

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046123.D
 Acq On : 31 Jul 2020 13:20
 Operator : CG/JU
 Sample : PB130584BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Quant Time: Jul 31 13:57:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	78407	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	324648	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	221788	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	542863	20.00	ng	0.00
76) Chrysene-d12	21.57	240	603267	20.00	ng	0.00
86) Perylene-d12	24.67	264	637129	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	507434	112.50	ng	0.00
7) Phenol-d6	7.12	99	658042	107.05	ng	0.00
23) Nitrobenzene-d5	9.10	82	426233	71.08	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	348600	102.33	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1029828	67.45	ng	0.00
79) Terphenyl-d14	19.94	244	1851441	62.50	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	67148	32.708 ng	97
3) Pyridine	3.83	79	154946	27.417 ng	98
4) n-Nitrosodimethylamine	3.75	42	99058	41.183 ng	94
6) Aniline	7.28	93	245407	33.538 ng	99
8) 2-Chlorophenol	7.52	128	208062	41.736 ng	99
9) Benzaldehyde	7.09	77	145670	39.936 ng	96
10) Phenol	7.15	94	262316	42.472 ng	98
11) bis(2-Chloroethyl)ether	7.37	93	193973	39.484 ng	96
12) 1,3-Dichlorobenzene	7.85	146	223433	36.976 ng	99
13) 1,4-Dichlorobenzene	7.99	146	230570	38.000 ng	100
14) 1,2-Dichlorobenzene	8.31	146	222797	38.933 ng	99
15) Benzyl Alcohol	8.19	79	182342	42.938 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	333067	41.353 ng	98
17) 2-Methylphenol	8.40	107	185789	44.558 ng	97
18) Hexachloroethane	9.04	117	80111	39.477 ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	160909	40.221 ng	94
20) 3+4-Methylphenols	8.72	107	251828	44.126 ng	99
22) Acetophenone	8.77	105	306191	36.750 ng	99
24) Nitrobenzene	9.15	77	229766	35.941 ng	98
25) Isophorone	9.67	82	433513	36.334 ng	100
26) 2-Nitrophenol	9.86	139	112352	38.777 ng	96
27) 2,4-Dimethylphenol	9.93	122	198277	42.062 ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	265660	40.949 ng	98
29) 2,4-Dichlorophenol	10.40	162	218856	39.469 ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	228456	35.169 ng	99
31) Naphthalene	10.80	128	624402	36.350 ng	99
32) Benzoic acid	10.06	122	120178	37.290 ng	99
33) 4-Chloroaniline	10.90	127	155871	22.206 ng	99
34) Hexachlorobutadiene	11.10	225	142150	32.873 ng	98
35) Caprolactam	11.71	113	38734	21.342 ng	92
36) 4-Chloro-3-methylphenol	12.03	107	225529	41.445 ng	99
37) 2-Methylnaphthalene	12.41	142	488292	36.942 ng	99
38) 1-Methylnaphthalene	12.62	142	468956	37.493 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	268771	33.634 ng	# 98

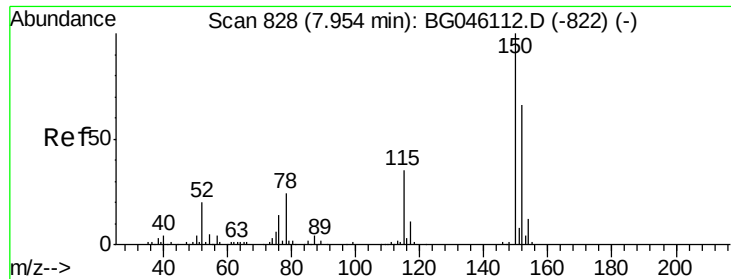
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046123.D
 Acq On : 31 Jul 2020 13:20
 Operator : CG/JU
 Sample : PB130584BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Quant Time: Jul 31 13:57:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	377031	82.256	ng	96
43) 2,4,6-Trichlorophenol	13.01	196	189092	37.089	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	210924	37.917	ng	98
46) 1,1'-Biphenyl	13.42	154	632442	36.350	ng	99
47) 2-Chloronaphthalene	13.46	162	488931	35.230	ng	100
48) 2-Nitroaniline	13.65	65	152945	42.044	ng	99
49) Acenaphthylene	14.30	152	806685	37.433	ng	99
50) Dimethylphthalate	14.03	163	660502	38.801	ng	100
51) 2,6-Dinitrotoluene	14.15	165	151534	38.250	ng	99
52) Acenaphthene	14.65	154	577794	40.624	ng	99
53) 3-Nitroaniline	14.47	138	105905	26.965	ng	97
54) 2,4-Dinitrophenol	14.68	184	175870	70.946	ng	# 88
55) Dibenzofuran	14.98	168	780229	36.355	ng	99
56) 4-Nitrophenol	14.79	139	284069	83.306	ng	94
57) 2,4-Dinitrotoluene	14.93	165	212778	39.063	ng	97
58) Fluorene	15.63	166	647425	37.251	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	205765	39.271	ng	97
60) Diethylphthalate	15.40	149	668789	39.938	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	340410	37.501	ng	99
62) 4-Nitroaniline	15.64	138	161310	40.837	ng	96
63) Azobenzene	15.91	77	609653	38.847	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	133214	37.105	ng	99
66) n-Nitrosodiphenylamine	15.83	169	594157	36.157	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	240077	35.797	ng	99
68) Hexachlorobenzene	16.64	284	269501	35.837	ng	99
69) Atrazine	16.78	200	222519	35.166	ng	98
70) Pentachlorophenol	16.98	266	378204	77.510	ng	99
71) Phenanthrene	17.37	178	1098931	36.955	ng	99
72) Anthracene	17.45	178	1134454	38.354	ng	99
73) Carbazole	17.72	167	1079553	37.850	ng	100
74) Di-n-butylphthalate	18.29	149	1246404	41.807	ng	100
75) Fluoranthene	19.38	202	1468657	39.559	ng	99
77) Benzidine	19.55	184	717215	41.972	ng	99
78) Pyrene	19.73	202	1489235	36.741	ng	99
80) Butylbenzylphthalate	20.63	149	598400	40.754	ng	97
81) Benzo(a)anthracene	21.55	228	1479356	36.644	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	375193	22.380	ng	99
83) Chrysene	21.62	228	1420233	35.912	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	831792	39.624	ng	100
85) Di-n-octyl phthalate	22.66	149	1425039	40.093	ng	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	1848879	38.050	ng	# 94
88) Benzo(b)fluoranthene	23.70	252	1558552	36.504	ng	99
89) Benzo(k)fluoranthene	23.76	252	1563066	37.325	ng	100
90) Benzo(a)pyrene	24.53	252	1470124	37.004	ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1528770	37.635	ng	99
92) Benzo(g,h,i)perylene	29.30	276	1556783	37.949	ng	98

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

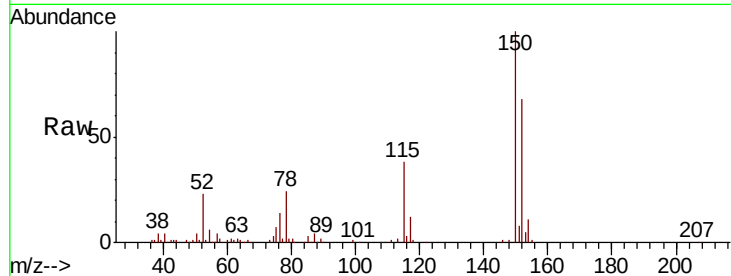


#1

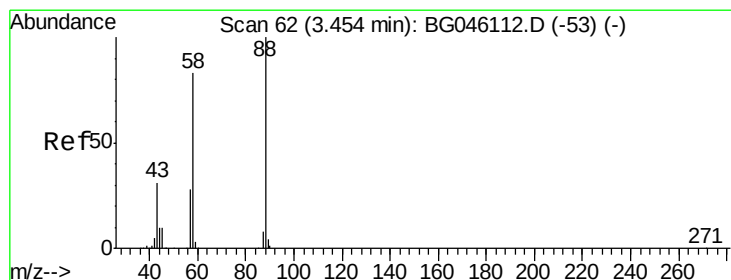
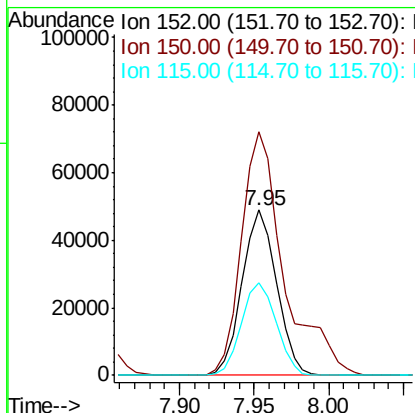
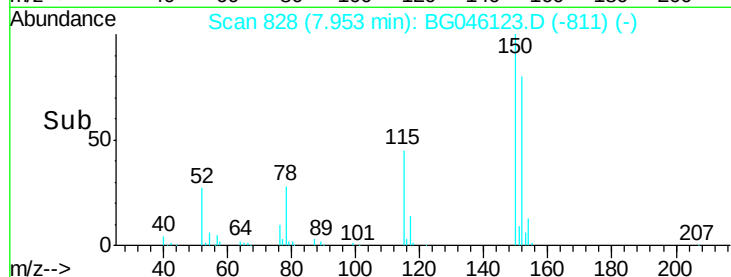
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion:152 Resp: 78407
Ion Ratio Lower Upper
152 100
150 147.5 122.1 183.1
115 56.4 43.2 64.8



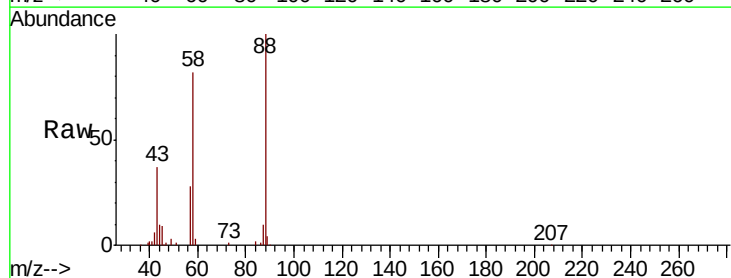
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



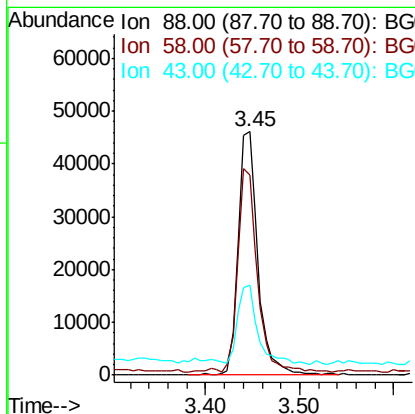
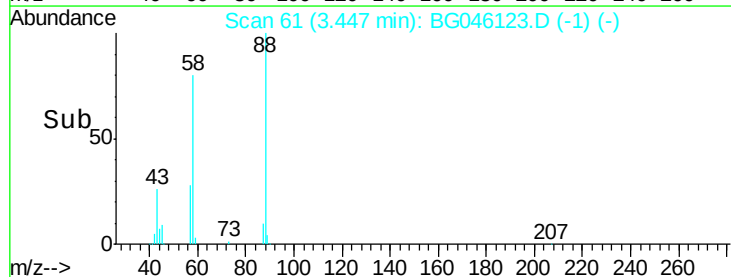
#2

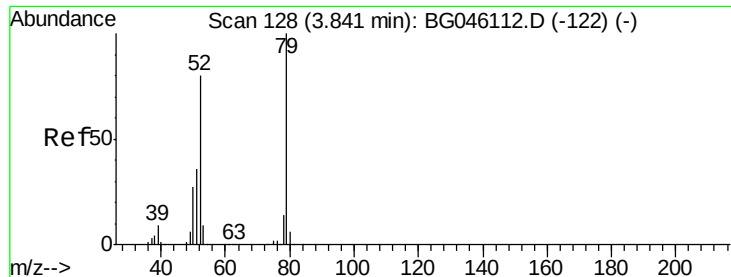
1,4-Dioxane
Concen: 32.708 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion: 88 Resp: 67148
Ion Ratio Lower Upper
88 100
58 81.8 66.5 99.7
43 33.1 23.8 35.8



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: 27.417 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

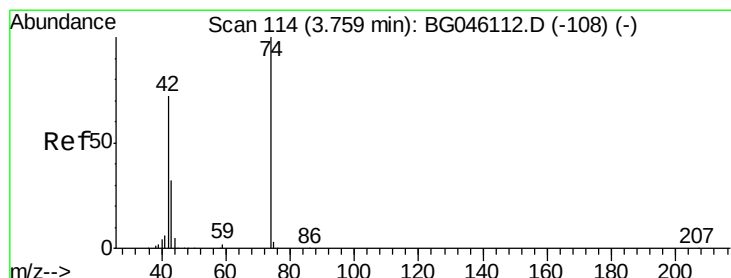
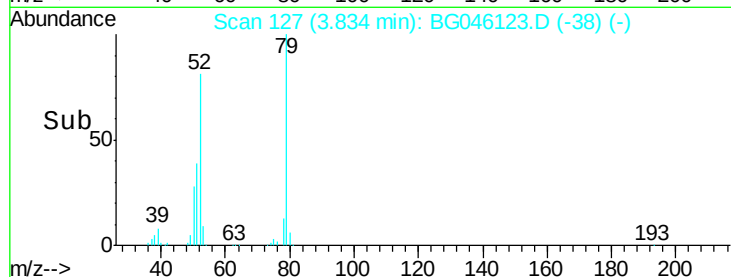
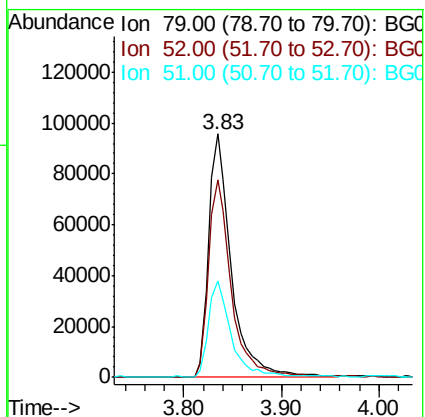
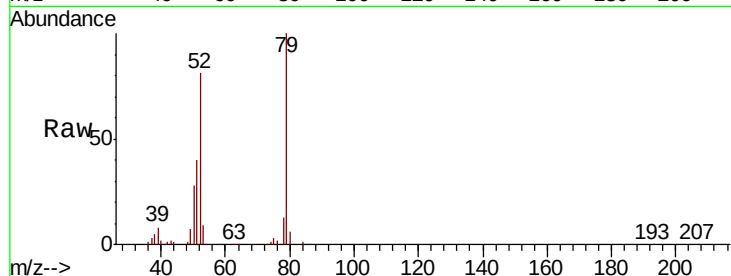
Tot Ion: 79 Resp: 154946

Ion Ratio Lower Upper

79 100

52 81.4 64.3 96.5

51 39.5 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 41.183 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

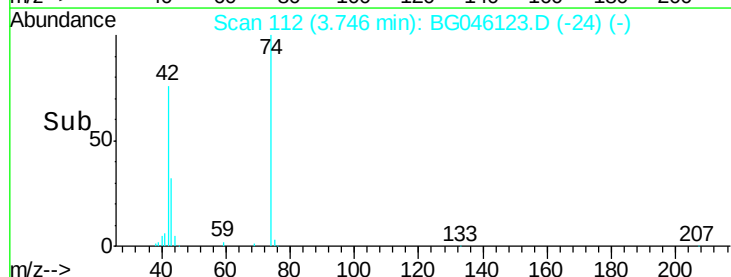
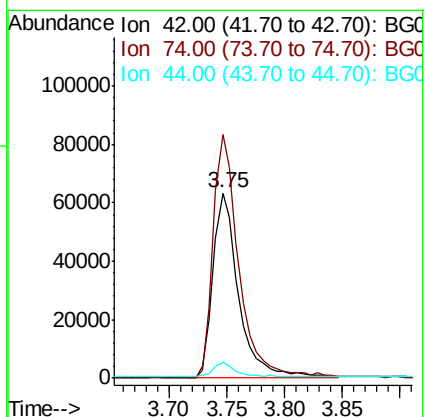
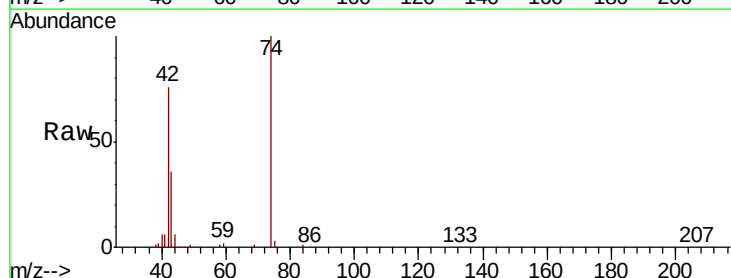
Tgt Ion: 42 Resp: 99058

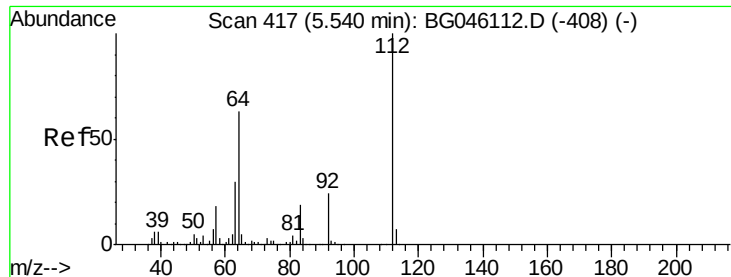
Ion Ratio Lower Upper

42 100

74 131.4 111.6 167.4

44 8.2 5.7 8.5





#5

2-Fluorophenol

Concen: 112.504 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

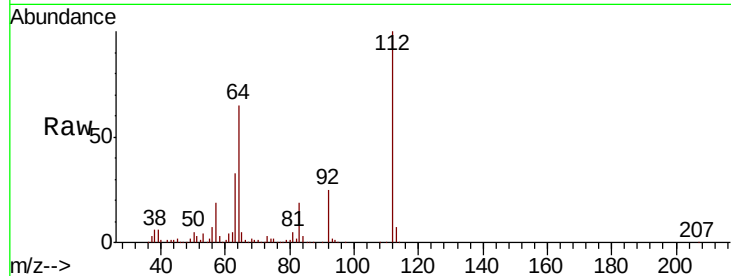
Tot Ion:112 Resp: 507434

Ion Ratio Lower Upper

112 100

64 64.8 50.2 75.2

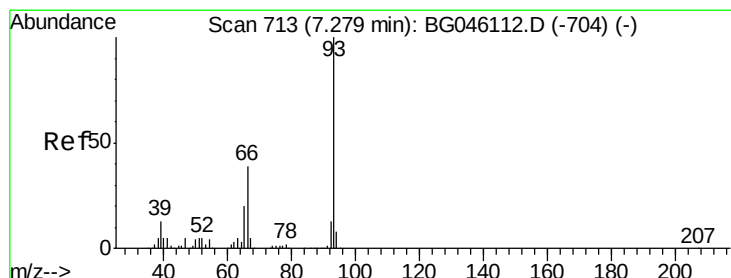
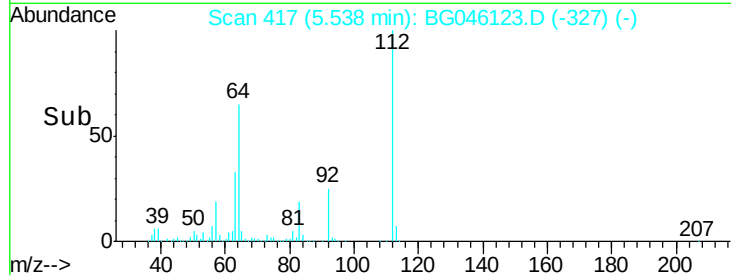
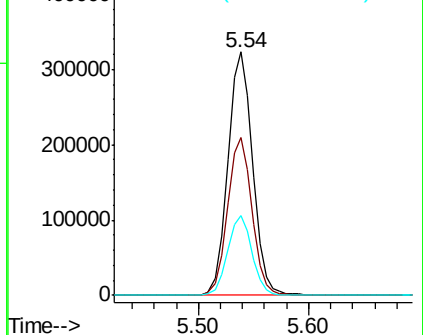
63 33.0 24.2 36.4



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: 33.538 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

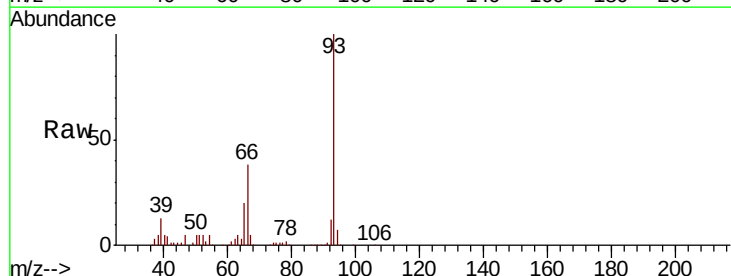
Tgt Ion: 93 Resp: 245407

Ion Ratio Lower Upper

93 100

66 38.1 31.0 46.4

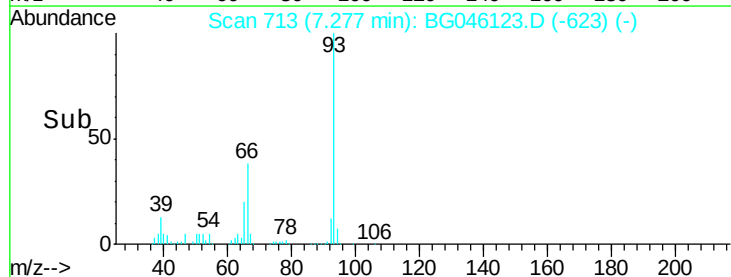
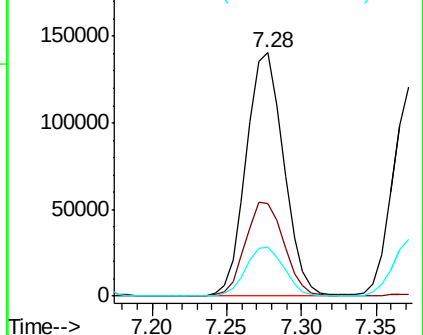
65 20.4 15.9 23.9

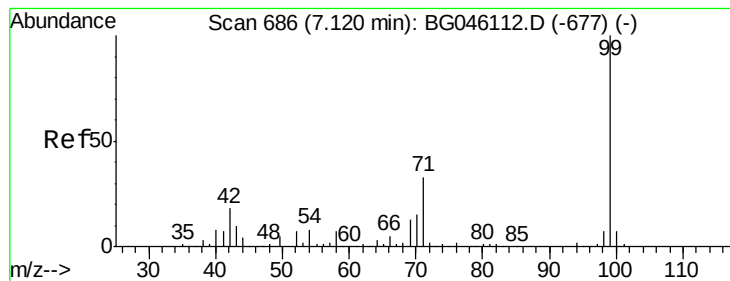


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.050 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

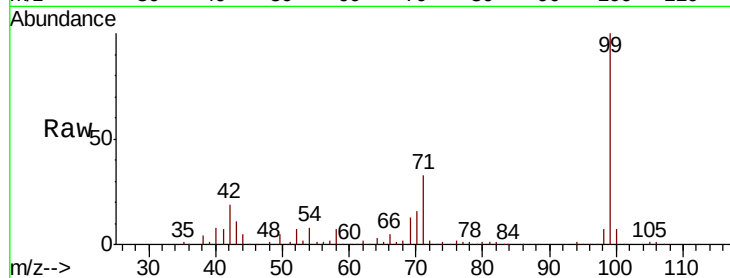
Tot Ion: 99 Resp: 658042

Ion Ratio Lower Upper

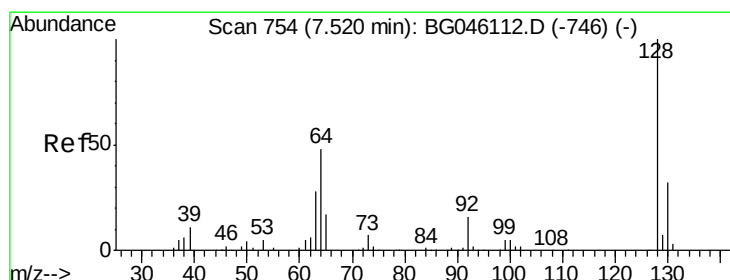
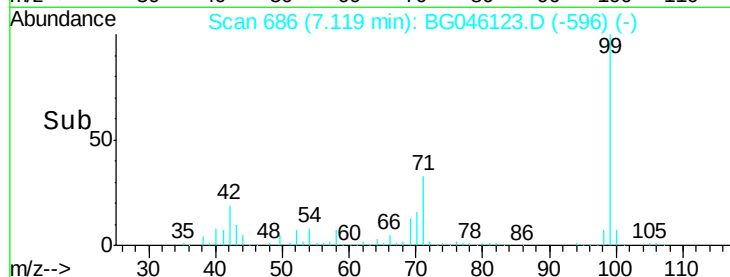
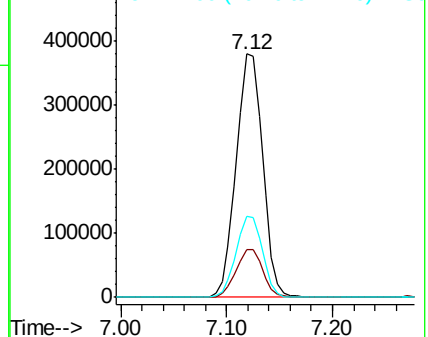
99 100

42 19.4 14.7 22.1

71 33.5 26.5 39.7



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: 41.736 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

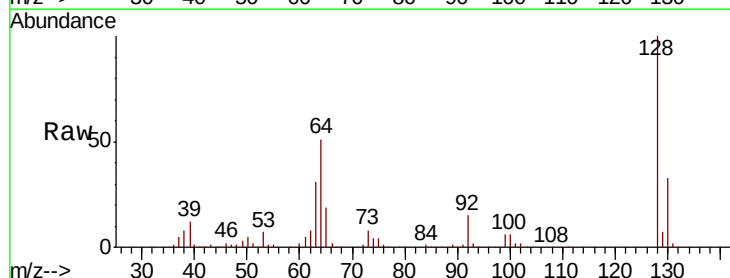
Tgt Ion: 128 Resp: 208062

Ion Ratio Lower Upper

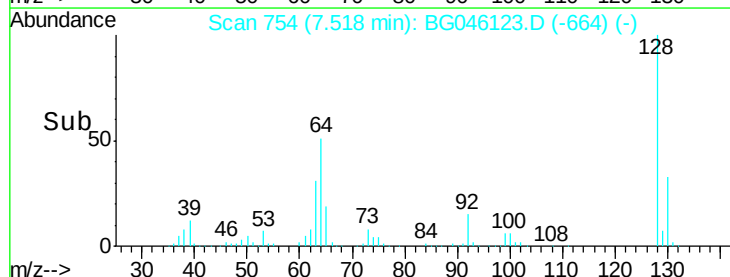
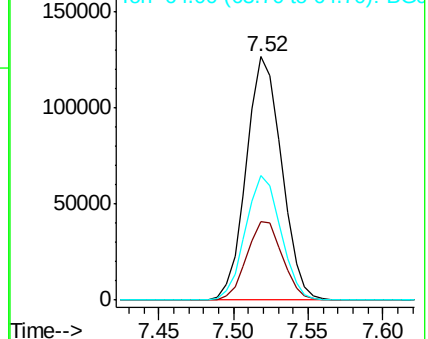
128 100

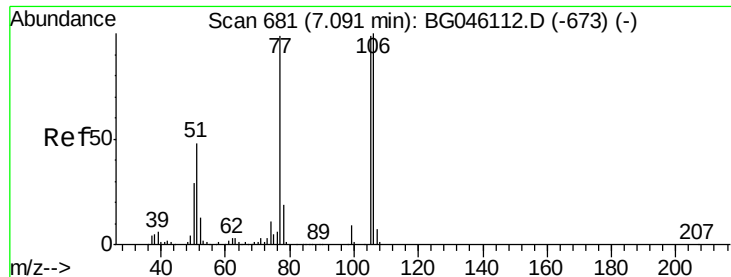
130 32.5 11.6 51.6

64 51.2 30.6 70.6



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: 39.936 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

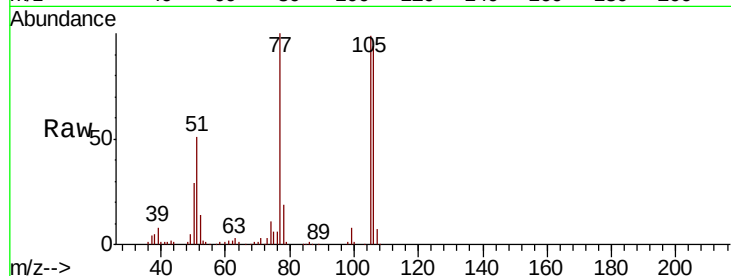
Tot Ion: 77 Resp: 145670

Ion Ratio Lower Upper

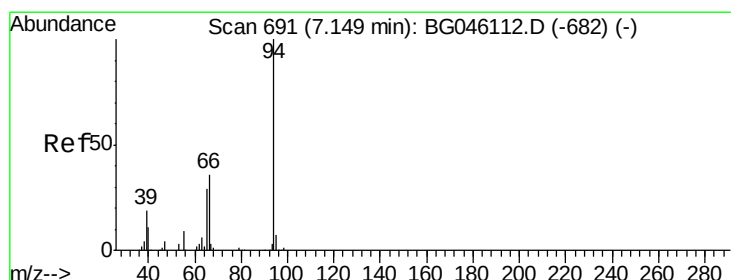
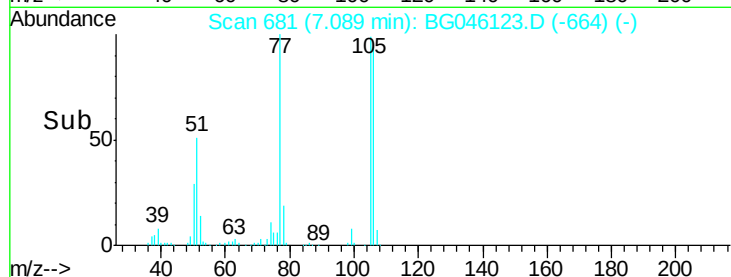
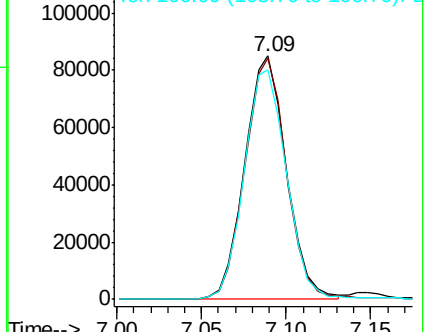
77 100

105 99.0 80.3 120.3

106 94.4 81.5 121.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.472 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

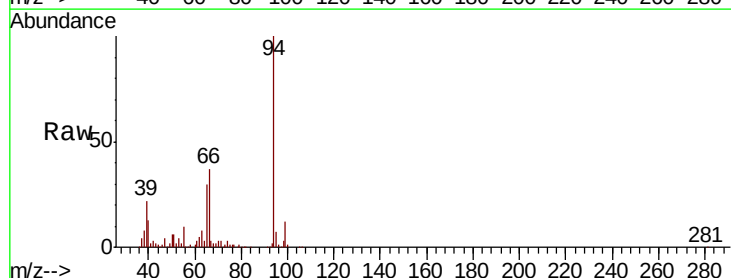
Tgt Ion: 94 Resp: 262316

Ion Ratio Lower Upper

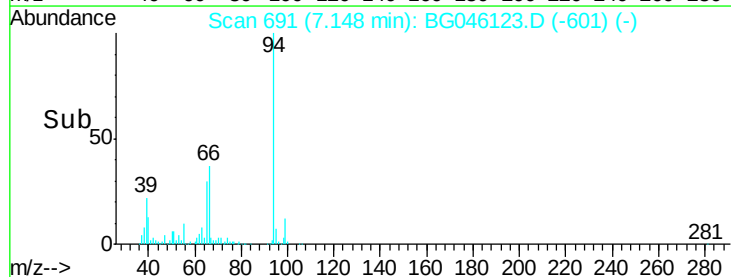
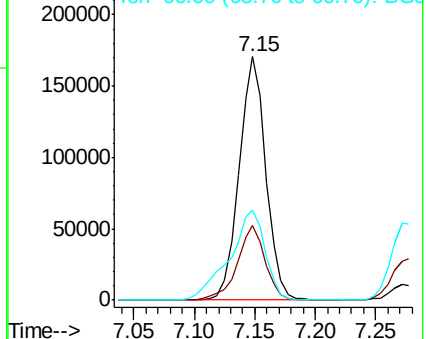
94 100

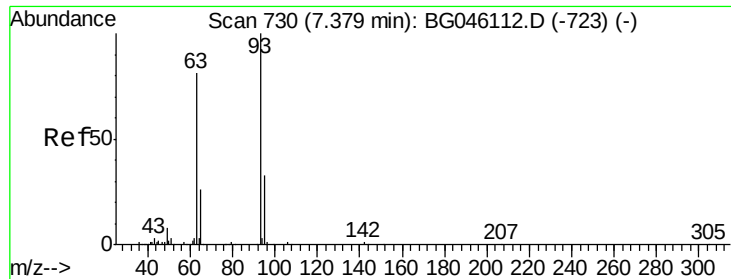
65 30.5 9.6 49.6

66 37.2 16.3 56.3



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

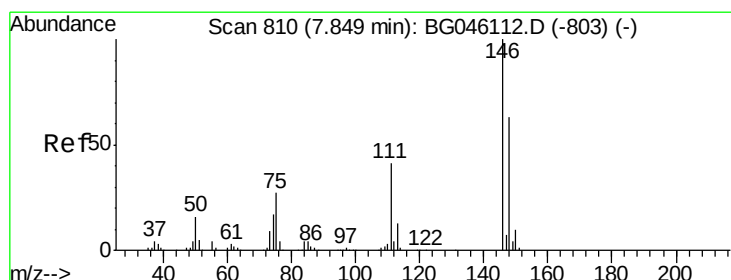
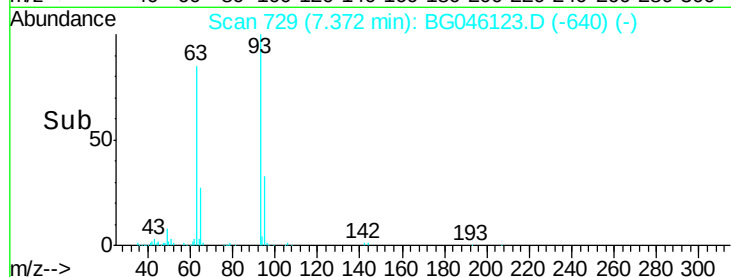
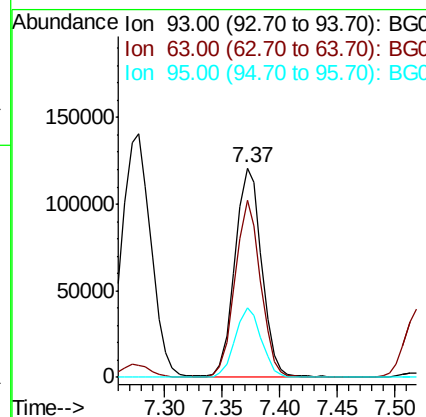
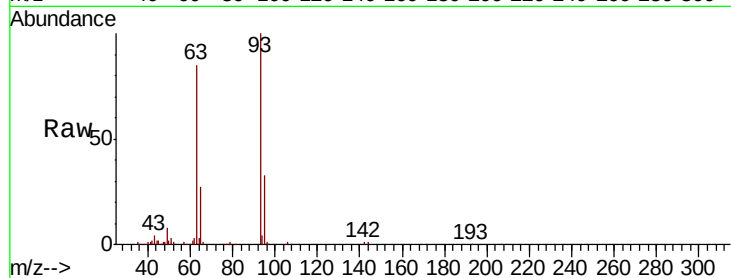




#11
bis(2-Chloroethyl)ether
Concen: 39.484 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

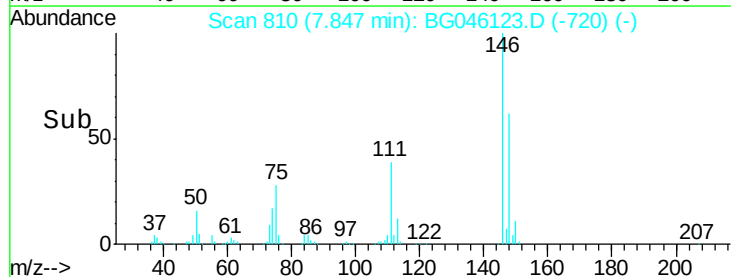
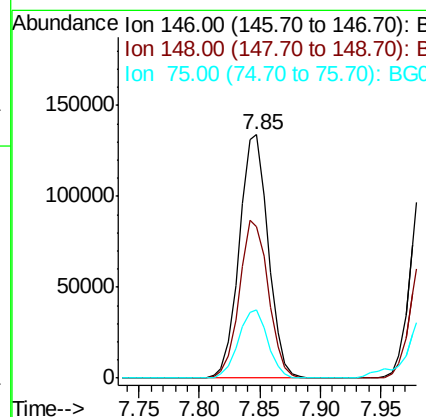
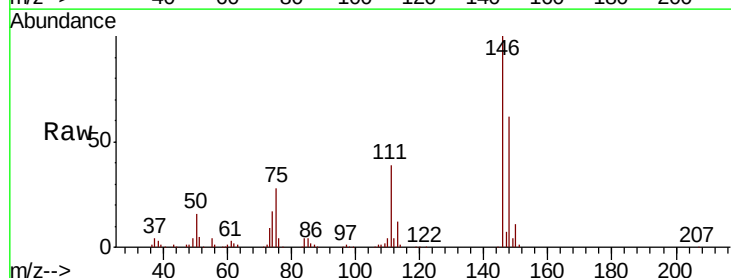
Instrument :
BNA_G
ClientSampleId :
PB130584BS

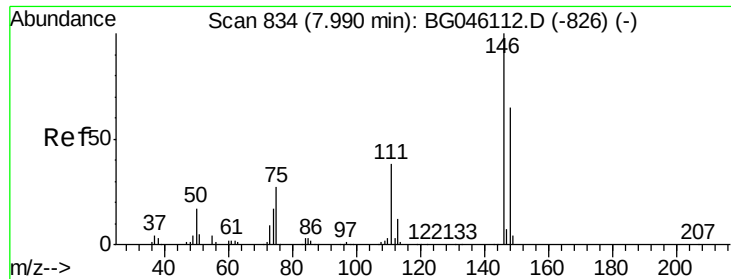
Tot Ion: 93 Resp: 193973
Ion Ratio Lower Upper
93 100
63 84.8 60.0 100.0
95 33.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 36.976 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion: 146 Resp: 223433
Ion Ratio Lower Upper
146 100
148 62.5 50.5 75.7
75 28.2 21.6 32.4

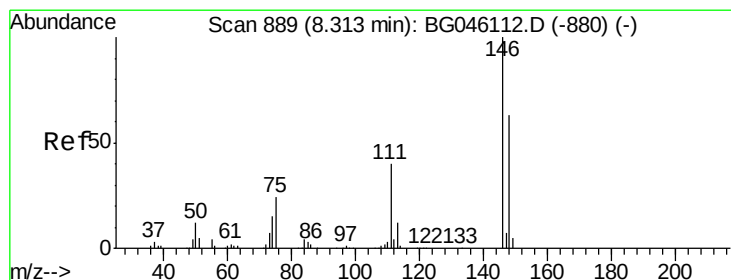
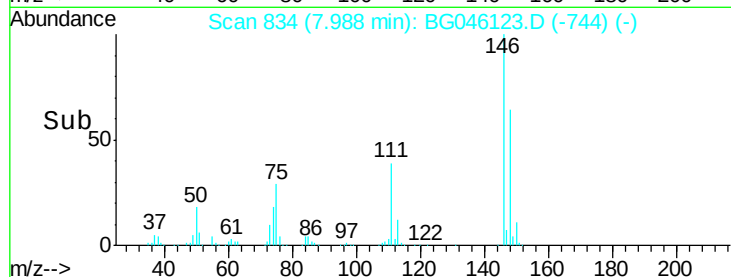
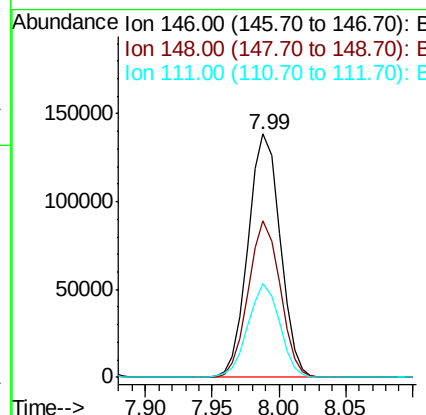
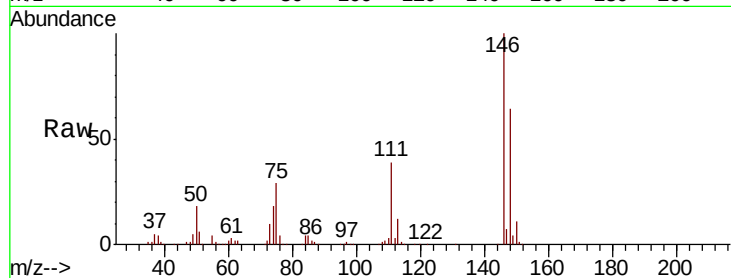




#13
 1,4-Dichlorobenzene
 Concen: 38.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

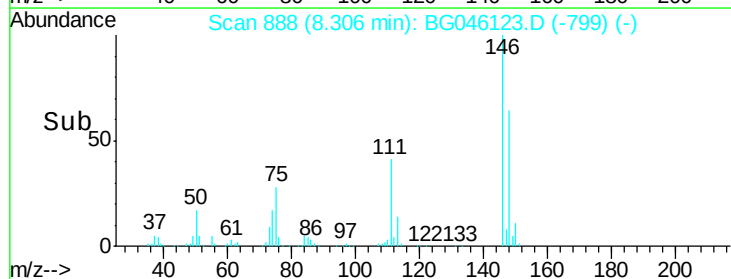
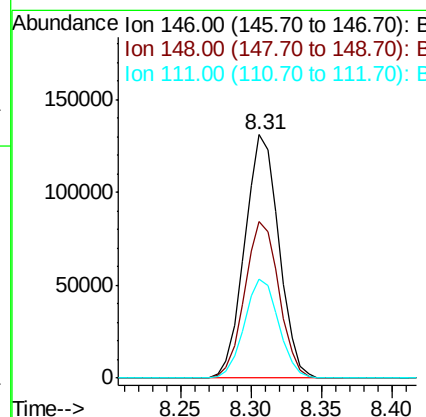
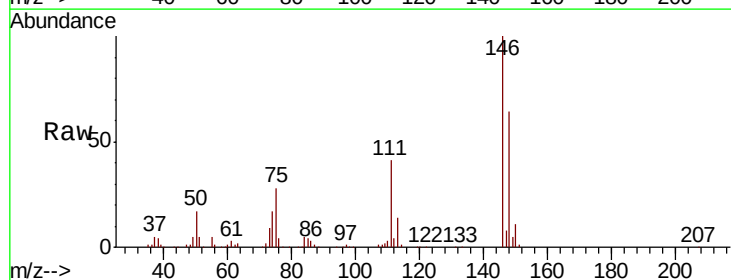
Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

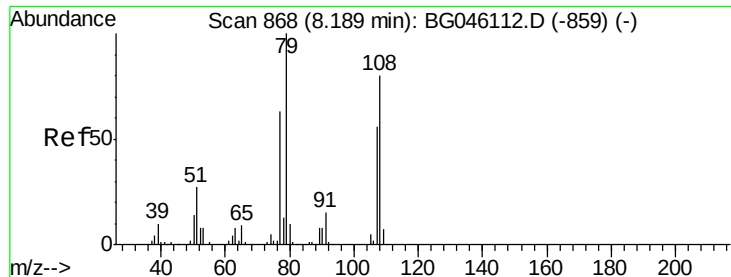
Tot Ion:146 Resp: 230570
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.6
 111 38.6 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 38.933 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion:146 Resp: 222797
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 40.6 32.4 48.6

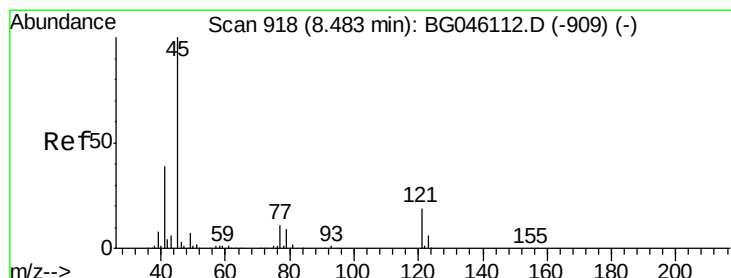
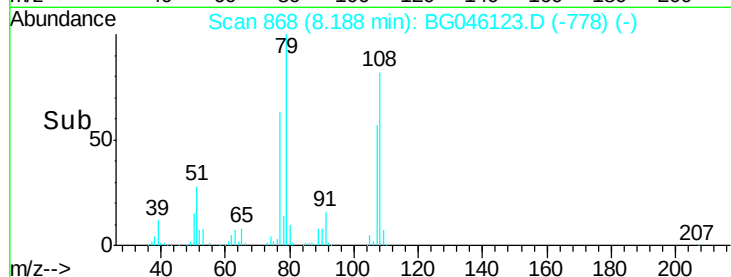
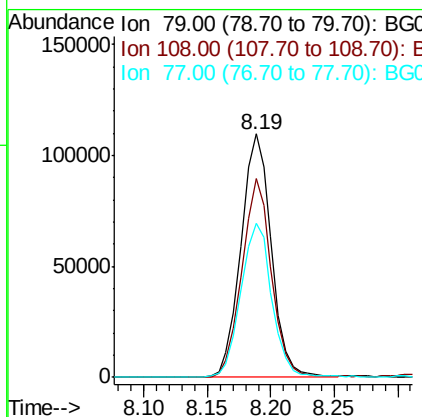
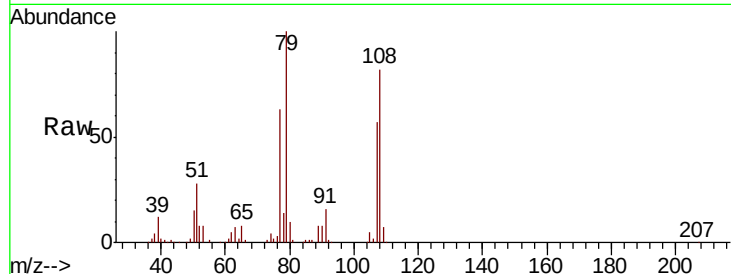




#15
Benzyl Alcohol
Concen: 42.938 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

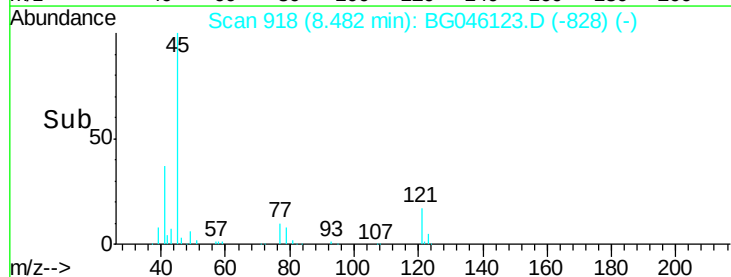
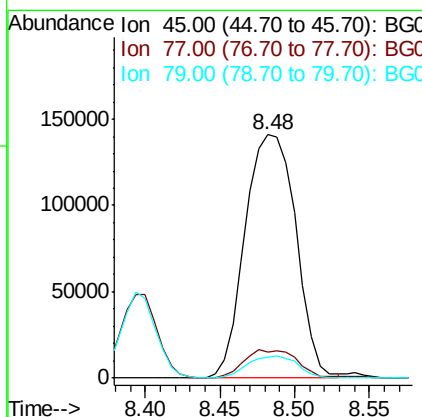
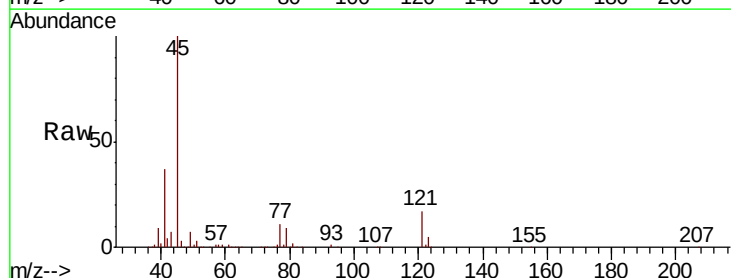
Instrument :
BNA_G
ClientSampled :
PB130584BS

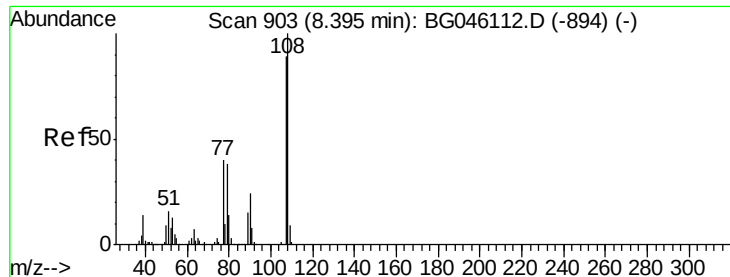
Tot Ion: 79 Resp: 182342
Ion Ratio Lower Upper
79 100
108 81.5 64.1 96.1
77 63.1 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.353 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion: 45 Resp: 333067
Ion Ratio Lower Upper
45 100
77 10.8 0.0 31.9
79 8.8 0.0 29.5





#17

2-Methylphenol

Concen: 44.558 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

Tot Ion:107 Resp: 185789

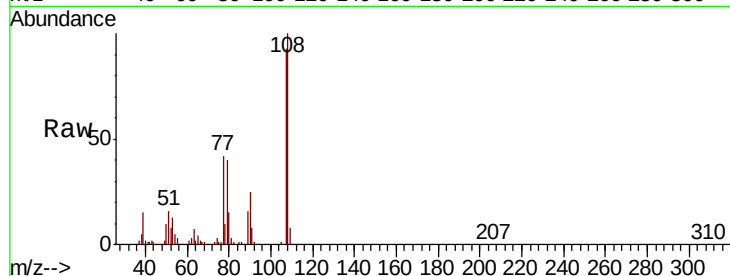
Ion Ratio Lower Upper

107 100

108 107.1 90.0 135.0

77 44.5 35.6 53.4

79 42.6 34.4 51.6

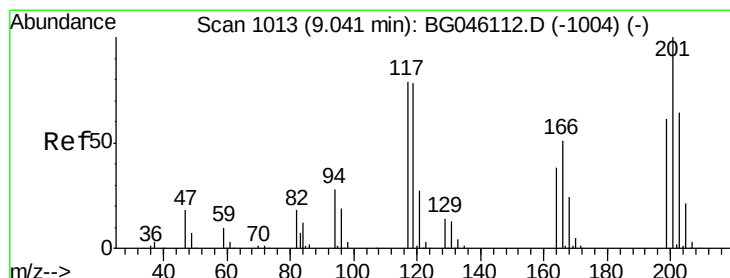
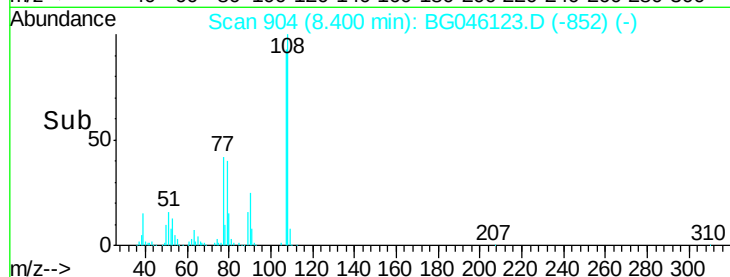
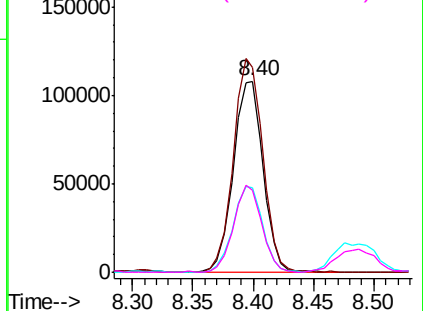


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.477 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

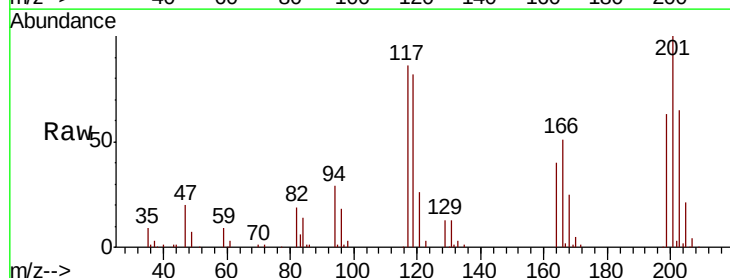
Tgt Ion:117 Resp: 80111

Ion Ratio Lower Upper

117 100

119 95.0 78.5 117.7

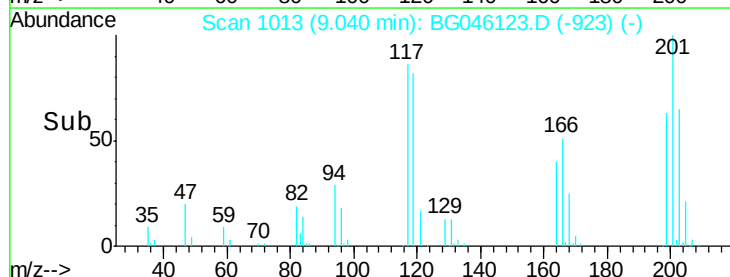
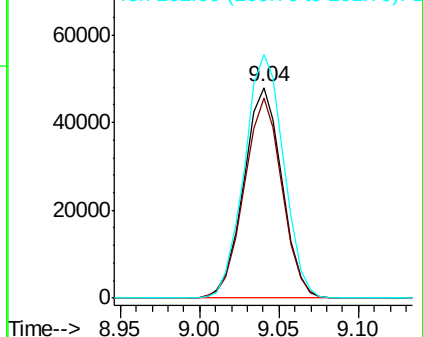
201 115.6 101.0 151.4

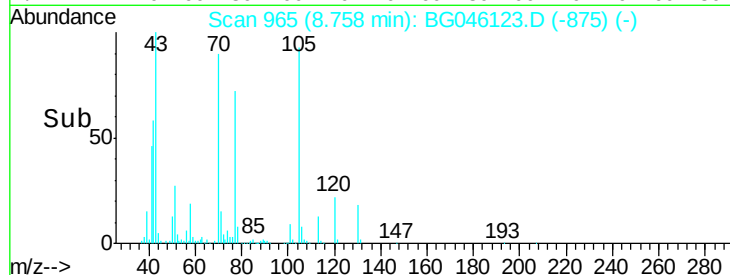
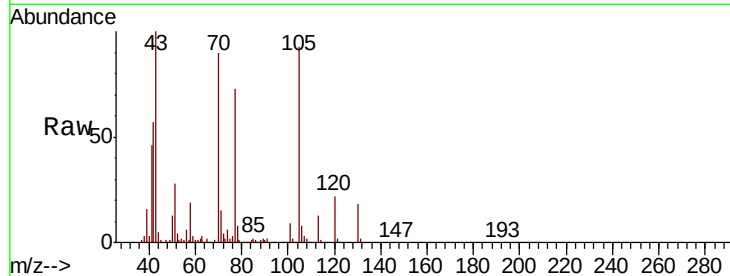
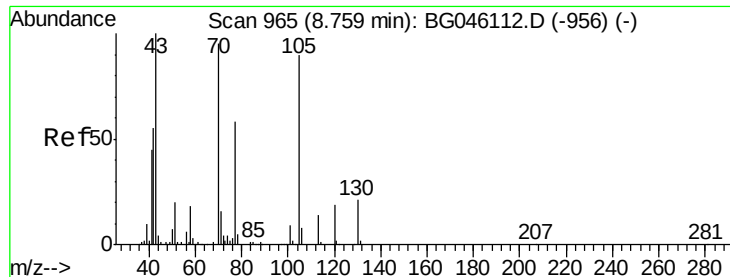


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

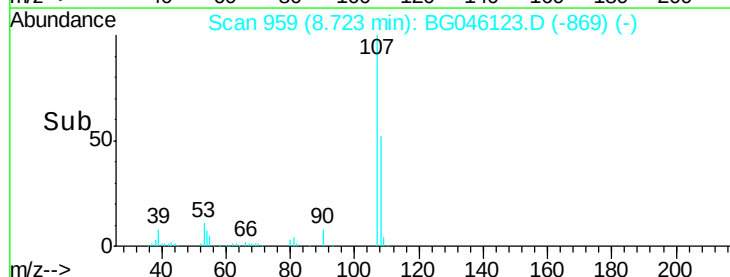
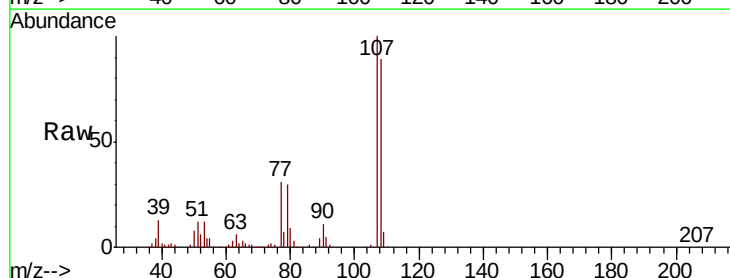
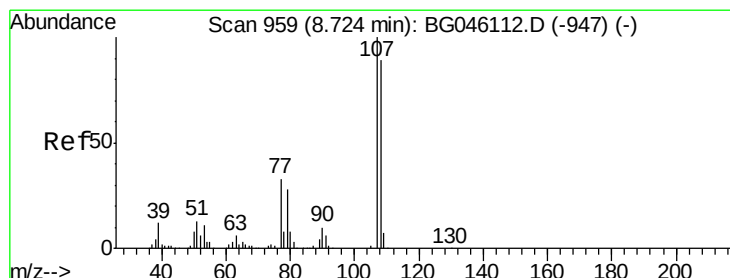
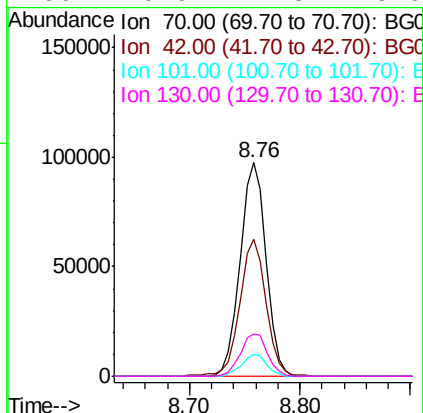




#19
n-Nitroso-di-n-propylamine
Concen: 40.221 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

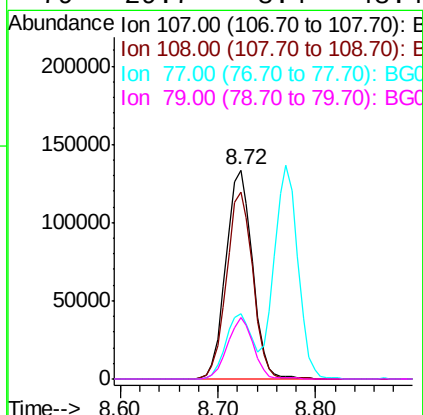
Instrument :
BNA_G
ClientSampleId :
PB130584BS

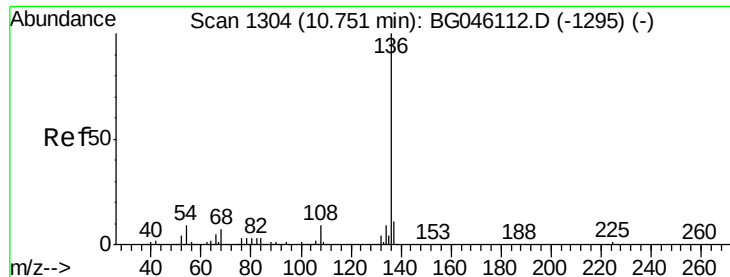
Tot Ion:	70	Resp:	160909
Ion	Ratio	Lower	Upper
70	100		
42	64.0	46.5	69.7
101	10.2	7.6	11.4
130	19.9	17.3	25.9



#20
3+4-Methylphenols
Concen: 44.126 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion:	107	Resp:	251828
Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.1	109.1
77	31.1	12.5	52.5
79	29.7	8.4	48.4

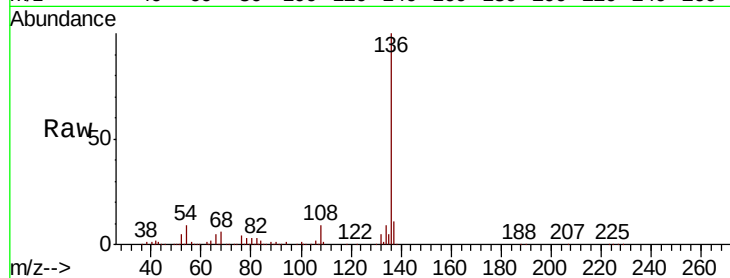




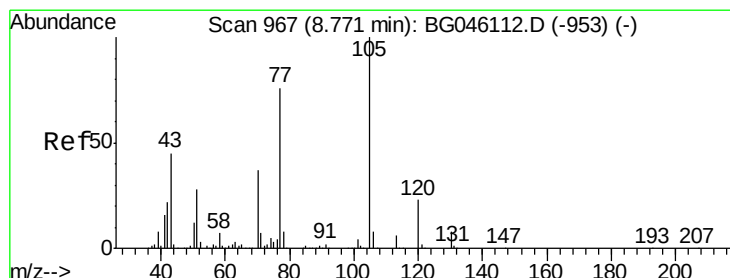
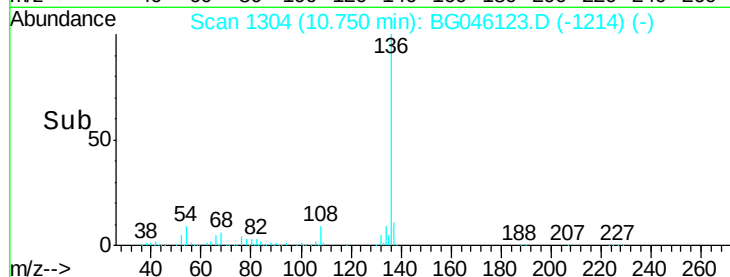
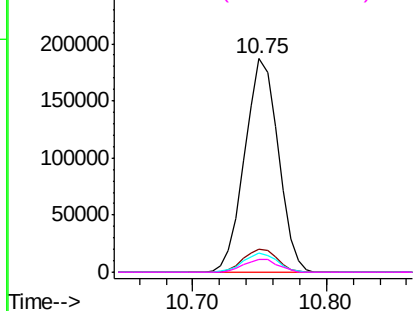
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion:136	Resp:	324648	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 8.8	7.0	10.4	
68 5.9	5.3	7.9	

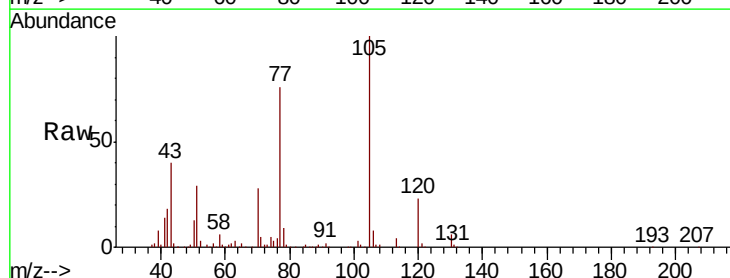


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

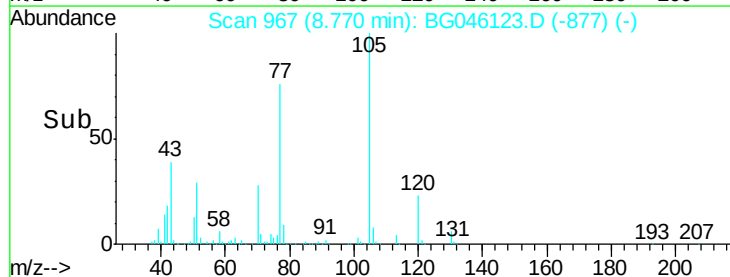
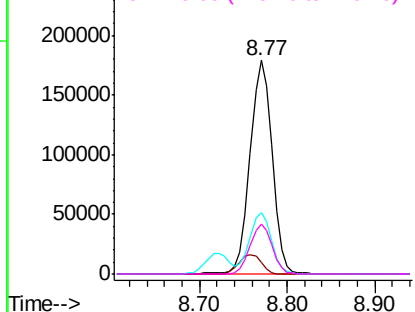


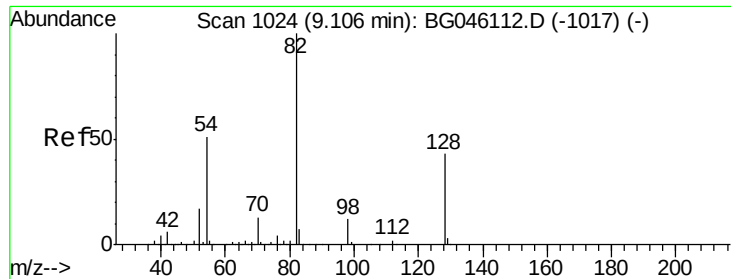
#22
Acetophenone
Concen: 36.750 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt	Ion:105	Resp:	306191
Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.3	7.9
51	29.0	22.7	34.1
120	23.5	18.7	28.1



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

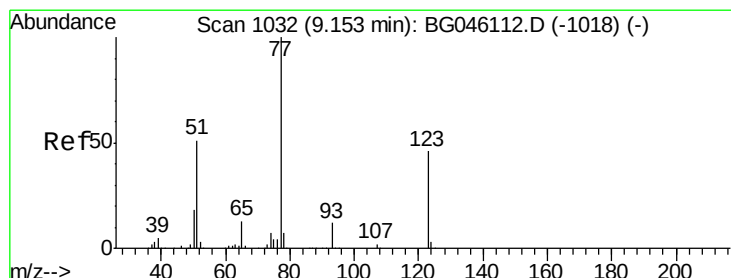
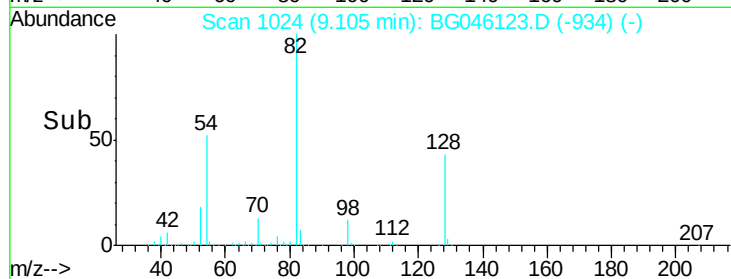
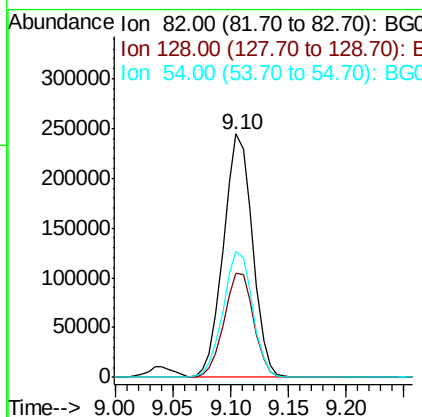
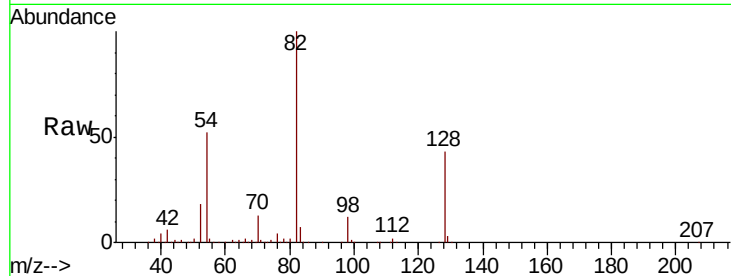




#23
 Nitrobenzene-d5
 Concen: 71.084 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

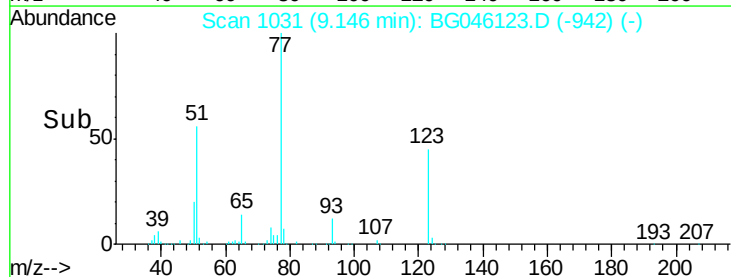
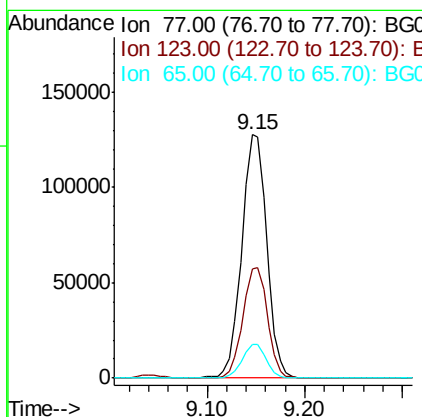
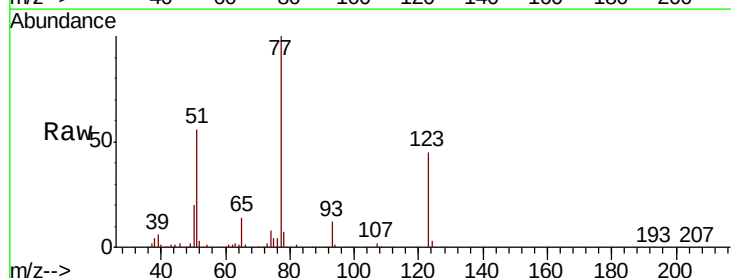
Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

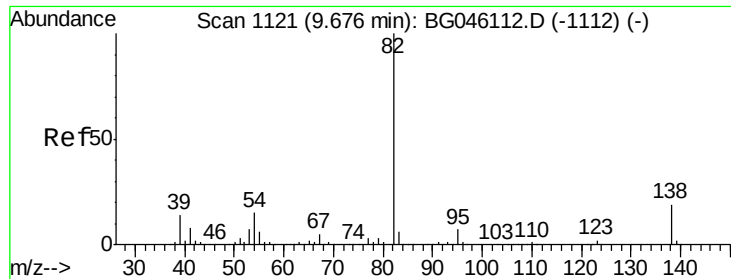
Tot Ion	82	Resp	426233
Ion Ratio	Lower	Upper	
82	100		
128	42.7	34.4	51.6
54	51.9	40.8	61.2



#24
 Nitrobenzene
 Concen: 35.941 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion	77	Resp	229766
Ion Ratio	Lower	Upper	
77	100		
123	44.7	36.8	55.2
65	14.0	10.2	15.2





#25

Isophorone

Concen: 36.334 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

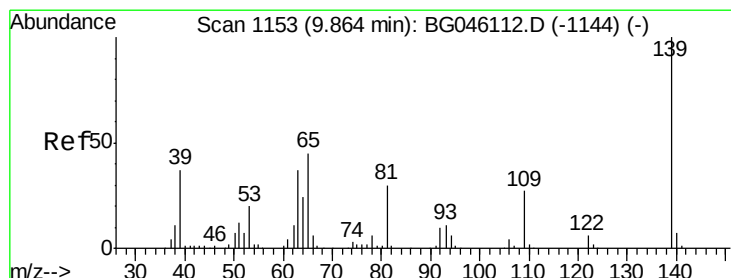
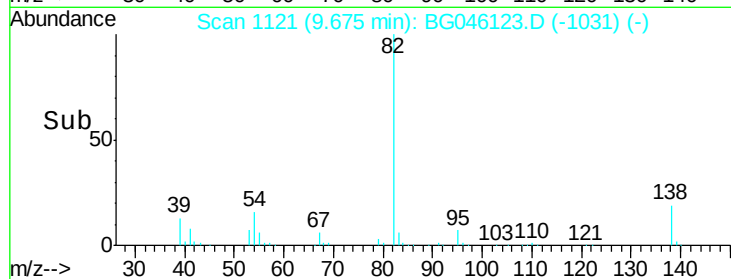
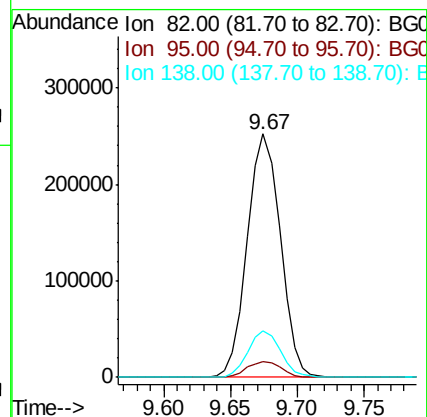
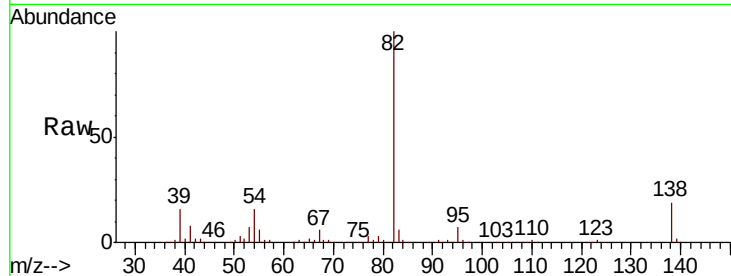
Tot Ion: 82 Resp: 433513

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 19.2 15.3 22.9



#26

2-Nitrophenol

Concen: 38.777 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

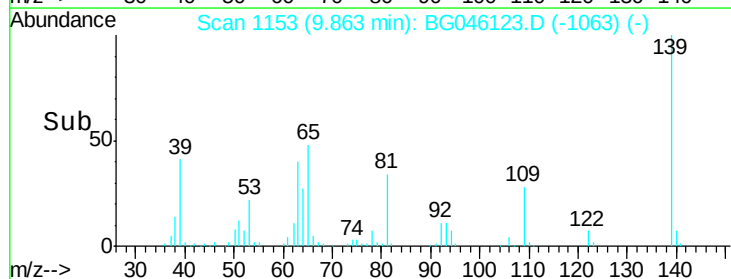
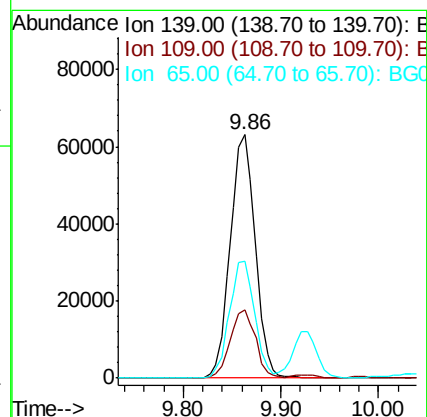
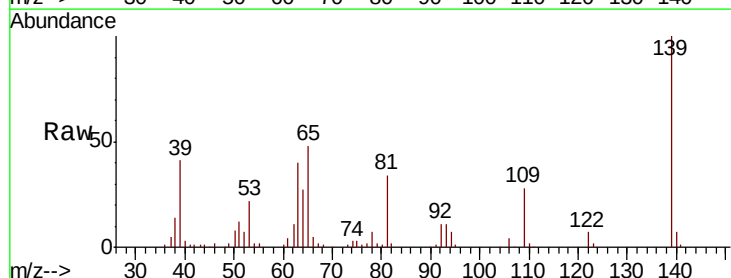
Tgt Ion: 139 Resp: 112352

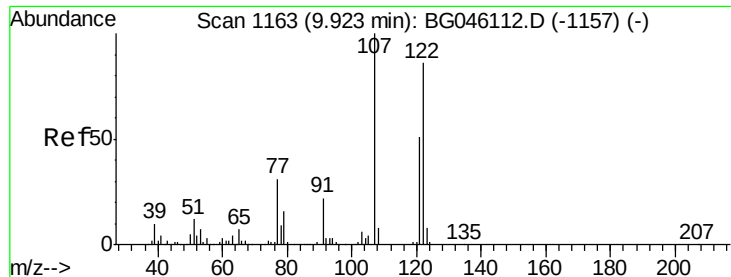
Ion Ratio Lower Upper

139 100

109 28.2 21.8 32.8

65 48.2 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 42.062 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

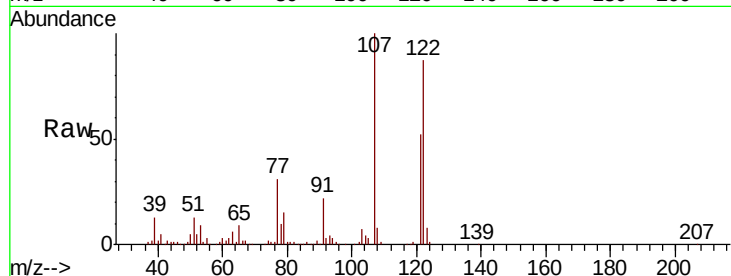
Tot Ion:122 Resp: 198277

Ion Ratio Lower Upper

122 100

107 115.0 92.4 138.6

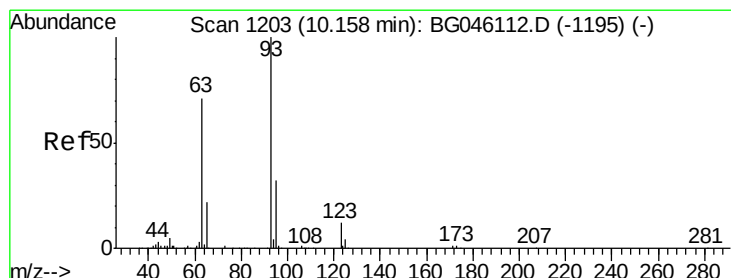
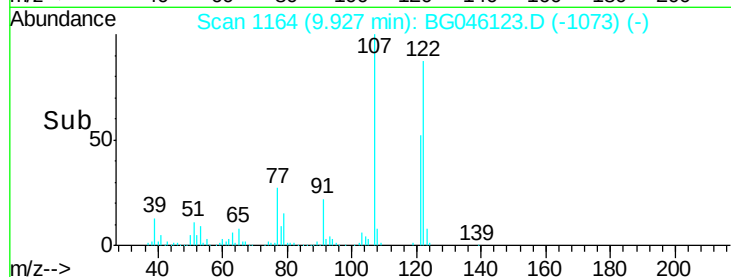
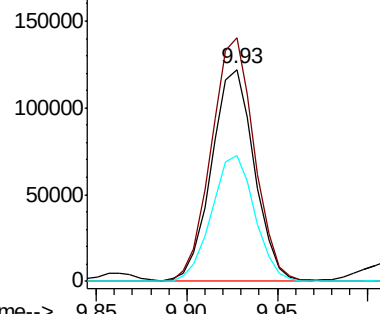
121 59.4 47.0 70.6



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: 40.949 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

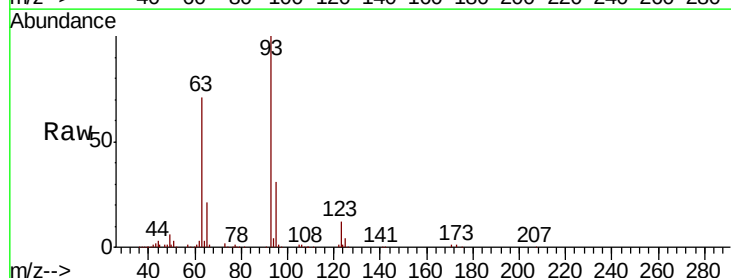
Tgt Ion: 93 Resp: 265660

Ion Ratio Lower Upper

93 100

95 31.4 26.0 39.0

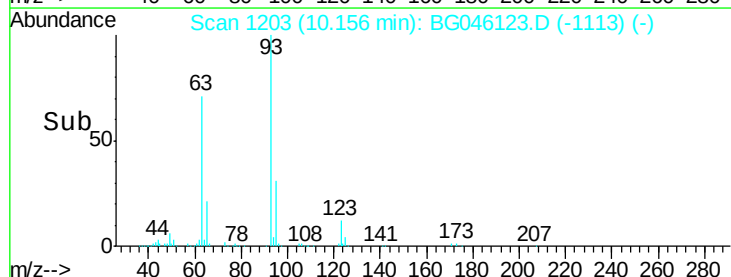
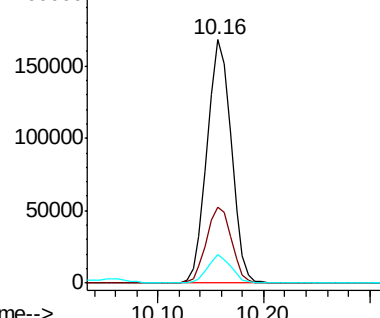
123 11.5 9.7 14.5

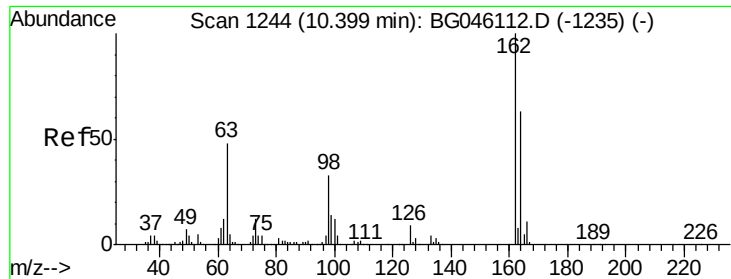


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

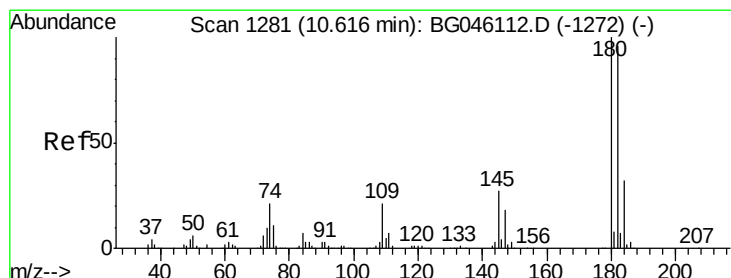
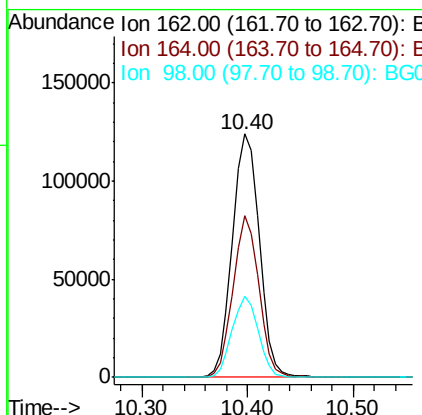
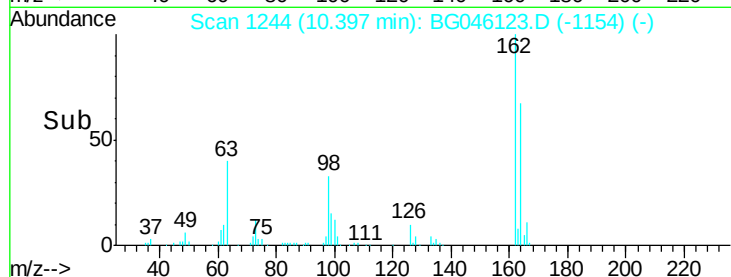
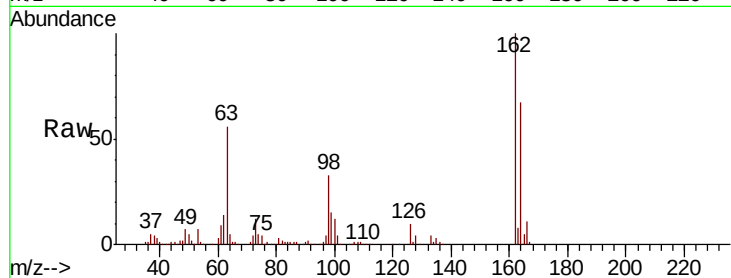




#29
2,4-Dichlorophenol
Concen: 39.469 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

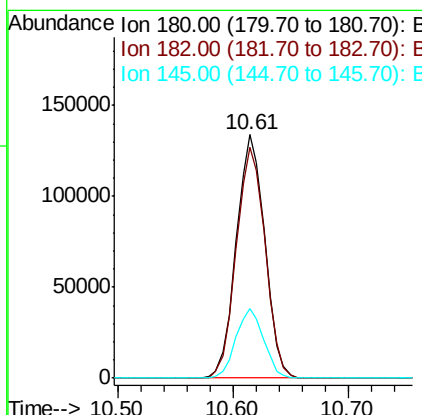
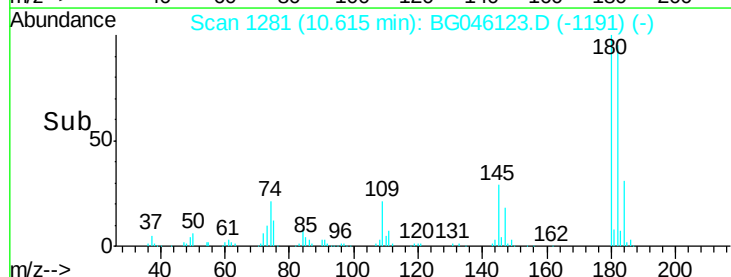
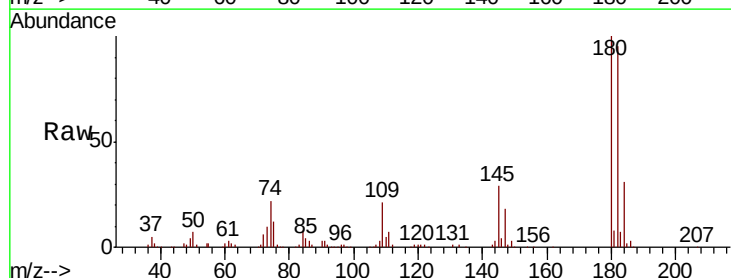
Instrument :
BNA_G
ClientSampleId :
PB130584BS

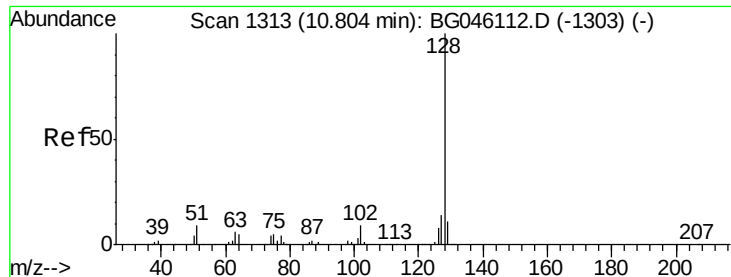
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	43.3	83.3
98	33.2	13.1	53.1



#30
1,2,4-Trichlorobenzene
Concen: 35.169 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.7	115.1
145	28.6	21.8	32.8

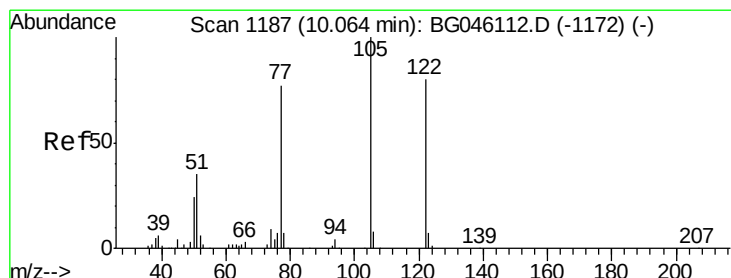
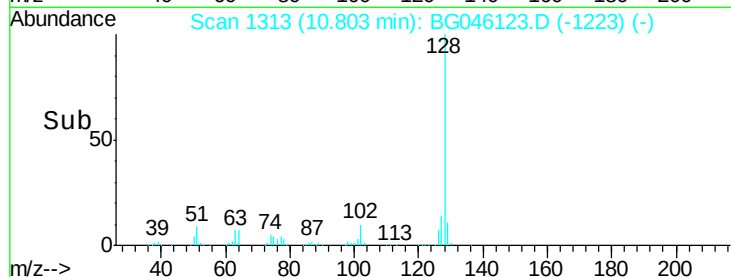
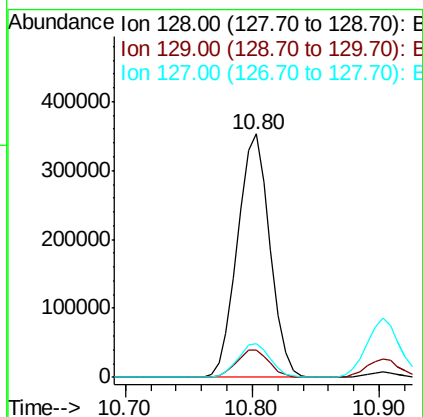
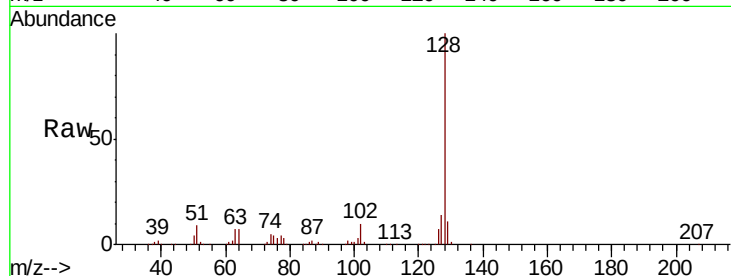




#31
Naphthalene
Concen: 36.350 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

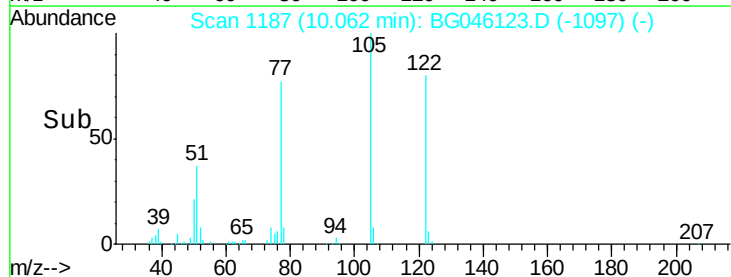
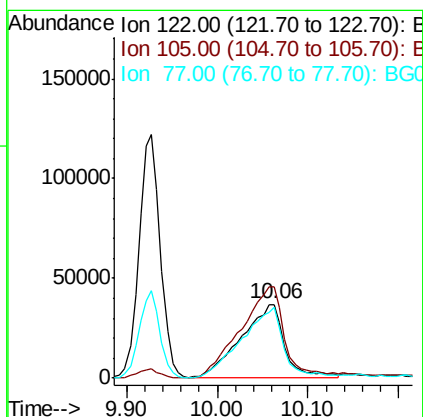
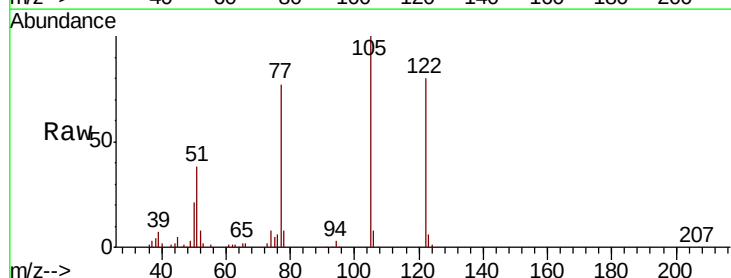
Instrument :
BNA_G
ClientSampleId :
PB130584BS

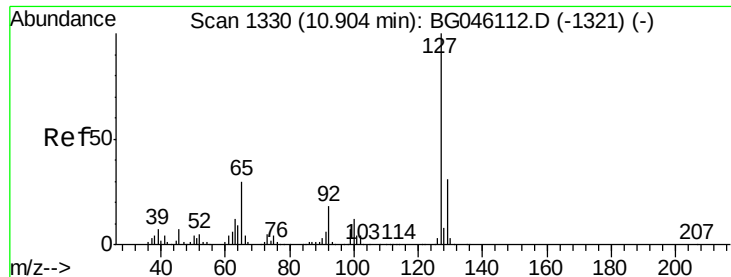
Tot Ion:128 Resp: 624402
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.9 11.3 16.9



#32
Benzoic acid
Concen: 37.290 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion:122 Resp: 120178
Ion Ratio Lower Upper
122 100
105 124.4 103.0 143.0
77 96.1 75.2 115.2

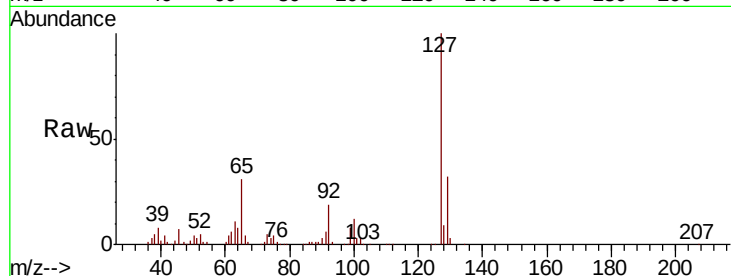




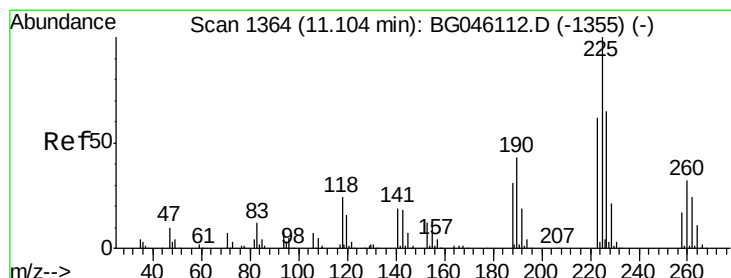
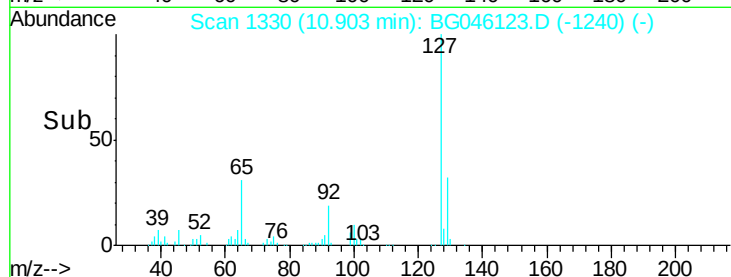
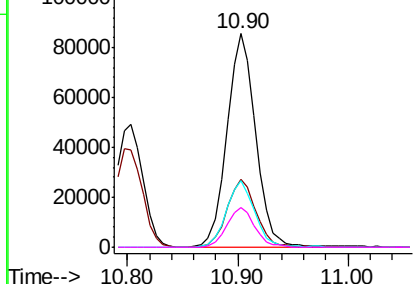
#33
4-Chloroaniline
Concen: 22.206 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion:127	Resp:	155871
Ion Ratio	Lower	Upper
127	100	
129	31.7	25.2 37.8
65	31.2	24.2 36.2
92	18.8	14.5 21.7

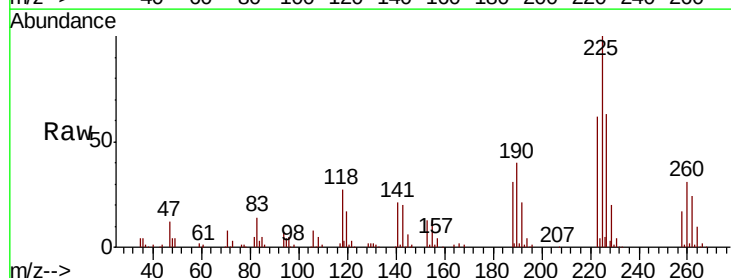


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

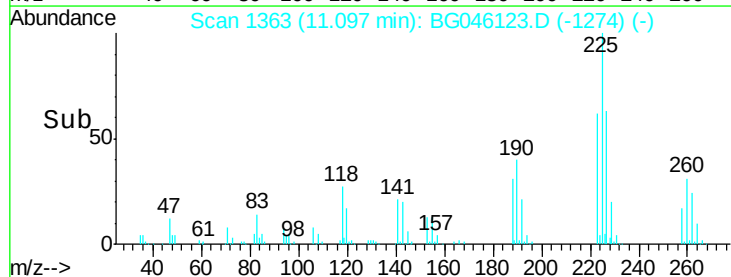
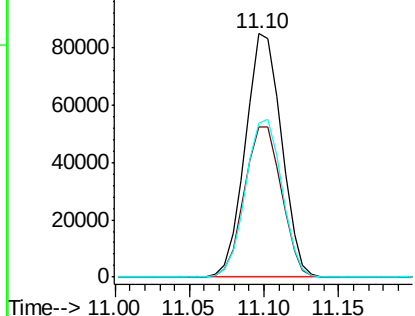


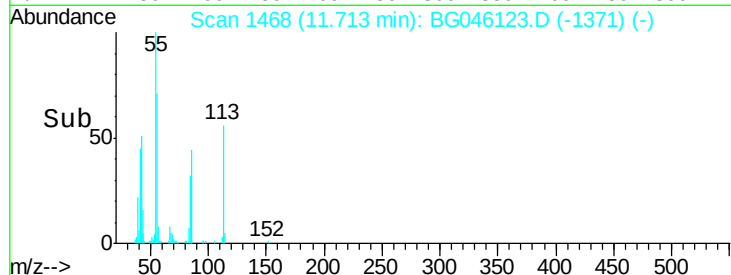
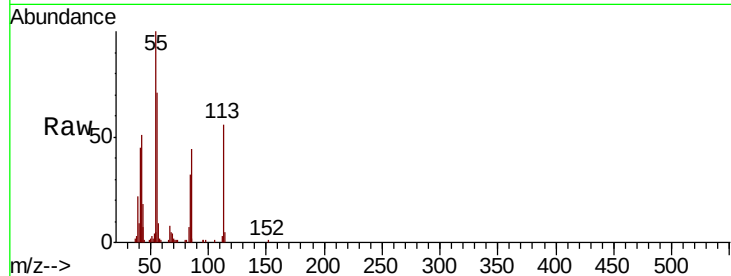
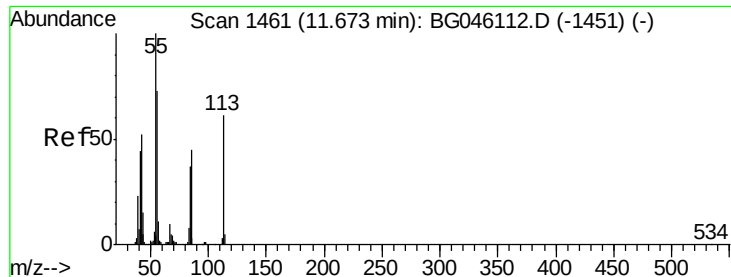
#34
Hexachlorobutadiene
Concen: 32.873 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion:225	Resp:	142150
Ion Ratio	Lower	Upper
225	100	
223	61.6	49.8 74.6
227	63.1	51.9 77.9



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: 21.342 ng

RT: 11.71 min Scan# 1468

Delta R.T. 0.04 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

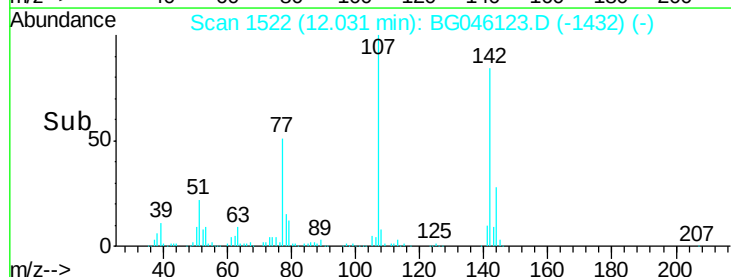
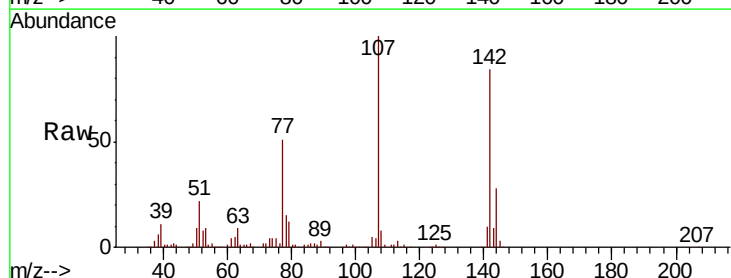
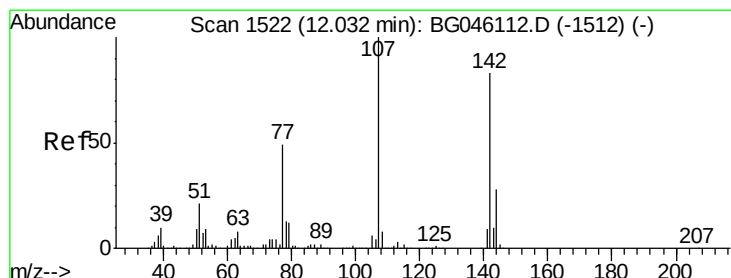
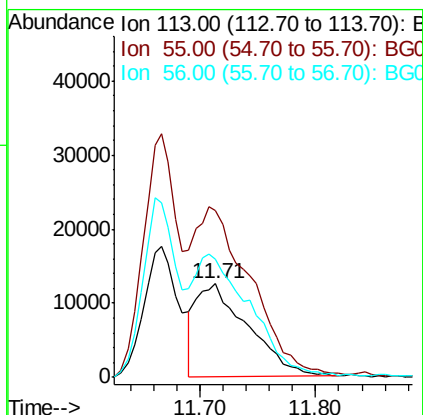
Tot Ion:113 Resp: 38734

Ion Ratio Lower Upper

113 100

55 178.3 144.7 184.7

56 126.2 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 41.445 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

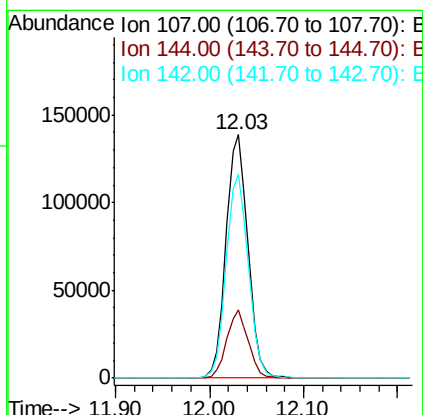
Tgt Ion:107 Resp: 225529

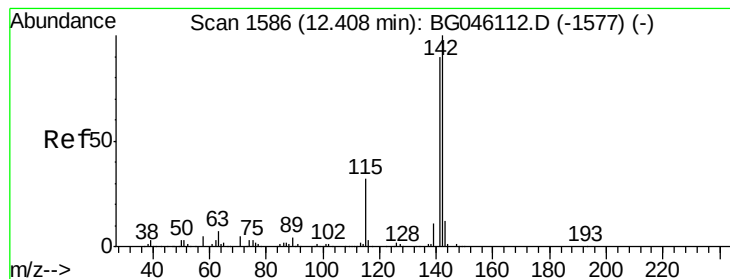
Ion Ratio Lower Upper

107 100

144 27.8 22.4 33.6

142 83.9 66.6 100.0





#37

2-Methylnaphthalene

Concen: 36.942 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

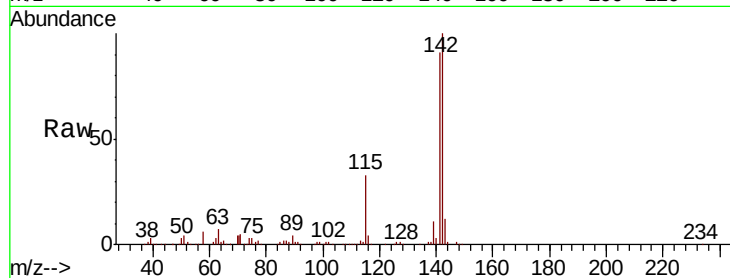
Tot Ion:142 Resp: 488292

Ion Ratio Lower Upper

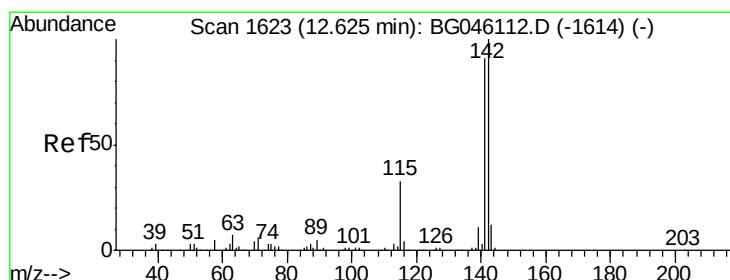
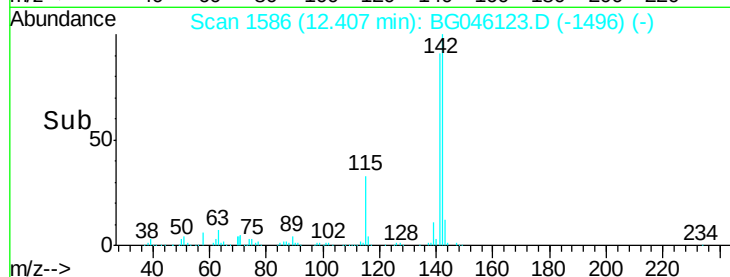
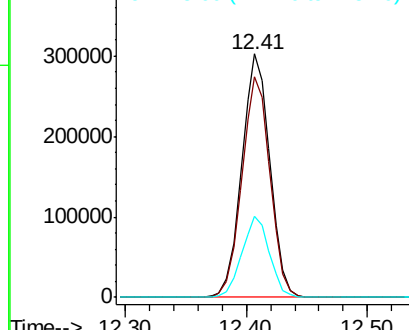
142 100

141 90.6 71.7 107.5

115 33.4 25.8 38.8



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: 37.493 ng

RT: 12.62 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

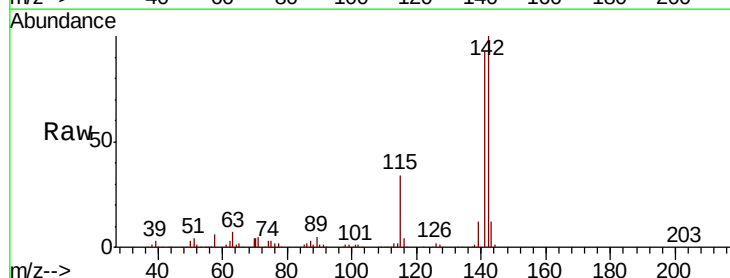
Tgt Ion:142 Resp: 468956

Ion Ratio Lower Upper

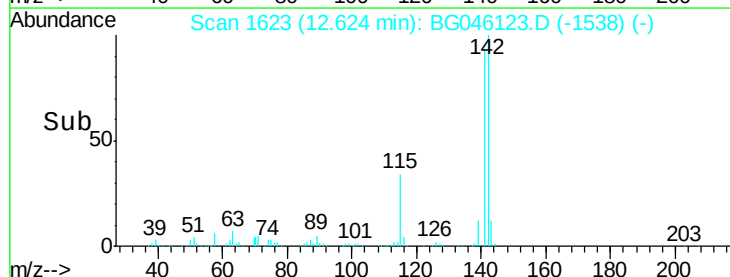
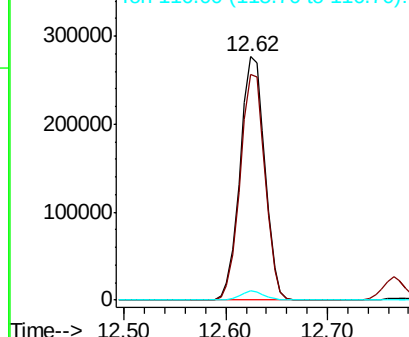
142 100

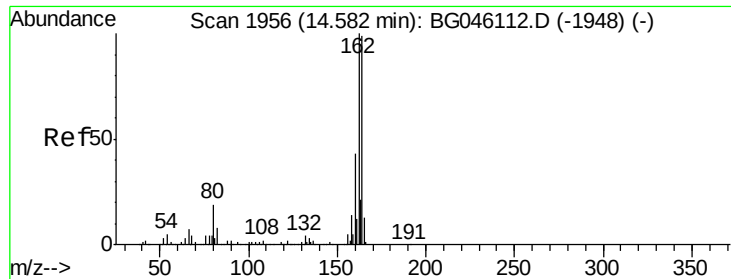
141 92.8 73.0 109.4

116 3.8 2.8 4.2



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: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

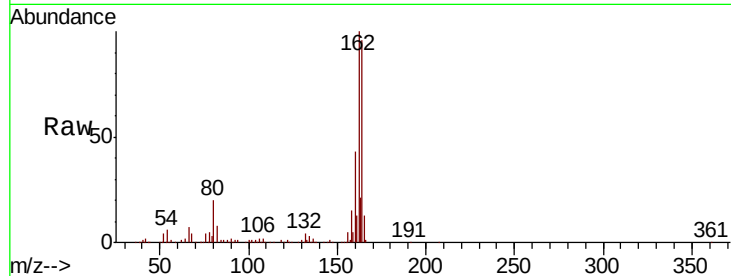
Tot Ion:164 Resp: 221788

Ion Ratio Lower Upper

164 100

162 103.8 80.6 121.0

160 44.2 34.9 52.3

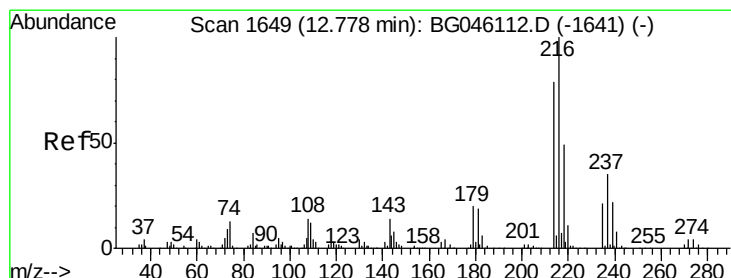
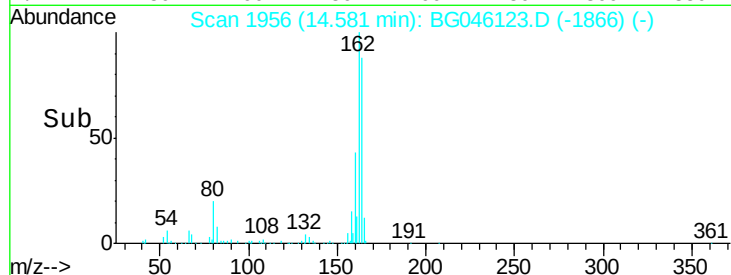
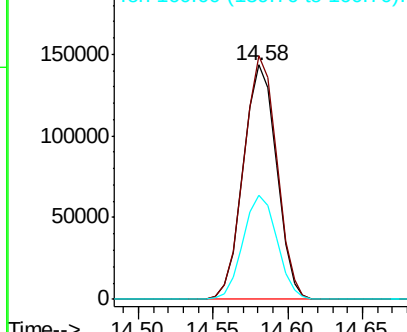


Abundance

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: 33.634 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion:216 Resp: 268771

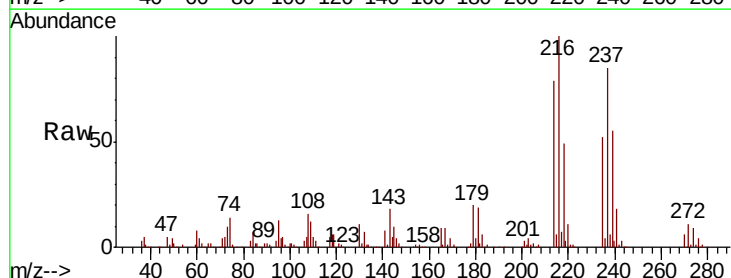
Ion Ratio Lower Upper

216 100

214 77.7 62.7 94.1

179 19.4 15.0 22.6

108 18.0 11.6 17.4#



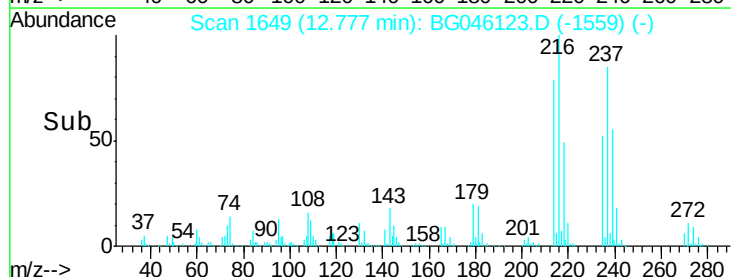
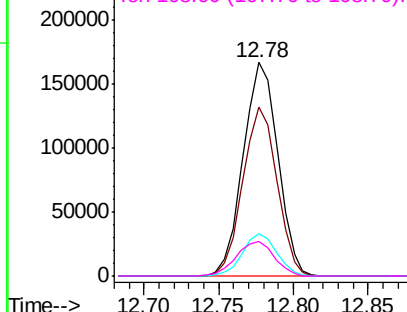
Abundance

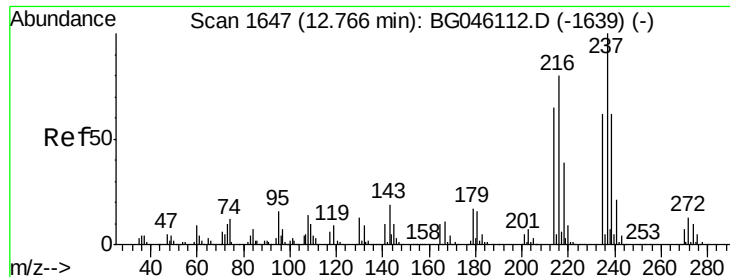
Ion 216.00 (215.70 to 216.70): E

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: 82.256 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

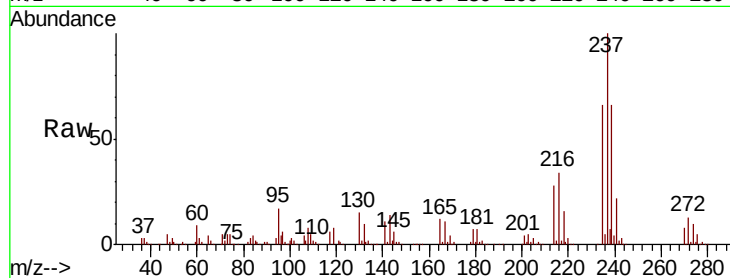
Tot Ion:237 Resp: 377031

Ion Ratio Lower Upper

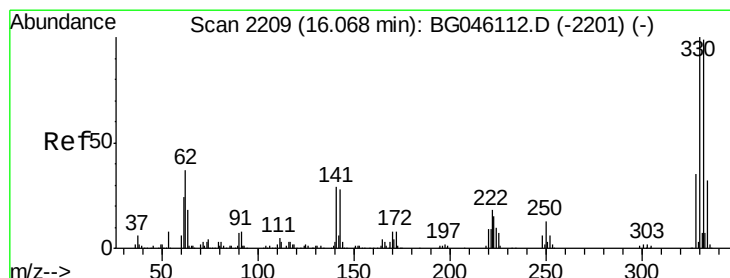
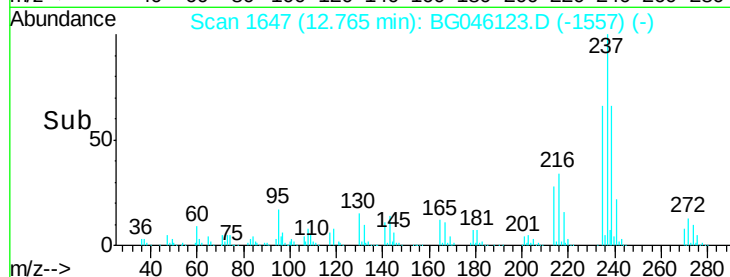
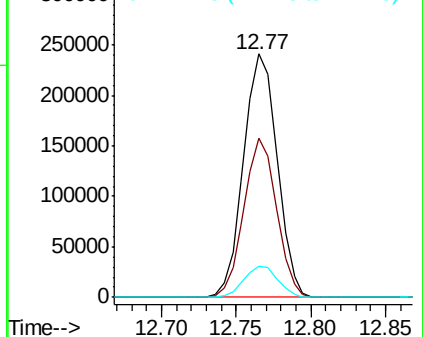
237 100

235 65.5 42.3 82.3

272 13.0 0.0 32.7



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: 102.330 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

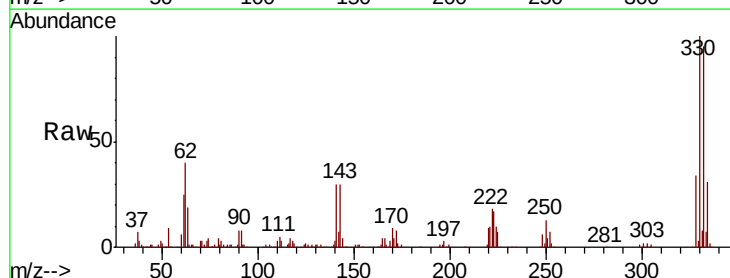
Tgt Ion:330 Resp: 348600

Ion Ratio Lower Upper

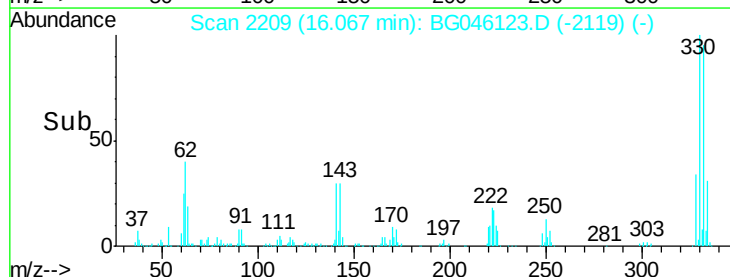
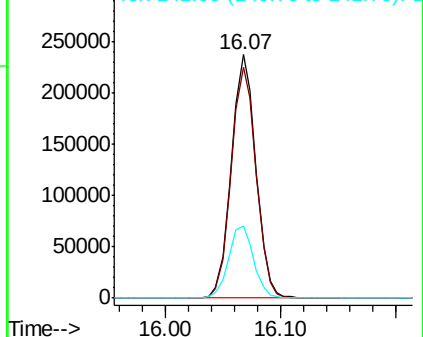
330 100

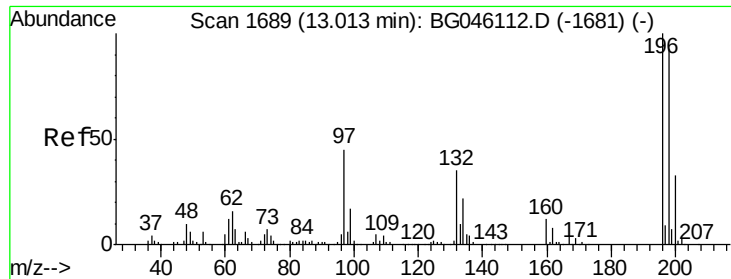
332 96.0 77.4 116.2

141 30.3 23.4 35.0



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

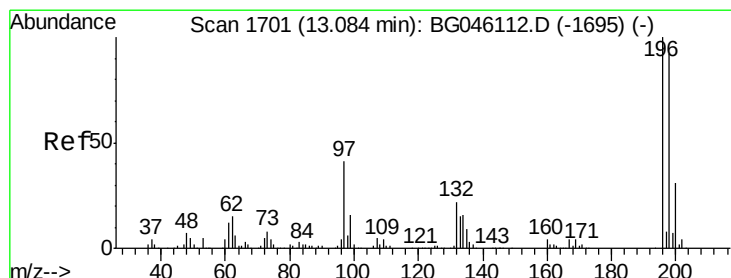
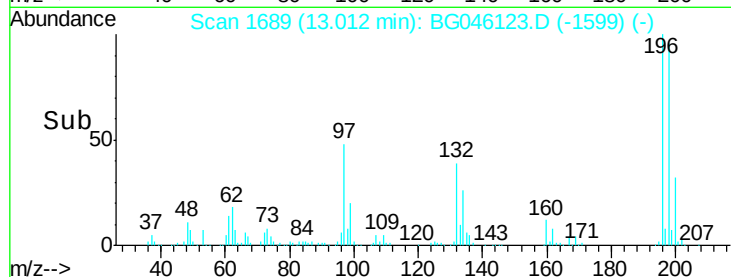
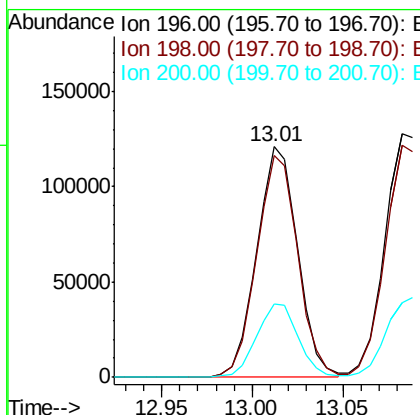
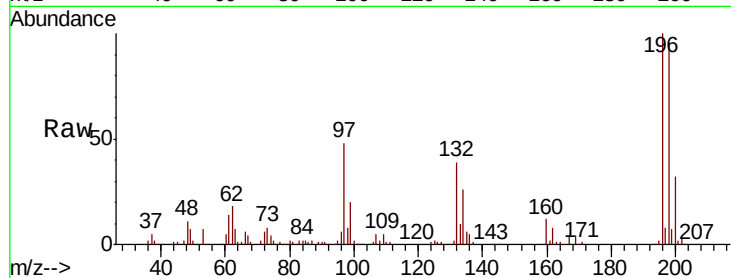




#43
 2,4,6-Trichlorophenol
 Concen: 37.089 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

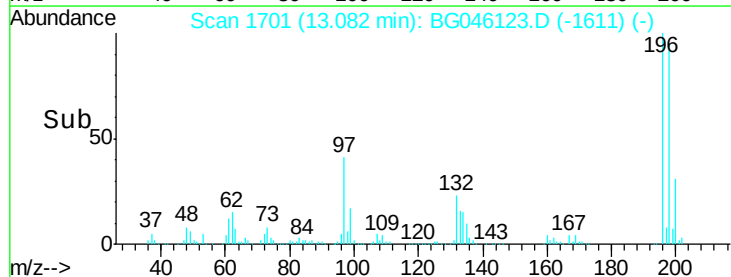
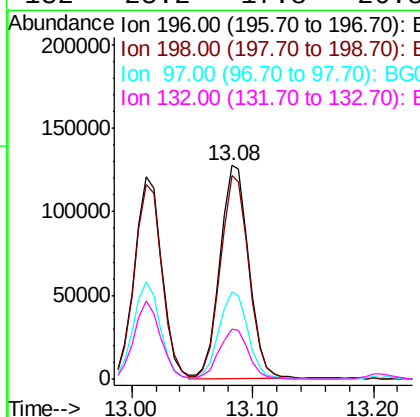
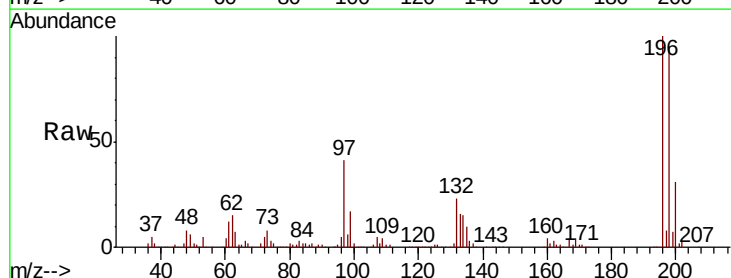
Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

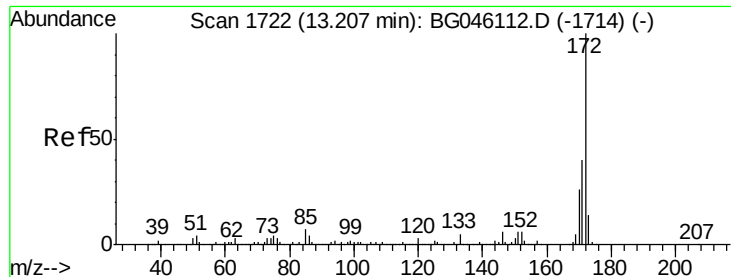
Tot Ion:196 Resp: 189092
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.2 111.4
 200 31.9 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 37.917 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion:196 Resp: 210924
 Ion Ratio Lower Upper
 196 100
 198 95.2 73.9 110.9
 97 41.0 32.7 49.1
 132 23.2 17.8 26.8

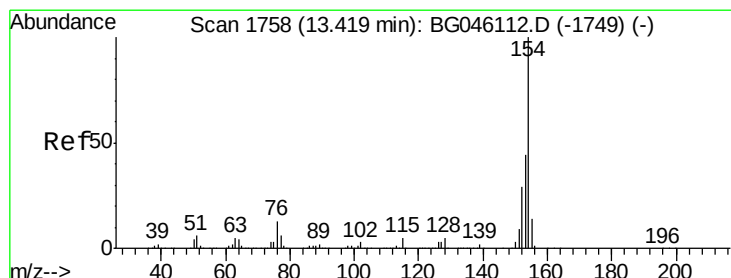
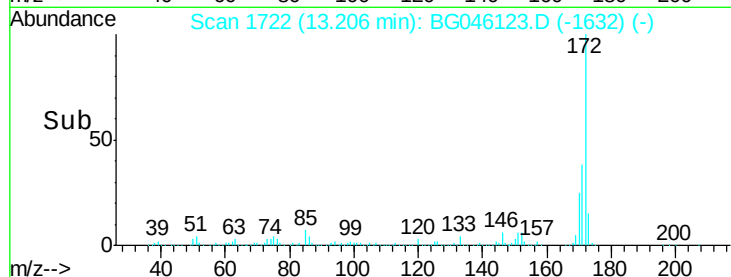
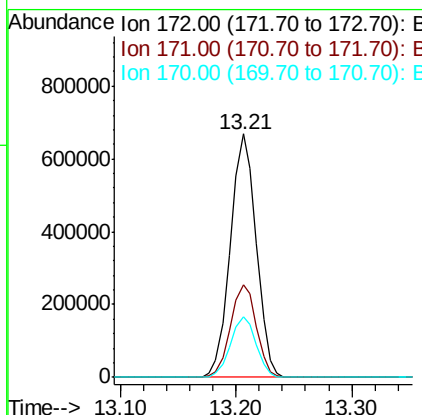
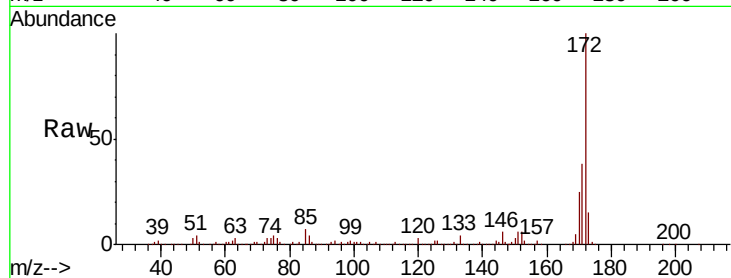




#45
2-Fluorobiphenyl
Concen: 67.450 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

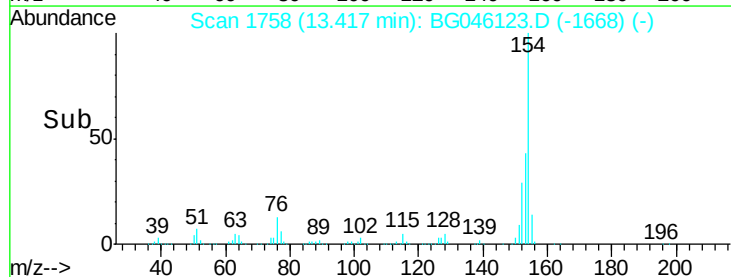
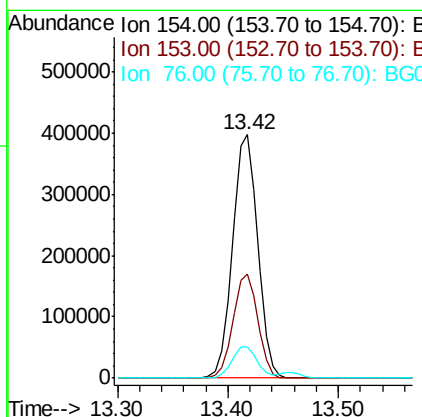
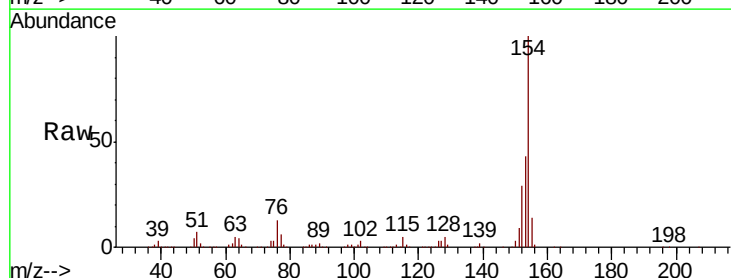
Instrument :
BNA_G
ClientSampleId :
PB130584BS

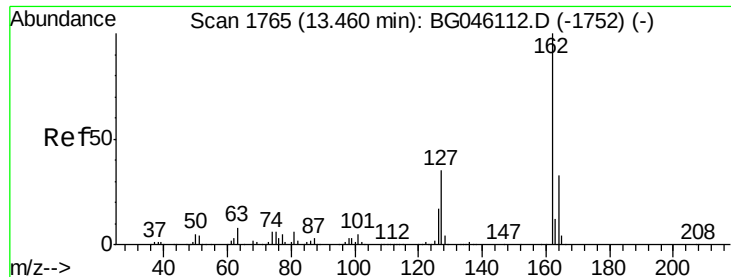
Tot Ion:172 Resp: 1029828
Ion Ratio Lower Upper
172 100
171 37.9 31.7 47.5
170 25.0 20.9 31.3



#46
1,1'-Biphenyl
Concen: 36.350 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion:154 Resp: 632442
Ion Ratio Lower Upper
154 100
153 42.6 23.7 63.7
76 12.7 0.0 32.9

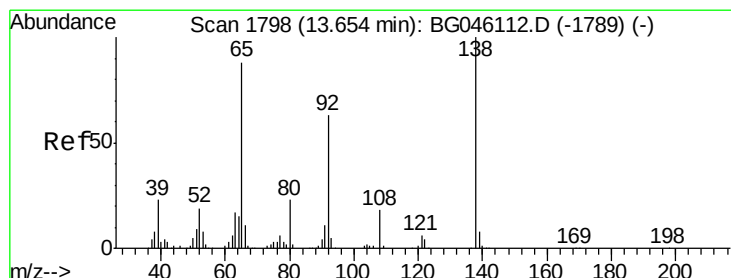
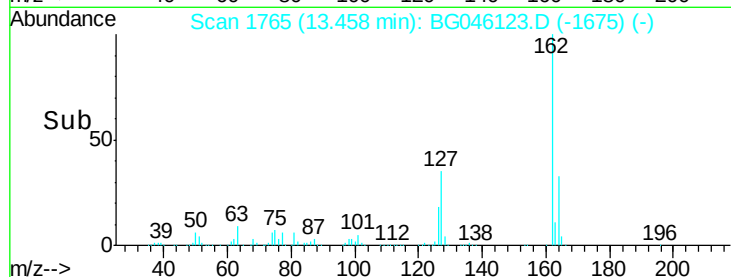
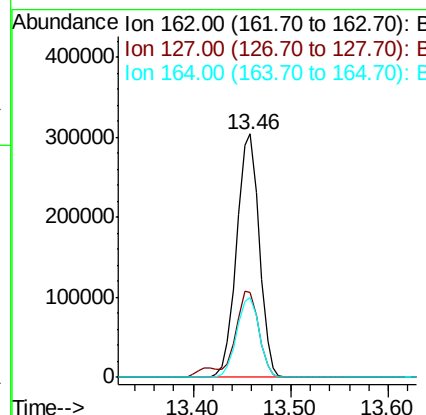
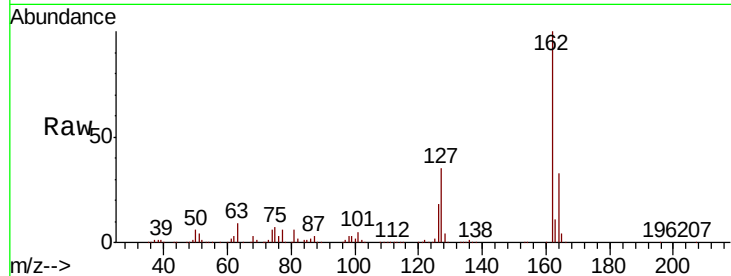




#47
2-Chloronaphthalene
Concen: 35.230 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

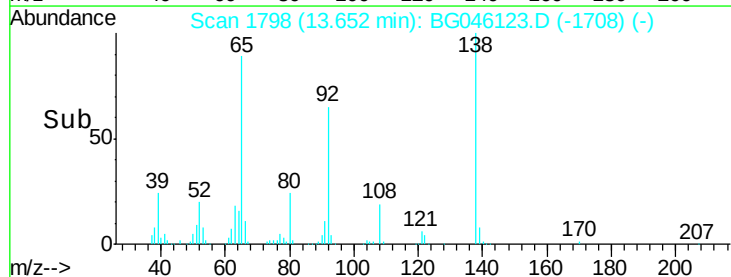
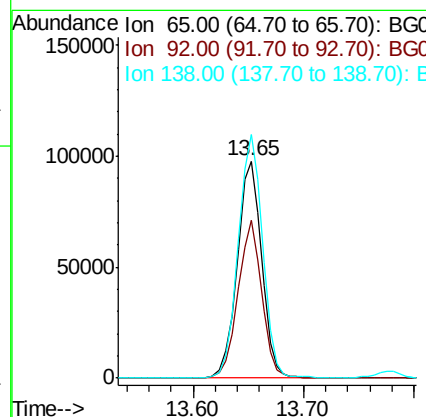
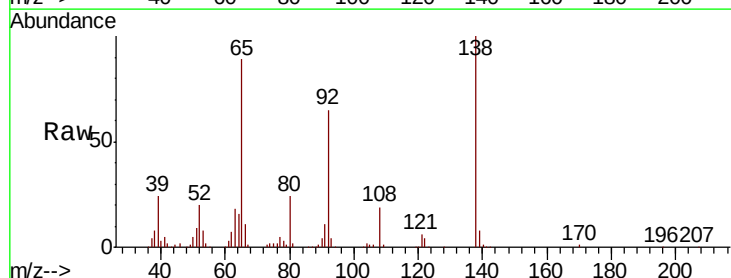
Instrument :
BNA_G
ClientSampleId :
PB130584BS

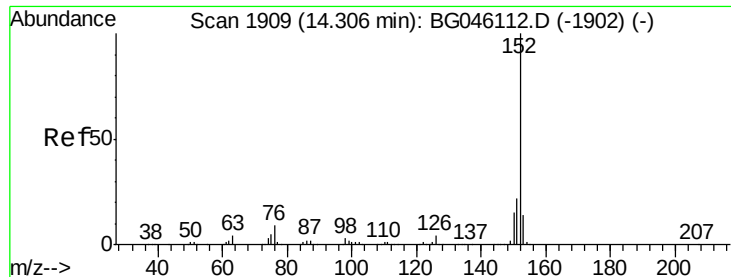
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	28.0	42.0
164	32.9	26.5	39.7



#48
2-Nitroaniline
Concen: 42.044 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.4	86.2
138	112.3	91.1	136.7





#49

Acenaphthylene

Concen: 37.433 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

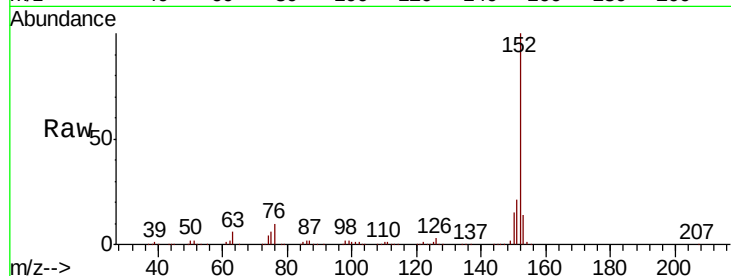
Tot Ion:152 Resp: 806685

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.2

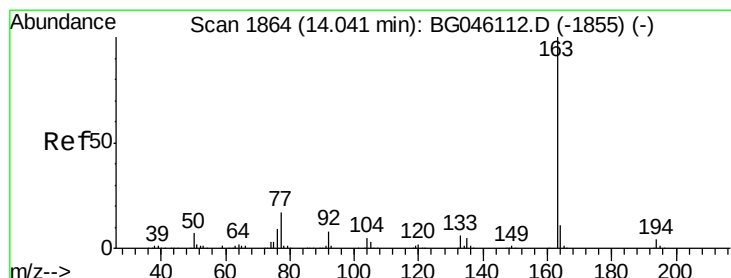
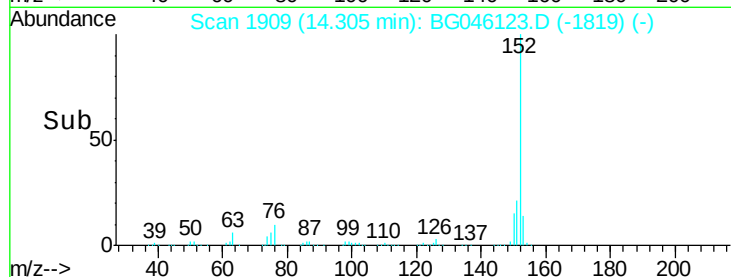
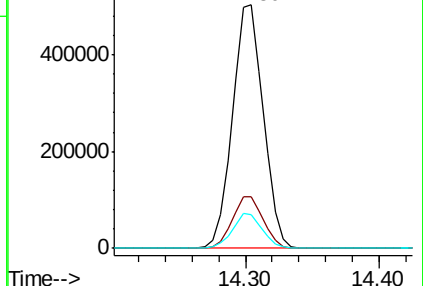
153 13.9 10.9 16.3



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: 38.801 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

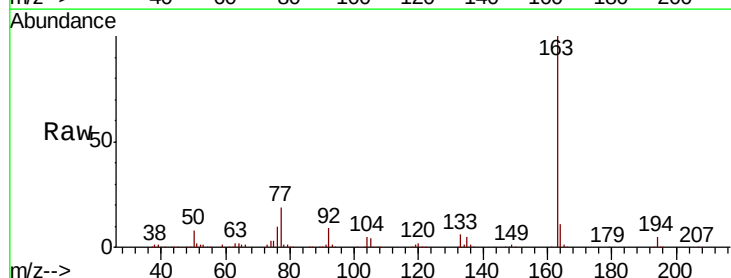
Tgt Ion:163 Resp: 660502

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

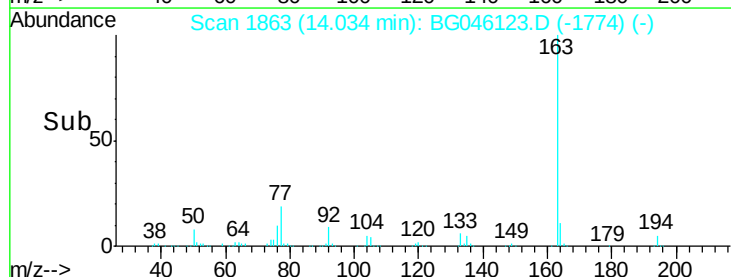
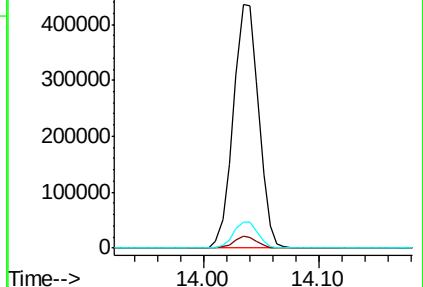
164 10.9 8.8 13.2

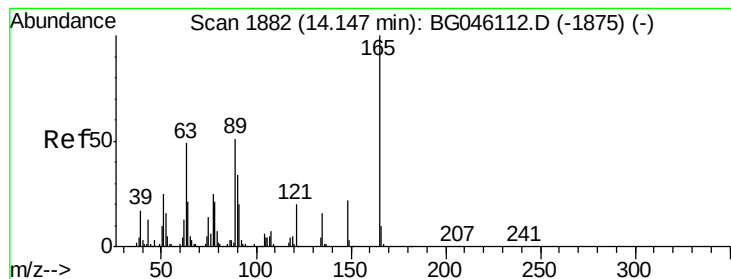


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.250 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

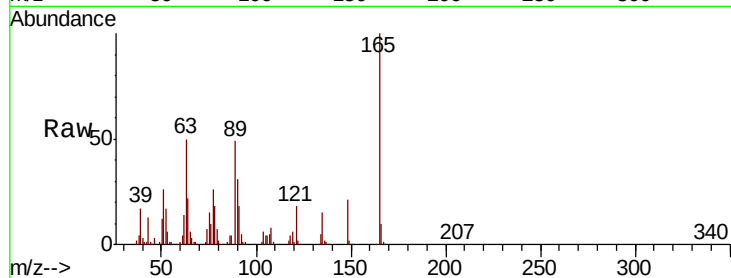
Tot Ion:165 Resp: 151534

Ion Ratio Lower Upper

165 100

63 49.6 39.7 59.5

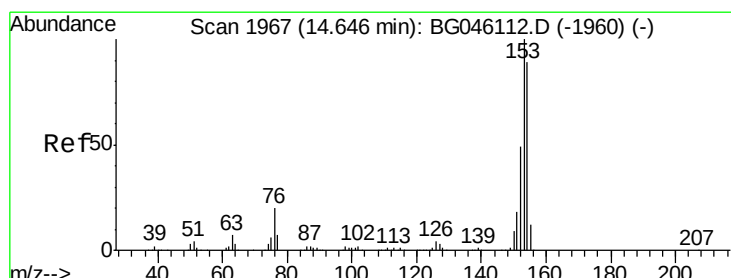
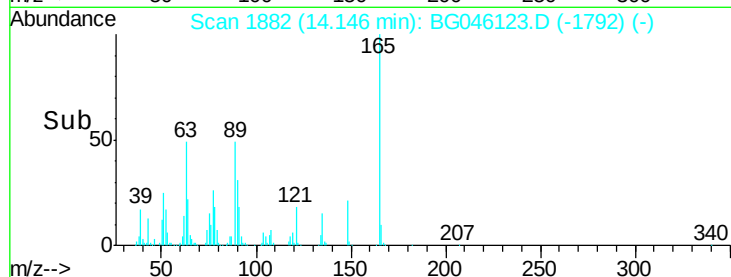
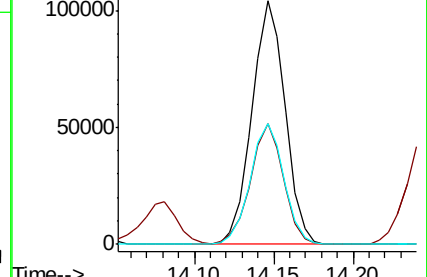
89 49.4 41.0 61.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.624 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

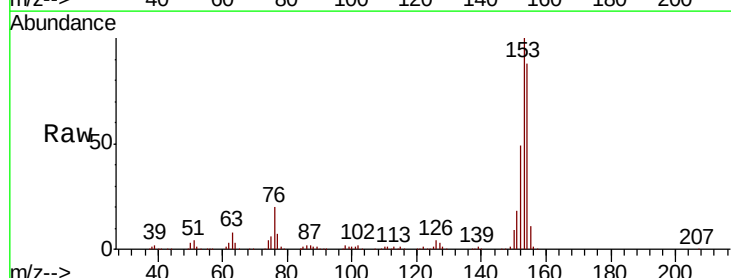
Tgt Ion:154 Resp: 577794

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.8

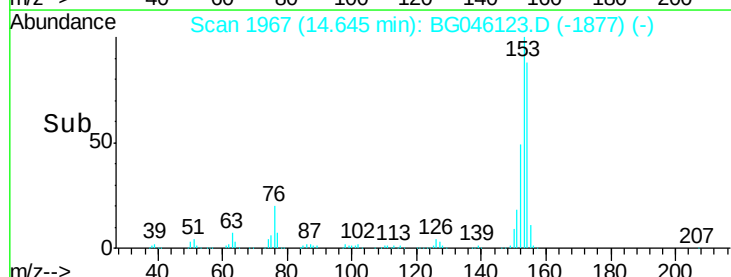
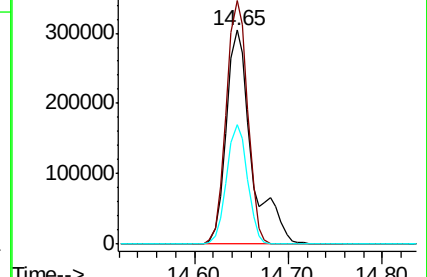
152 55.9 44.5 66.7

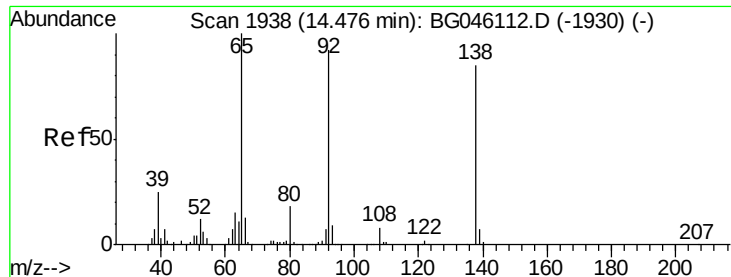


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.965 ng

RT: 14.47 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

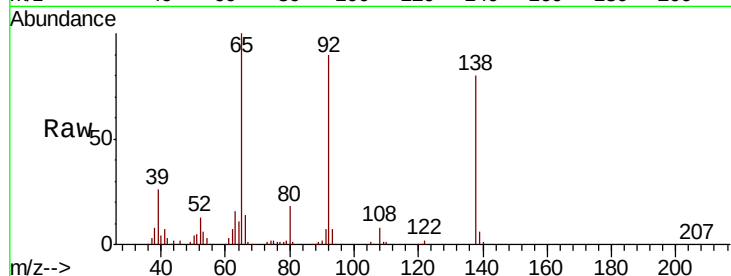
Tot Ion:138 Resp: 105905

Ion Ratio Lower Upper

138 100

108 10.1 7.2 10.8

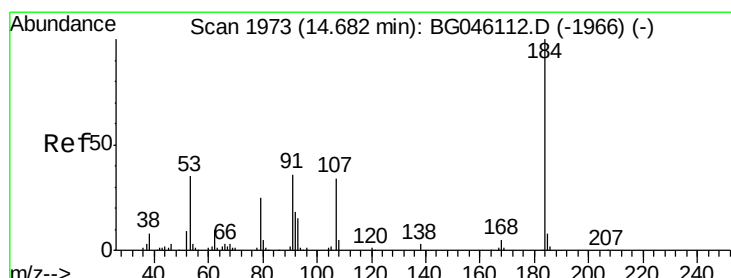
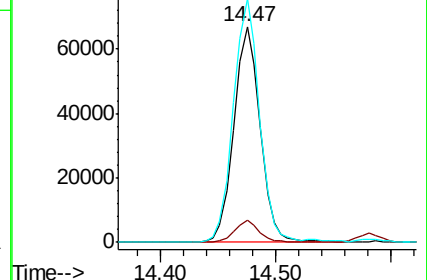
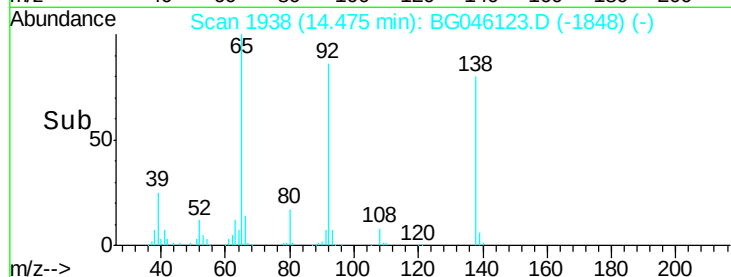
92 112.8 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 70.946 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

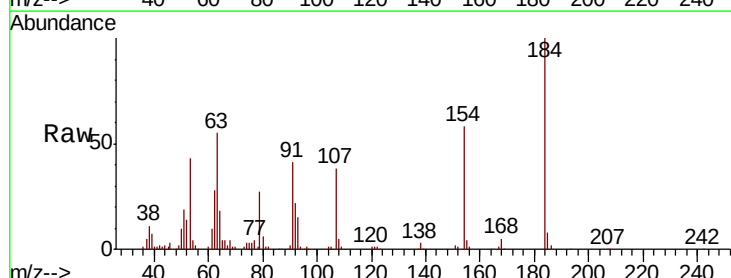
Tgt Ion:184 Resp: 175870

Ion Ratio Lower Upper

184 100

63 55.3 36.7 55.1#

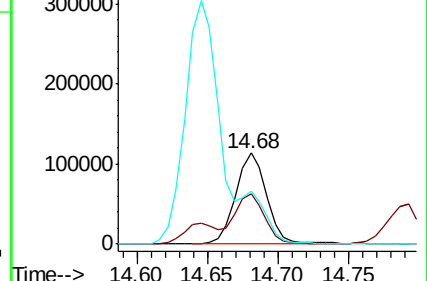
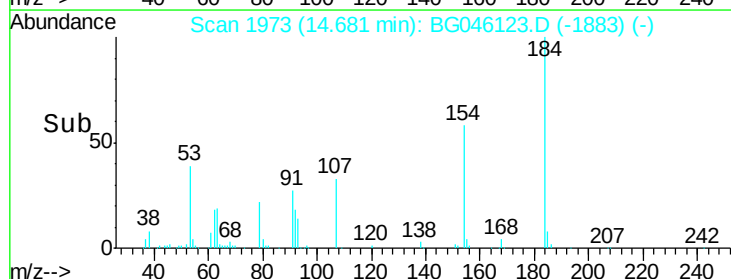
154 58.0 41.3 61.9

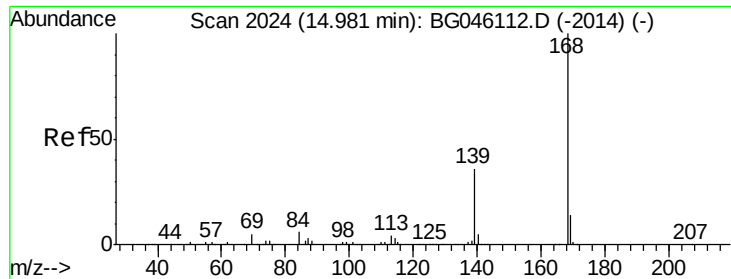


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

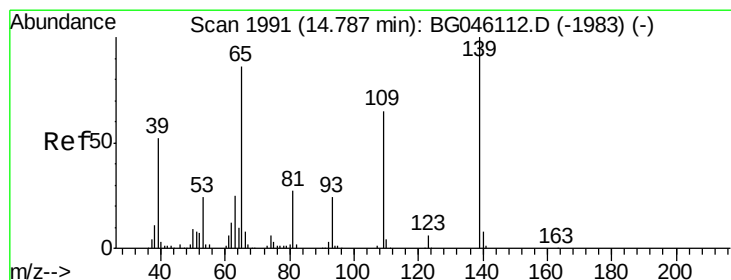
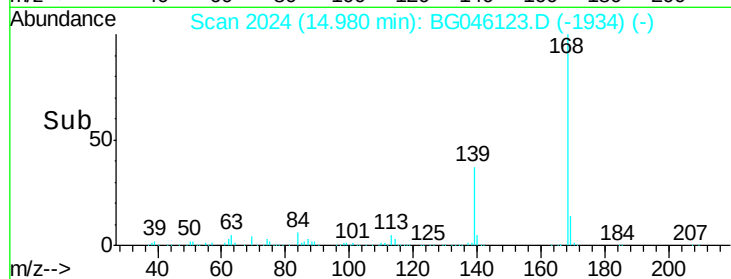
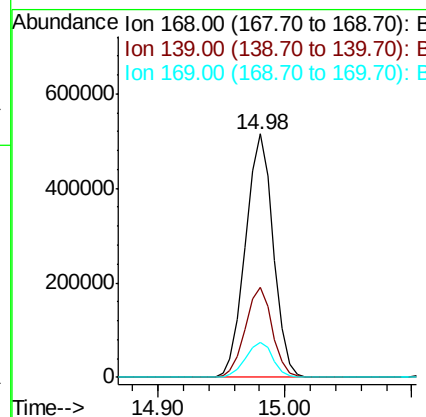
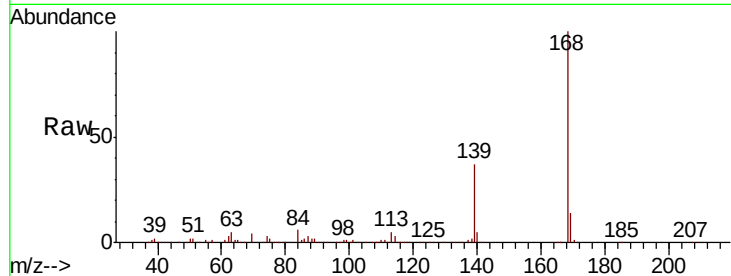




#55
Dibenzenofuran
Concen: 36.355 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

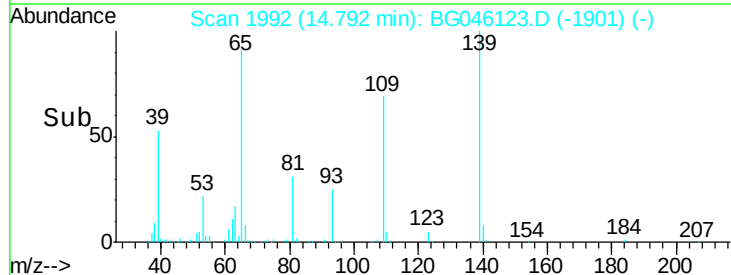
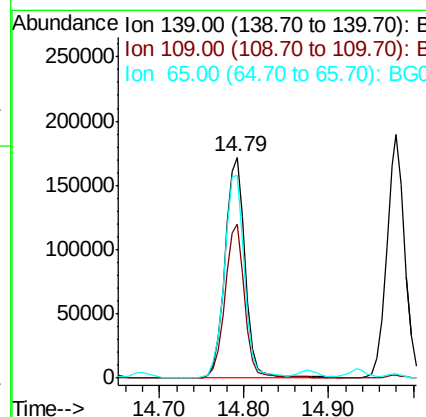
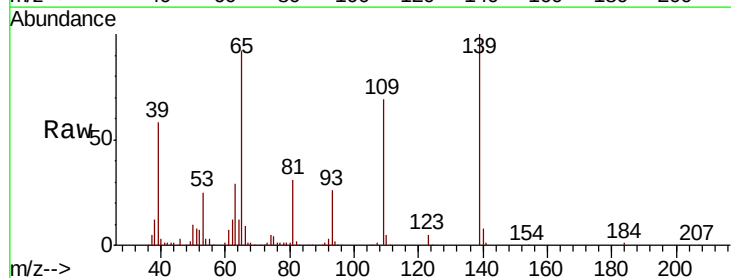
Instrument :
BNA_G
ClientSampleId :
PB130584BS

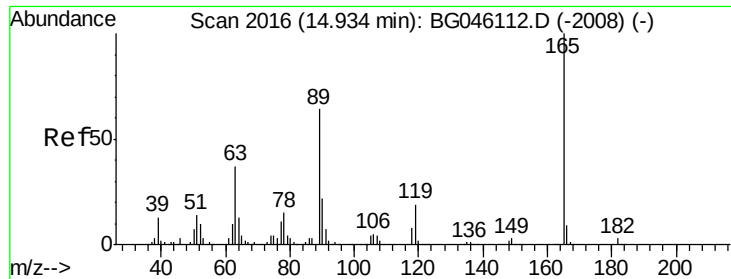
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.0	43.4
169	14.1	11.3	16.9



#56
4-Nitrophenol
Concen: 83.306 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	45.1	85.1
65	92.0	66.4	106.4

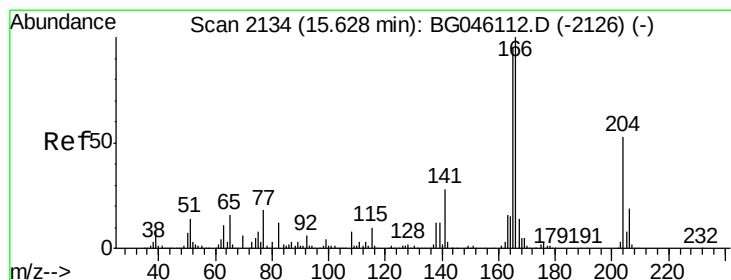
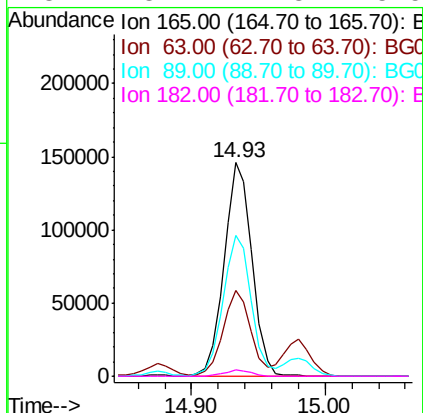
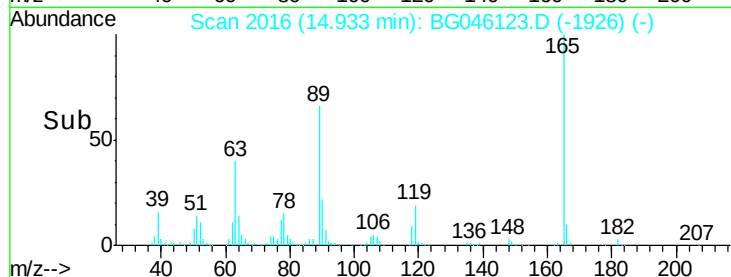
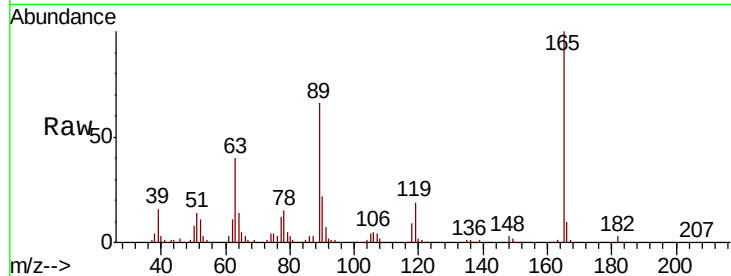




#57
 2,4-Dinitrotoluene
 Concen: 39.063 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

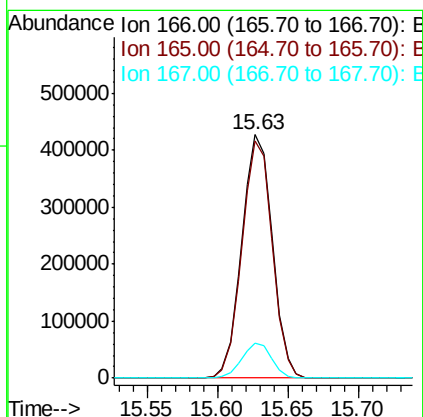
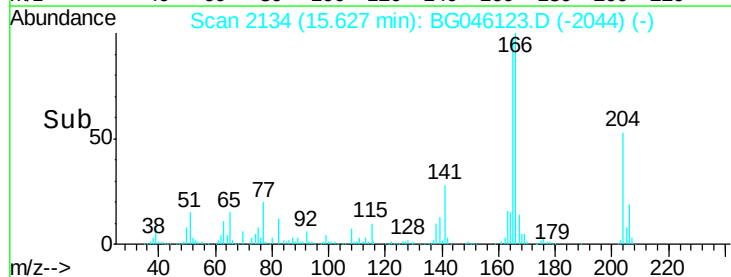
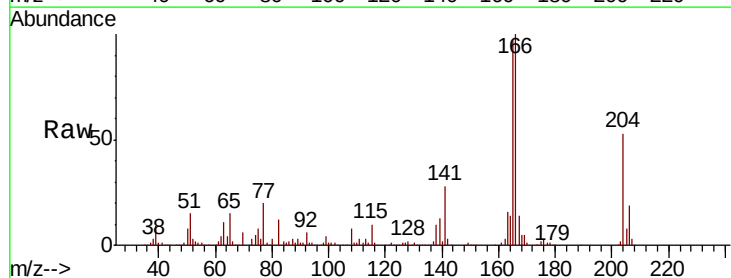
Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

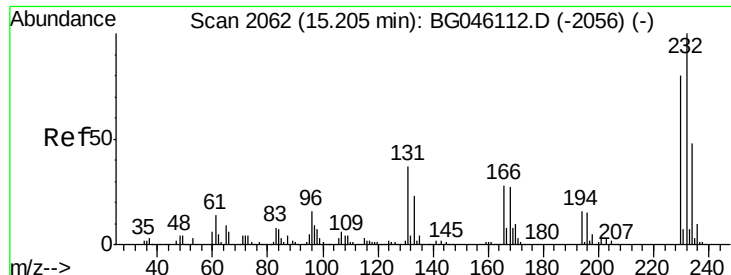
Tot Ion:165 Resp: 212778
 Ion Ratio Lower Upper
 165 100
 63 40.1 30.1 45.1
 89 65.9 51.4 77.2
 182 3.1 2.3 3.5



#58
 Fluorene
 Concen: 37.251 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion:166 Resp: 647425
 Ion Ratio Lower Upper
 166 100
 165 97.2 76.3 114.5
 167 14.2 11.0 16.6

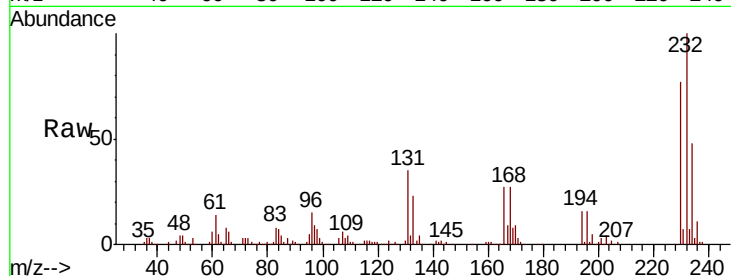




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.271 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.3	28.6	42.8
130	2.1	1.6	2.4
166	28.3	22.5	33.7



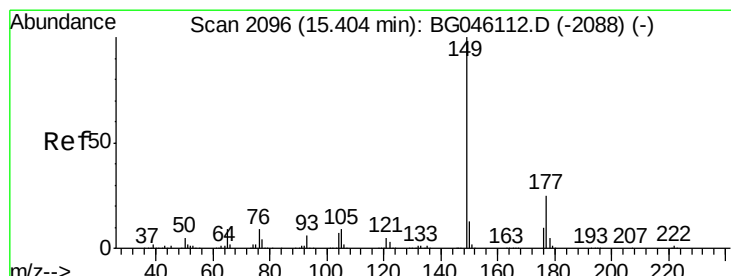
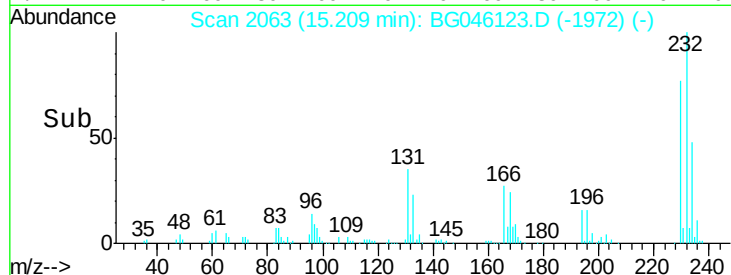
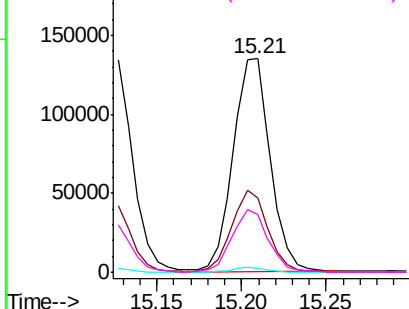
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

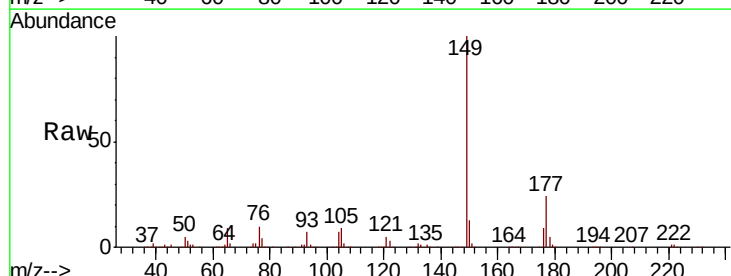
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.938 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.7	29.5
150	12.7	10.8	16.2

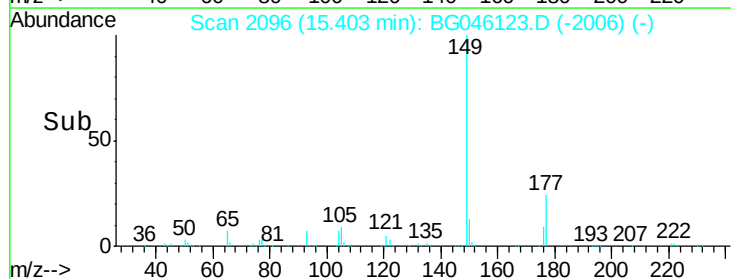
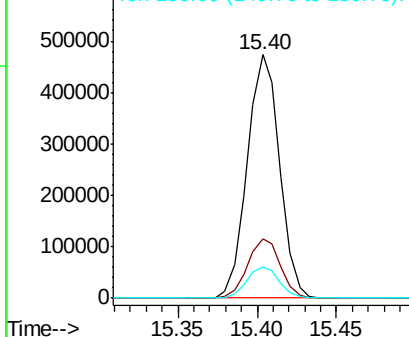


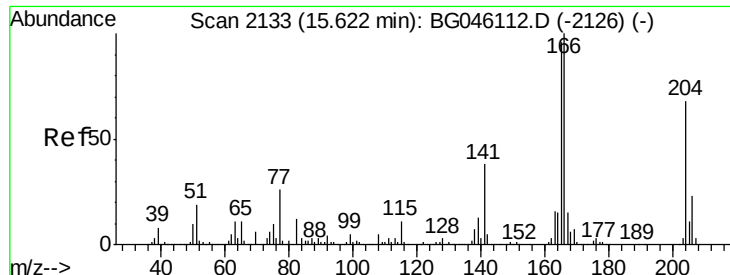
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

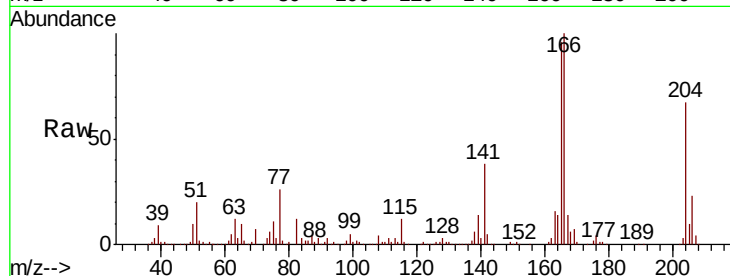




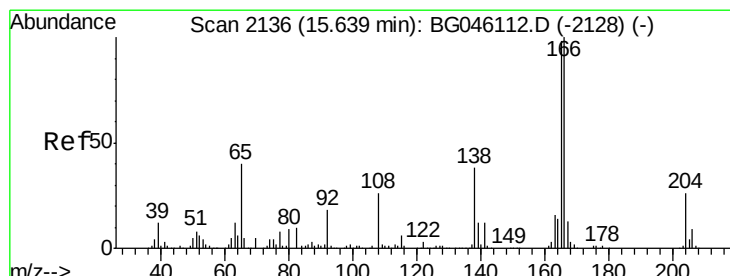
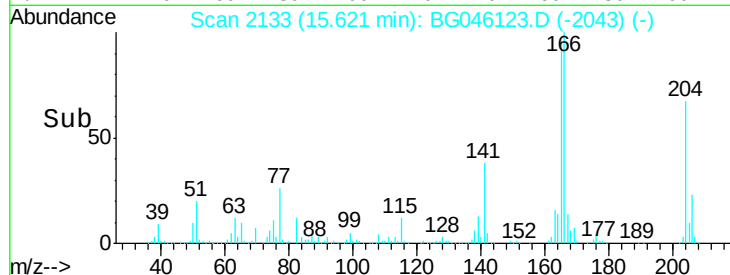
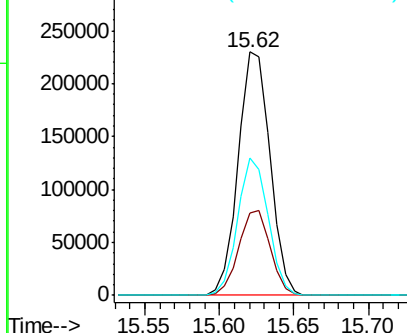
#61
 4-Chlorophenyl-phenylether
 Concen: 37.501 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Tot Ion:204 Resp: 340410
 Ion Ratio Lower Upper
 204 100
 206 33.7 27.7 41.5
 141 56.5 44.7 67.1

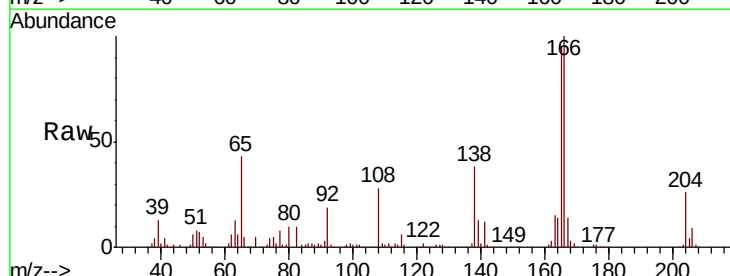


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

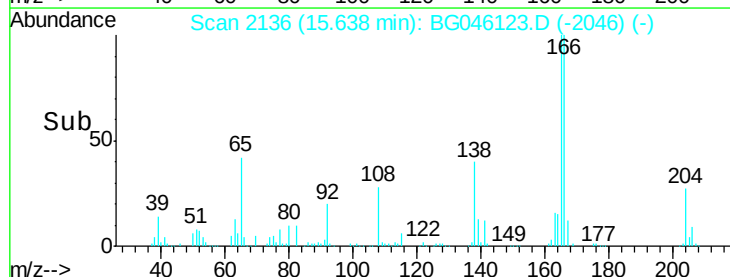
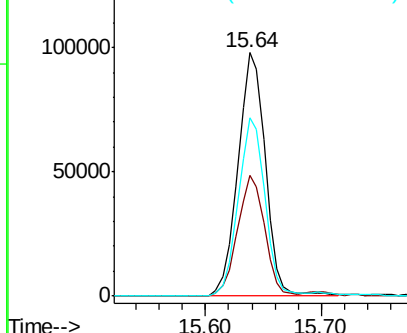


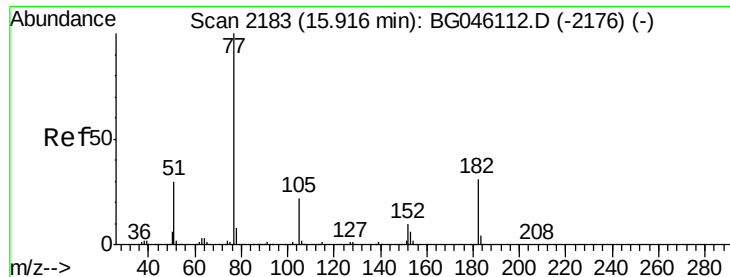
#62
 4-Nitroaniline
 Concen: 40.837 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion:138 Resp: 161310
 Ion Ratio Lower Upper
 138 100
 92 49.9 28.3 68.3
 108 73.0 49.2 89.2



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





#63

Azobenzene

Concen: 38.847 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

Tot Ion: 77 Resp: 609653

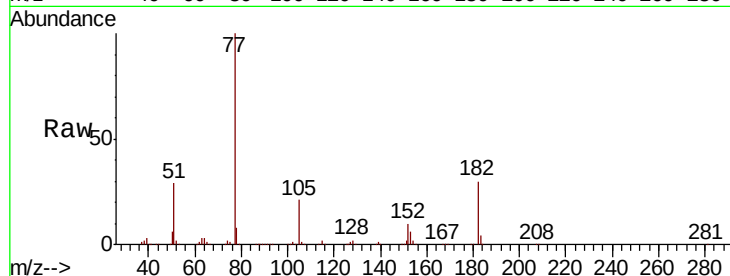
Ion Ratio Lower Upper

77 100

182 29.8 10.7 50.7

105 21.5 1.9 41.9

51 29.0 9.5 49.5

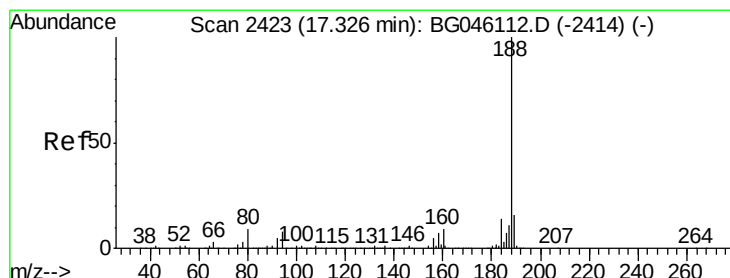
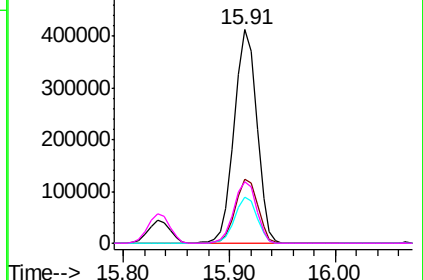
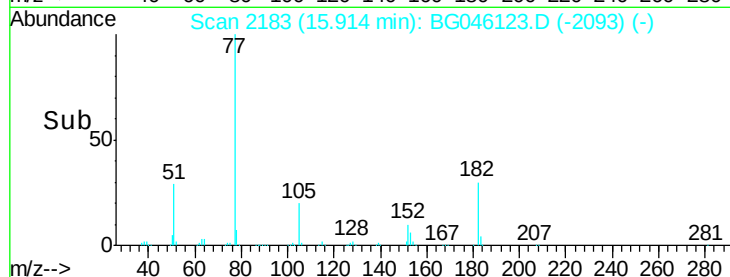


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2423

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

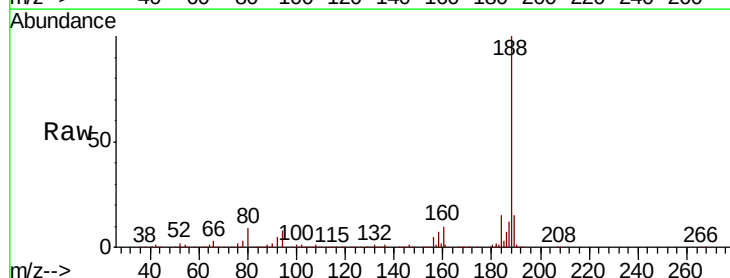
Tgt Ion: 188 Resp: 542863

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

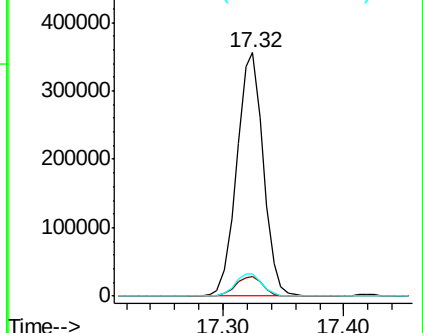
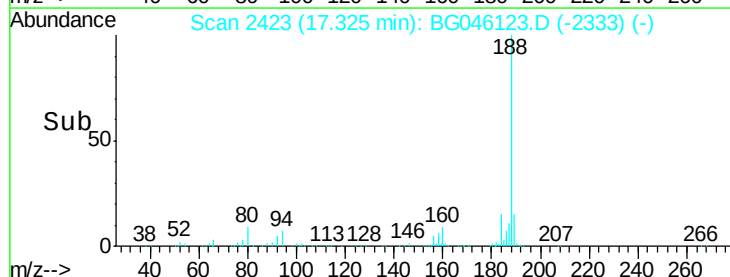
80 8.9 7.4 11.0

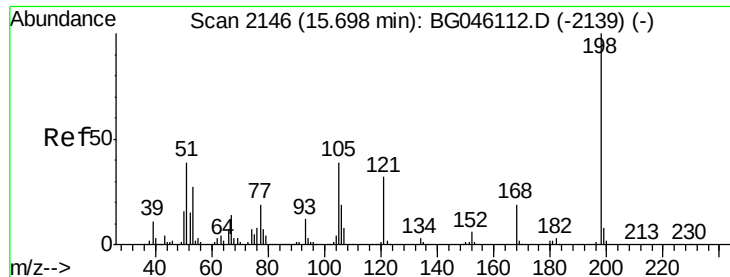


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

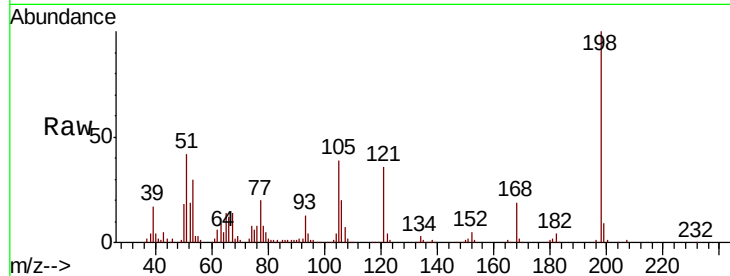




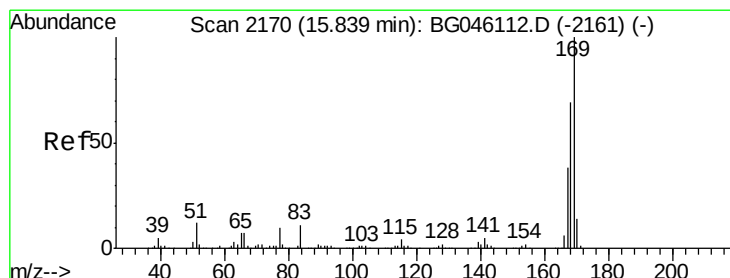
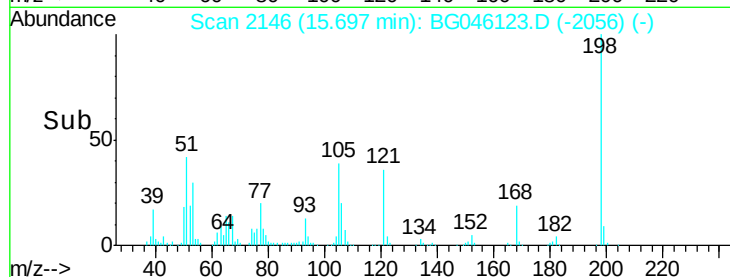
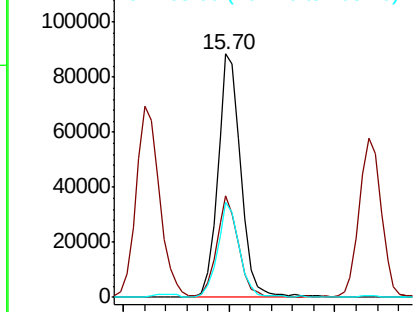
#65
4,6-Dinitro-2-methylphenol
Concen: 37.105 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion:198 Resp: 133214
Ion Ratio Lower Upper
198 100
51 41.8 20.1 60.1
105 39.1 19.2 59.2

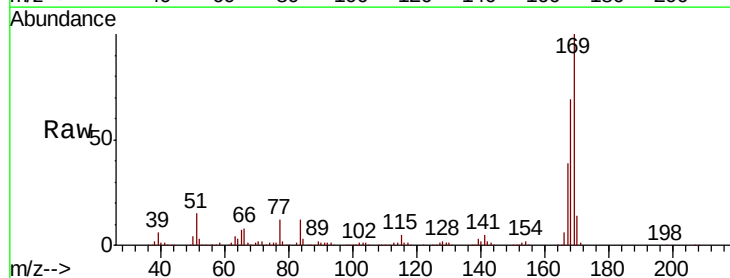


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

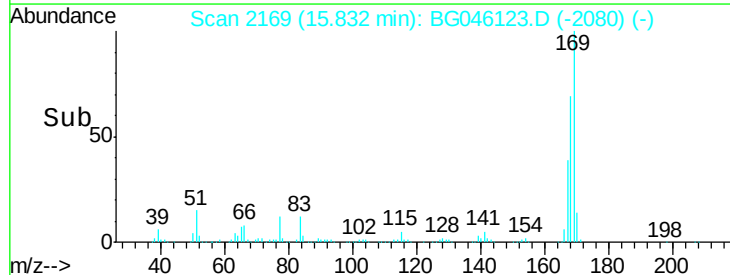
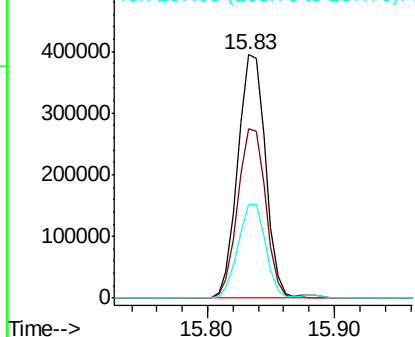


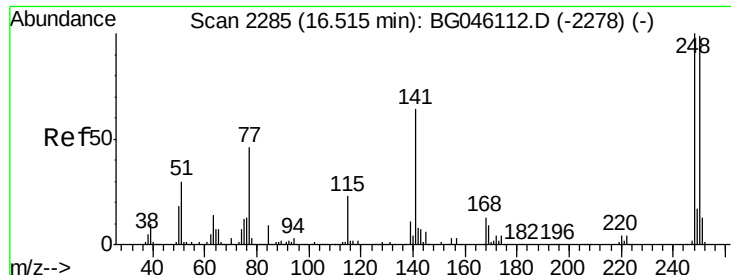
#66
n-Nitrosodiphenylamine
Concen: 36.157 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion:169 Resp: 594157
Ion Ratio Lower Upper
169 100
168 69.5 55.1 82.7
167 38.5 30.5 45.7



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

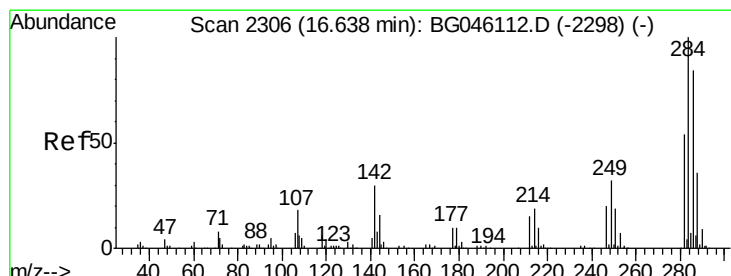
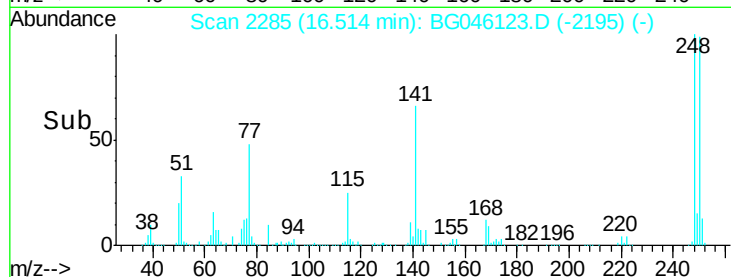
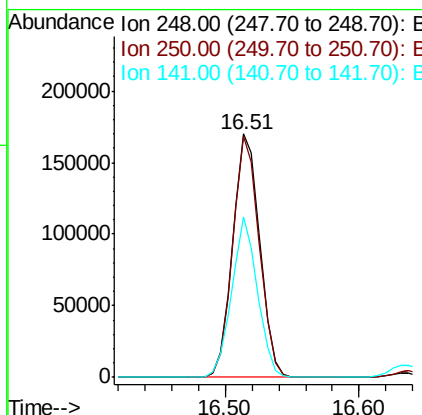
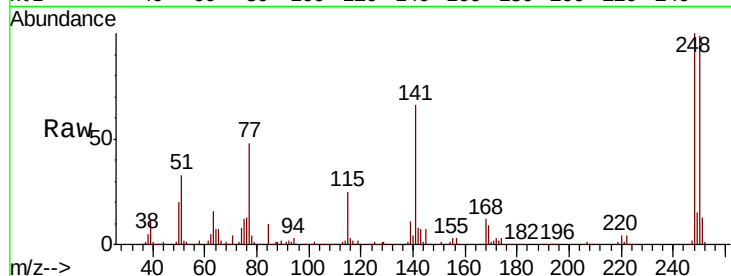




#67
 4-Bromophenyl-phenylether
 Concen: 35.797 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

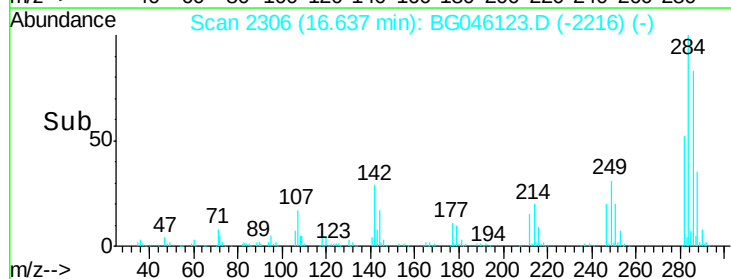
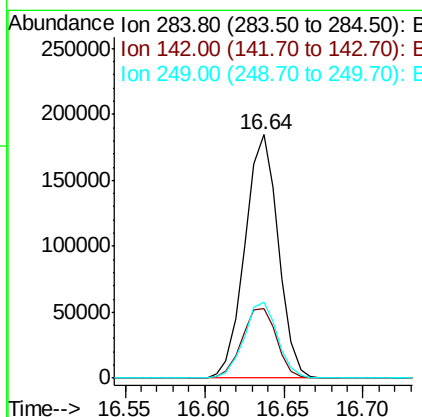
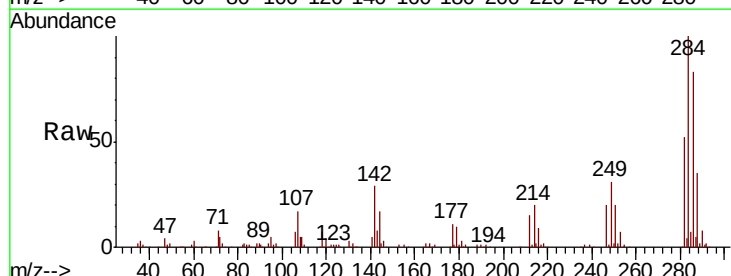
Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

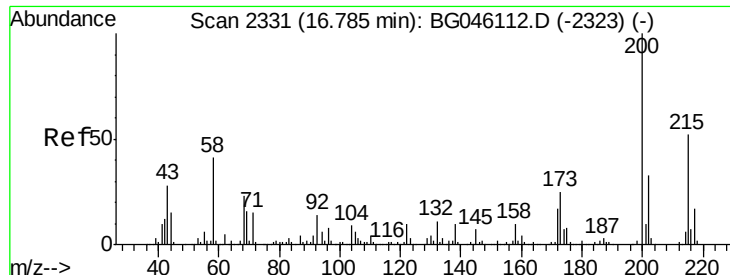
Tot Ion:248 Resp: 240077
 Ion Ratio Lower Upper
 248 100
 250 99.1 79.4 119.0
 141 65.9 50.9 76.3



#68
 Hexachlorobenzene
 Concen: 35.837 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion:284 Resp: 269501
 Ion Ratio Lower Upper
 284 100
 142 28.5 23.6 35.4
 249 31.1 25.3 37.9





#69

Atrazine

Concen: 35.166 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

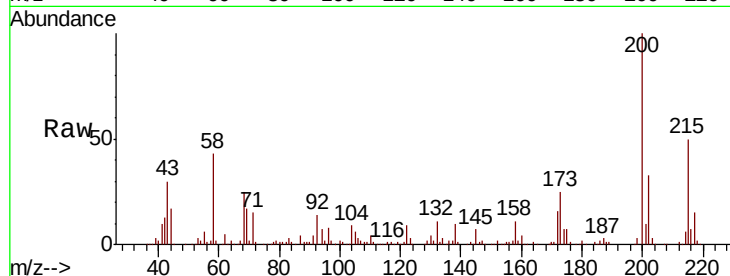
Tot Ion:200 Resp: 222519

Ion Ratio Lower Upper

200 100

173 24.9 5.3 45.3

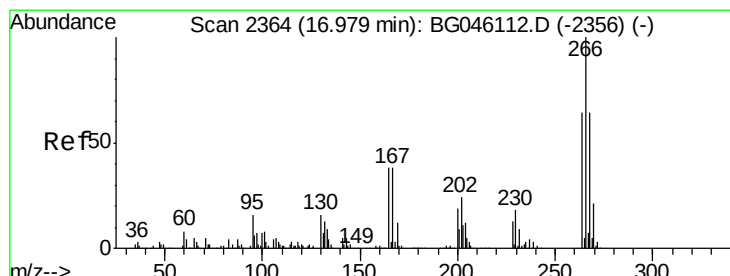
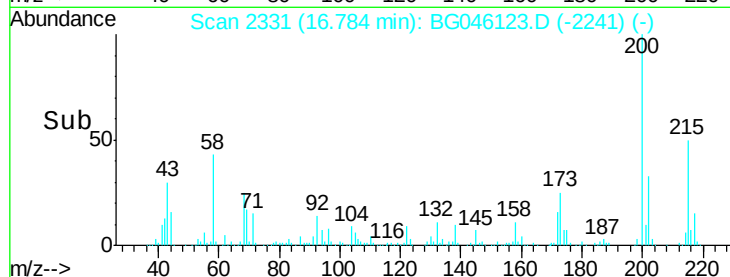
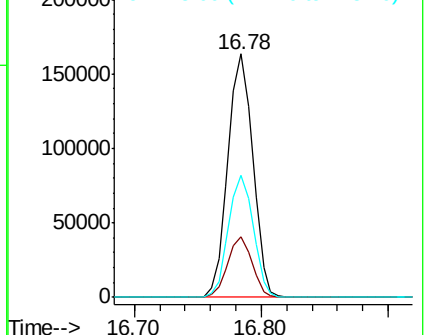
215 50.1 31.5 71.5



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: 77.510 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

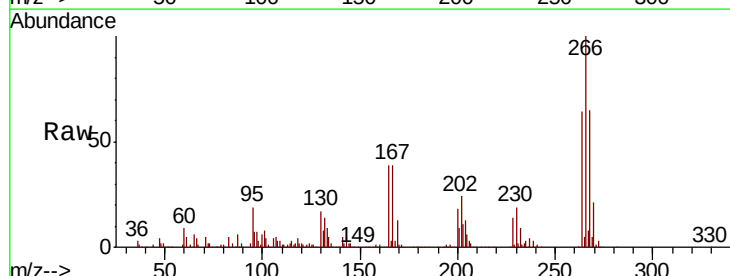
Tgt Ion:266 Resp: 378204

Ion Ratio Lower Upper

266 100

268 65.4 51.2 76.8

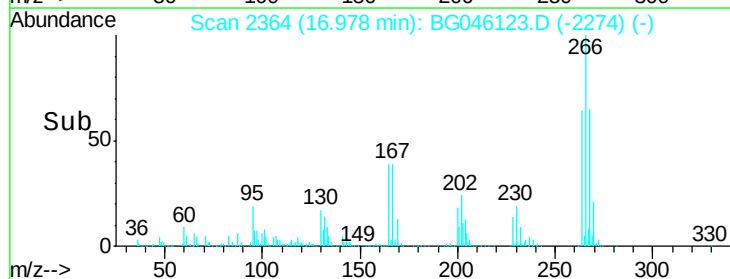
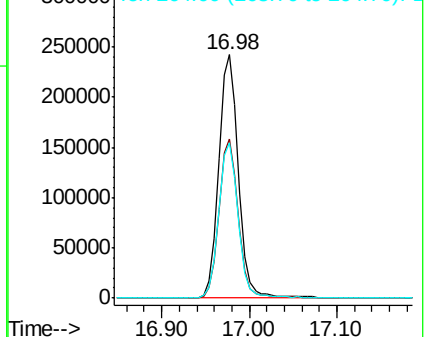
264 63.8 51.1 76.7

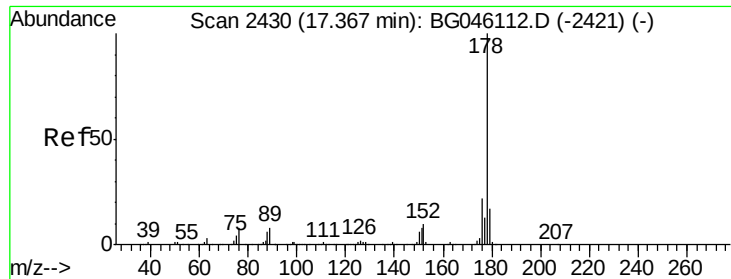


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

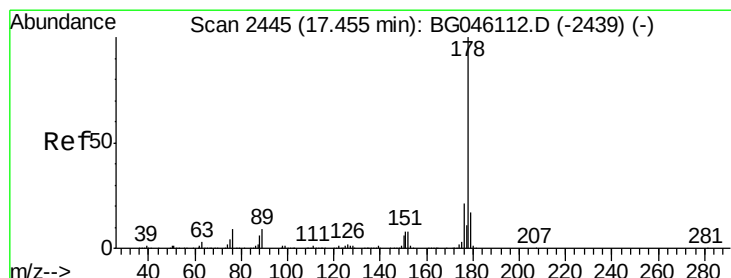
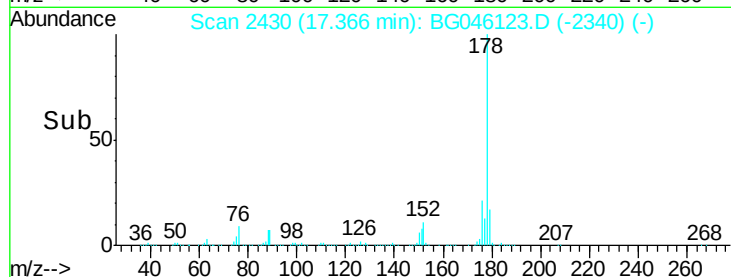
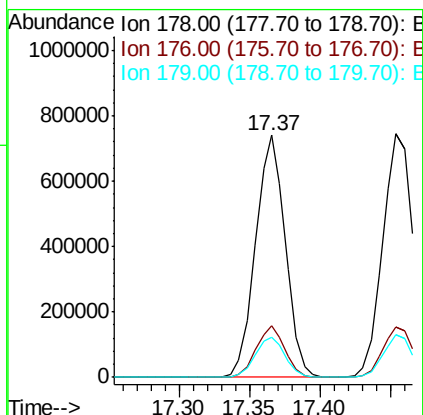
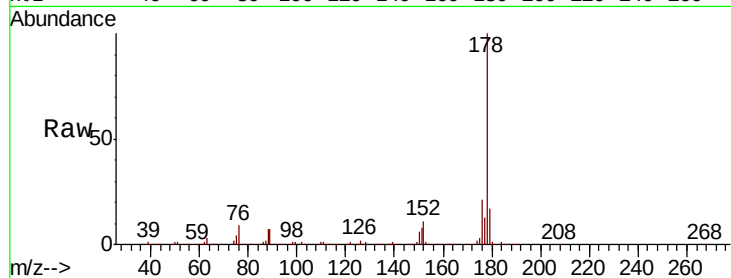




#71
Phenanthrene
Concen: 36.955 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

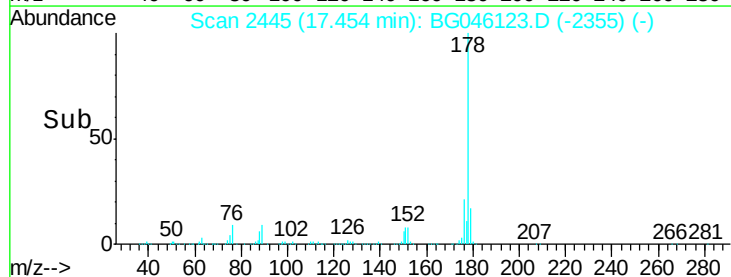
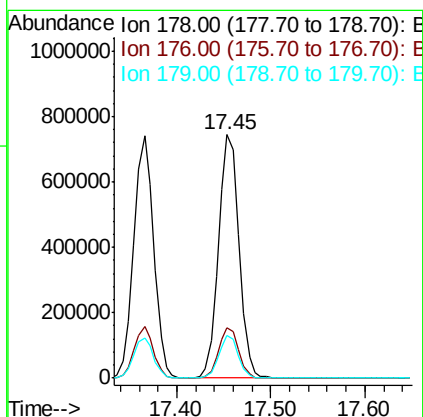
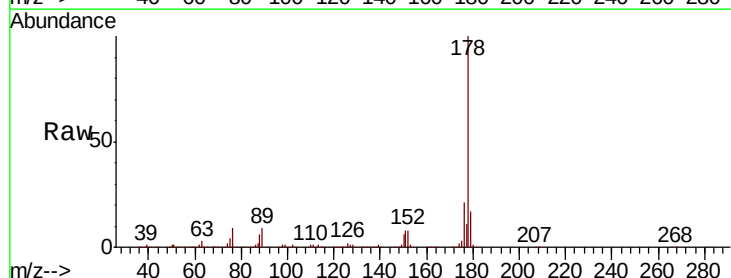
Instrument :
BNA_G
ClientSampleId :
PB130584BS

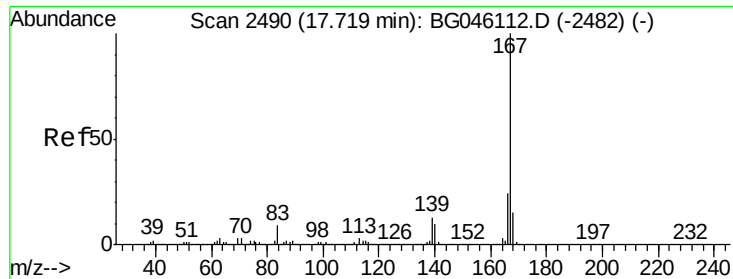
Tot Ion:178 Resp: 1098931
Ion Ratio Lower Upper
178 100
176 21.1 17.3 25.9
179 16.7 13.8 20.6



#72
Anthracene
Concen: 38.354 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion:178 Resp: 1134454
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 17.4 13.4 20.2

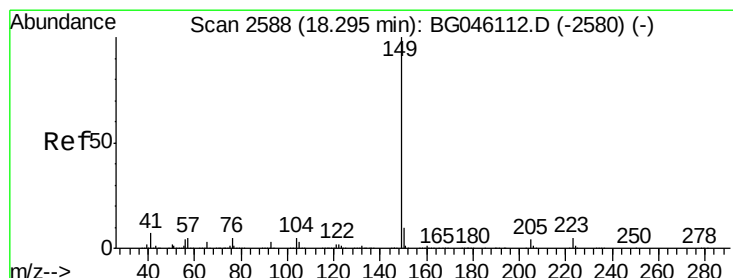
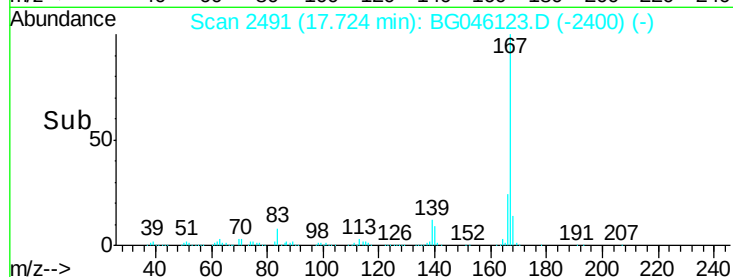
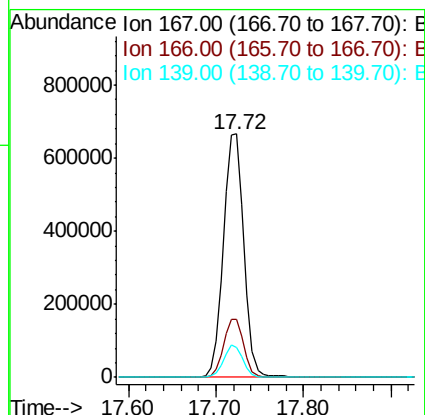
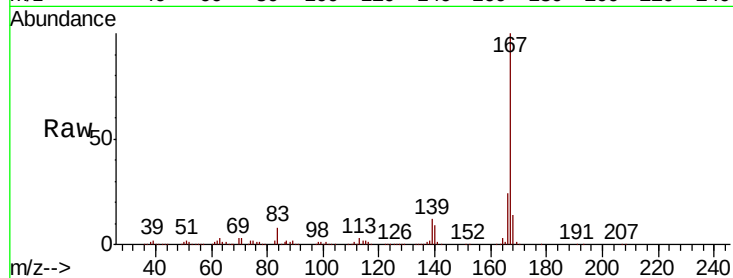




#73
 Carbazole
 Concen: 37.850 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

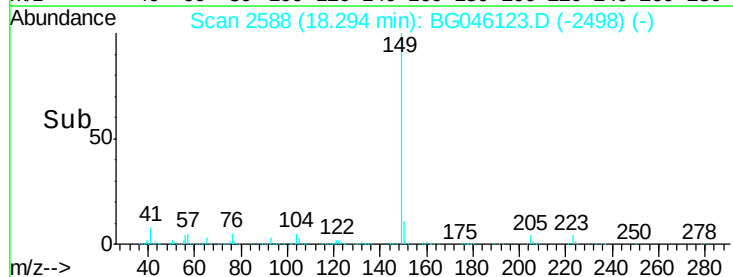
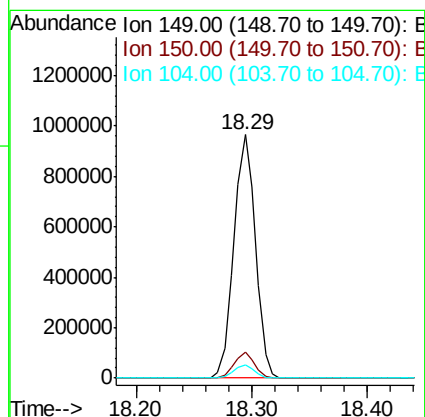
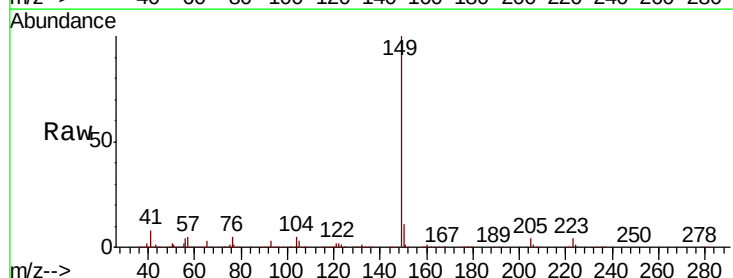
Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

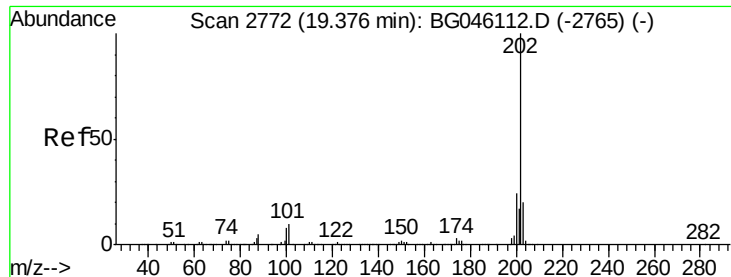
Tot Ion:167 Resp: 1079553
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.4 29.0
 139 12.4 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 41.807 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion:149 Resp: 1246404
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.4 12.6
 104 5.4 4.2 6.2





#75

Fluoranthene

Concen: 39.559 ng

RT: 19.38 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

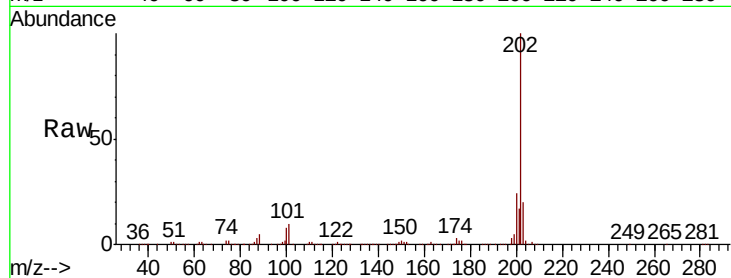
Tot Ion:202 Resp: 1468657

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.0

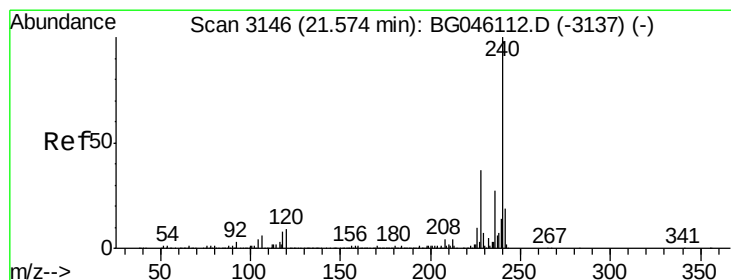
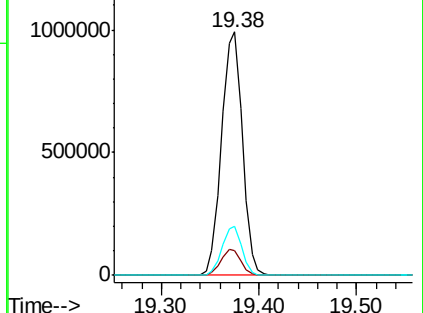
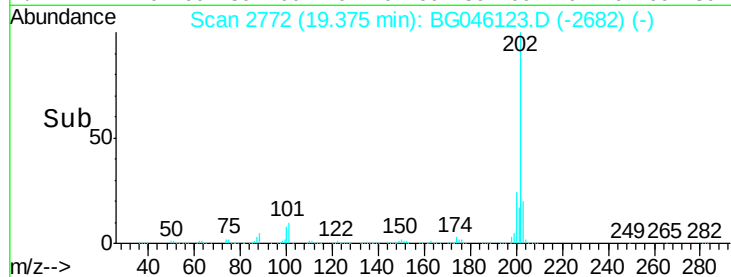
203 19.9 0.2 40.2



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: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

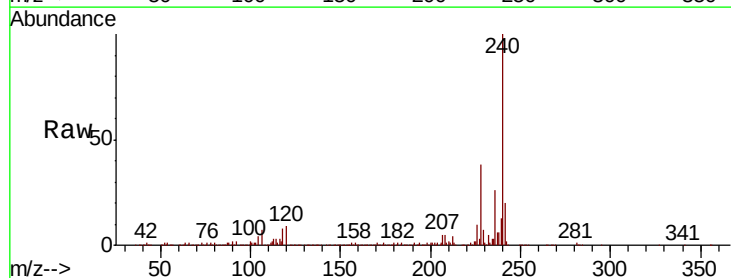
Tgt Ion:240 Resp: 603267

Ion Ratio Lower Upper

240 100

120 8.7 7.1 10.7

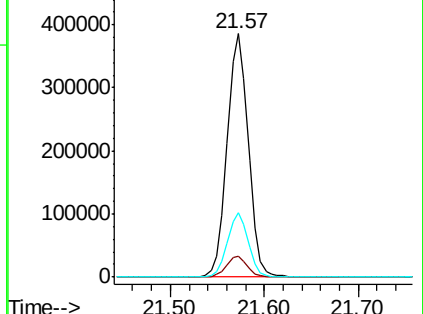
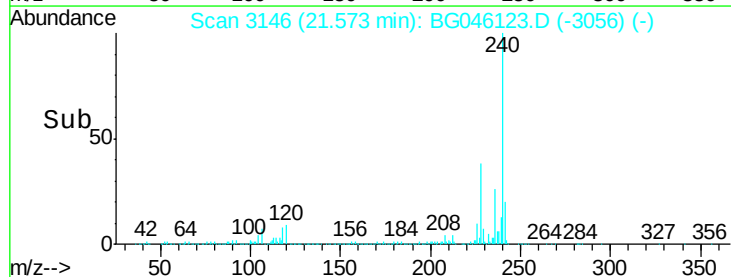
236 26.5 21.7 32.5

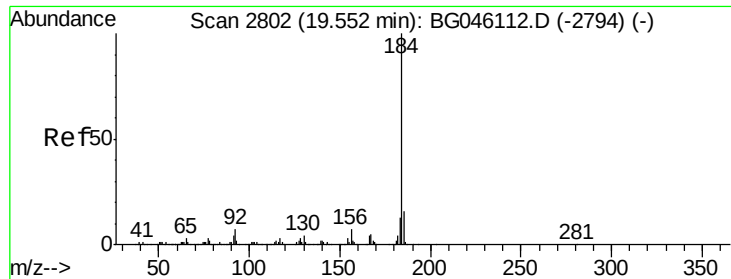


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.972 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

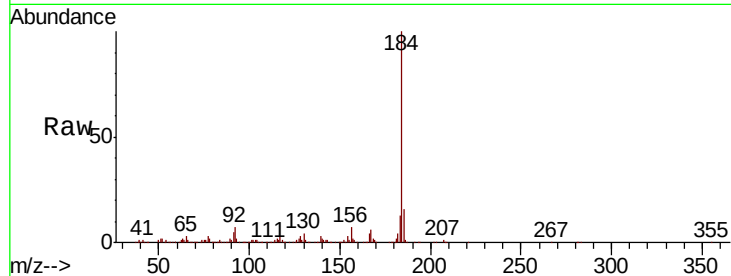
Tot Ion:184 Resp: 717215

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.4

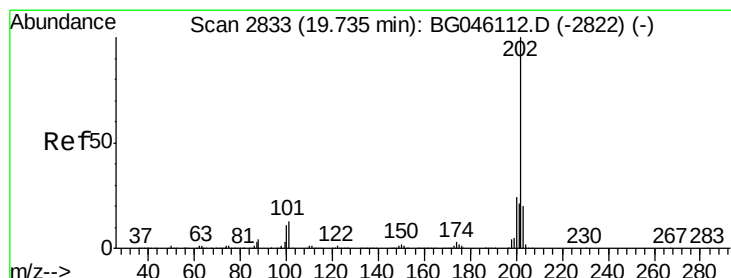
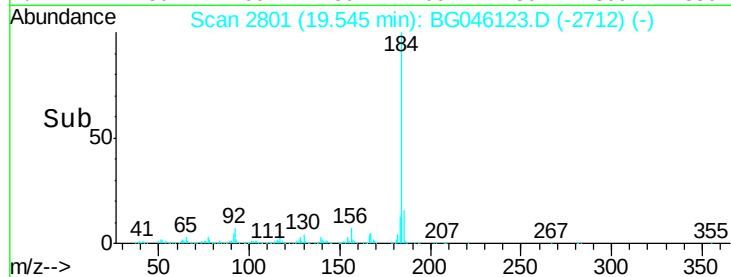
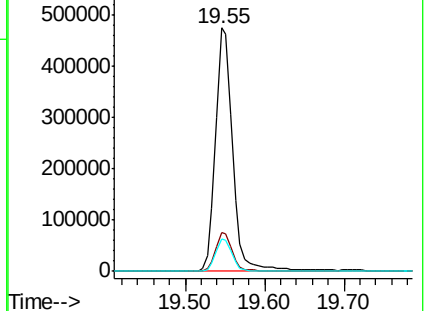
183 13.3 10.5 15.7



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: 36.741 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

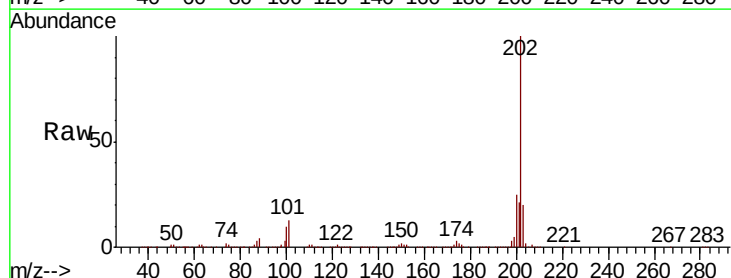
Tgt Ion:202 Resp: 1489235

Ion Ratio Lower Upper

202 100

200 25.0 19.5 29.3

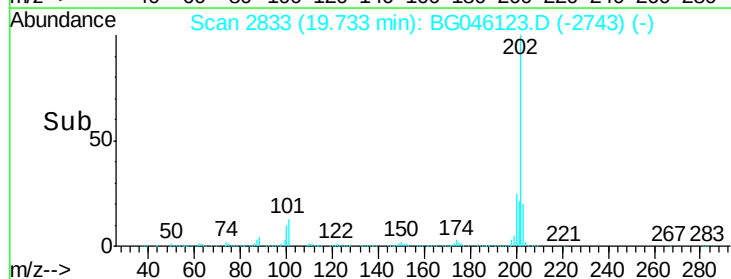
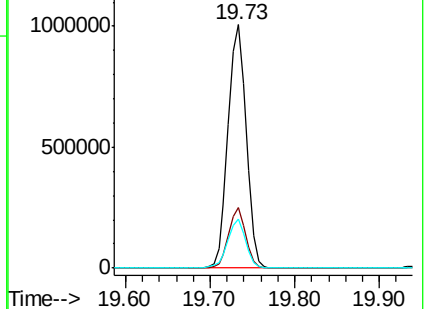
203 20.2 16.2 24.2

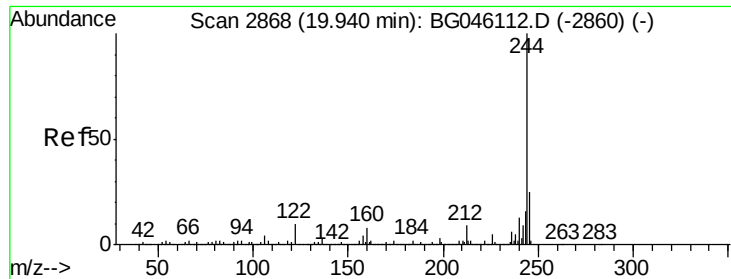


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.505 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

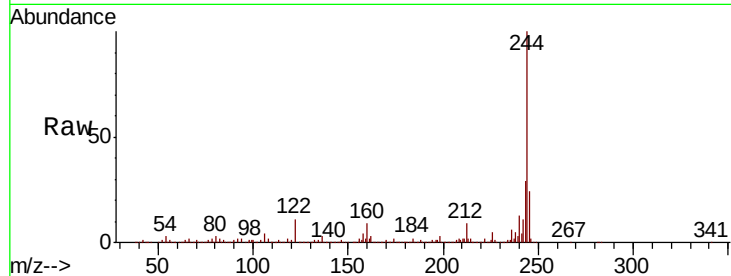
Tot Ion:244 Resp: 1851441

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

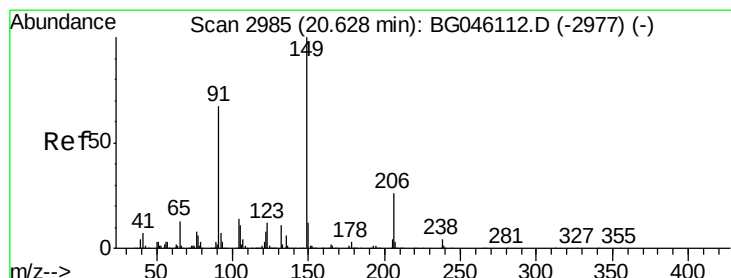
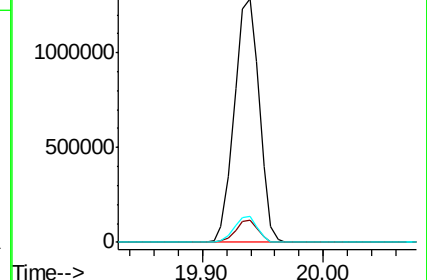
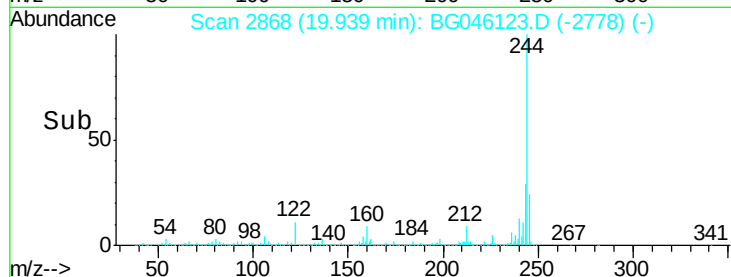
122 10.7 8.3 12.5



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: 40.754 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

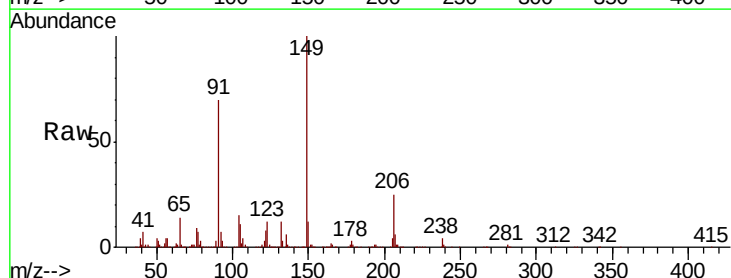
Tgt Ion:149 Resp: 598400

Ion Ratio Lower Upper

149 100

91 70.4 53.8 80.8

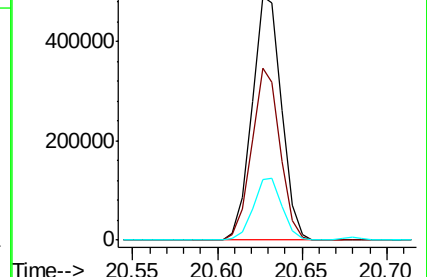
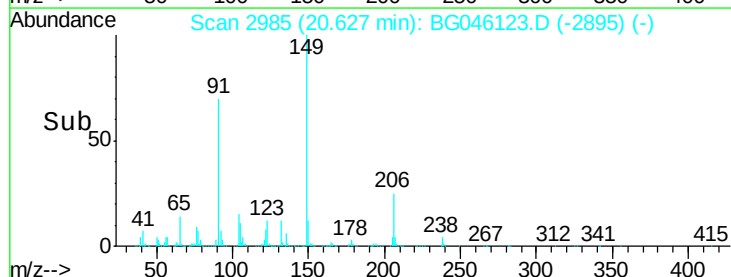
206 24.9 20.4 30.6

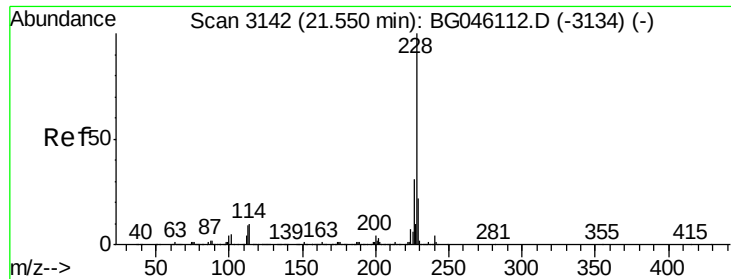


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.644 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

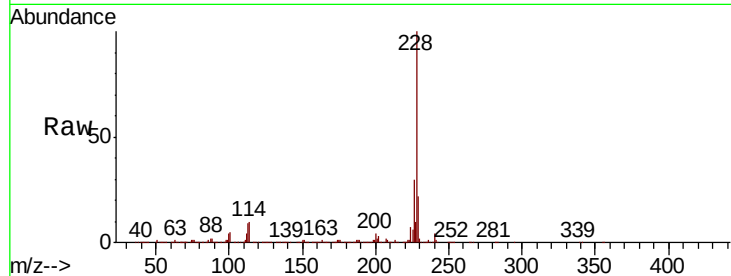
Tot Ion:228 Resp: 1479356

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

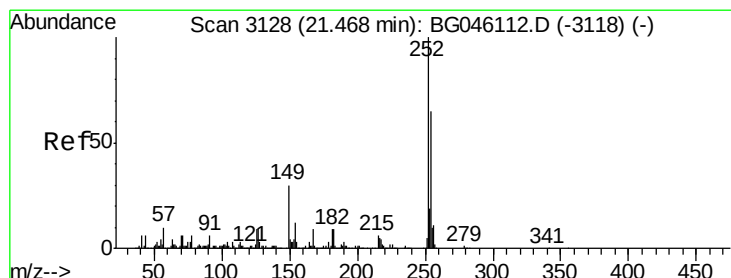
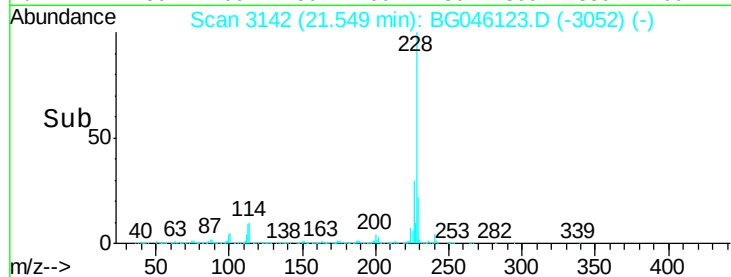
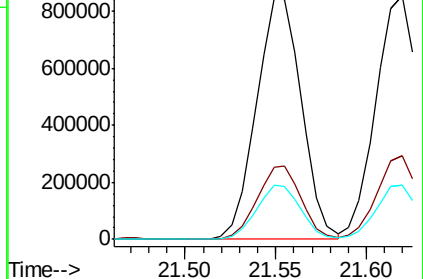
229 22.4 17.8 26.8



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: 22.380 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

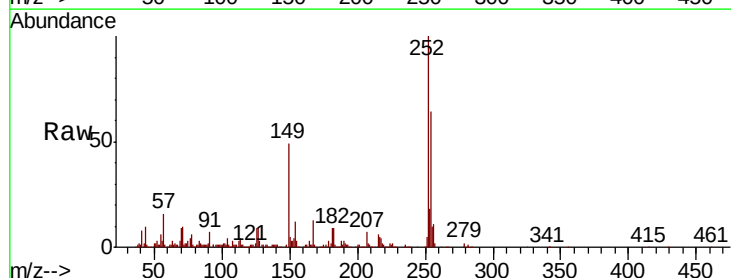
Tgt Ion:252 Resp: 375193

Ion Ratio Lower Upper

252 100

254 63.9 51.8 77.8

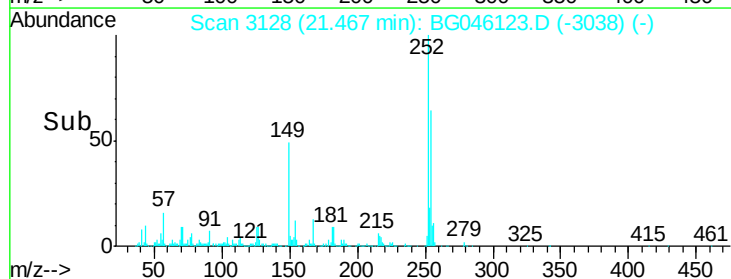
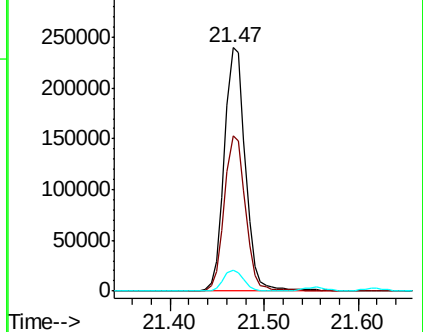
126 8.6 7.1 10.7

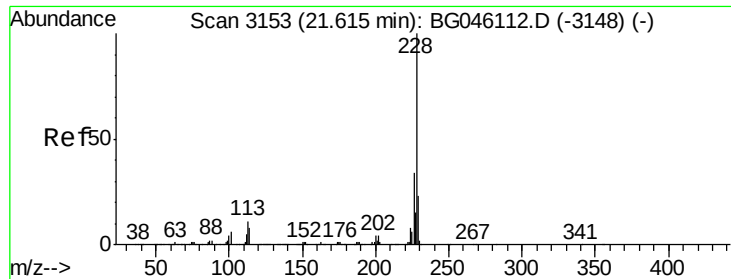


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.912 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

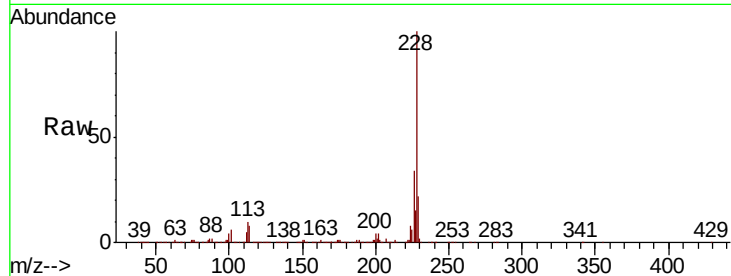
Tot Ion:228 Resp: 1420233

Ion Ratio Lower Upper

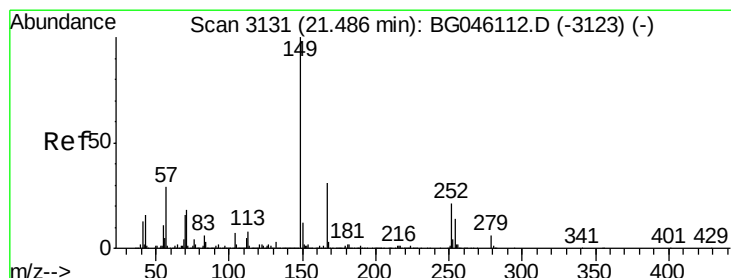
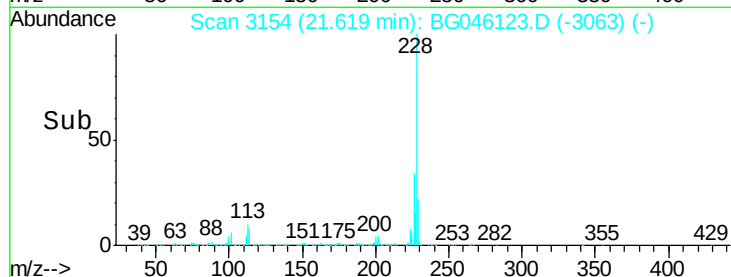
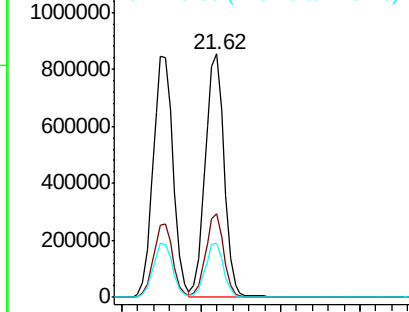
228 100

226 34.3 26.9 40.3

229 22.4 18.2 27.4



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: 39.624 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

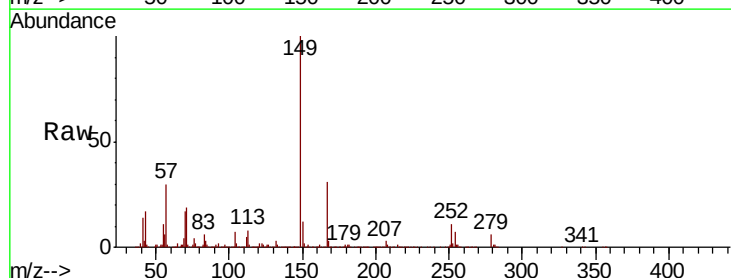
Tgt Ion:149 Resp: 831792

Ion Ratio Lower Upper

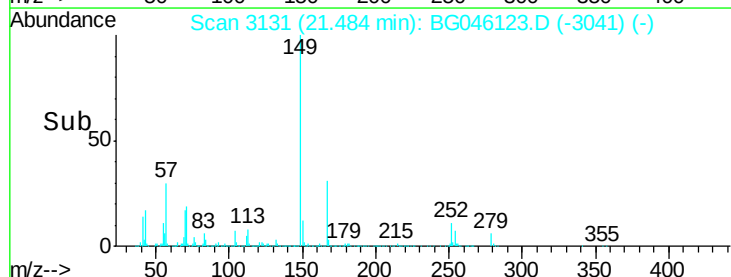
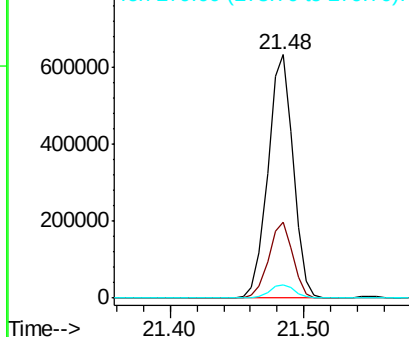
149 100

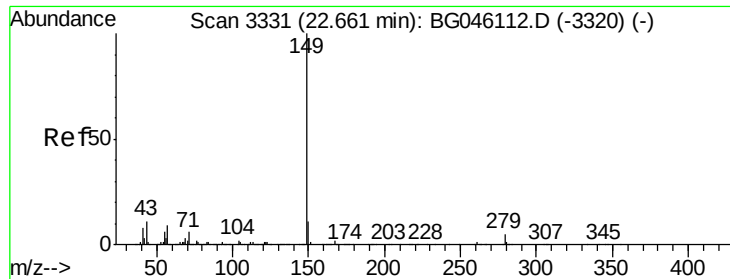
167 31.0 24.8 37.2

279 5.6 4.6 6.8



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

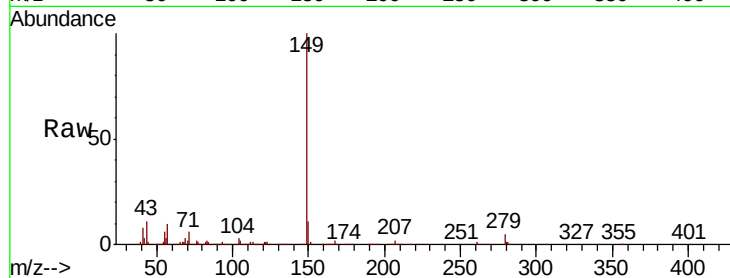




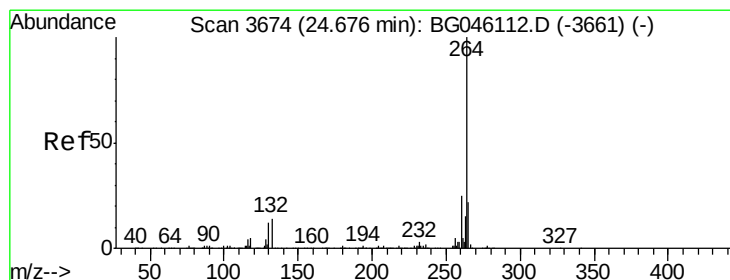
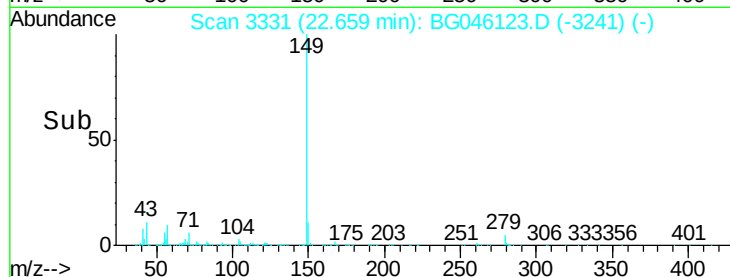
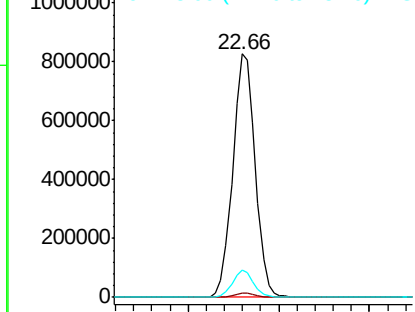
#85
Di-n-octyl phthalate
Concen: 40.093 ng
RT: 22.66 min Scan# 3331
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion:149 Resp: 1425039
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 10.6 7.8 11.8

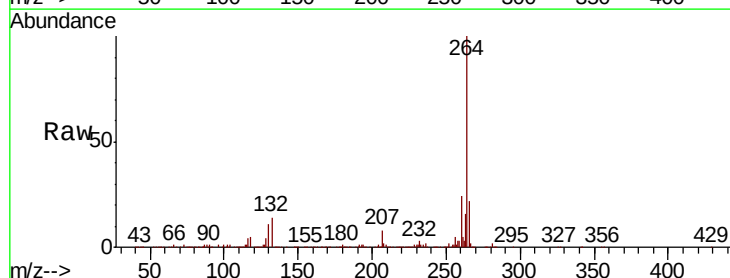


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

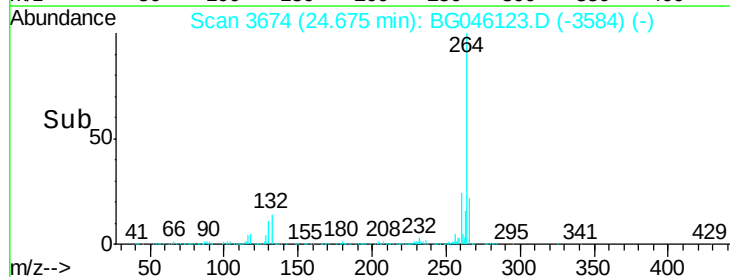
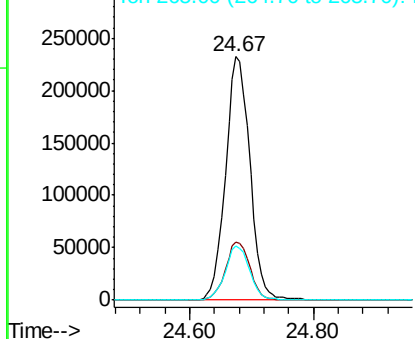


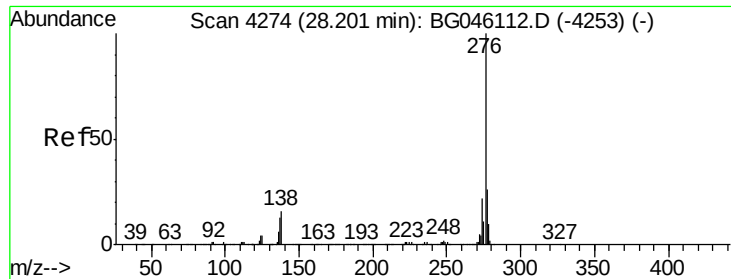
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion:264 Resp: 637129
Ion Ratio Lower Upper
264 100
260 23.6 19.7 29.5
265 22.1 17.6 26.4



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



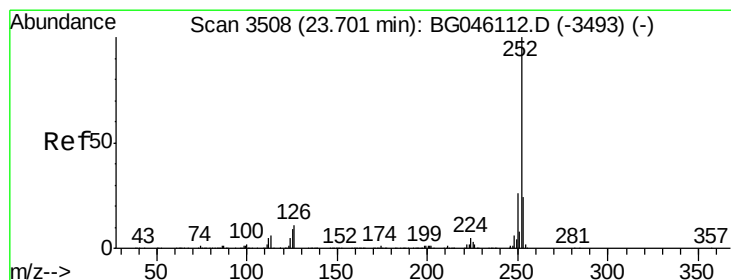
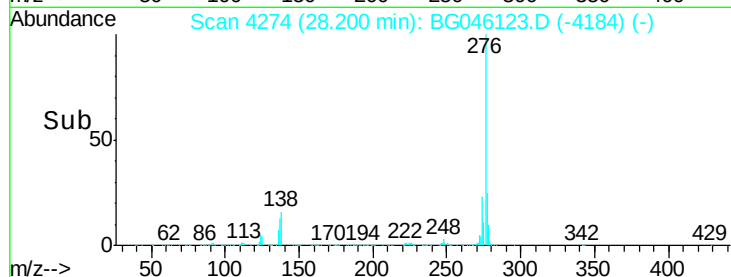
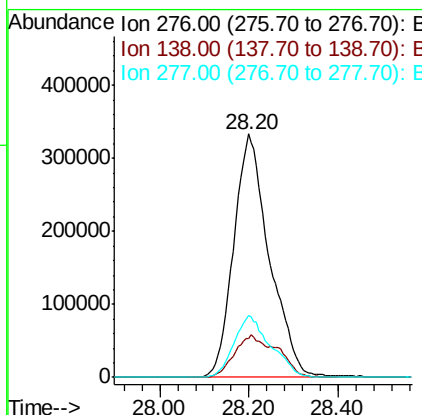
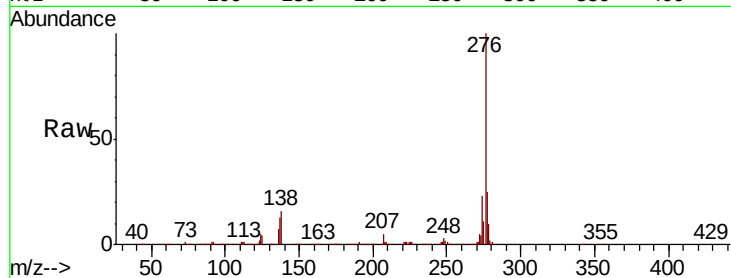


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.050 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Tot Ion:276 Resp: 1848879

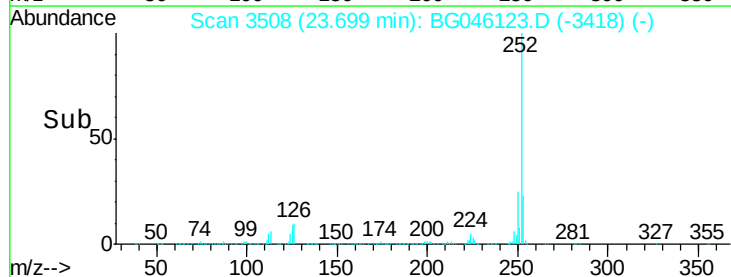
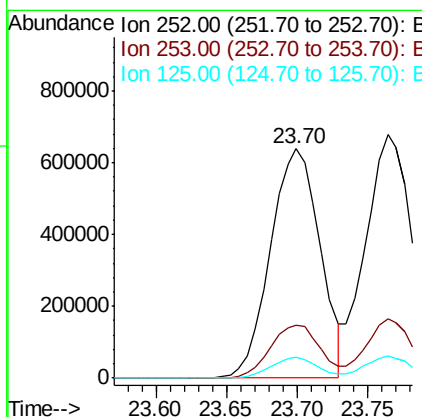
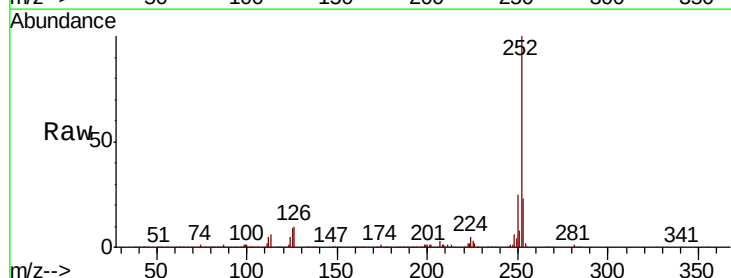
Ion	Ratio	Lower	Upper
276	100		
138	20.9	11.6	17.4#
277	26.2	20.8	31.2

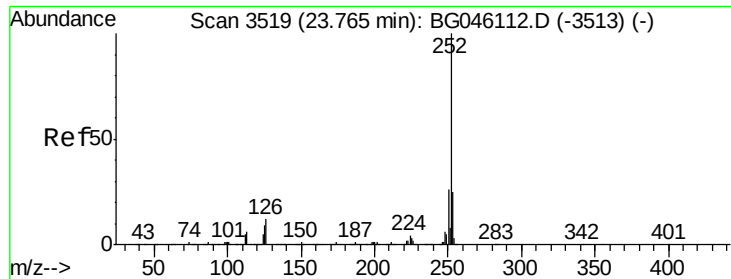


#88
 Benzo(b)fluoranthene
 Concen: 36.504 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion:252 Resp: 1558552

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	8.9	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 37.325 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

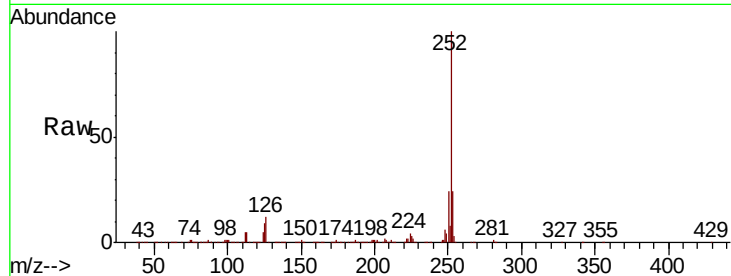
Tot Ion:252 Resp: 1563066

Ion Ratio Lower Upper

252 100

253 24.1 19.5 29.3

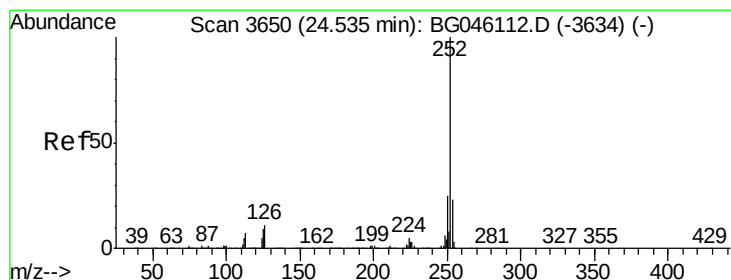
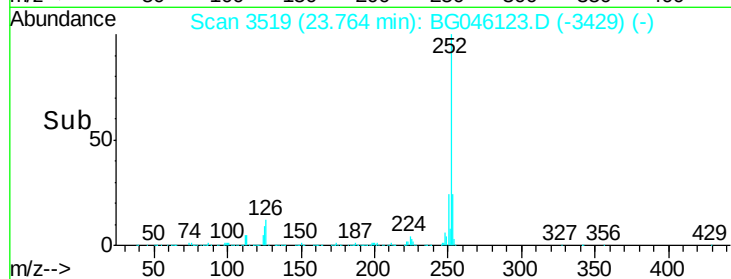
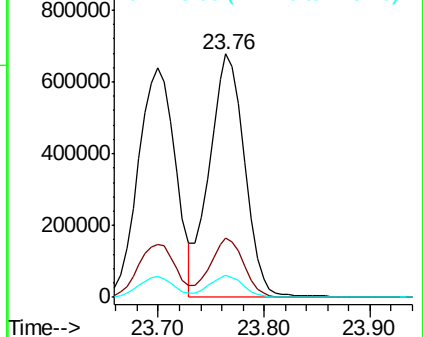
125 9.1 7.3 10.9



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: 37.004 ng

RT: 24.53 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

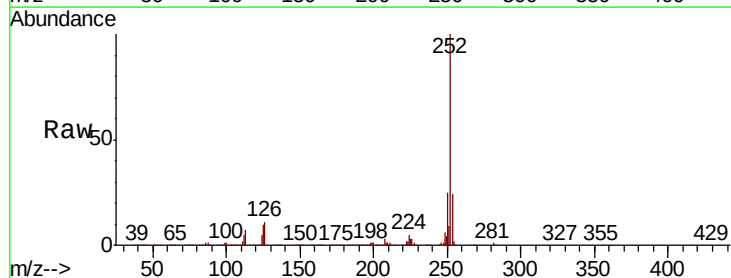
Tgt Ion:252 Resp: 1470124

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

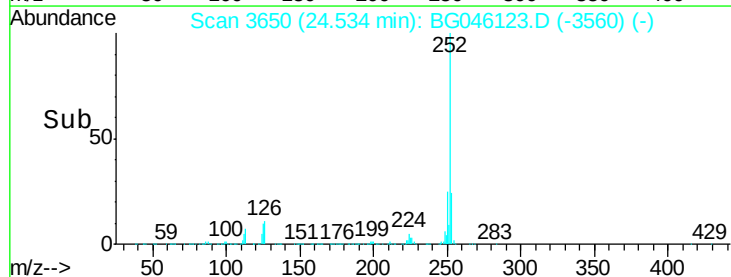
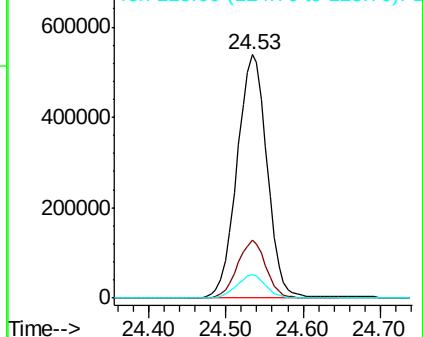
125 9.7 7.1 10.7

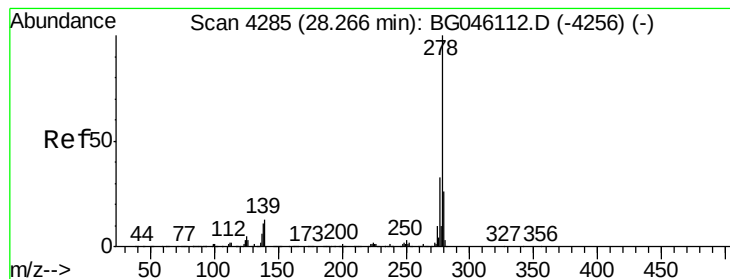


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.635 ng

RT: 28.26 min Scan# 4285

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

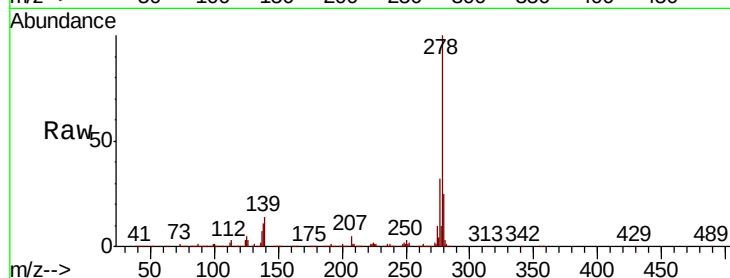
BNA_G

ClientSampleId :

PB130584BS

Tot Ion:278 Resp: 1528770

Ion	Ratio	Lower	Upper
278	100		
139	13.6	10.8	16.2
279	24.9	20.5	30.7

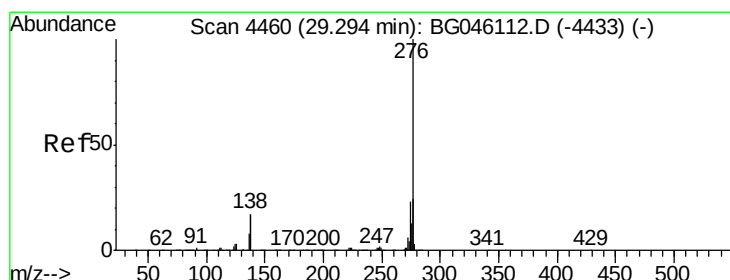
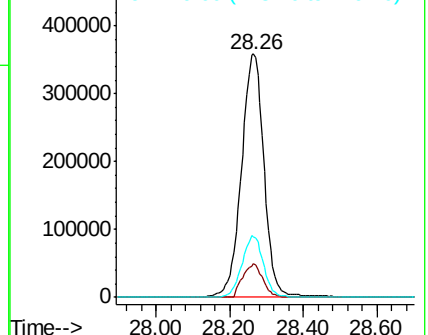
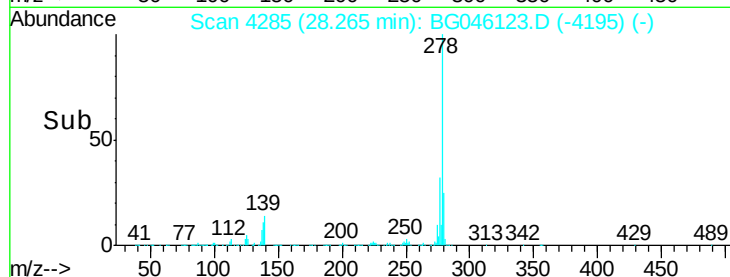


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.949 ng

RT: 29.30 min Scan# 4461

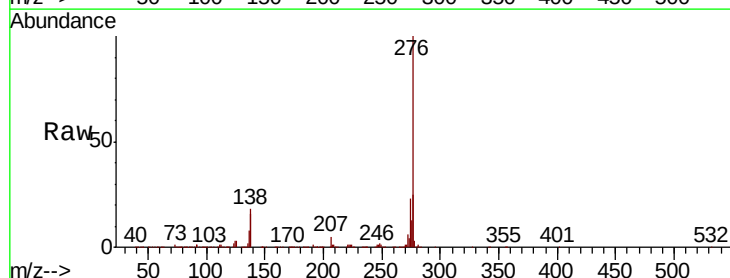
Delta R.T. 0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion:276 Resp: 1556783

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.5	29.3
138	17.8	13.8	20.6



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

