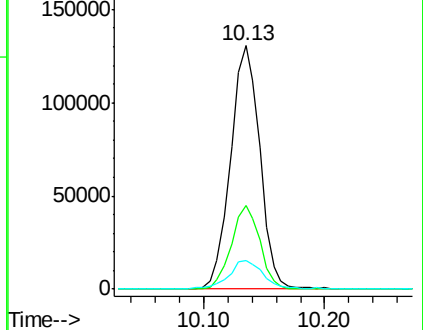
123 11.5 9.3 13.9

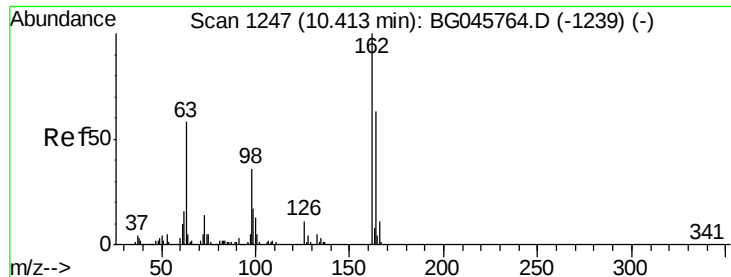


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.989 ng

RT: 10.41 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

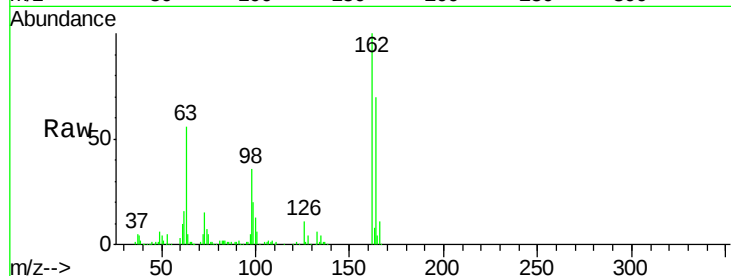
Tot Ion:162 Resp: 177656

Ion Ratio Lower Upper

162 100

164 70.4 43.3 83.3

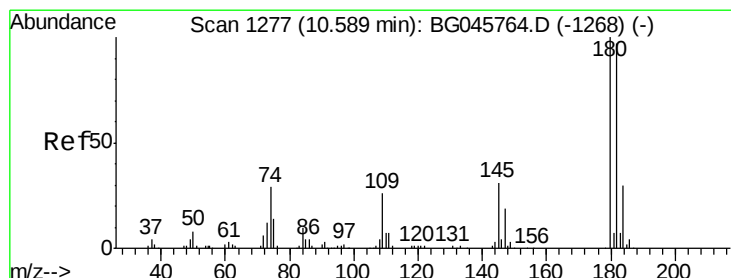
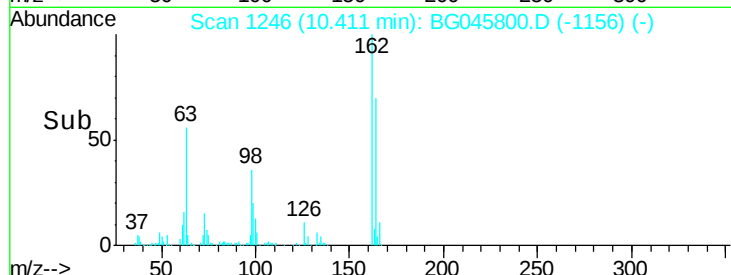
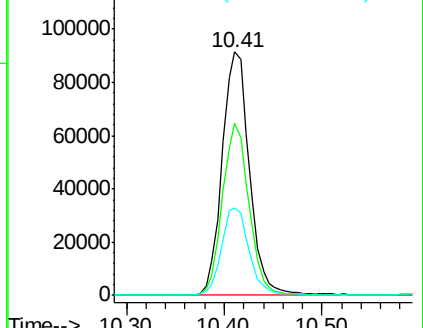
98 35.8 15.5 55.5



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): E



#30

1,2,4-Trichlorobenzene

Concen: 46.530 ng

RT: 10.59 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

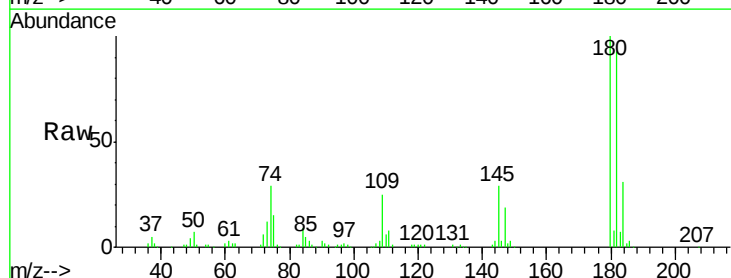
Tgt Ion:180 Resp: 195763

Ion Ratio Lower Upper

180 100

182 92.8 77.8 116.6

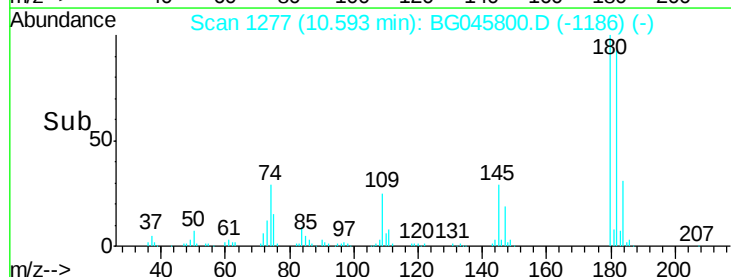
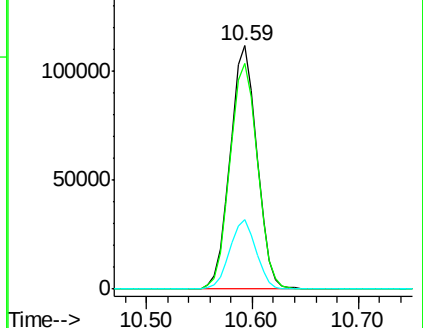
145 28.7 24.5 36.7

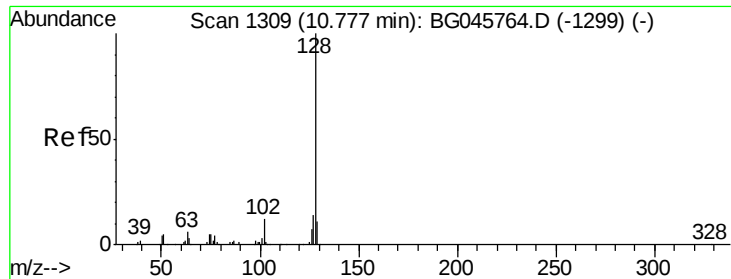


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

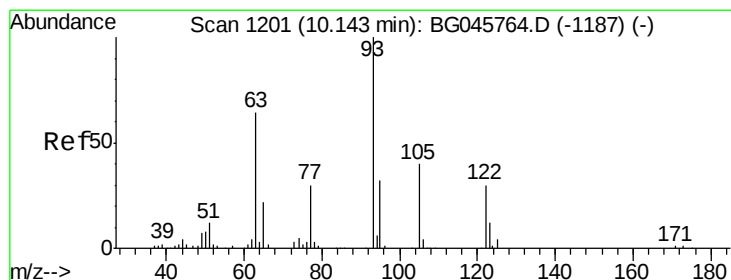
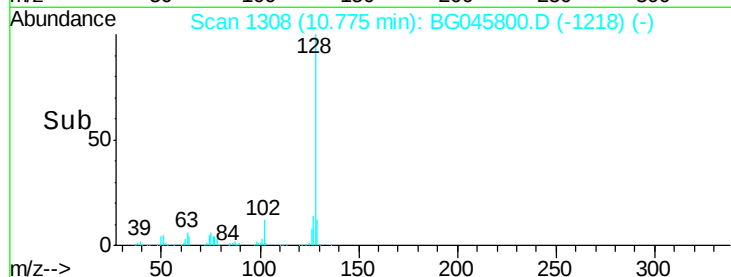
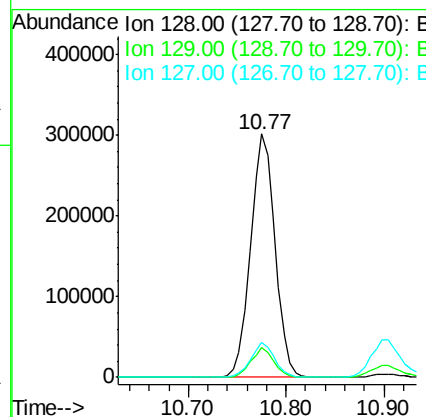
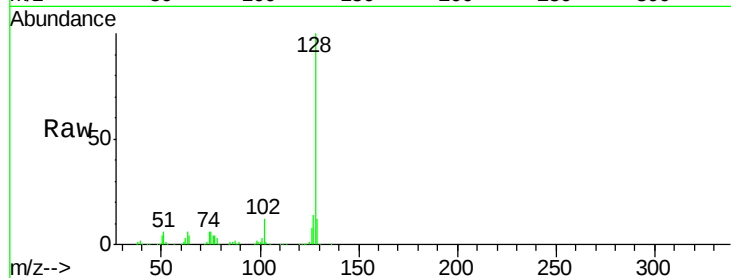




#31
Naphthalene
Concen: 47.197 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

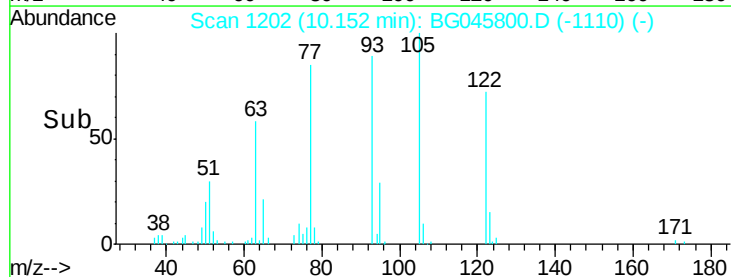
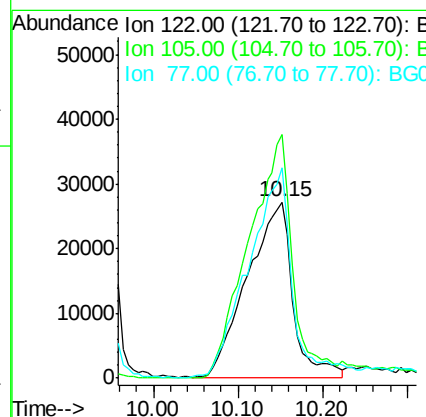
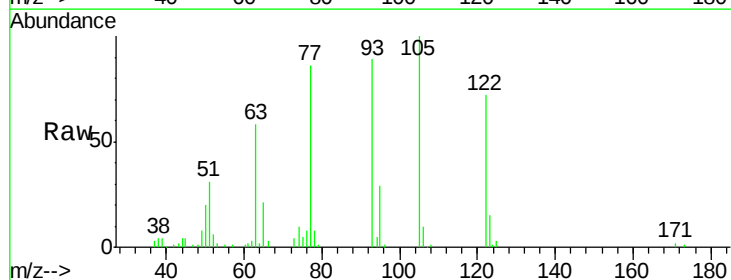
Instrument :
BNA_G
ClientSampleId :
PB129622BS

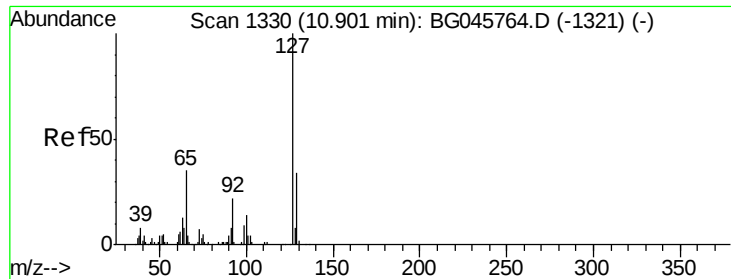
Tot Ion	128	Resp	529448
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.6	13.0
127	14.2	10.9	16.3



#32
Benzoic acid
Concen: 50.912 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	122	Resp	101900
Ion Ratio	Lower	Upper	
122	100		
105	138.1	112.9	152.9
77	119.4	79.2	119.2#

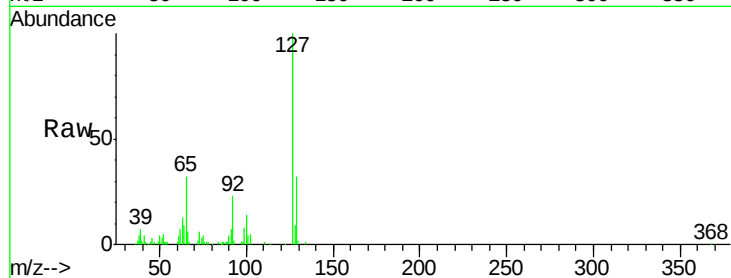




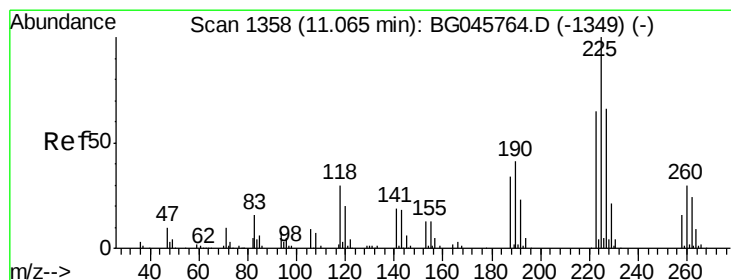
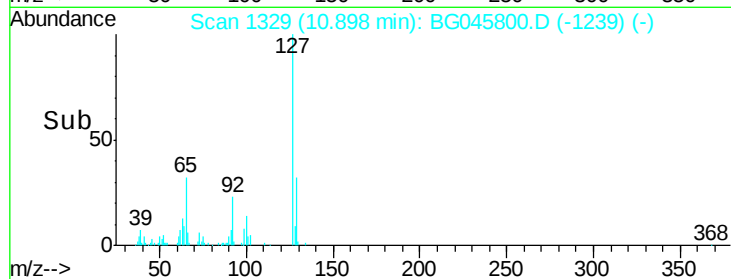
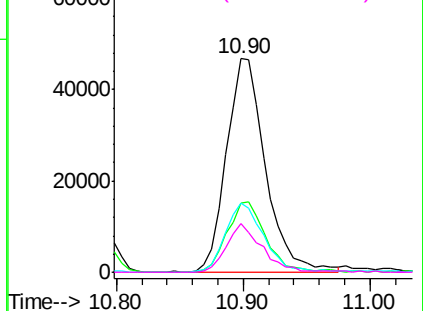
#33
4-Chloroaniline
Concen: 21.199 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion:127	Resp:	99587
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.8 40.2
65	32.4	27.8 41.8
92	22.8	17.3 25.9

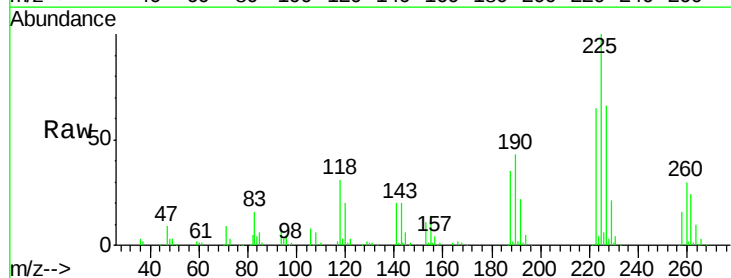


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

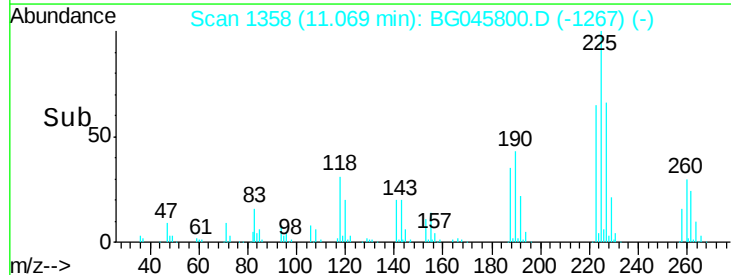
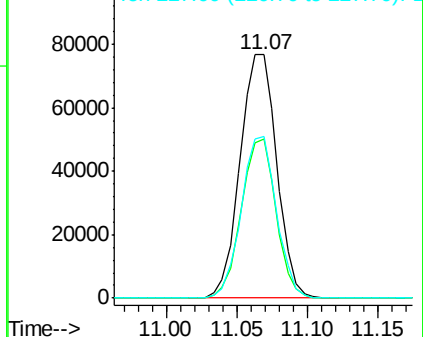


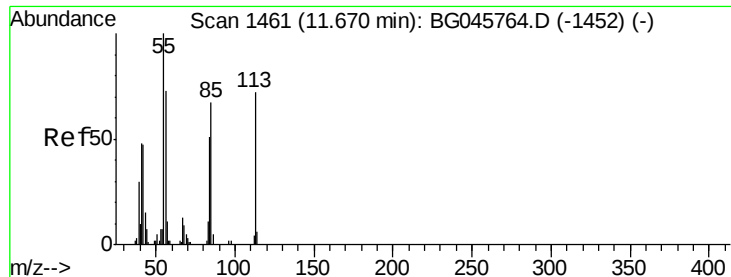
#34
Hexachlorobutadiene
Concen: 46.647 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion:225	Resp:	139574
Ion Ratio	Lower	Upper
225	100	
223	65.3	52.0 78.0
227	66.2	52.5 78.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.818 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

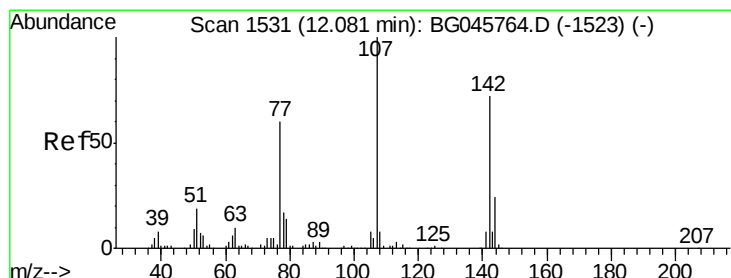
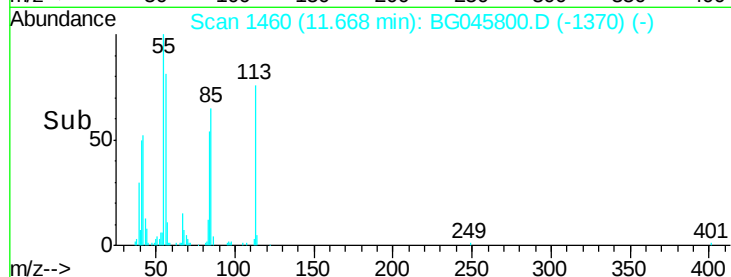
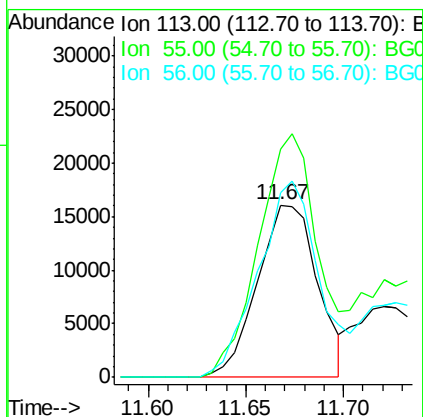
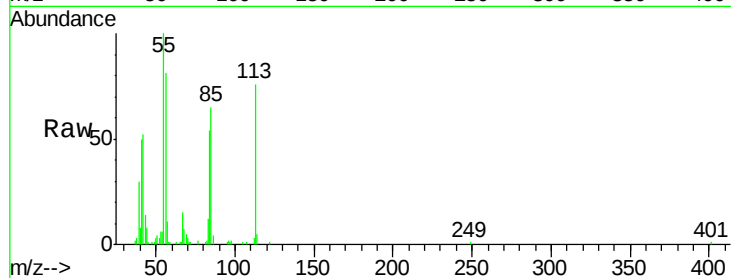
Tot Ion:113 Resp: 34292

Ion Ratio Lower Upper

113 100

55 132.0 119.7 159.7

56 107.0 82.5 122.5



#36

4-Chloro-3-methylphenol

Concen: 50.961 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

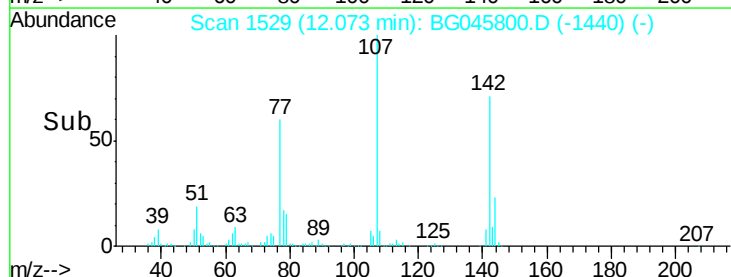
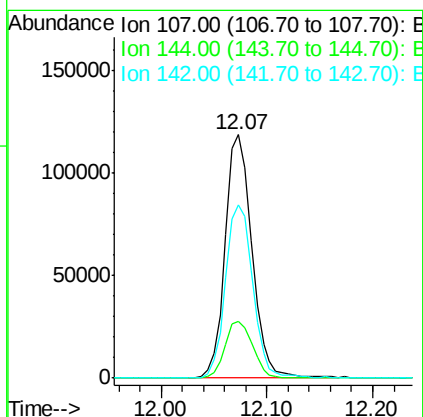
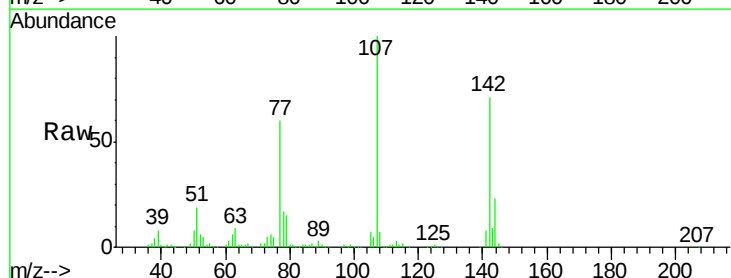
Tgt Ion:107 Resp: 209110

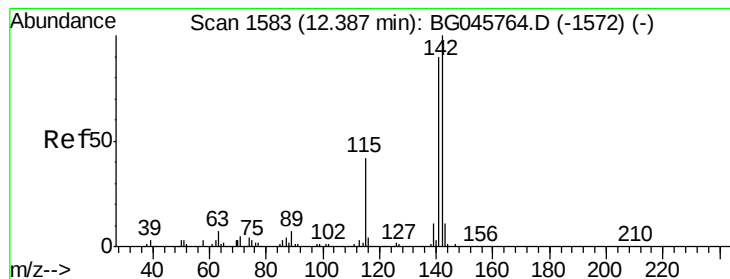
Ion Ratio Lower Upper

107 100

144 23.3 19.5 29.3

142 71.4 57.4 86.0





#37

2-Methylnaphthalene

Concen: 47.927 ng

RT: 12.39 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

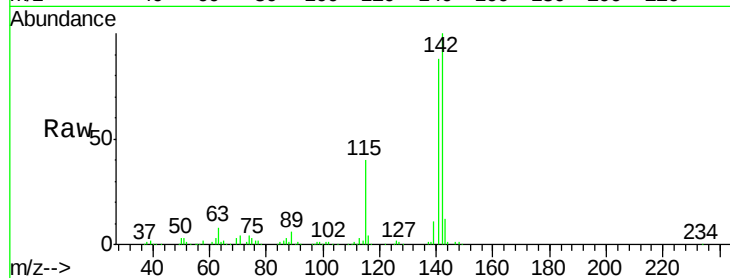
Tot Ion:142 Resp: 400349

Ion Ratio Lower Upper

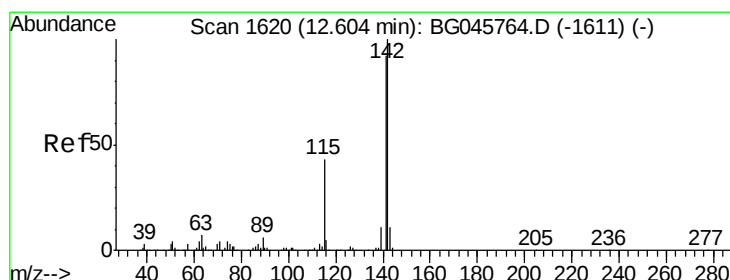
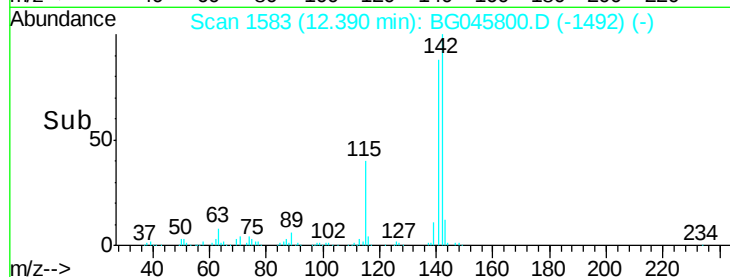
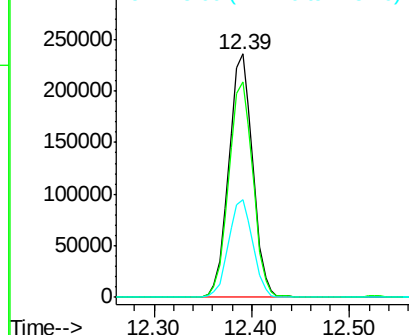
142 100

141 88.4 71.7 107.5

115 39.9 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: 48.891 ng

RT: 12.61 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

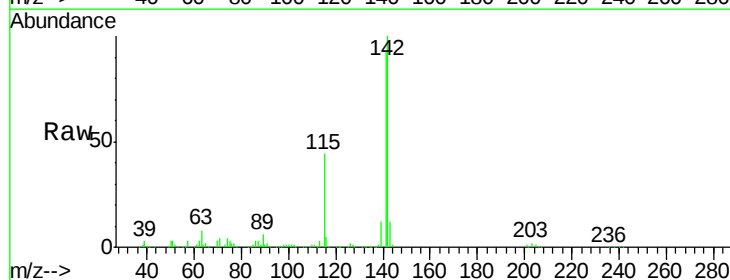
Tgt Ion:142 Resp: 386475

Ion Ratio Lower Upper

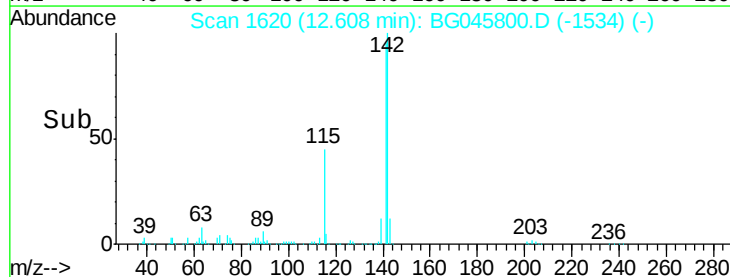
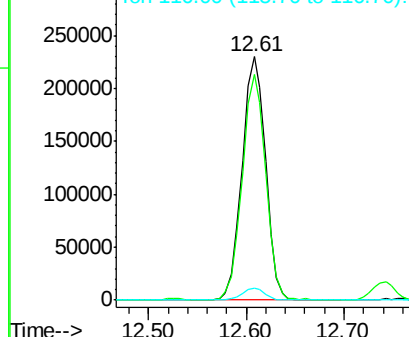
142 100

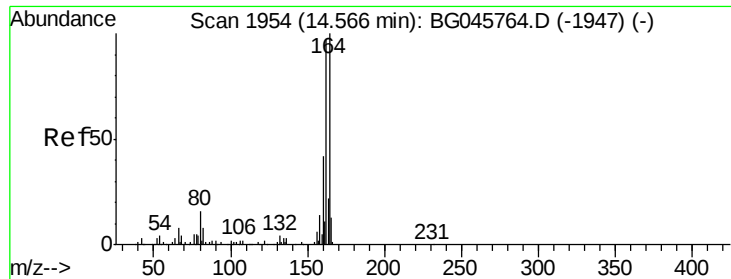
141 92.9 73.8 110.8

116 5.0 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: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

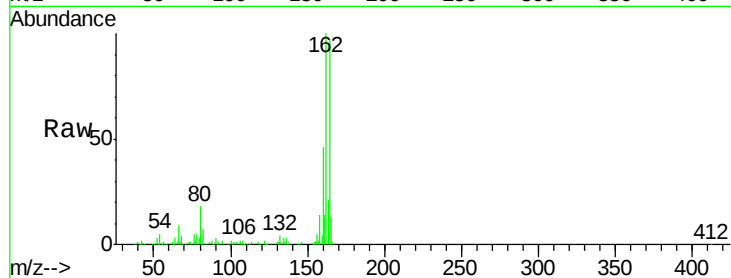
Tot Ion:164 Resp: 145278

Ion Ratio Lower Upper

164 100

162 103.2 77.4 116.0

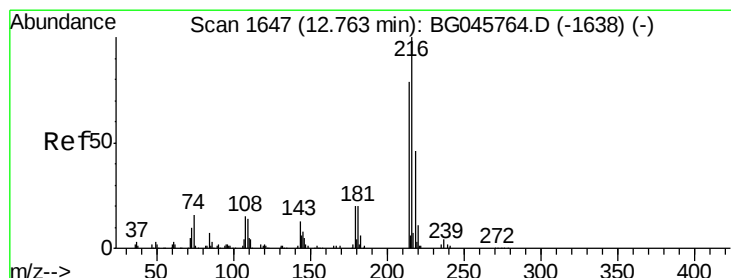
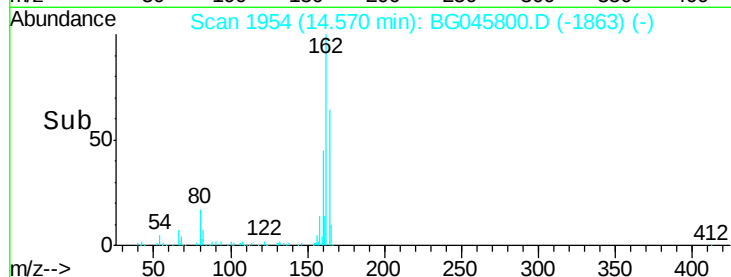
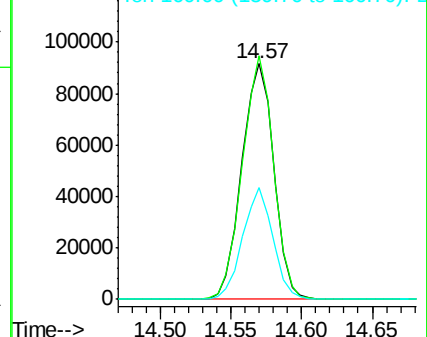
160 47.3 33.3 49.9



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: 47.915 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion:216 Resp: 229208

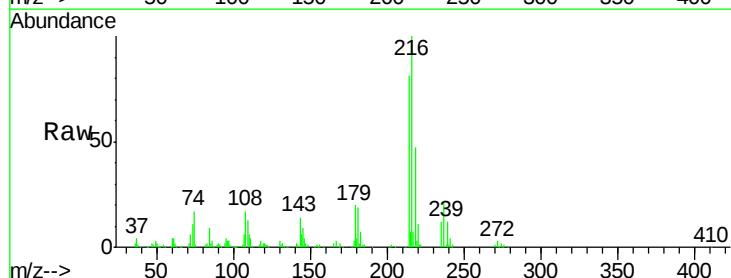
Ion Ratio Lower Upper

216 100

214 78.4 62.8 94.2

179 19.8 16.2 24.4

108 18.9 13.4 20.2

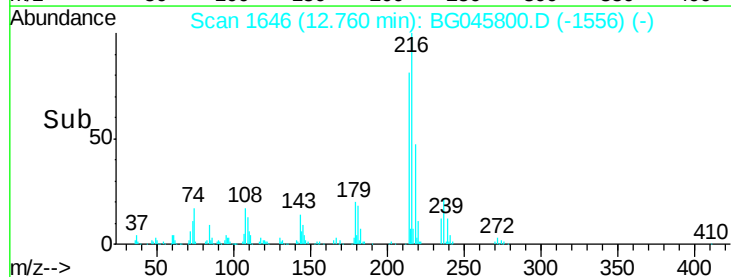
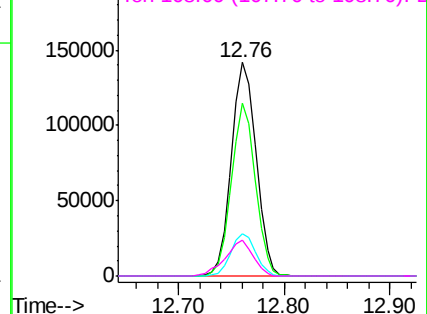


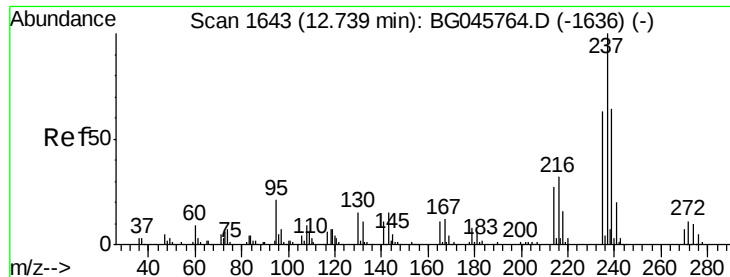
Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.208 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

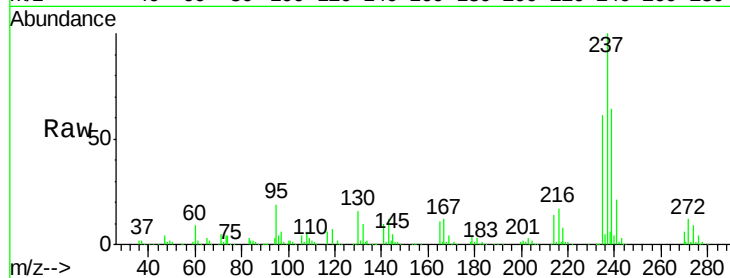
Tot Ion:237 Resp: 268112

Ion Ratio Lower Upper

237 100

235 61.4 42.9 82.9

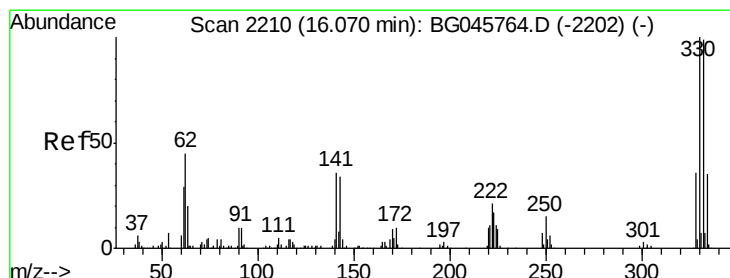
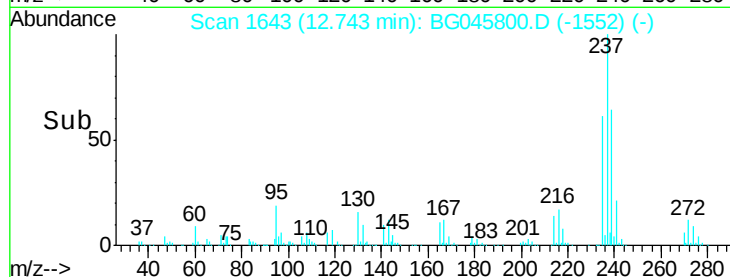
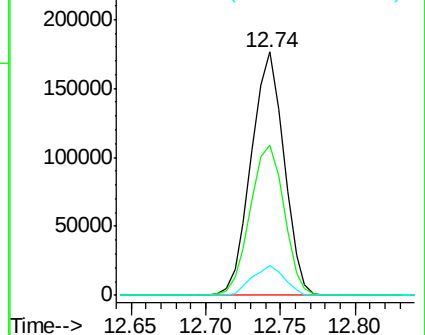
272 12.5 0.0 30.9



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: 137.954 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

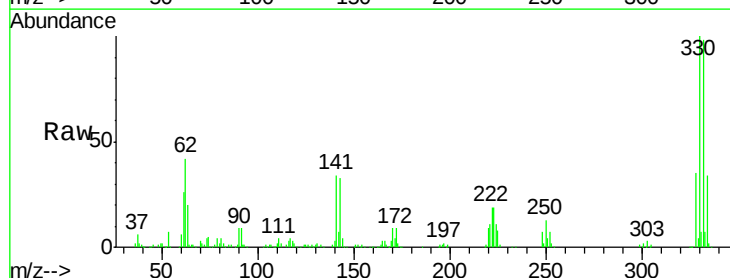
Tgt Ion:330 Resp: 302577

Ion Ratio Lower Upper

330 100

332 97.3 78.6 117.8

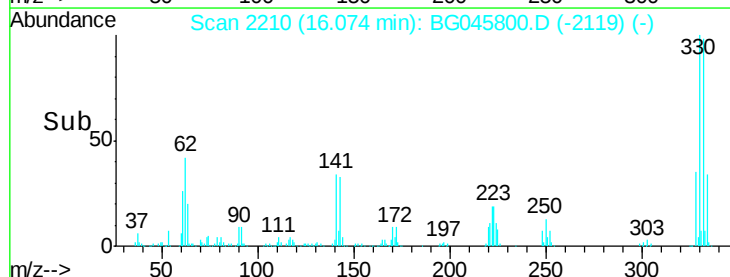
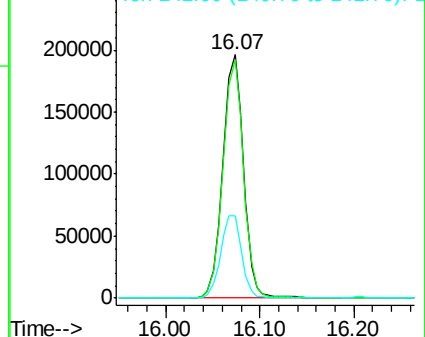
141 34.6 28.2 42.4

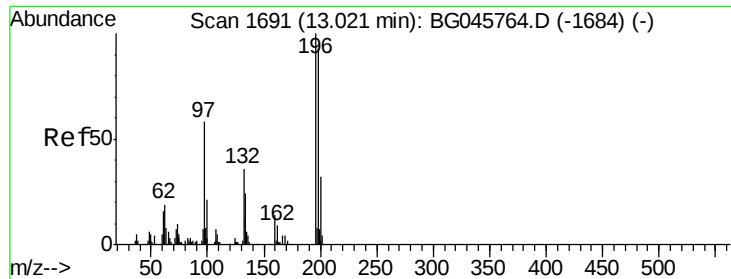


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

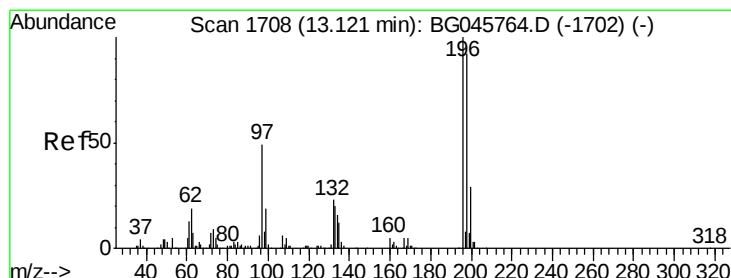
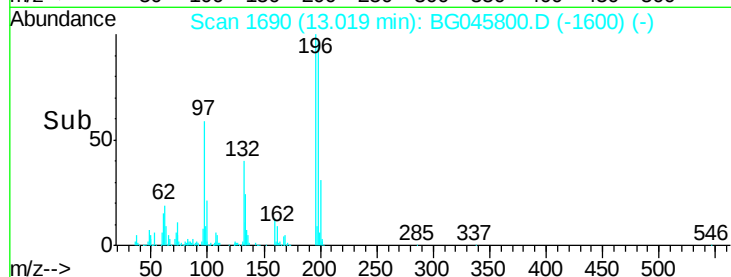
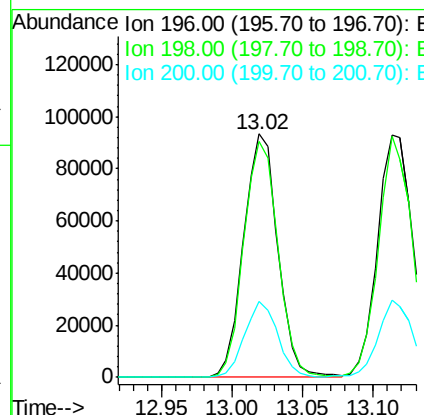
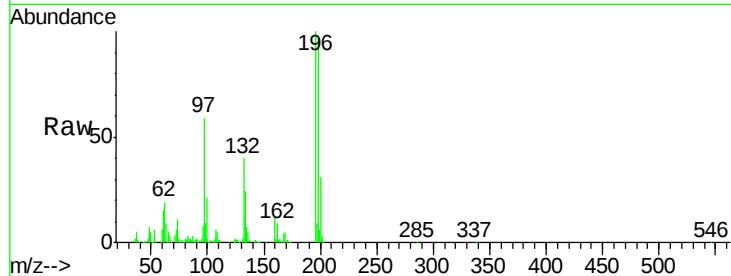




#43
 2,4,6-Trichlorophenol
 Concen: 49.030 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

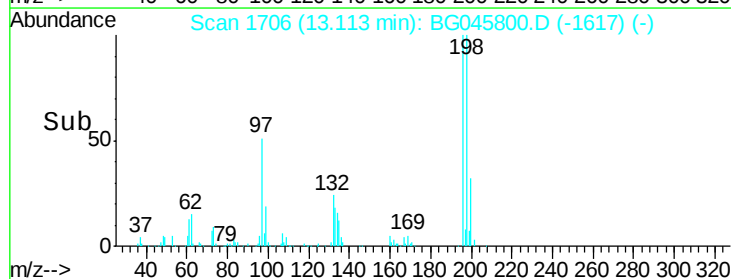
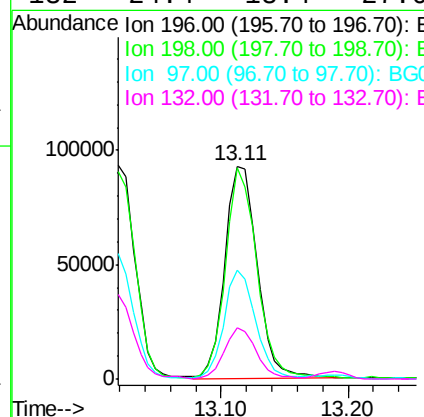
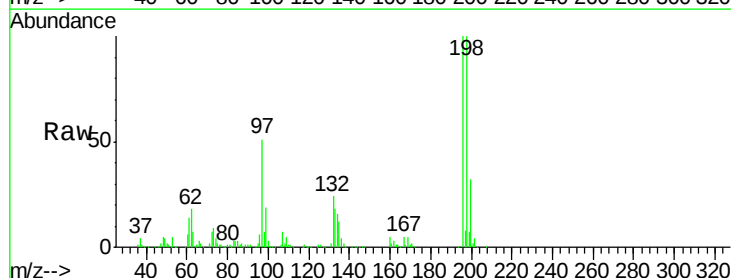
Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

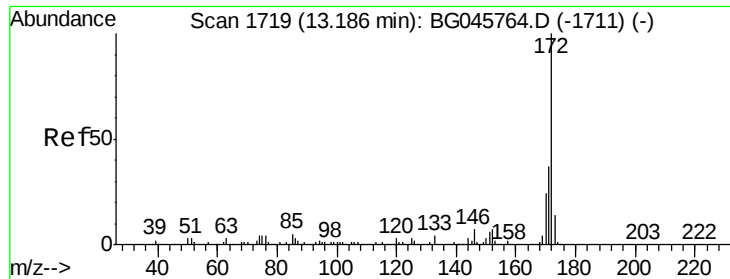
Tot Ion	196	Resp	159021
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.4	111.6
200	31.3	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.582 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion	196	Resp	164798
Ion Ratio	Lower	Upper	
196	100		
198	99.6	74.0	111.0
97	51.2	39.0	58.6
132	24.4	18.4	27.6

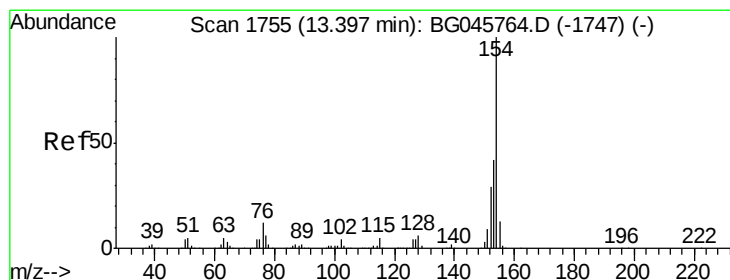
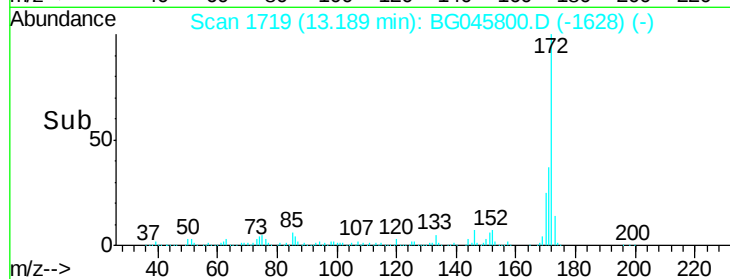
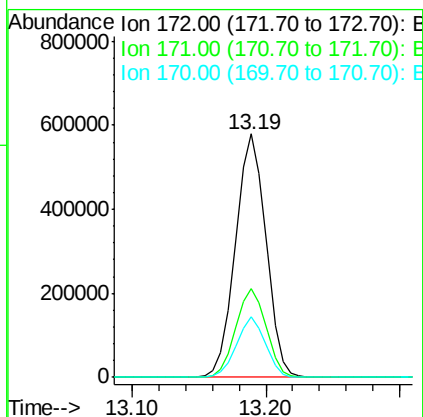
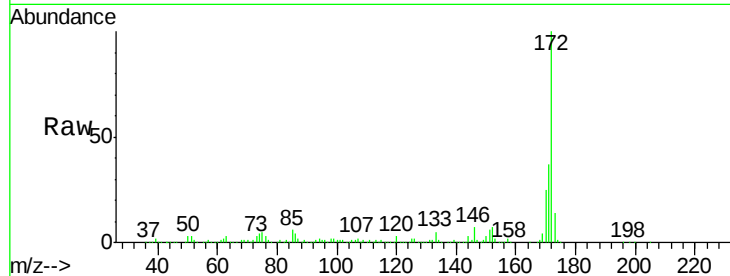




#45
 2-Fluorobiphenyl
 Concen: 92.613 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

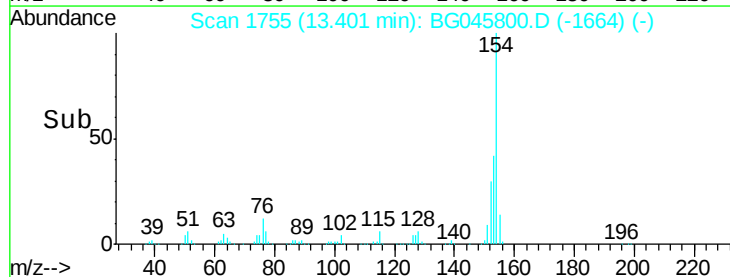
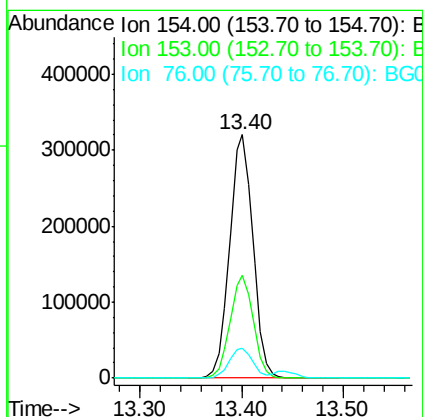
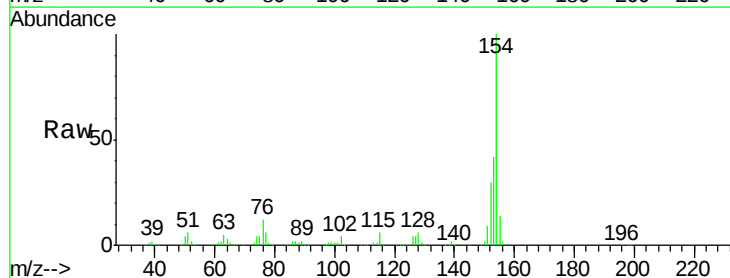
Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

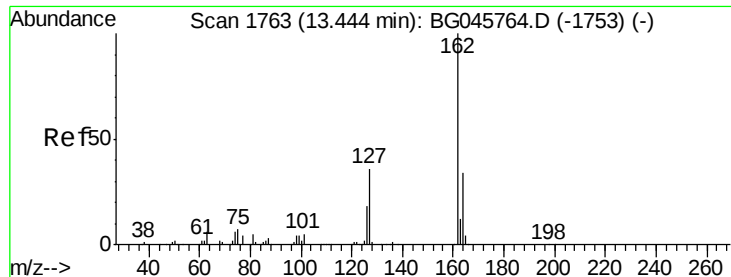
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.7	19.3	28.9



#46
 1,1'-Biphenyl
 Concen: 48.880 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.7	61.7
76	12.4	0.0	32.0

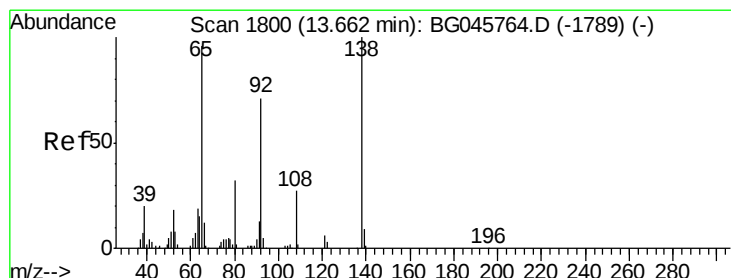
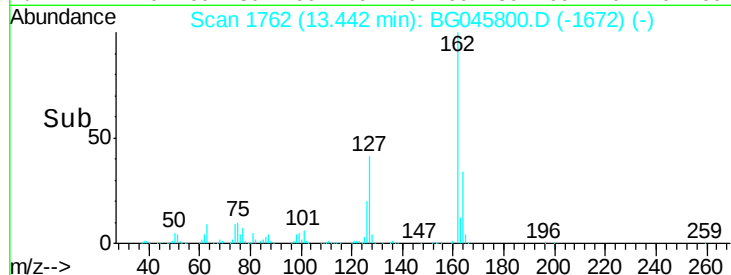
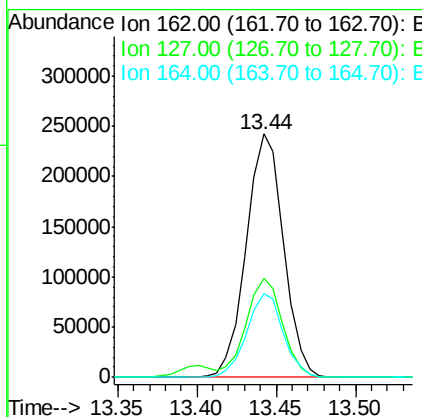
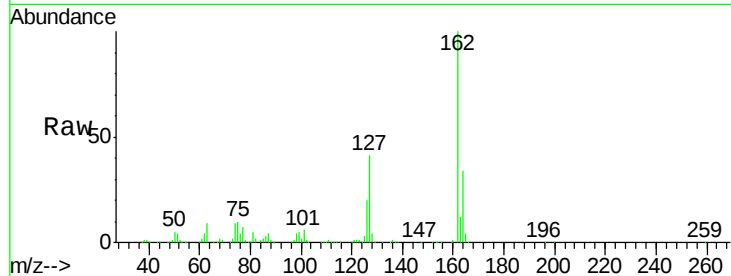




#47
2-Chloronaphthalene
Concen: 47.135 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

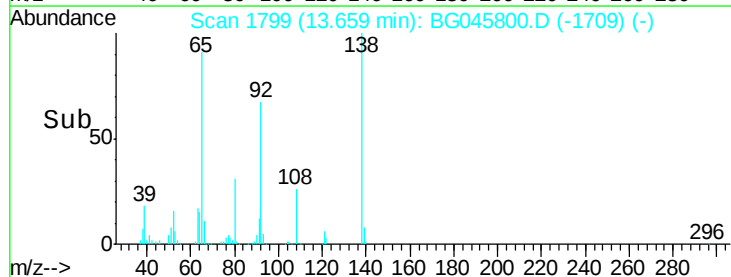
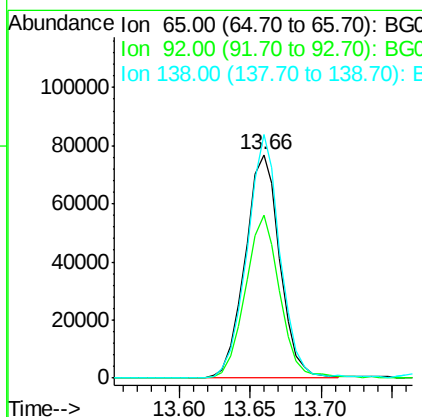
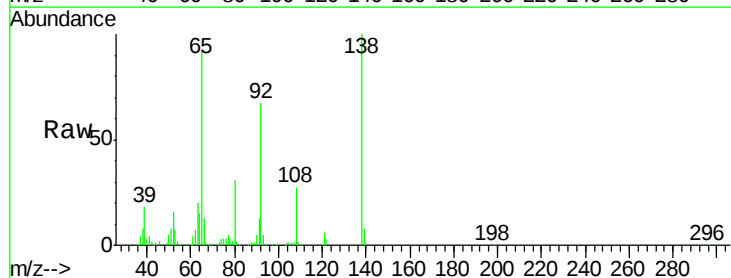
Instrument :
BNA_G
ClientSampleId :
PB129622BS

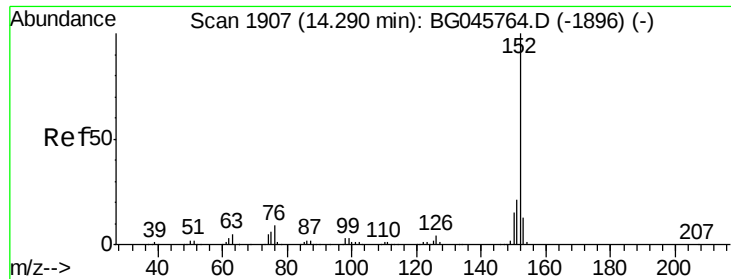
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.5	45.7
164	34.2	27.2	40.8



#48
2-Nitroaniline
Concen: 47.510 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	59.0	88.6
138	109.1	83.6	125.4





#49

Acenaphthylene

Concen: 47.937 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

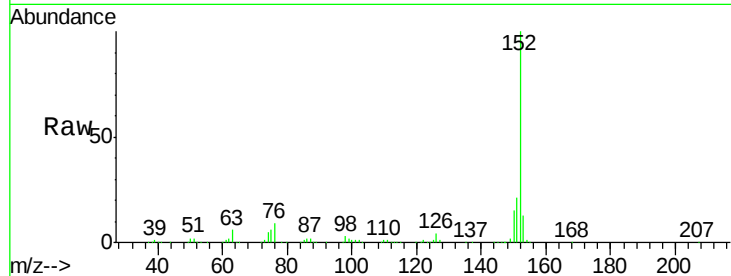
Tot Ion:152 Resp: 645111

Ion Ratio Lower Upper

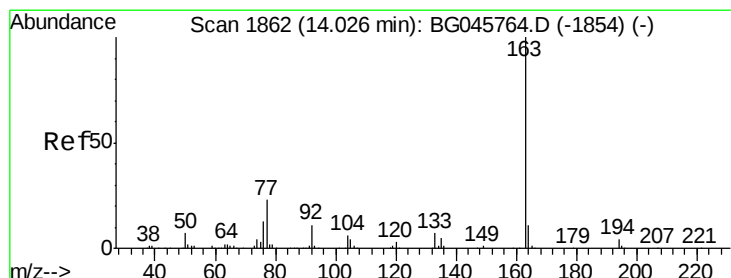
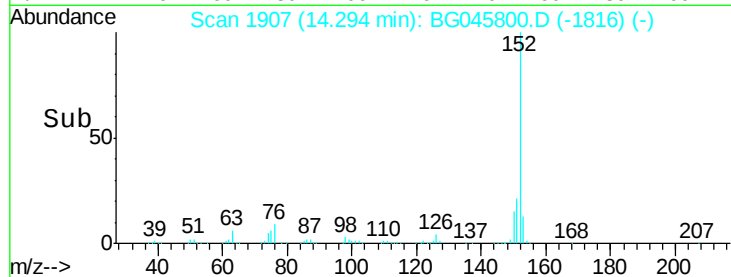
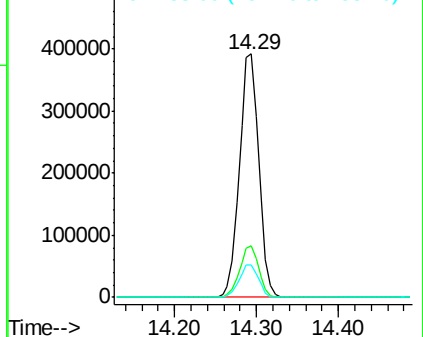
152 100

151 21.3 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: 47.664 ng

RT: 14.03 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

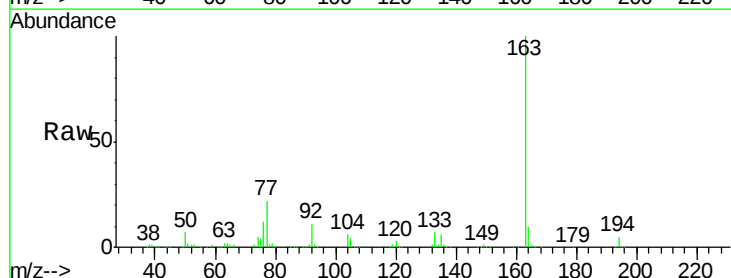
Tgt Ion:163 Resp: 542470

Ion Ratio Lower Upper

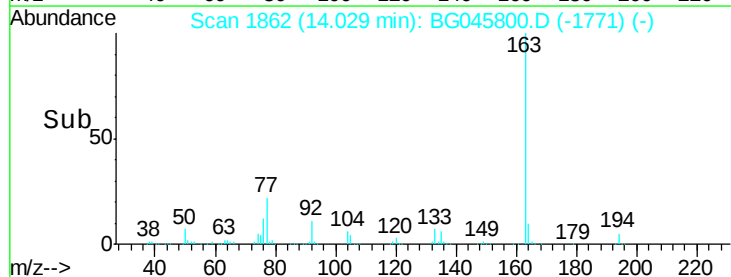
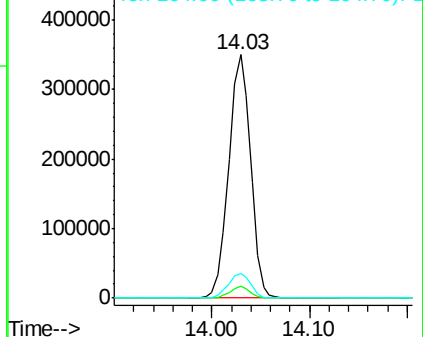
163 100

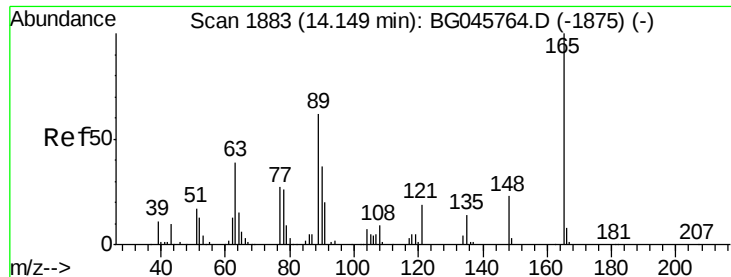
194 4.7 3.4 5.0

164 10.3 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

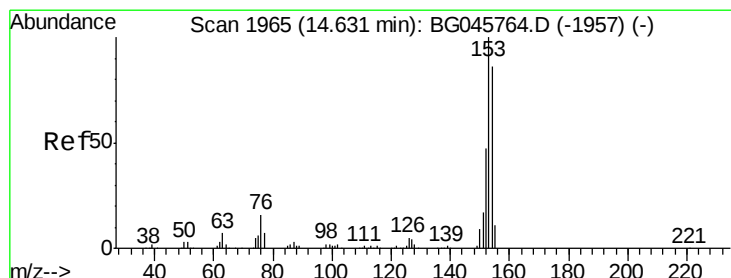
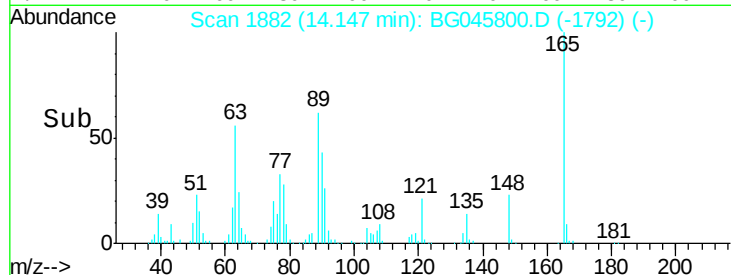
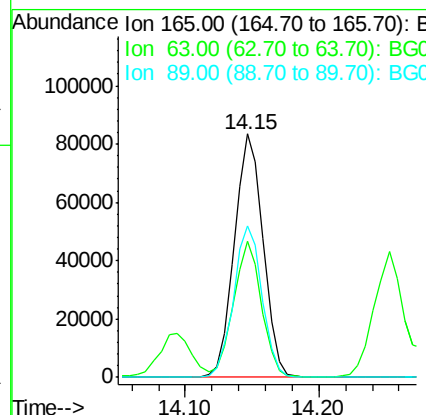
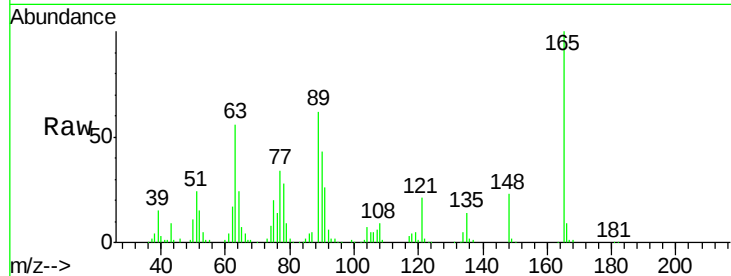




#51
 2,6-Dinitrotoluene
 Concen: 49.037 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

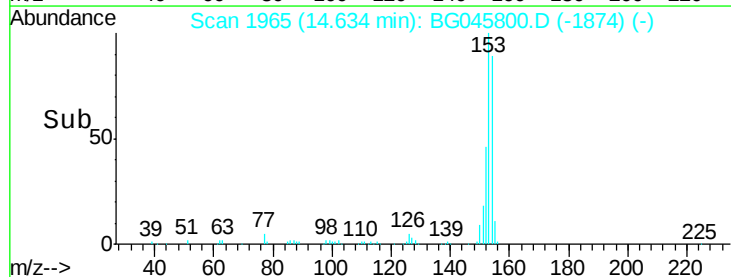
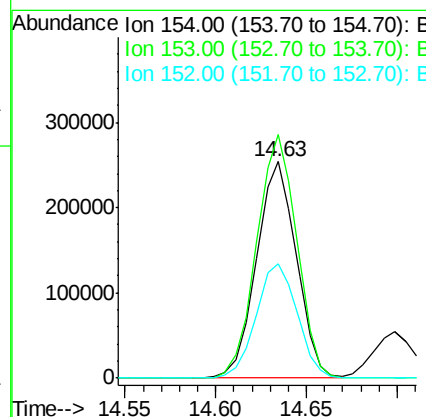
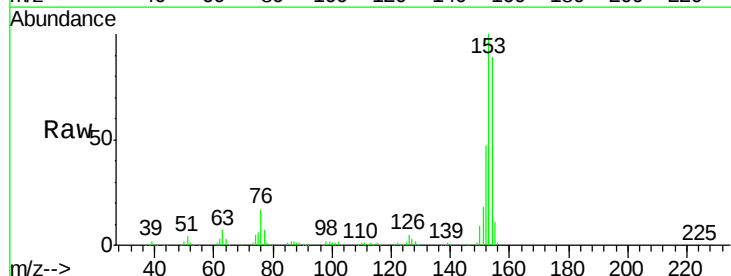
Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

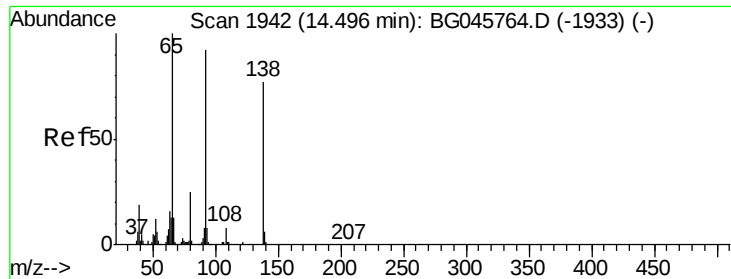
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.8	41.2	61.8
89	62.1	49.7	74.5



#52
 Acenaphthene
 Concen: 47.473 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	93.0	139.4
152	53.0	43.7	65.5

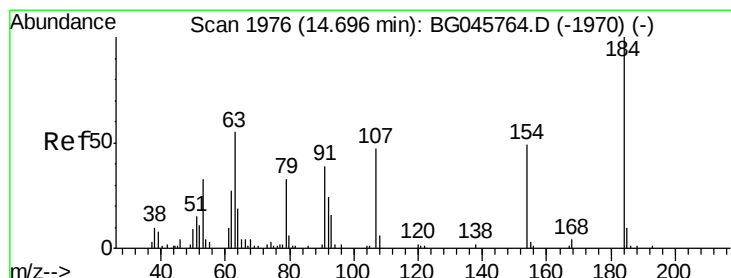
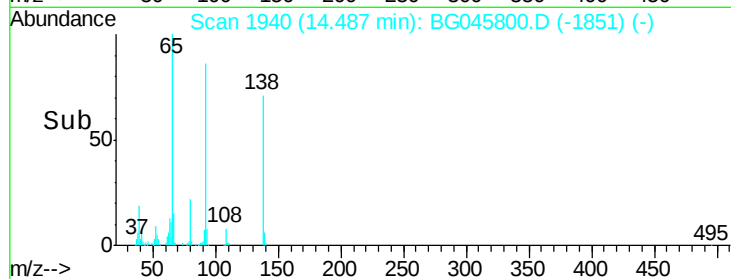
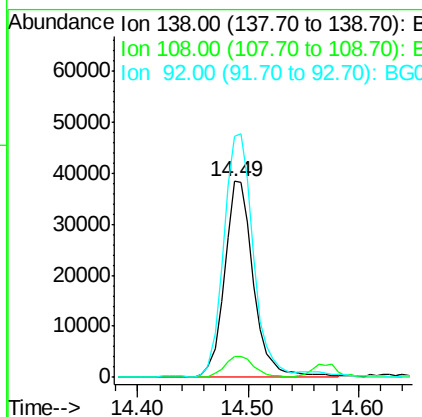
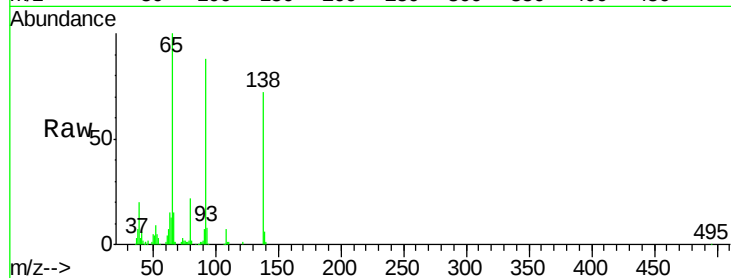




#53
3-Nitroaniline
Concen: 27.627 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

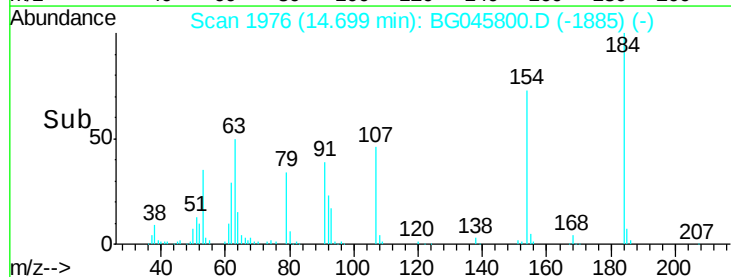
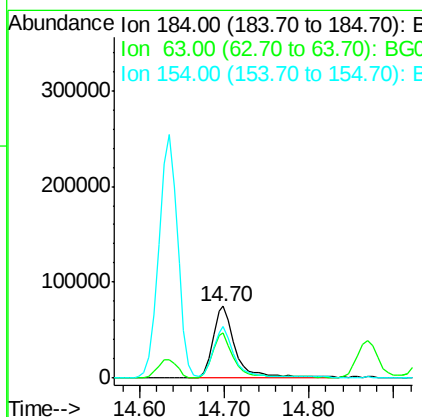
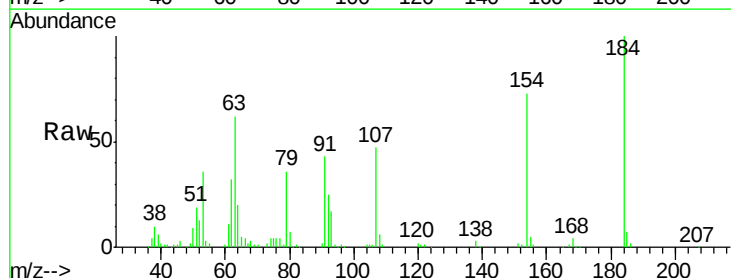
Instrument :
BNA_G
ClientSampleId :
PB129622BS

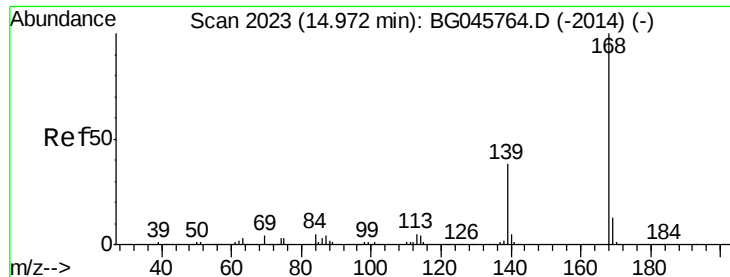
Tot Ion:138 Resp: 70538
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 123.0 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 97.351 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion:184 Resp: 141865
Ion Ratio Lower Upper
184 100
63 62.4 46.6 70.0
154 72.6 58.6 87.8

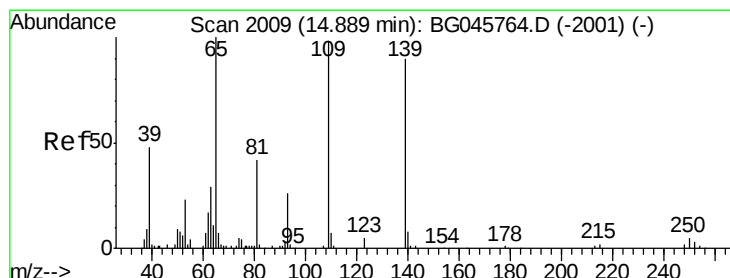
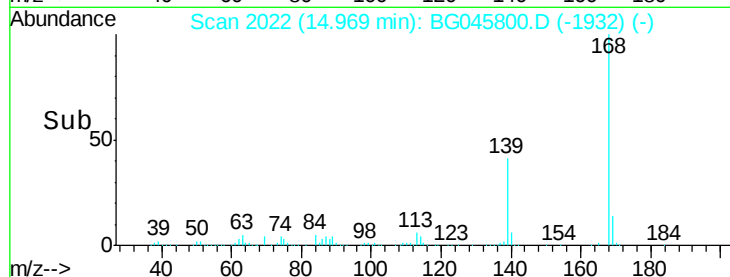
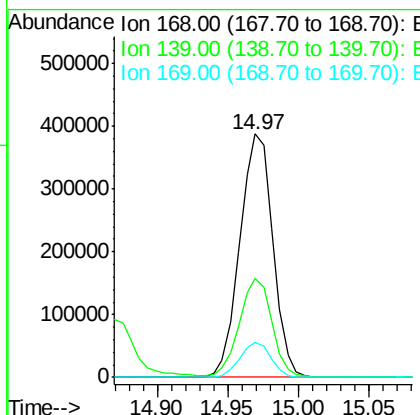
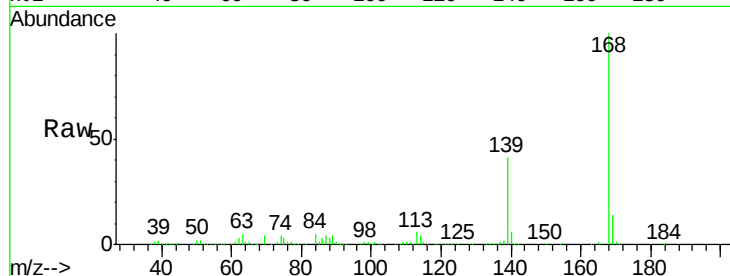




#55
Dibenzenofuran
Concen: 47.727 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

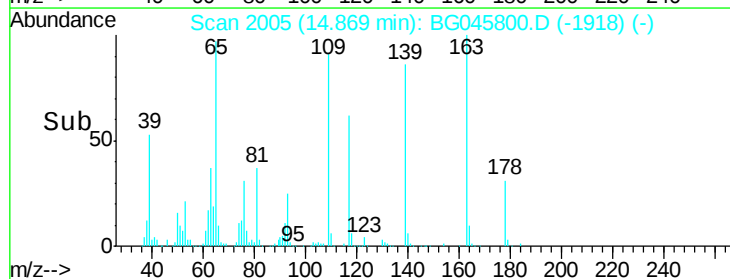
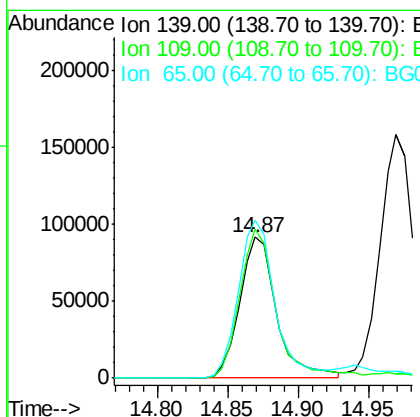
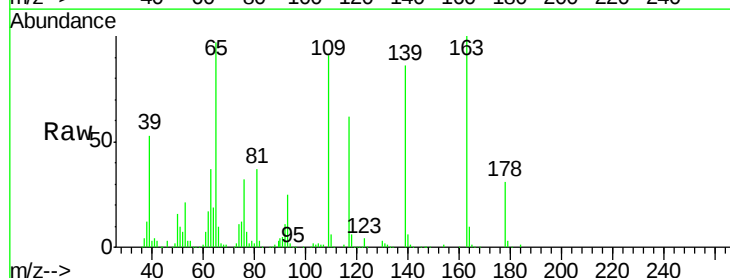
Instrument :
BNA_G
ClientSampleId :
PB129622BS

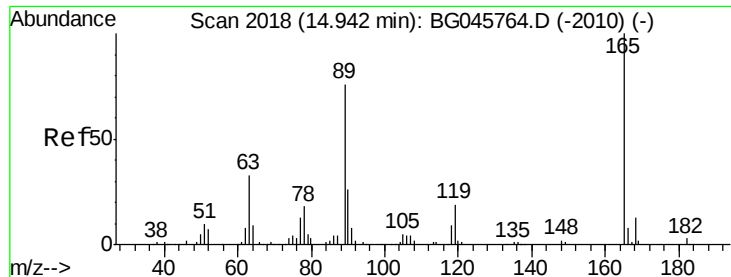
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.8	47.6
169	14.2	10.4	15.6



#56
4-Nitrophenol
Concen: 90.608 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.6	88.9	128.9
65	112.2	92.3	132.3

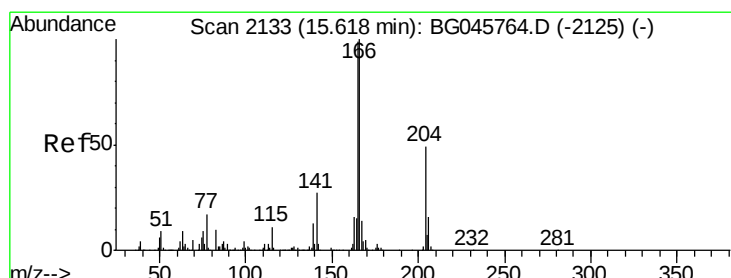
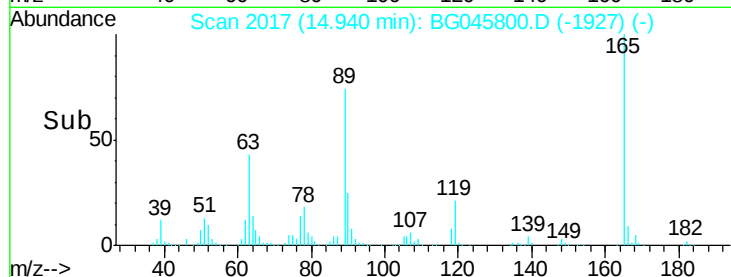
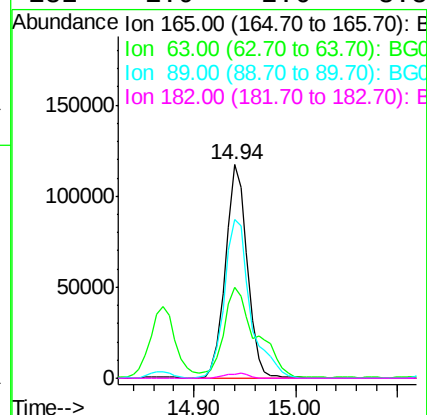
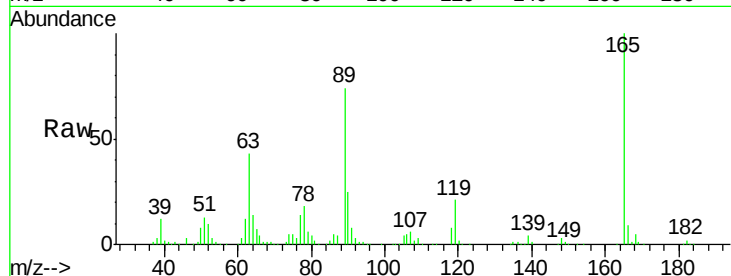




#57
2,4-Dinitrotoluene
Concen: 47.785 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

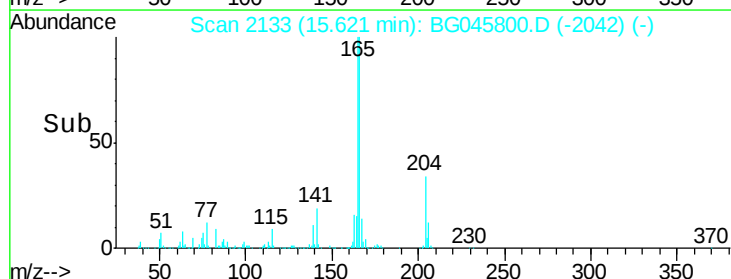
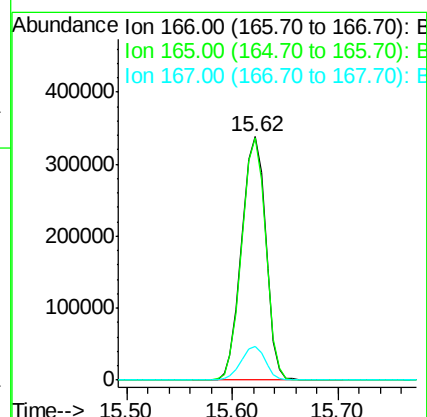
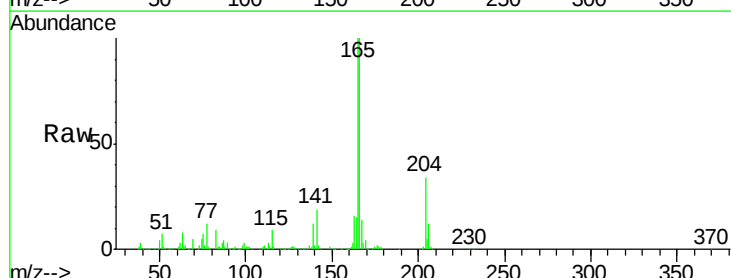
Instrument :
BNA_G
ClientSampleId :
PB129622BS

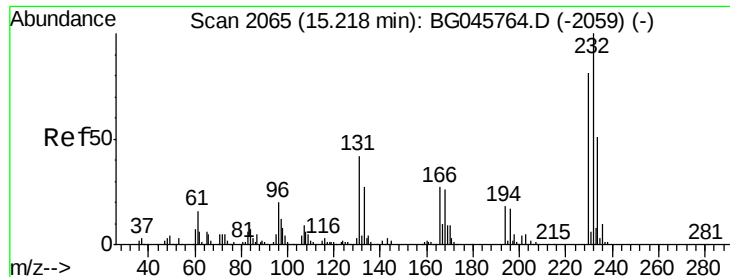
Tot Ion:	165	Resp:	175013
Ion	Ratio	Lower	Upper
165	100		
63	42.6	33.8	50.8
89	74.1	60.4	90.6
182	1.9	2.6	3.8#



#58
Fluorene
Concen: 48.419 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion:	166	Resp:	533537
Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.1	118.7
167	13.7	11.5	17.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.818 ng

RT: 15.22 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

Tot Ion:232 Resp: 159831

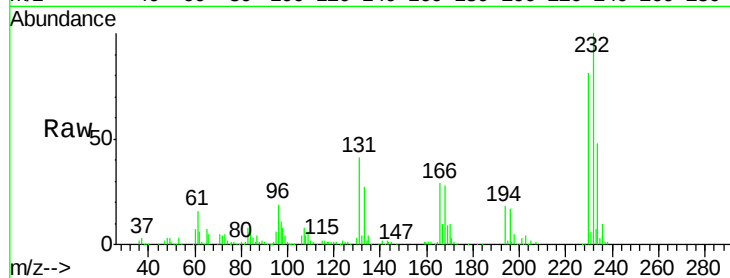
Ion Ratio Lower Upper

232 100

131 41.7 32.2 48.2

130 2.5 2.2 3.4

166 28.7 21.3 31.9

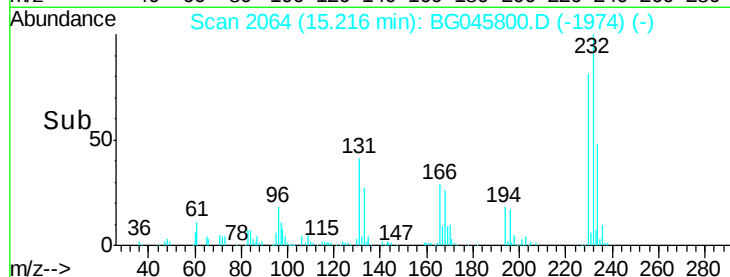


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

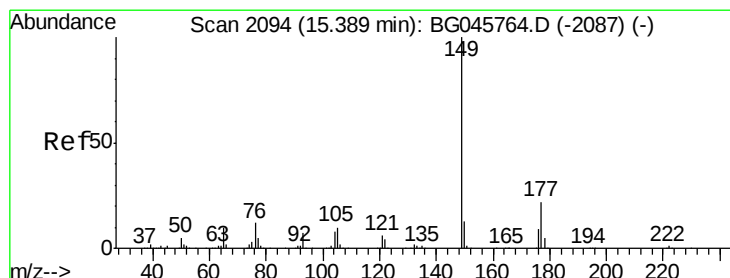
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->

15.15 15.20 15.25 15.30



#60

Diethylphthalate

Concen: 47.969 ng

RT: 15.39 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

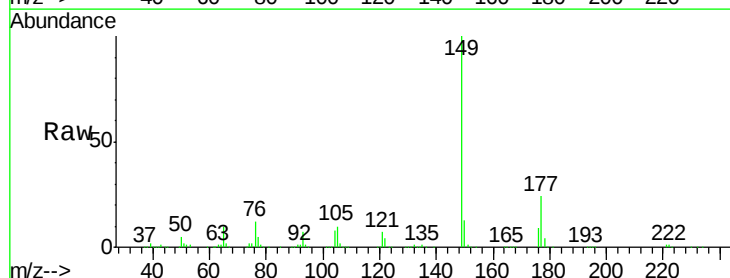
Tgt Ion:149 Resp: 558095

Ion Ratio Lower Upper

149 100

177 24.1 17.2 25.8

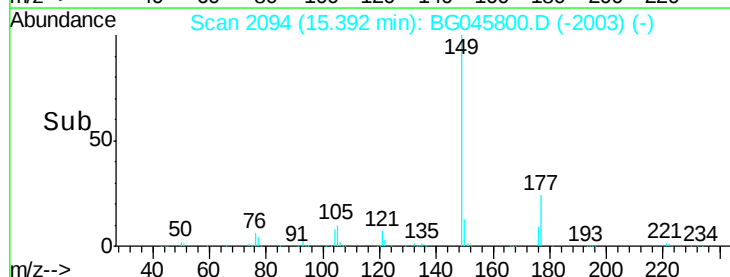
150 13.3 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

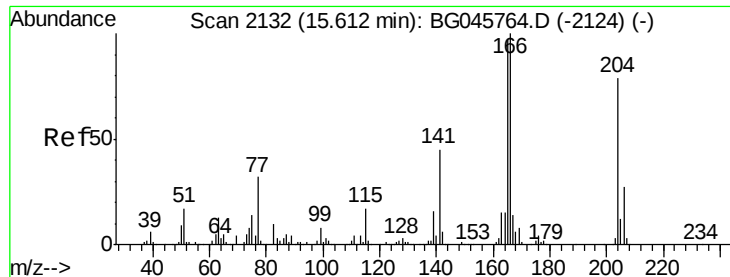
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

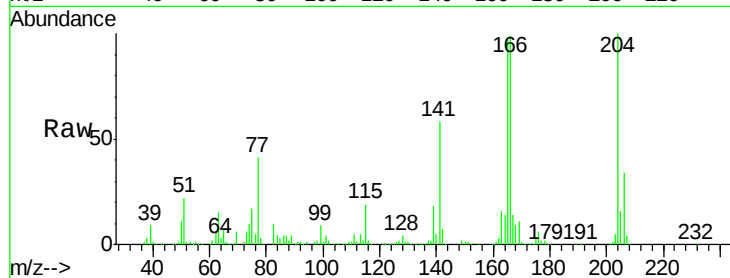
15.30 15.40 15.50



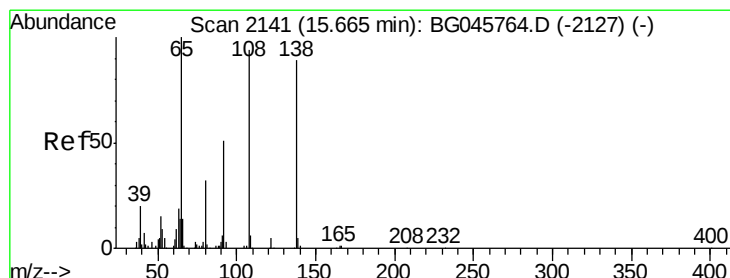
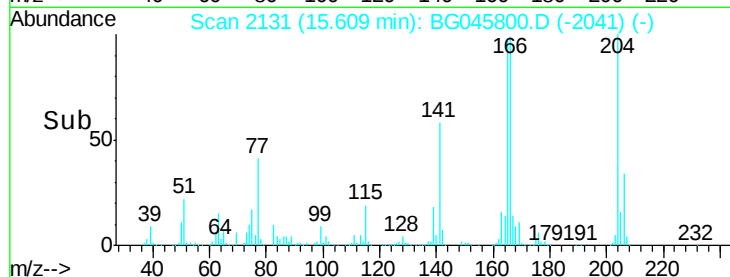
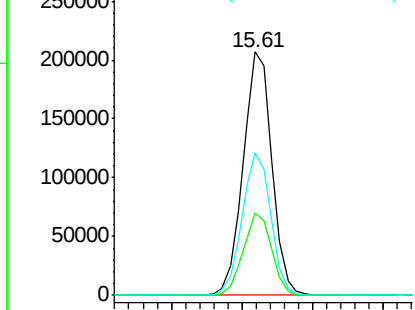
#61
4-Chlorophenyl-phenylether
Concen: 46.256 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion:204 Resp: 293770
Ion Ratio Lower Upper
204 100
206 34.1 27.2 40.8
141 58.5 45.9 68.9

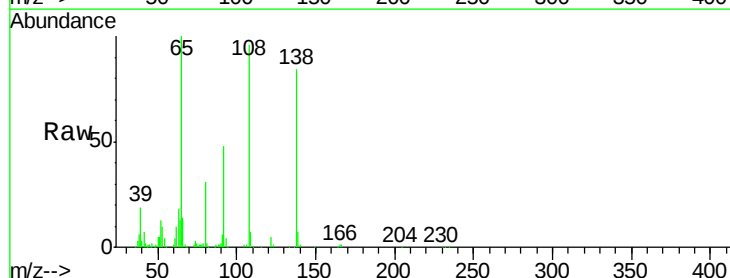


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

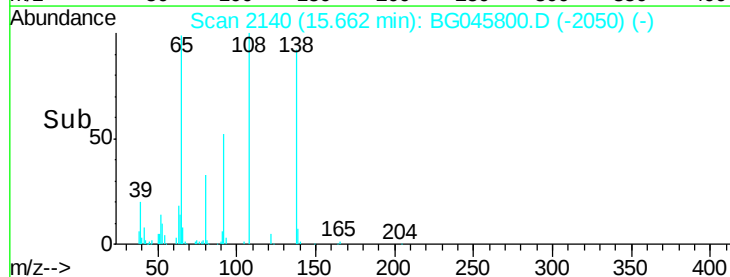
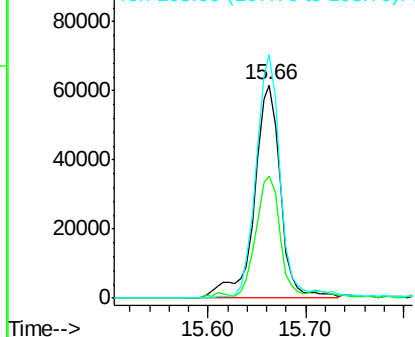


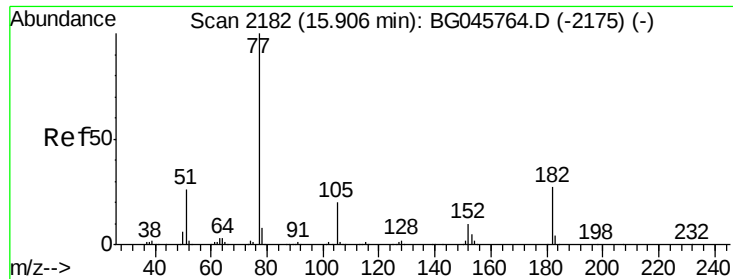
#62
4-Nitroaniline
Concen: 44.388 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion:138 Resp: 116314
Ion Ratio Lower Upper
138 100
92 57.4 37.3 77.3
108 114.3 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

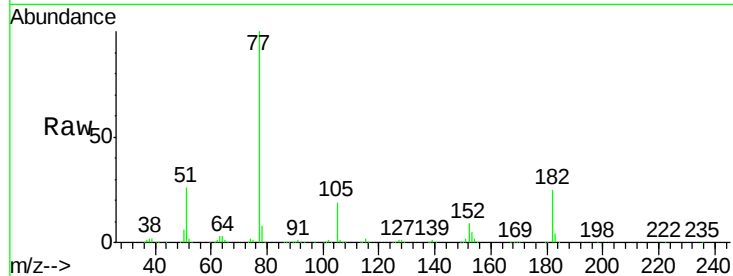




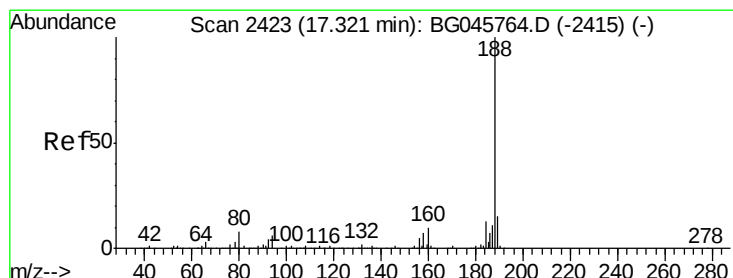
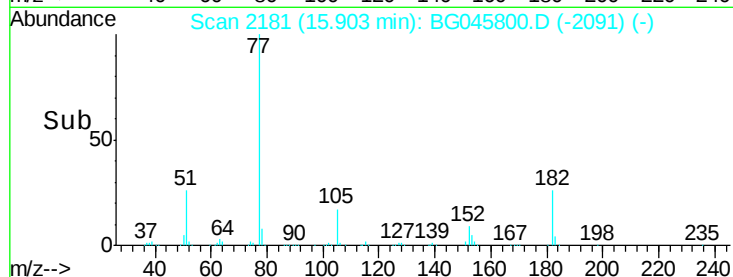
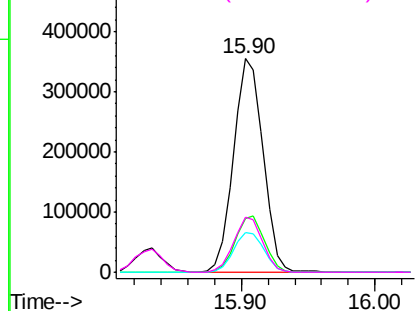
#63
Azobenzene
Concen: 48.591 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion: 77 Resp: 542824
Ion Ratio Lower Upper
77 100
182 25.4 7.4 47.4
105 18.6 0.1 40.1
51 25.7 5.7 45.7

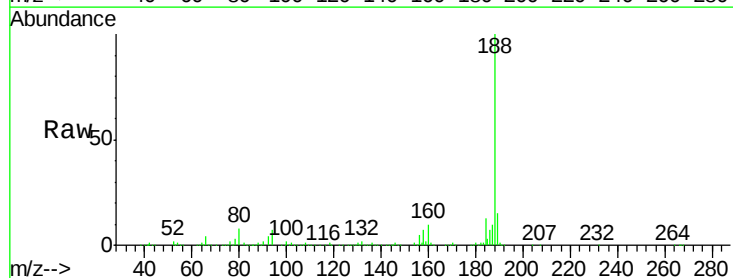


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

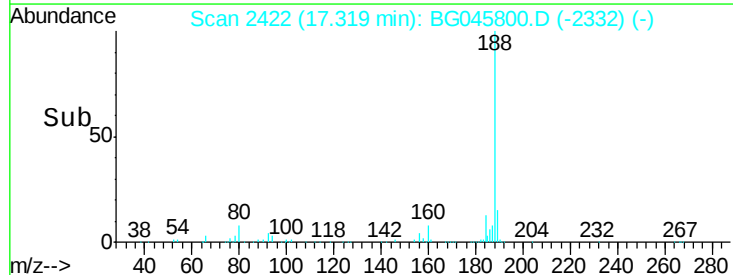
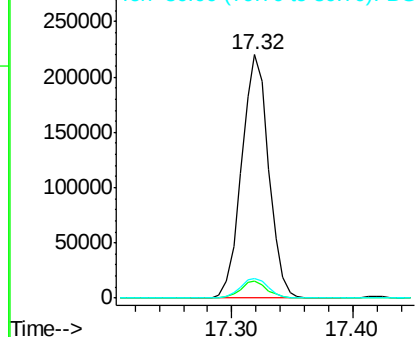


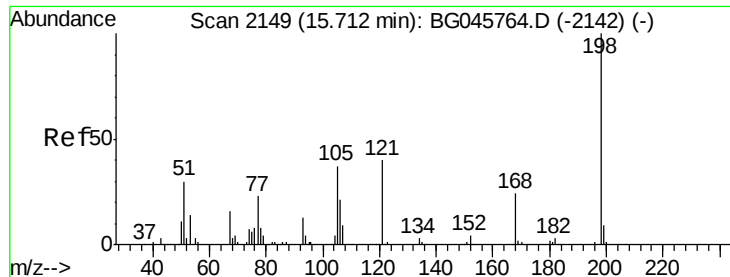
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion: 188 Resp: 343512
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 8.1 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: 52.015 ng

RT: 15.72 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

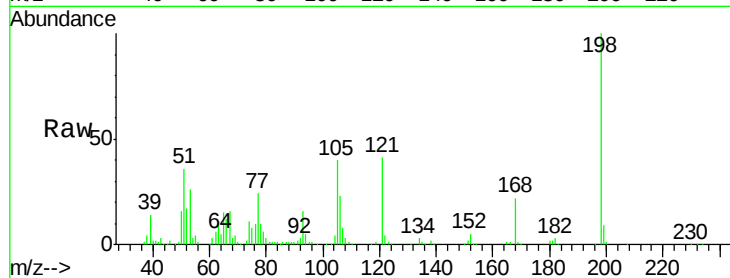
Tot Ion:198 Resp: 110422

Ion Ratio Lower Upper

198 100

51 35.9 14.6 54.6

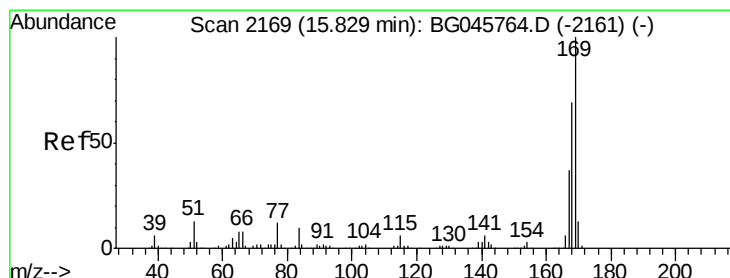
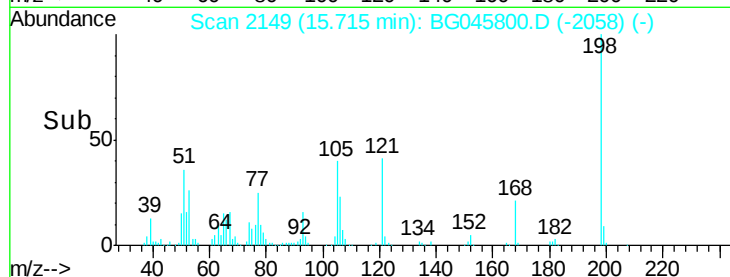
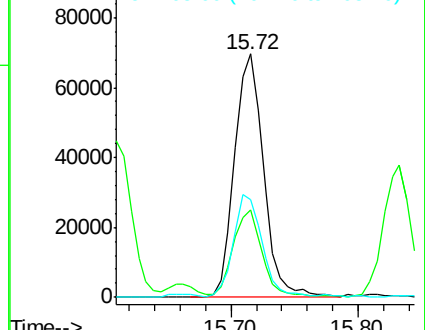
105 39.9 18.4 58.4



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: 47.959 ng

RT: 15.83 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

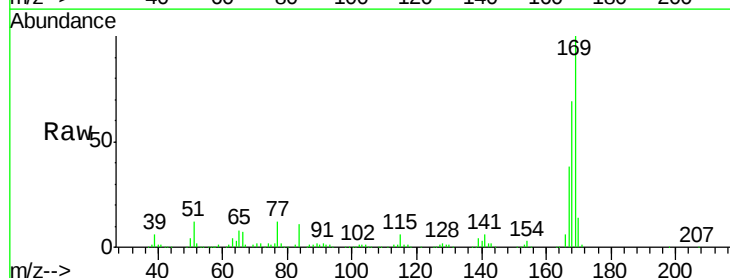
Tgt Ion:169 Resp: 466629

Ion Ratio Lower Upper

169 100

168 69.4 55.2 82.8

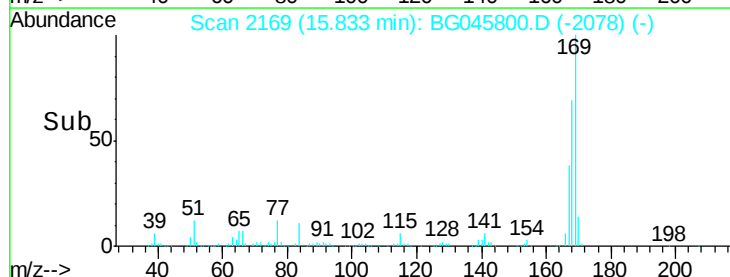
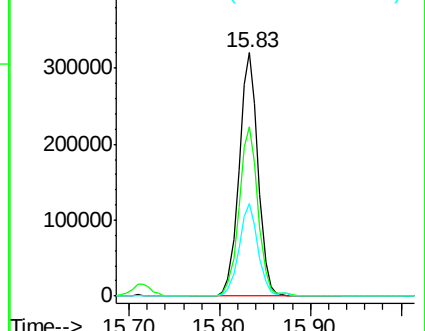
167 38.0 29.8 44.6

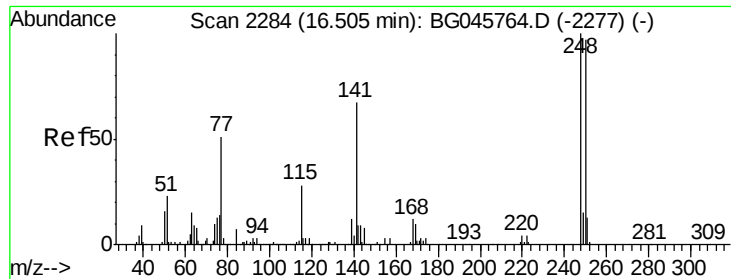


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

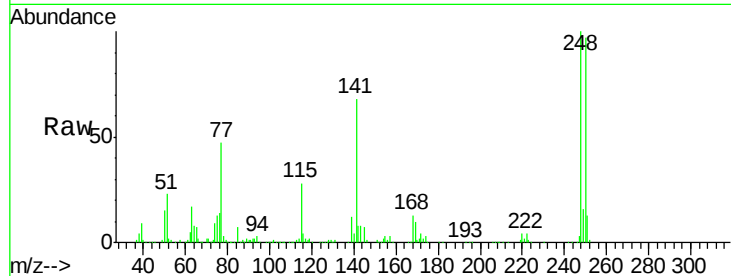




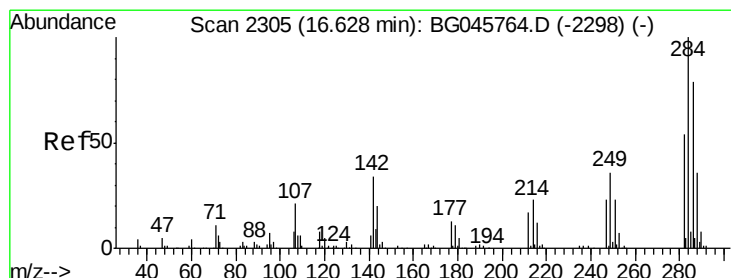
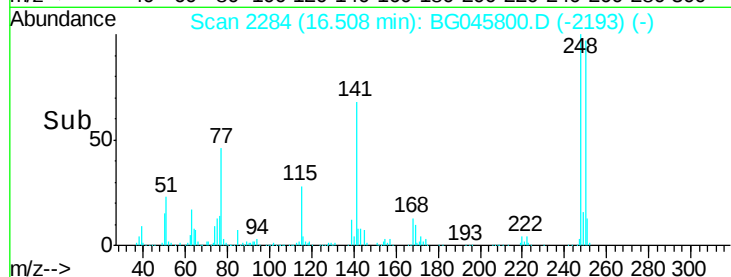
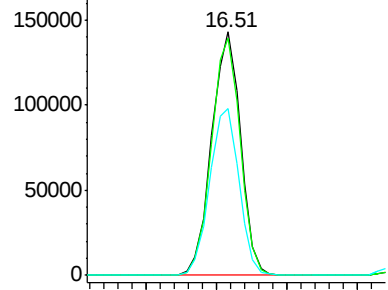
#67
4-Bromophenyl-phenylether
Concen: 45.857 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion:248 Resp: 204684
Ion Ratio Lower Upper
248 100
250 97.2 78.0 117.0
141 68.5 53.9 80.9

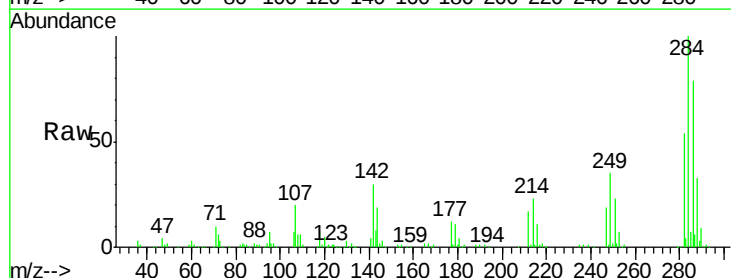


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

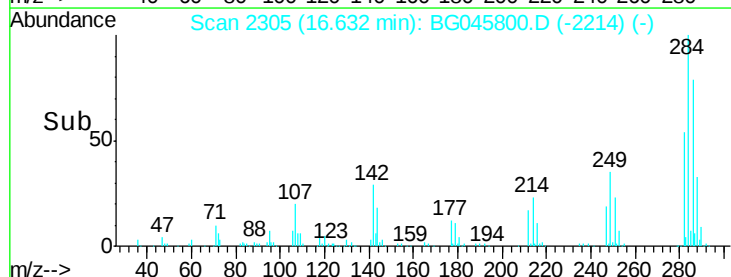
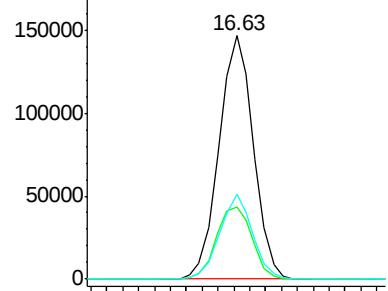


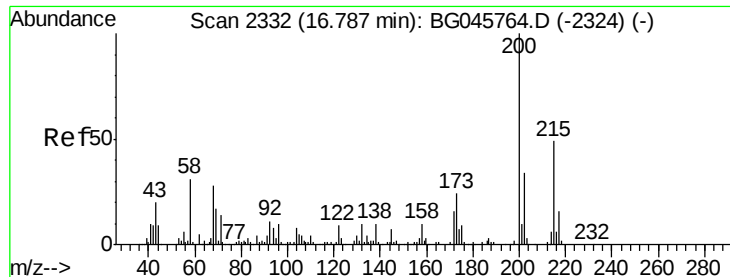
#68
Hexachlorobenzene
Concen: 47.563 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion:284 Resp: 220140
Ion Ratio Lower Upper
284 100
142 29.7 26.9 40.3
249 34.7 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: 46.545 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

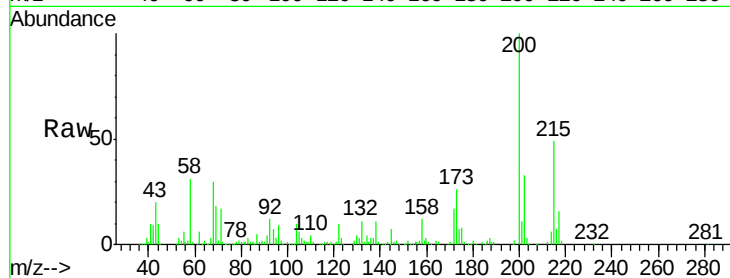
Tot Ion:200 Resp: 175731

Ion Ratio Lower Upper

200 100

173 26.0 3.9 43.9

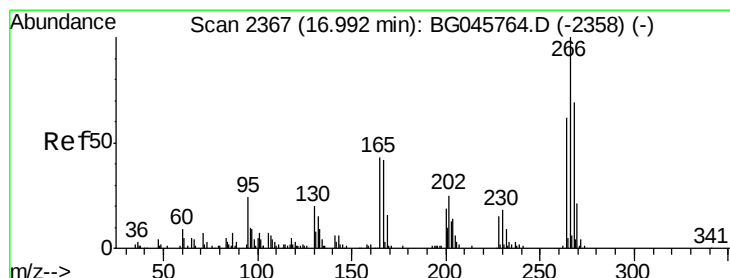
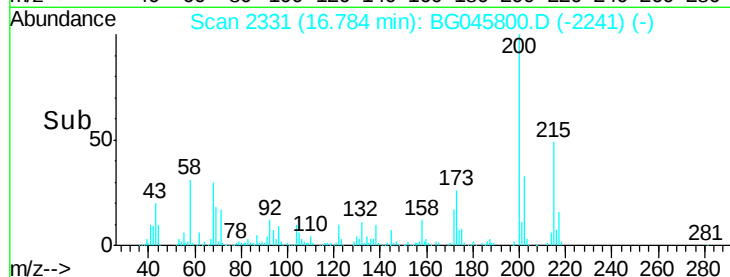
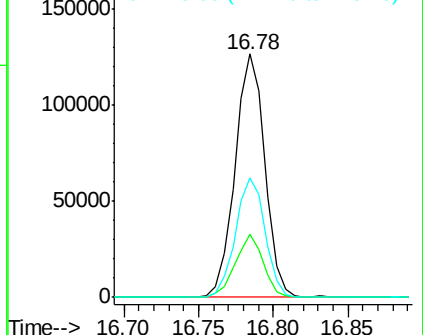
215 49.1 28.8 68.8



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: 92.452 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

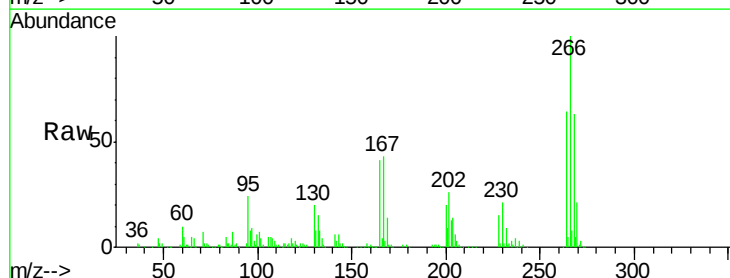
Tgt Ion:266 Resp: 214030

Ion Ratio Lower Upper

266 100

268 63.1 55.4 83.0

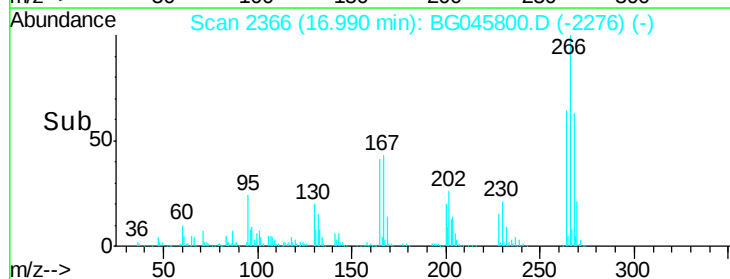
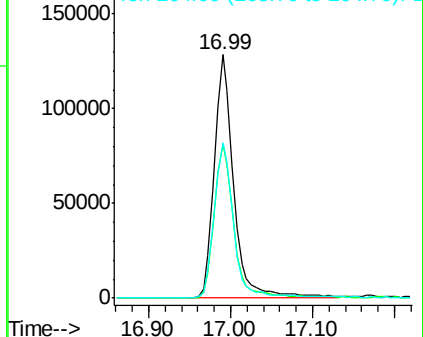
264 63.8 49.8 74.6

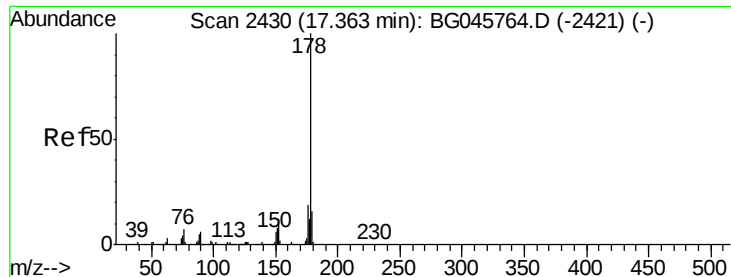


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.972 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

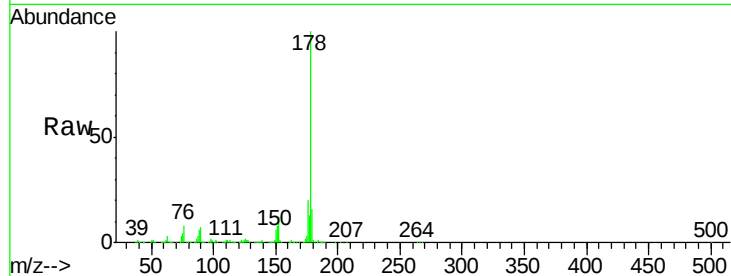
Tot Ion:178 Resp: 832172

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

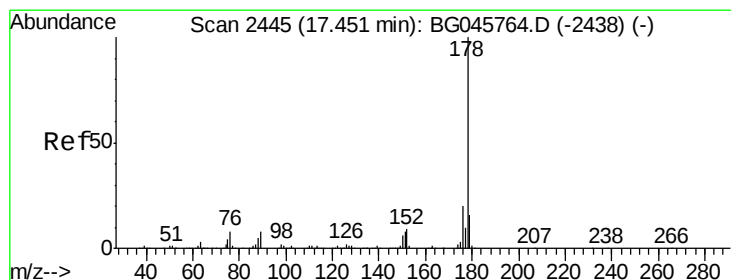
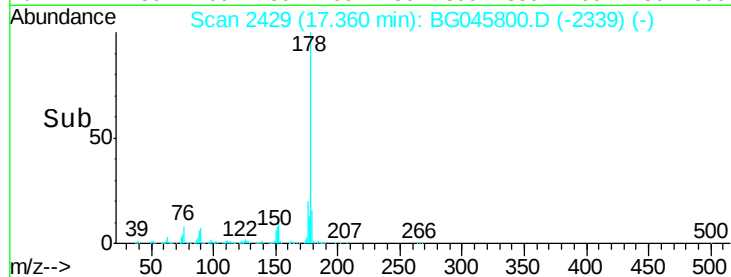
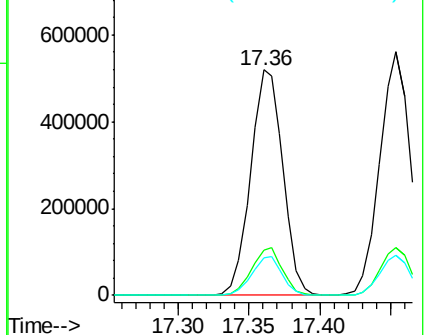
179 16.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.498 ng

RT: 17.45 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

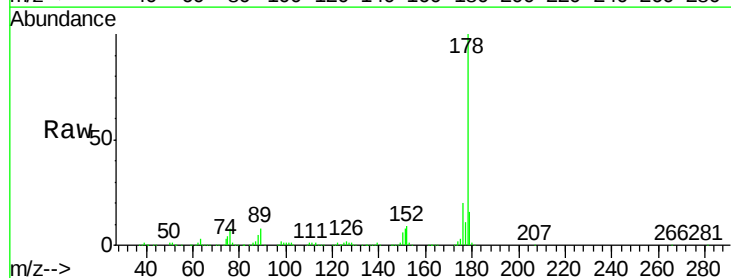
Tgt Ion:178 Resp: 855601

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

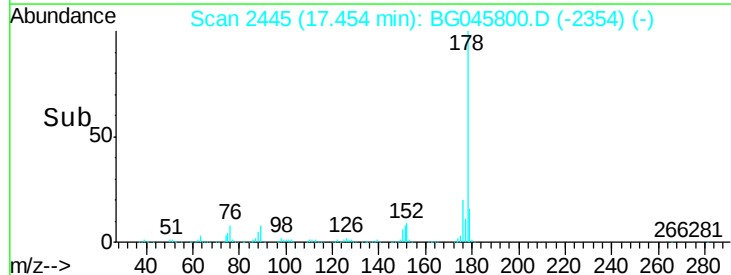
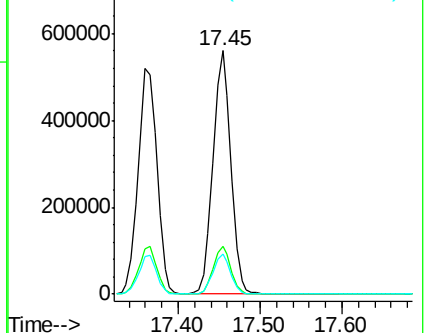
179 16.3 13.1 19.7

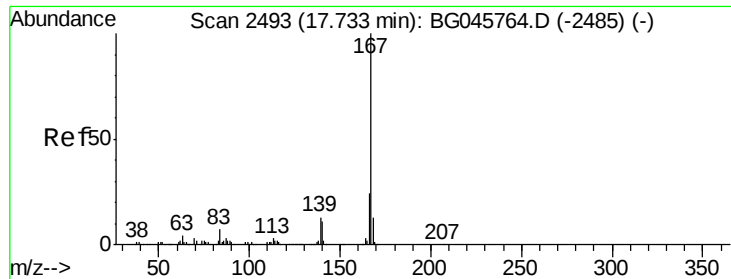


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

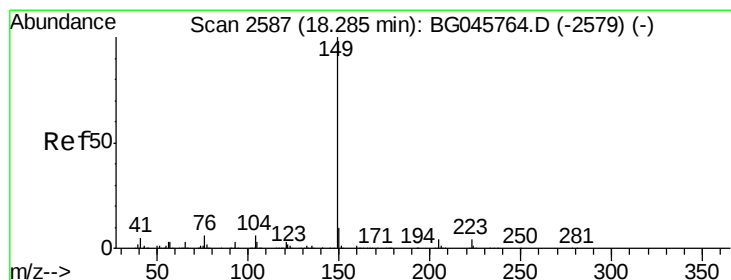
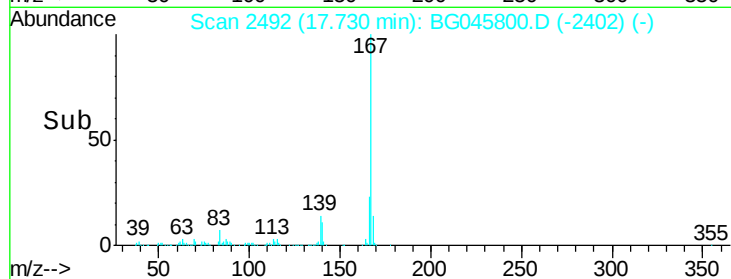
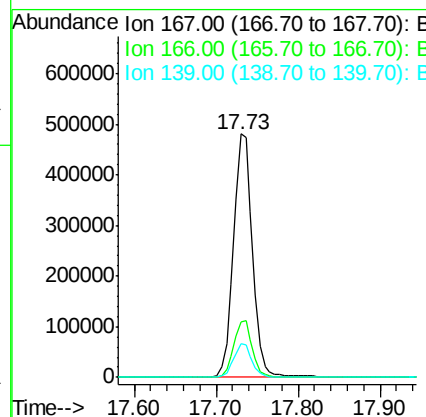
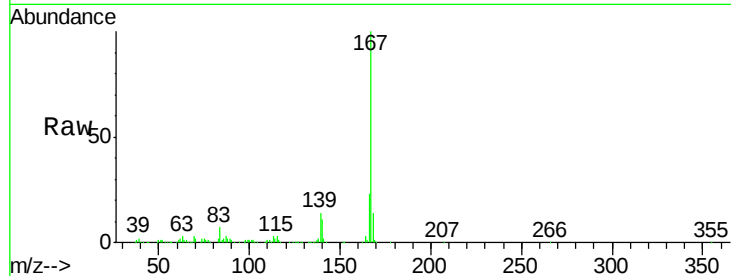




#73
 Carbazole
 Concen: 46.358 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

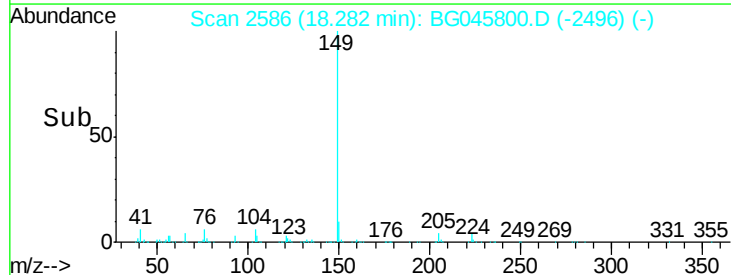
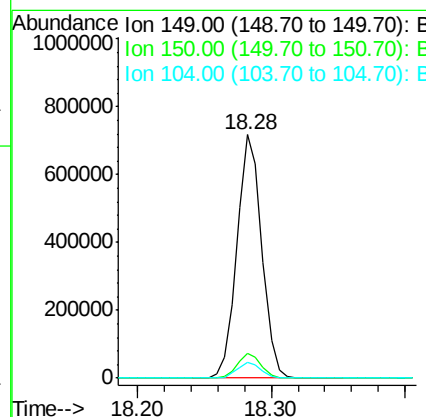
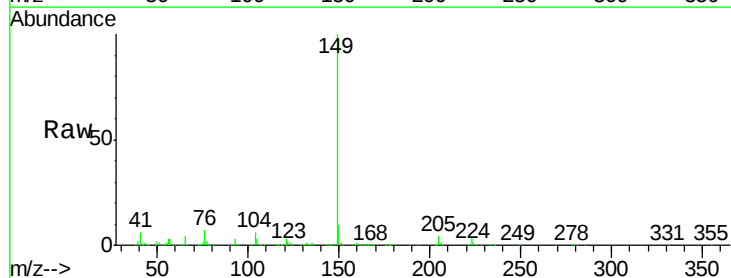
Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

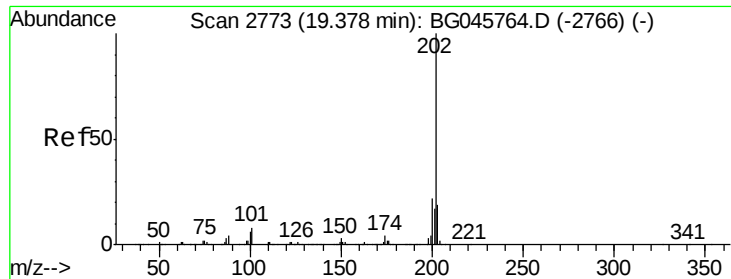
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.9	28.3
139	13.8	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 46.555 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.3	5.1	7.7





#75

Fluoranthene

Concen: 47.080 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

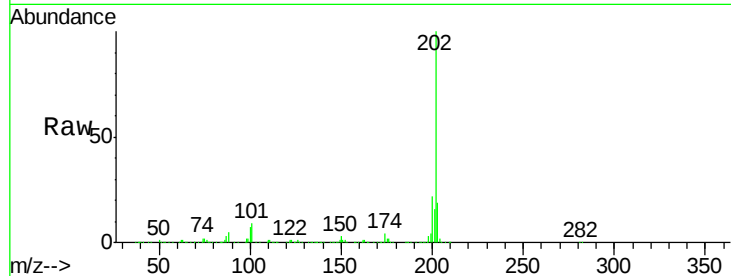
Tot Ion:202 Resp: 1025648

Ion Ratio Lower Upper

202 100

101 8.6 0.0 27.7

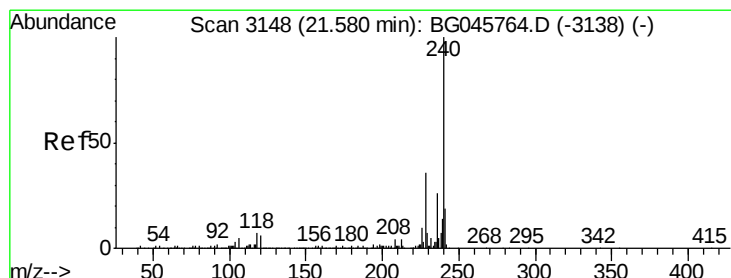
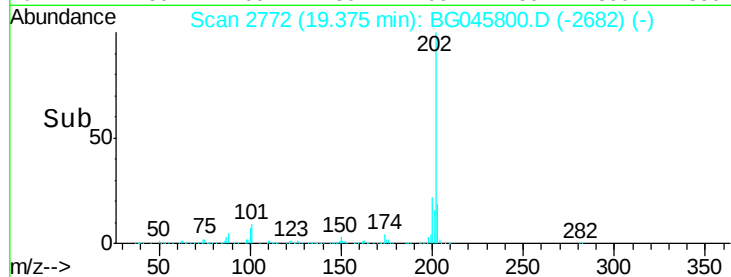
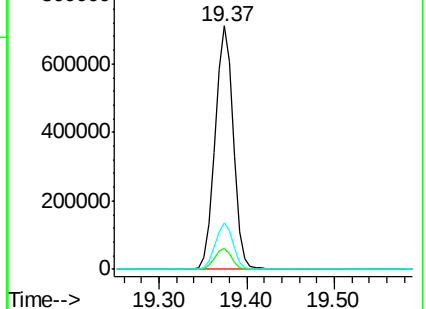
203 19.2 0.0 38.7



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: BG045800.D

Acq: 18 Jun 2020 19:41

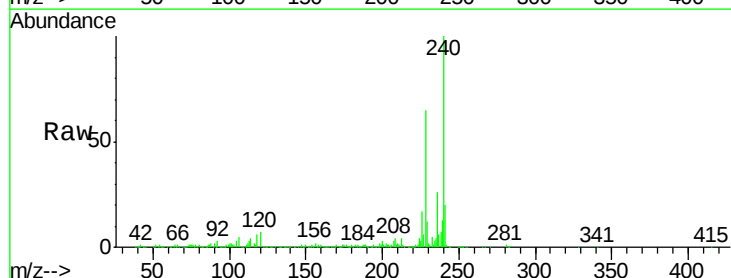
Tgt Ion:240 Resp: 310226

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.4

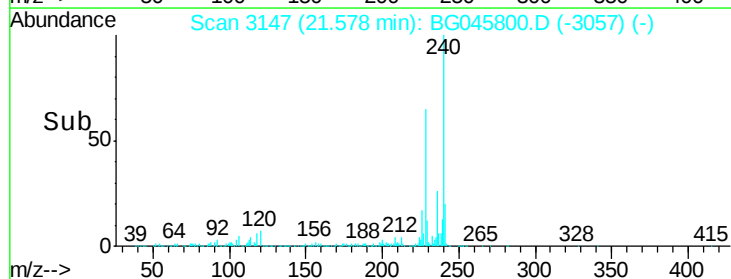
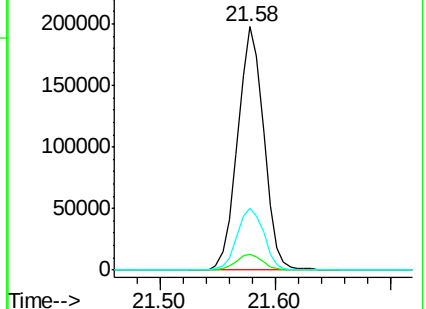
236 25.6 20.6 30.8

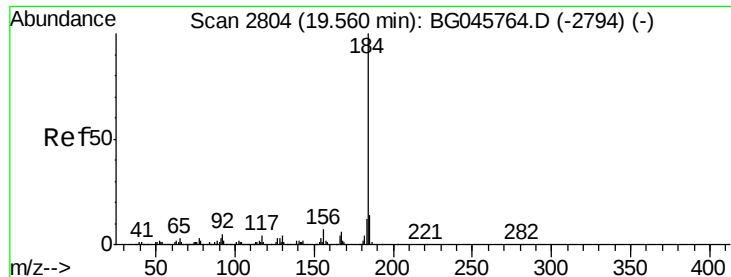


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.515 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

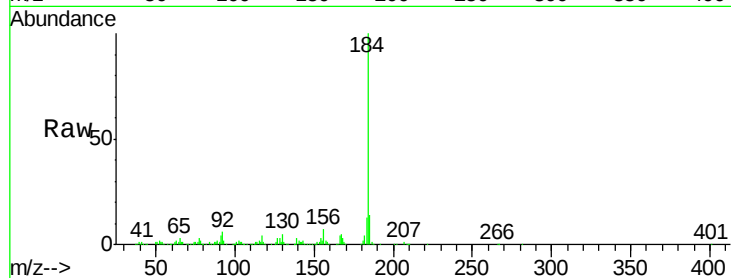
Tot Ion:184 Resp: 350944

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

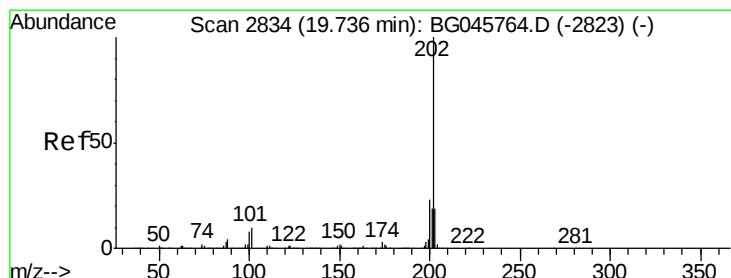
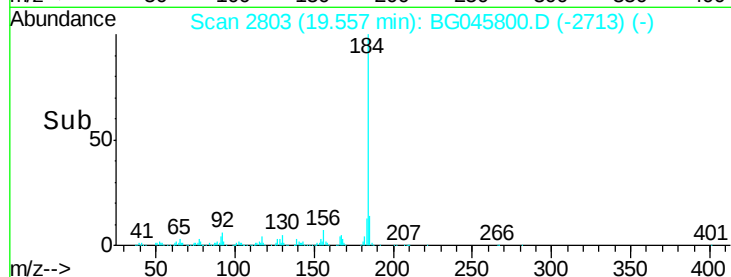
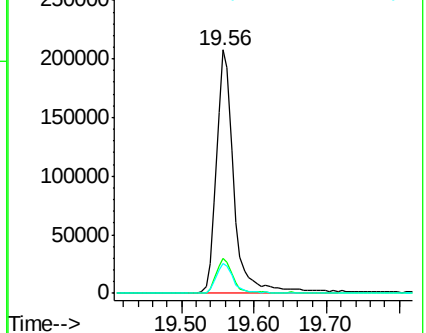
183 12.5 9.7 14.5



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: 48.336 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

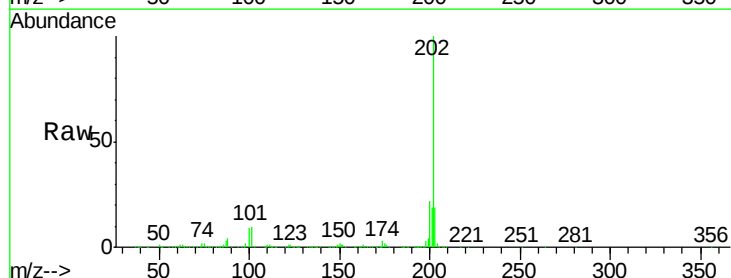
Tgt Ion:202 Resp: 1004134

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.2

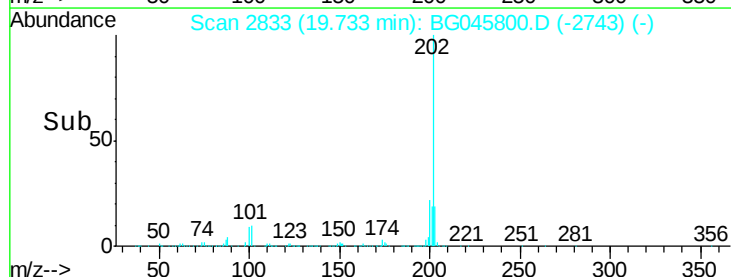
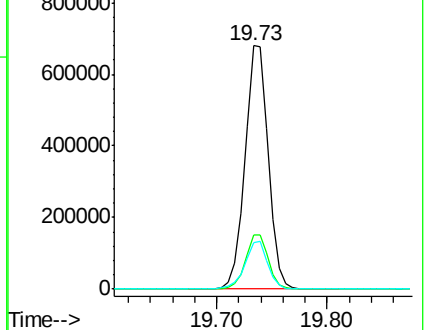
203 19.3 14.8 22.2

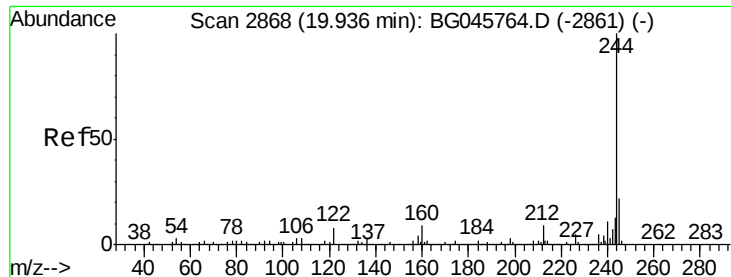


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.741 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

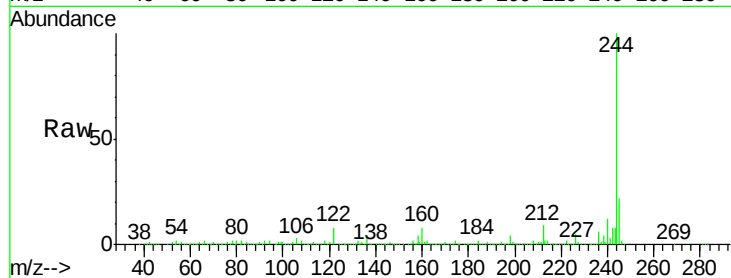
Tot Ion:244 Resp: 1496194

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

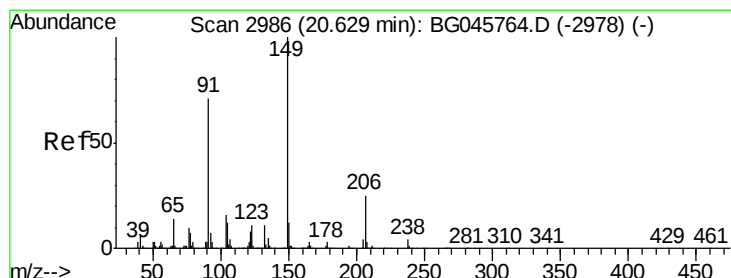
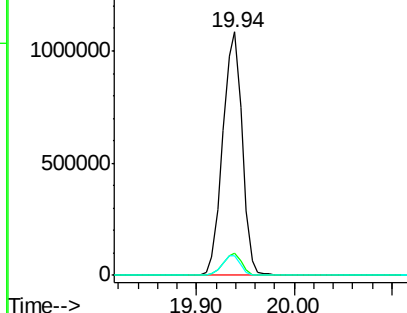
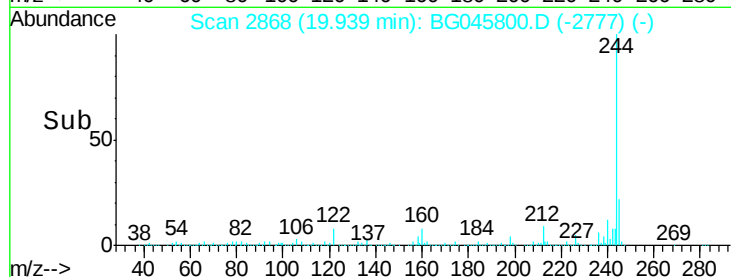
122 8.3 6.4 9.6



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: 48.024 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

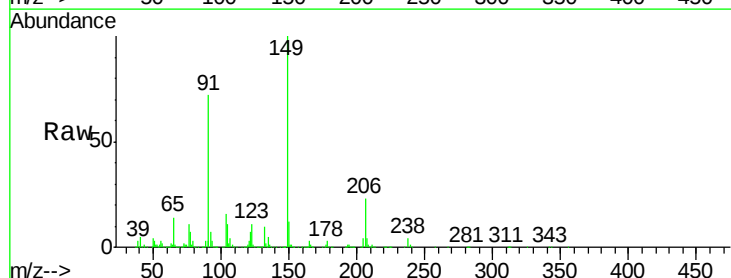
Tgt Ion:149 Resp: 417591

Ion Ratio Lower Upper

149 100

91 72.4 56.4 84.6

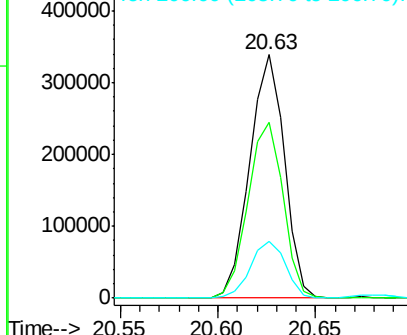
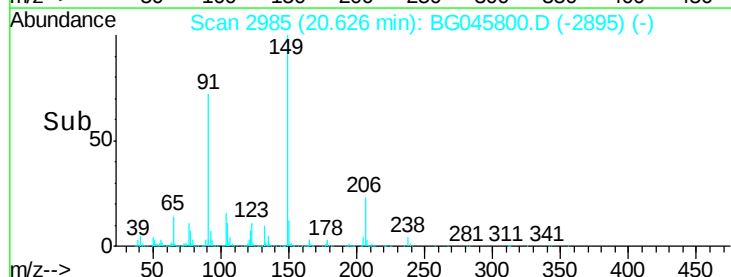
206 23.4 19.8 29.6

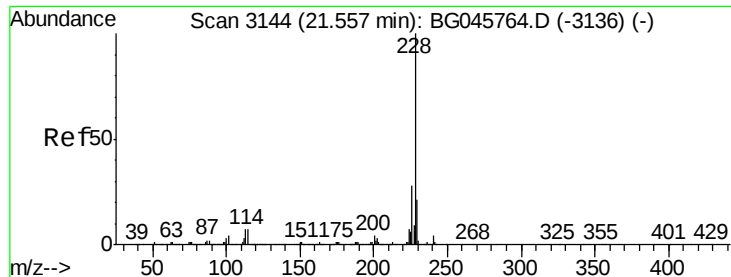


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.651 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

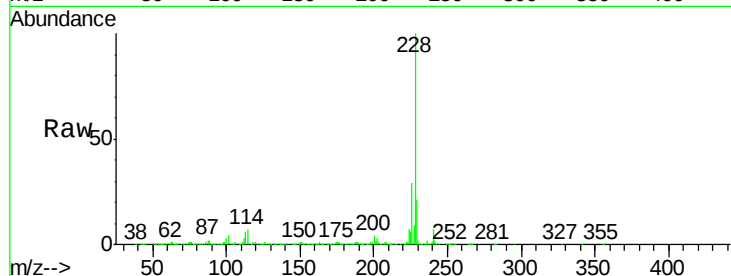
Tot Ion:228 Resp: 958412

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

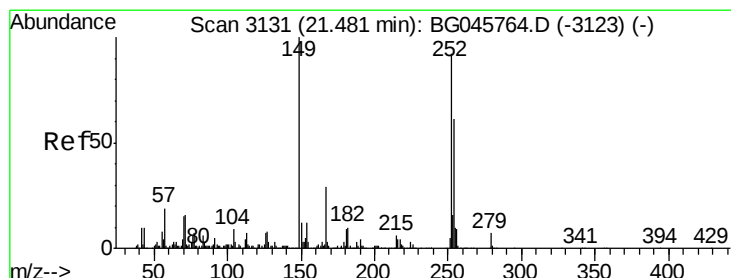
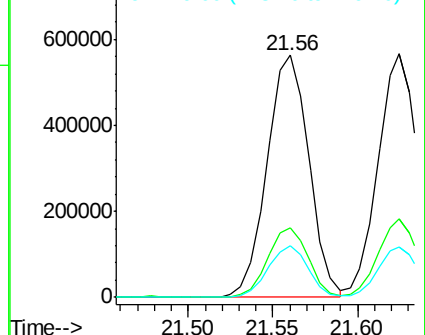
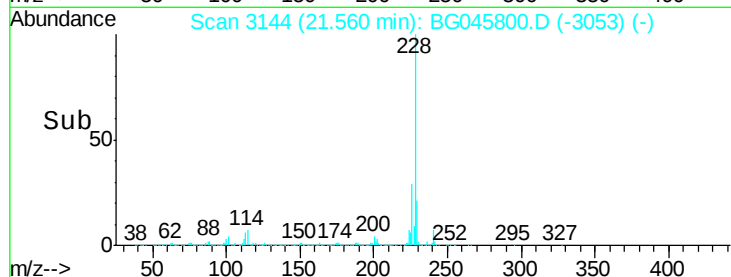
229 21.5 16.6 24.8



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: 32.144 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

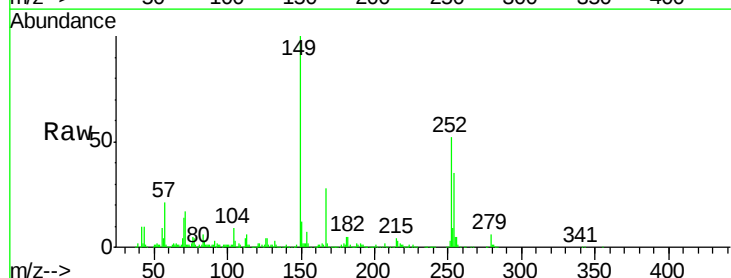
Tgt Ion:252 Resp: 244553

Ion Ratio Lower Upper

252 100

254 67.0 53.4 80.0

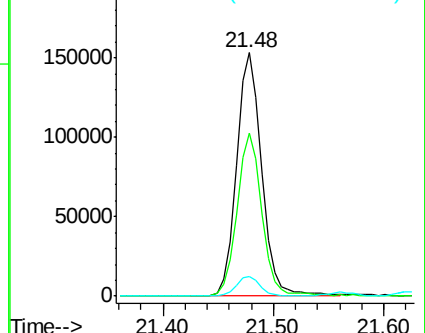
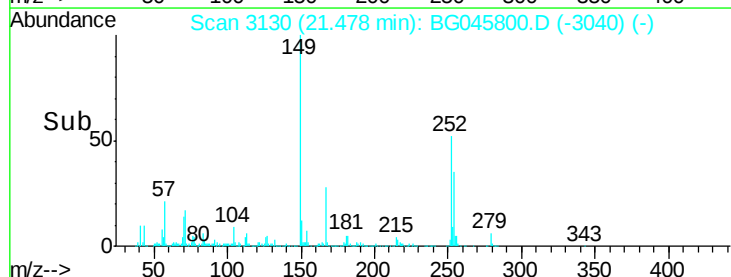
126 8.3 5.8 8.8

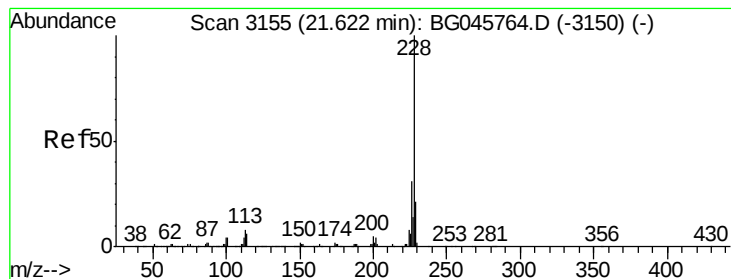


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.526 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

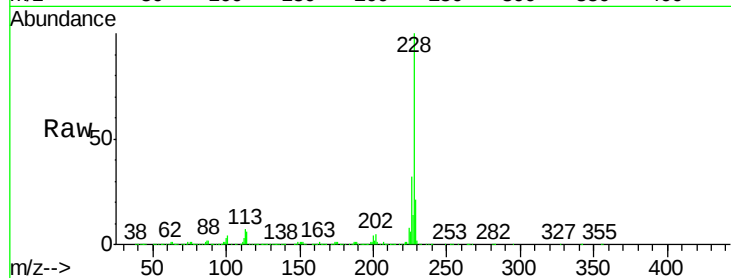
BNA_G

ClientSampleId :

PB129622BS

Tot Ion:228 Resp: 924567

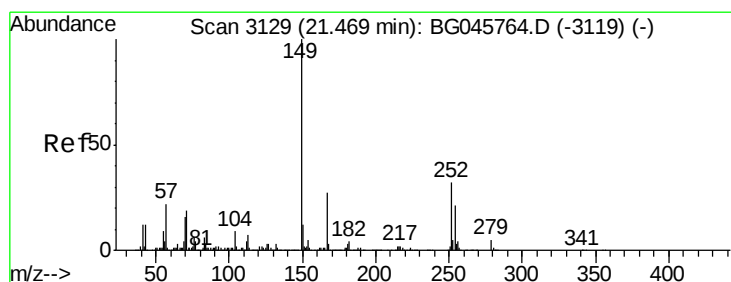
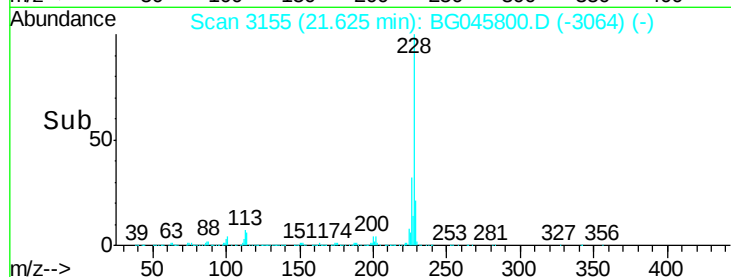
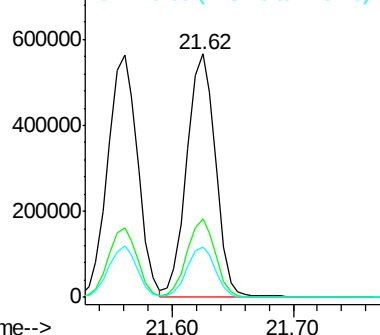
Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.1	37.7
229	20.8	16.4	24.6



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: 47.697 ng

RT: 21.47 min Scan# 3129

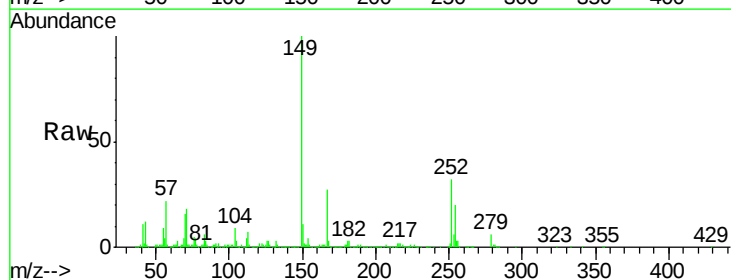
Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion:149 Resp: 576888

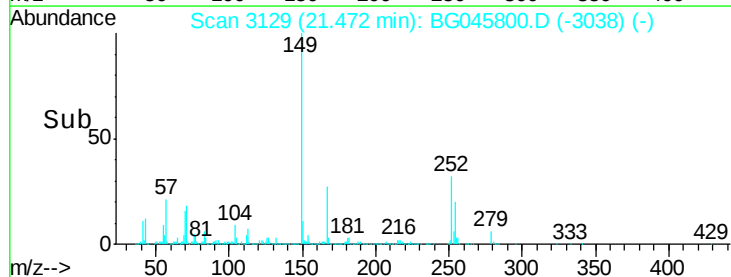
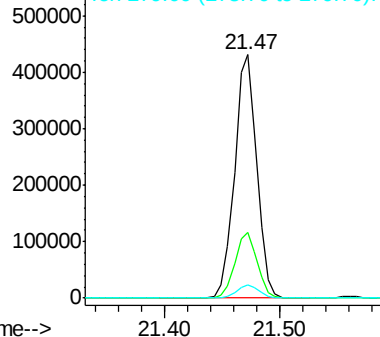
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	5.6	3.7	5.5#

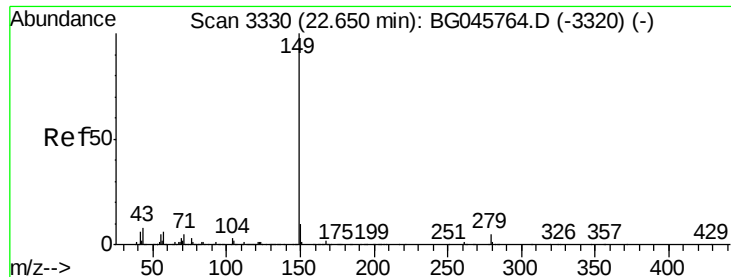


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.734 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

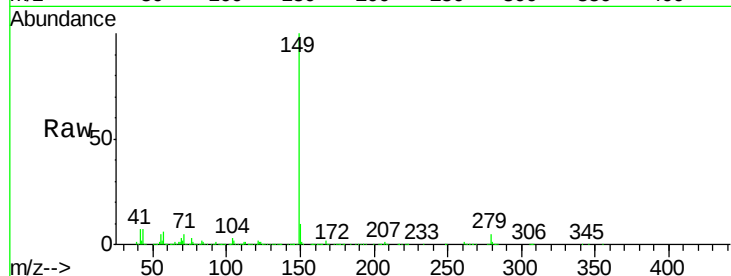
Tot Ion:149 Resp: 954138

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

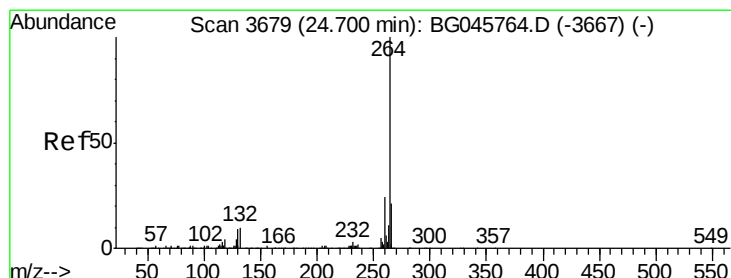
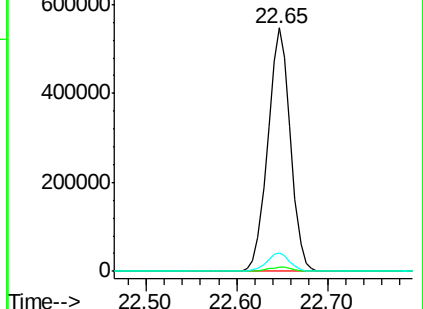
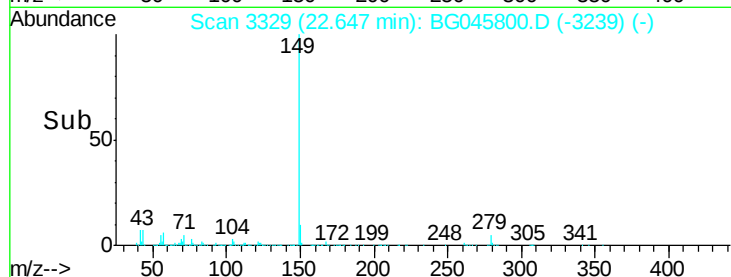
43 7.6 5.9 8.9



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: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

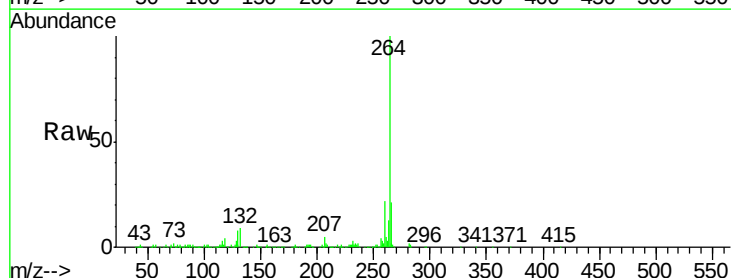
Tgt Ion:264 Resp: 328840

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.4

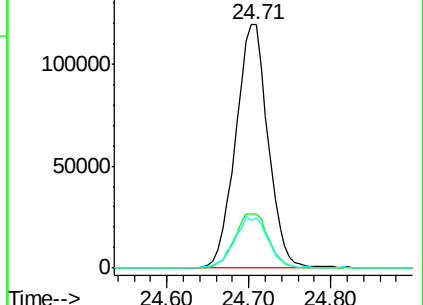
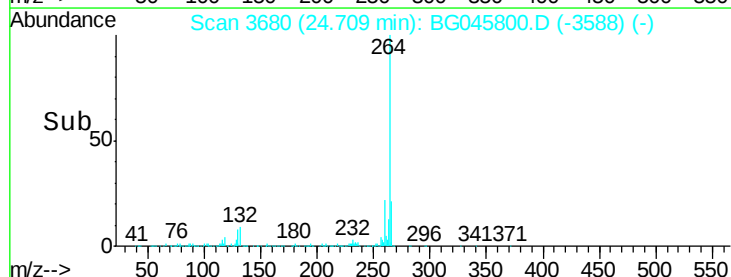
265 20.7 17.4 26.0

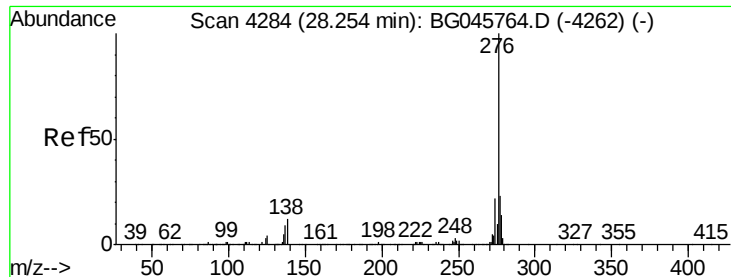


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

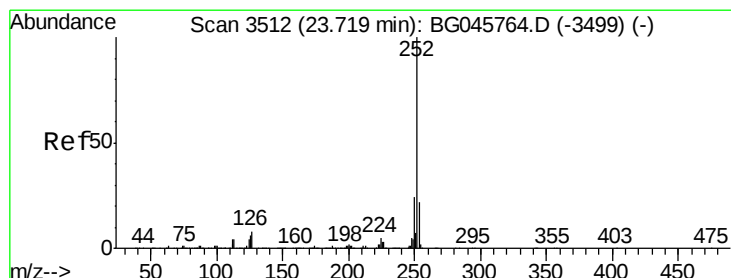
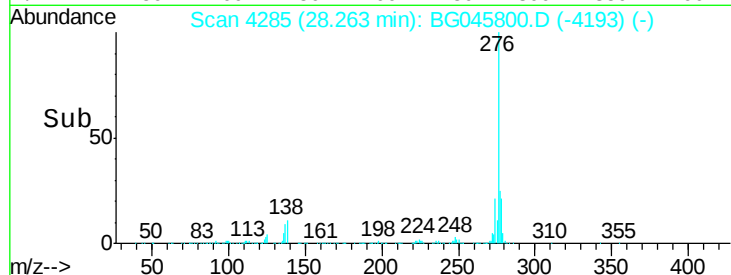
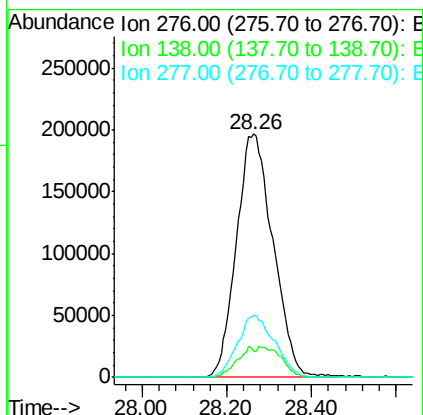
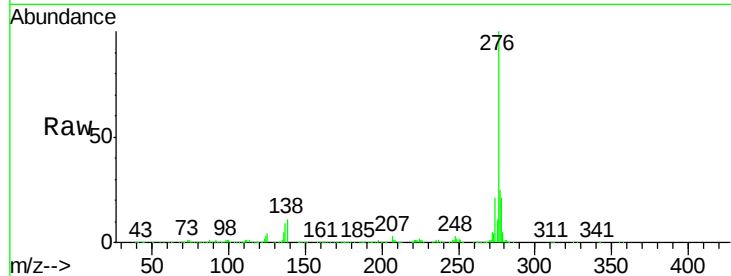




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.589 ng
 RT: 28.26 min Scan# 4285
 Delta R.T. 0.01 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

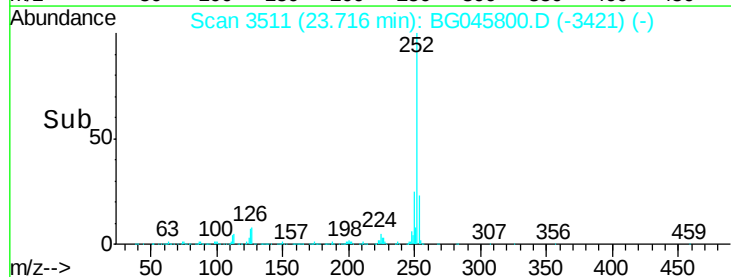
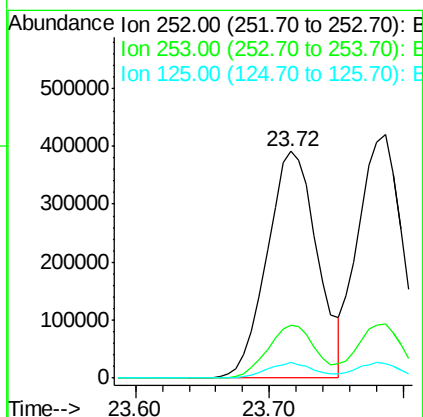
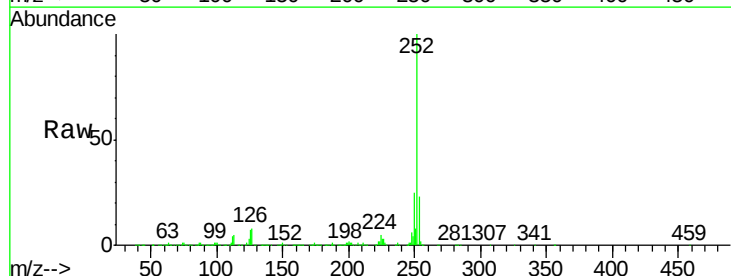
Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

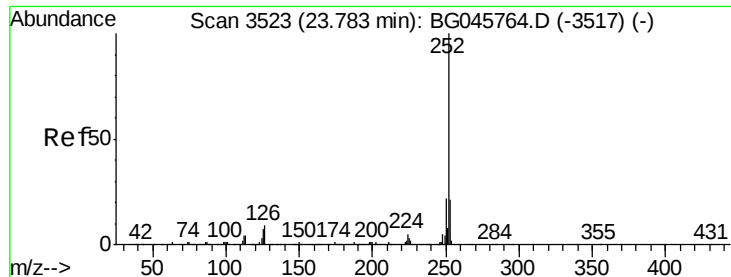
Tot Ion:276 Resp: 1182185
 Ion Ratio Lower Upper
 276 100
 138 5.8 5.4 8.0
 277 25.6 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 49.574 ng
 RT: 23.72 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion:252 Resp: 1022109
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.4 26.0
 125 6.8 5.0 7.4





#89

Benzo(k)fluoranthene

Concen: 48.951 ng

RT: 23.79 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

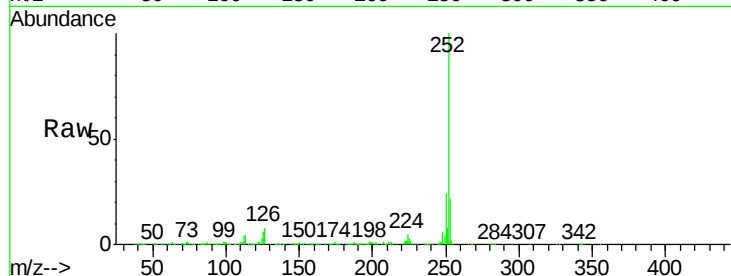
Tot Ion:252 Resp: 965954

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

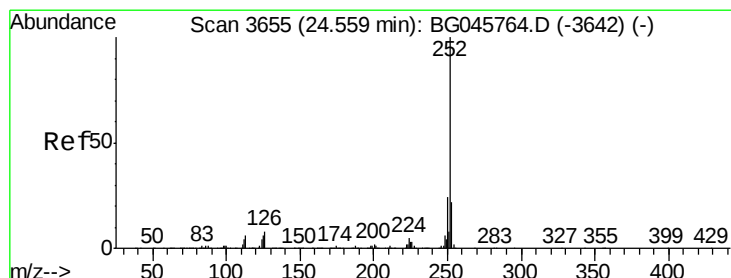
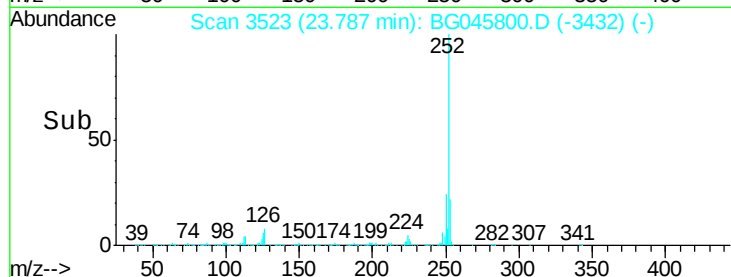
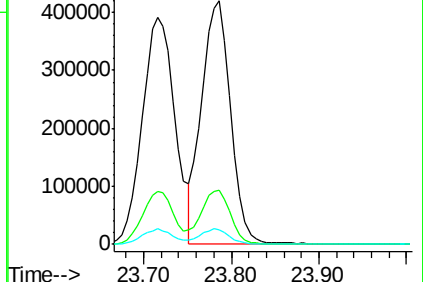
125 5.9 5.2 7.8



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: 47.873 ng

RT: 24.56 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

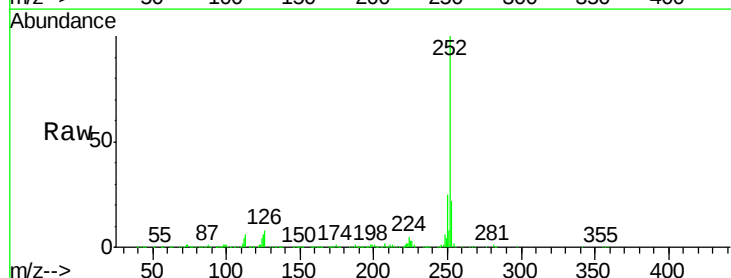
Tgt Ion:252 Resp: 922034

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

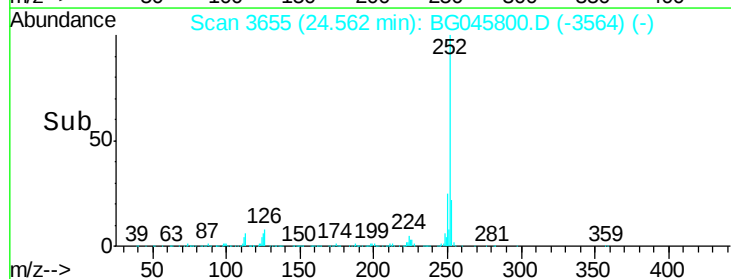
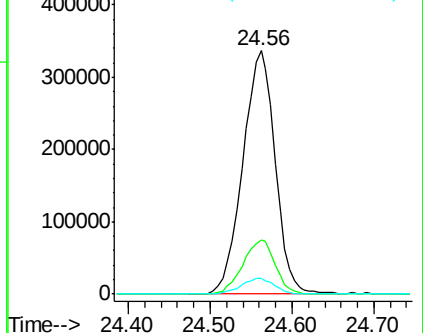
125 6.4 5.0 7.6

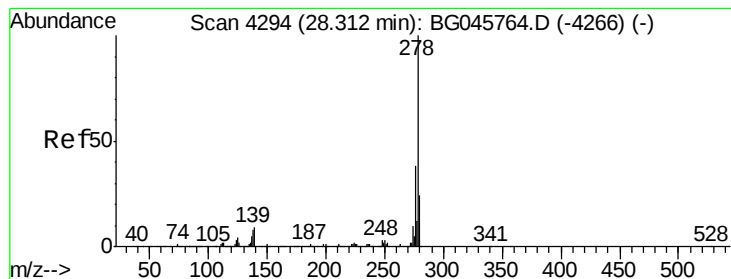


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.620 ng

RT: 28.32 min Scan# 4294

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

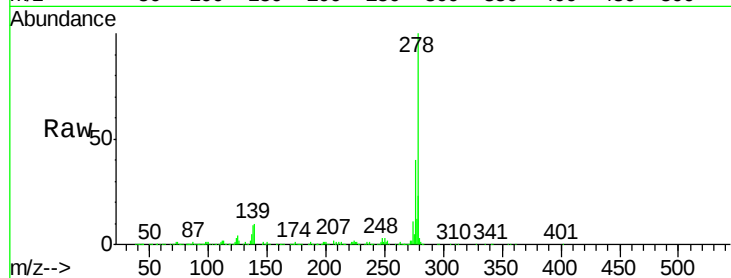
Tot Ion:278 Resp: 967700

Ion Ratio Lower Upper

278 100

139 9.9 7.3 10.9

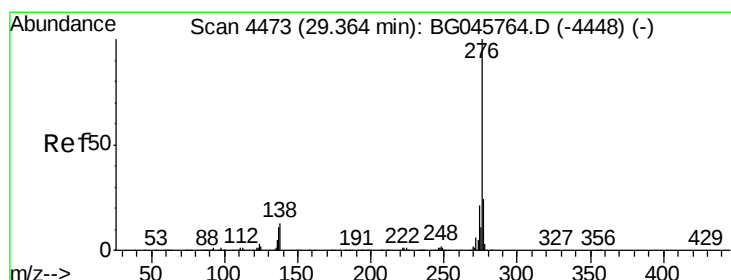
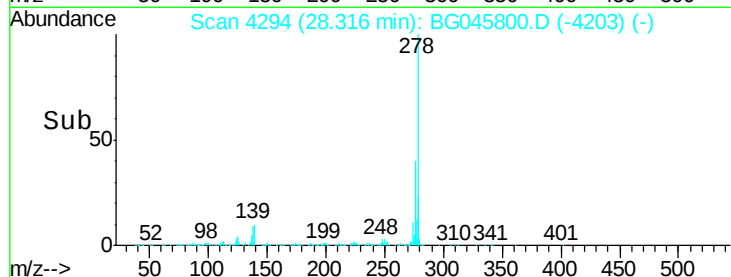
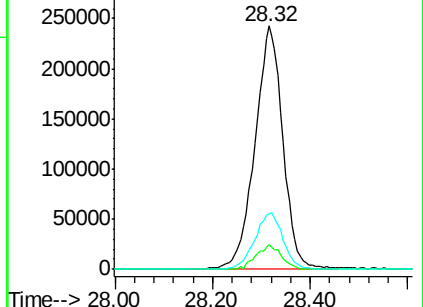
279 23.0 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.574 ng

RT: 29.37 min Scan# 4474

Delta R.T. 0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

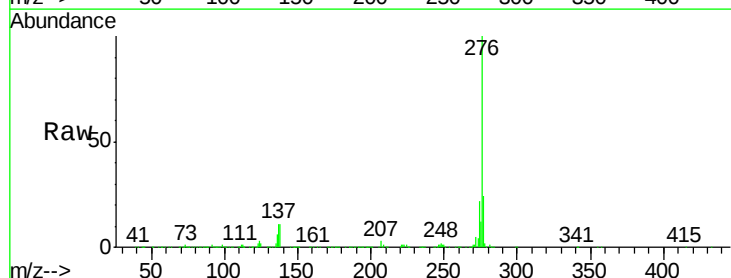
Tgt Ion:276 Resp: 967699

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 11.1 10.6 15.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

