

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046191.D
 Acq On : 7 Aug 2020 13:30
 Operator : CG/JU
 Sample : PB130804BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Quant Time: Aug 07 17:22:17 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	113459	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	441506	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	299776	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	710468	20.00	ng	0.00
76) Chrysene-d12	21.57	240	716826	20.00	ng	0.00
86) Perylene-d12	24.67	264	787230	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	756122	115.85	ng	0.00
7) Phenol-d6	7.12	99	973296	109.42	ng	0.00
23) Nitrobenzene-d5	9.10	82	629513	77.20	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	567097	123.16	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1574671	76.30	ng	0.00
79) Terphenyl-d14	19.93	244	2385381	67.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	83079	27.966	ng	93
3) Pyridine	3.83	79	200543	24.522	ng	92
4) n-Nitrosodimethylamine	3.75	42	117261	33.690	ng	99
6) Aniline	7.28	93	405484	38.295	ng	99
8) 2-Chlorophenol	7.52	128	310562	43.051	ng	97
9) Benzaldehyde	7.08	77	196980	37.319	ng	98
10) Phenol	7.15	94	374108	41.859	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	280417	39.446	ng	99
12) 1,3-Dichlorobenzene	7.84	146	336860	38.525	ng	98
13) 1,4-Dichlorobenzene	7.99	146	339587	38.676	ng	99
14) 1,2-Dichlorobenzene	8.31	146	331373	40.017	ng	100
15) Benzyl Alcohol	8.19	79	262478	42.713	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	429562	36.857	ng	97
17) 2-Methylphenol	8.39	107	268650	44.525	ng	98
18) Hexachloroethane	9.04	117	115519	39.339	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	228881	39.537	ng	98
20) 3+4-Methylphenols	8.72	107	367765	44.532	ng	99
22) Acetophenone	8.77	105	438781	38.725	ng	# 96
24) Nitrobenzene	9.15	77	319441	36.742	ng	98
25) Isophorone	9.67	82	632176	38.961	ng	98
26) 2-Nitrophenol	9.86	139	179113	45.457	ng	97
27) 2,4-Dimethylphenol	9.93	122	295704	46.127	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	383331	43.448	ng	98
29) 2,4-Dichlorophenol	10.40	162	334963	44.419	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	350500	39.676	ng	98
31) Naphthalene	10.80	128	898997	38.483	ng	99
32) Benzoic acid	10.07	122	202919	44.025	ng	95
33) 4-Chloroaniline	10.90	127	282255	29.567	ng	99
34) Hexachlorobutadiene	11.10	225	226598	38.532	ng	99
35) Caprolactam	11.67	113	56429	22.862	ng	97
36) 4-Chloro-3-methylphenol	12.03	107	326360	44.100	ng	94
37) 2-Methylnaphthalene	12.41	142	723017	40.223	ng	98
38) 1-Methylnaphthalene	12.62	142	681811	40.083	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	415675	38.485	ng	99

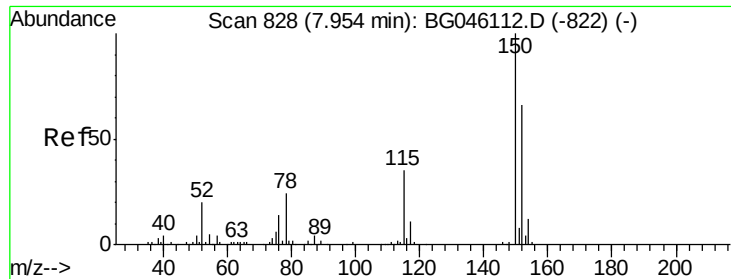
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
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 QLast Update : Thu Jul 30 18:43:49 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	602896	97.314	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	298735	43.351	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	321290	42.732	ng	95
46) 1,1'-Biphenyl	13.41	154	928497	39.483	ng	99
47) 2-Chloronaphthalene	13.45	162	719329	38.347	ng	98
48) 2-Nitroaniline	13.65	65	206160	41.929	ng	92
49) Acenaphthylene	14.30	152	1166442	40.045	ng	98
50) Dimethylphthalate	14.03	163	941749	40.931	ng	99
51) 2,6-Dinitrotoluene	14.15	165	222429	41.539	ng	90
52) Acenaphthene	14.65	154	722223	37.569	ng	100
53) 3-Nitroaniline	14.47	138	172366	32.469	ng	96
54) 2,4-Dinitrophenol	14.68	184	290836	85.222	ng	96
55) Dibenzofuran	14.98	168	1122112	38.683	ng	99
56) 4-Nitrophenol	14.79	139	392678	85.199	ng	98
57) 2,4-Dinitrotoluene	14.93	165	312856	42.494	ng	93
58) Fluorene	15.63	166	929708	39.576	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	316368	44.672	ng	97
60) Diethylphthalate	15.40	149	933911	41.262	ng	96
61) 4-Chlorophenyl-phenylether	15.62	204	508206	41.421	ng	96
62) 4-Nitroaniline	15.64	138	230452	43.163	ng	97
63) Azobenzene	15.91	77	791059	37.293	ng	95
65) 4,6-Dinitro-2-methylphenol	15.70	198	206621	43.974	ng	91
66) n-Nitrosodiphenylamine	15.83	169	855443	39.777	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	361524	41.189	ng	93
68) Hexachlorobenzene	16.64	284	408491	41.505	ng	95
69) Atrazine	16.78	200	320577	38.711	ng	99
70) Pentachlorophenol	16.98	266	555305	86.957	ng	99
71) Phenanthrene	17.37	178	1503072	38.621	ng	99
72) Anthracene	17.45	178	1548222	39.994	ng	98
73) Carbazole	17.72	167	1432812	38.385	ng	98
74) Di-n-butylphthalate	18.29	149	1603895	41.107	ng	99
75) Fluoranthene	19.37	202	1891009	38.920	ng	98
77) Benzidine	19.55	184	1184453	58.334	ng	98
78) Pyrene	19.73	202	1874071	38.910	ng	97
80) Butylbenzylphthalate	20.63	149	738085	42.304	ng	97
81) Benzo(a)anthracene	21.55	228	1840195	38.361	ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	570827	28.656	ng	98
83) Chrysene	21.61	228	1776960	37.814	ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	1026621	41.158	ng	97
85) Di-n-octyl phthalate	22.65	149	1775514	42.040	ng	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2454251	40.878	ng	# 95
88) Benzo(b)fluoranthene	23.69	252	2051692	38.892	ng	98
89) Benzo(k)fluoranthene	23.76	252	1961048	37.900	ng	99
90) Benzo(a)pyrene	24.53	252	1899829	38.702	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	2007371	39.995	ng	98
92) Benzo(g,h,i)perylene	29.30	276	2042110	40.288	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

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PB130804BS

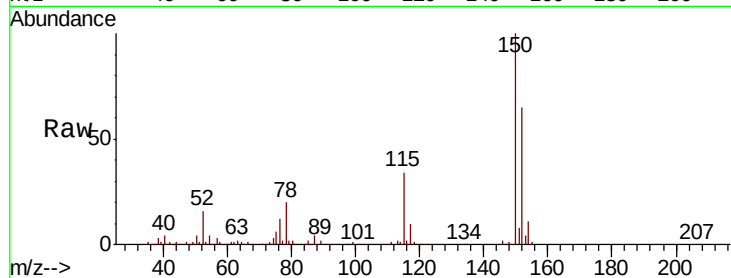
Tot Ion:152 Resp: 113459

Ion Ratio Lower Upper

152 100

150 152.9 122.1 183.1

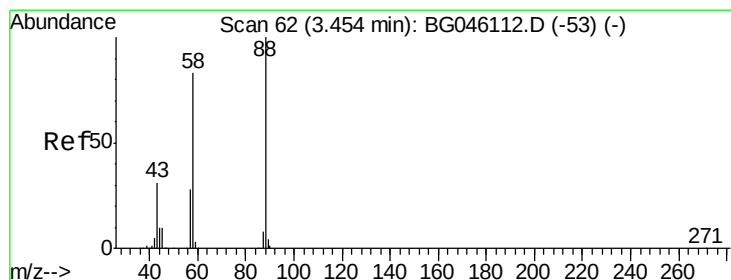
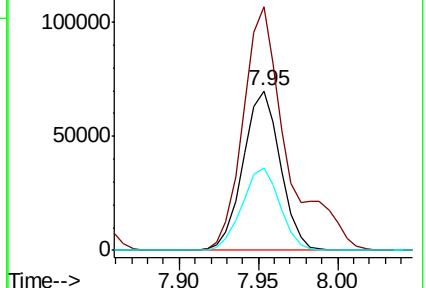
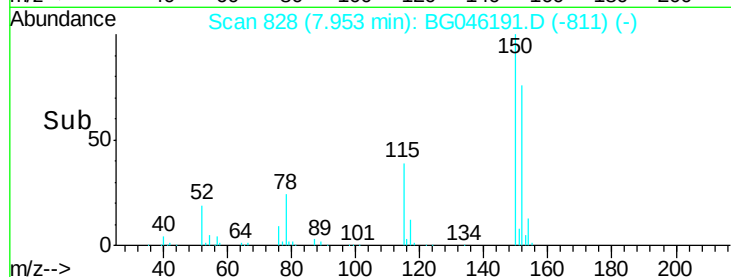
115 51.3 43.2 64.8



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: 27.966 ng

RT: 3.45 min Scan# 61

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

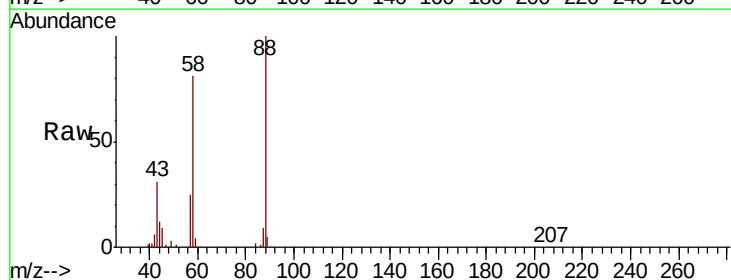
Tgt Ion: 88 Resp: 83079

Ion Ratio Lower Upper

88 100

58 76.0 66.5 99.7

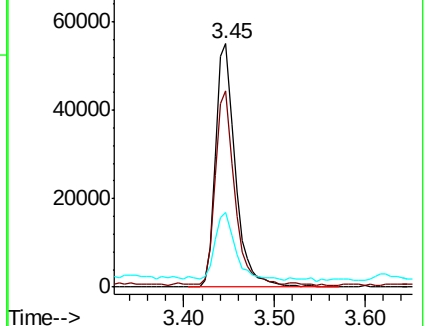
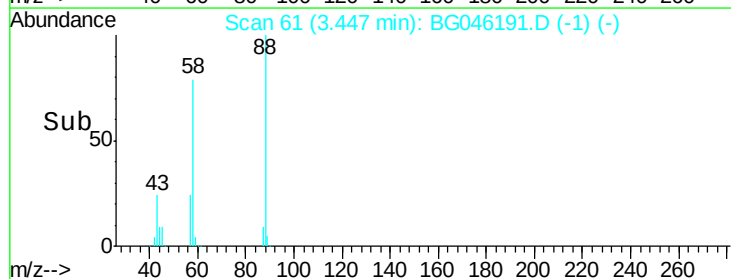
43 27.8 23.8 35.8

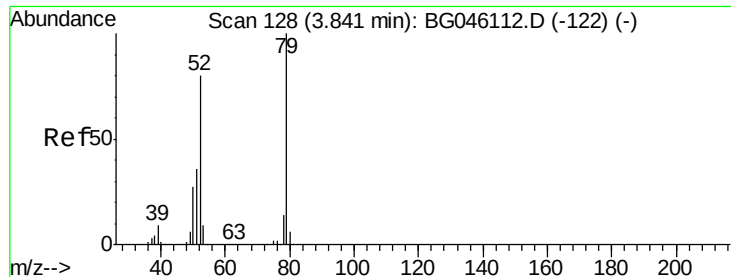


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.522 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

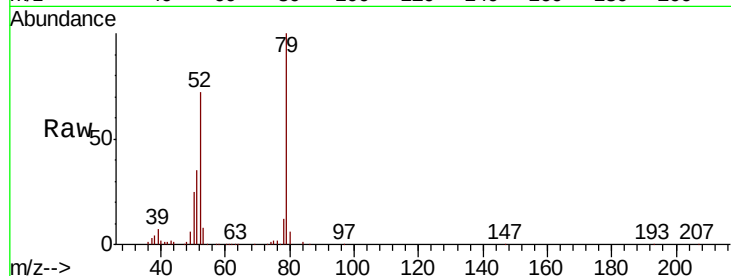
Tot Ion: 79 Resp: 200543

Ion Ratio Lower Upper

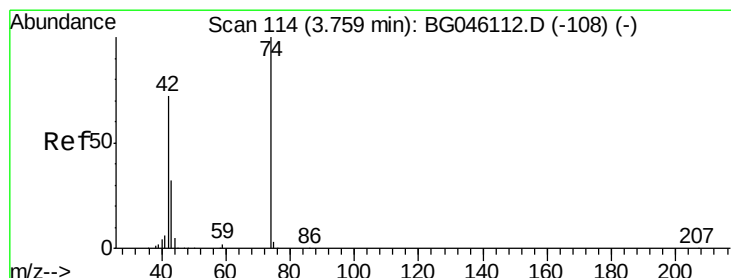
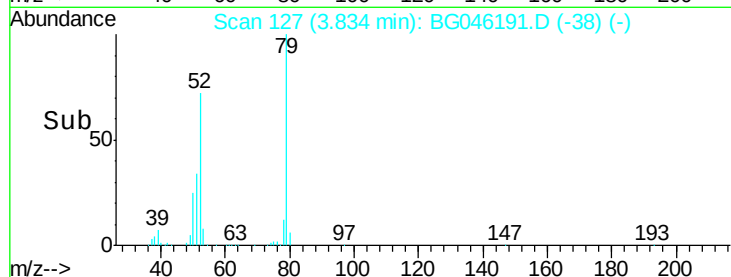
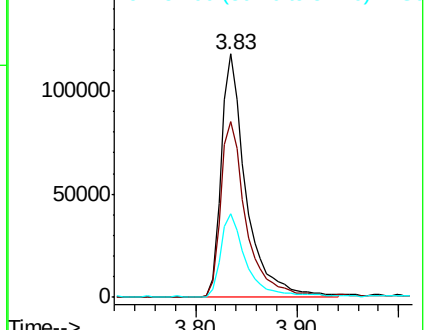
79 100

52 72.3 64.3 96.5

51 34.5 29.8 44.6



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



#4

n-Nitrosodimethylamine

Concen: 33.690 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

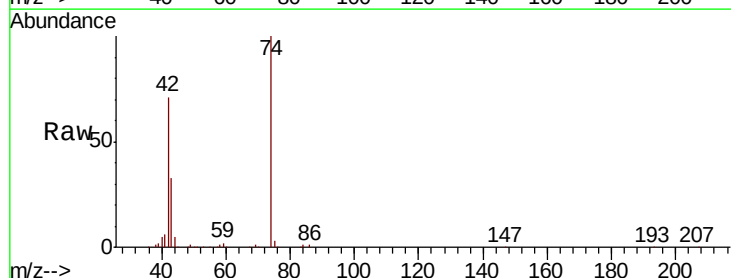
Tgt Ion: 42 Resp: 117261

Ion Ratio Lower Upper

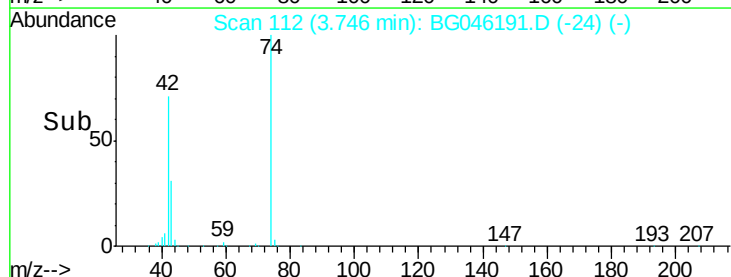
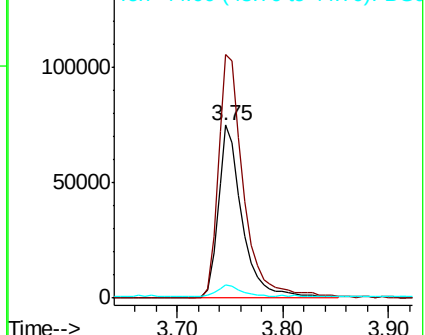
42 100

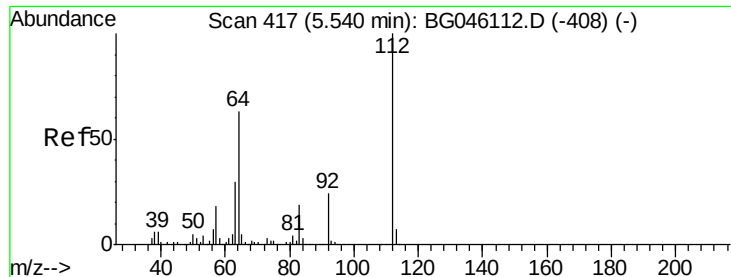
74 140.7 111.6 167.4

44 7.7 5.7 8.5



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





#5

2-Fluorophenol

Concen: 115.850 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

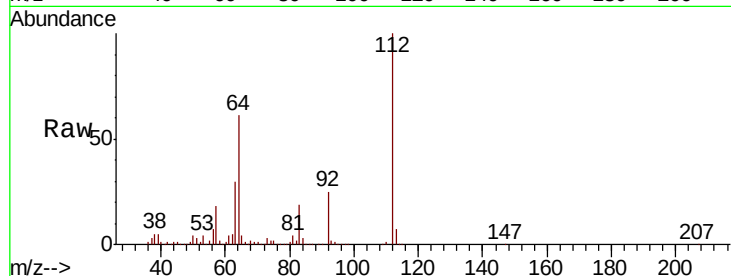
Tot Ion:112 Resp: 756122

Ion Ratio Lower Upper

112 100

64 61.2 50.2 75.2

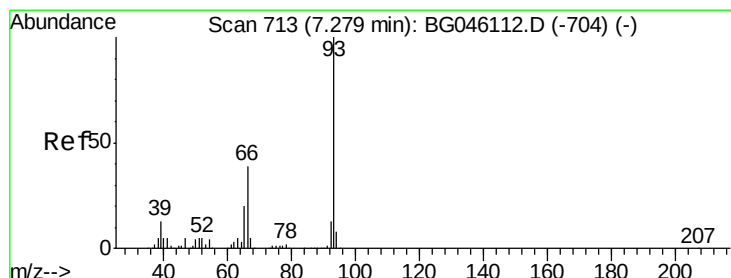
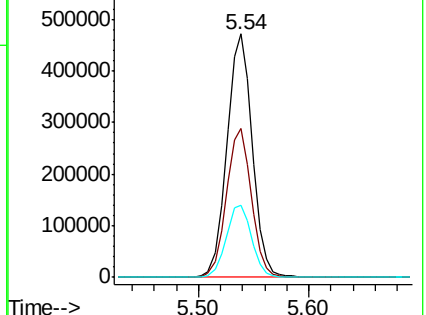
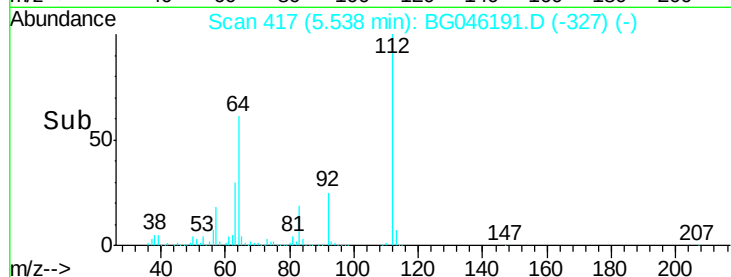
63 29.9 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.295 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

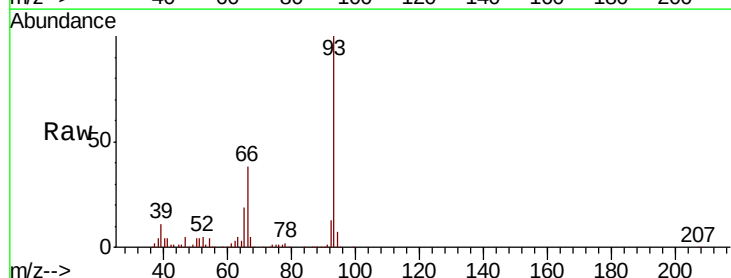
Tgt Ion: 93 Resp: 405484

Ion Ratio Lower Upper

93 100

66 38.4 31.0 46.4

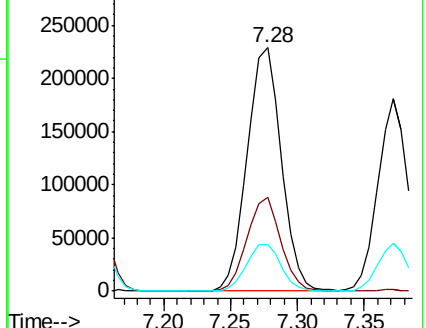
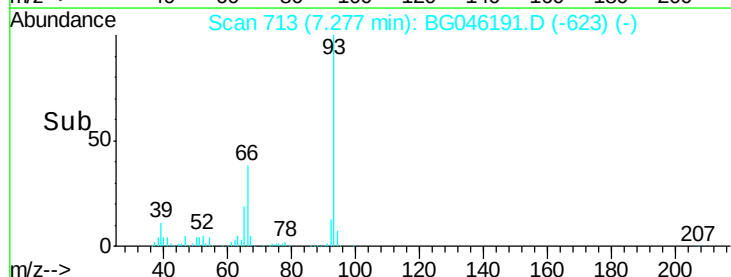
65 19.0 15.9 23.9

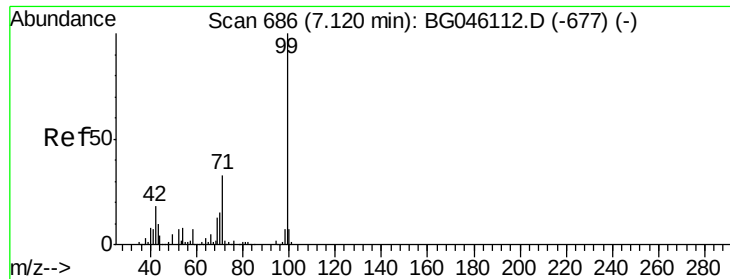


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.420 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046191.D

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ClientSampleId :

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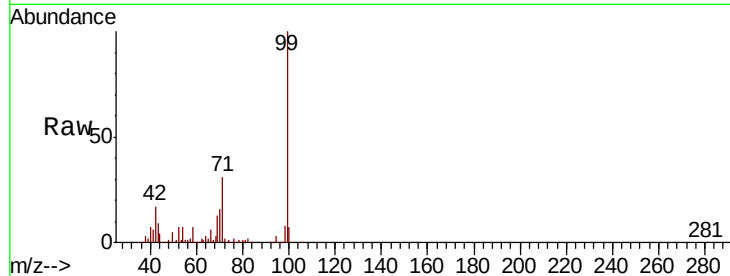
Tot Ion: 99 Resp: 973296

Ion Ratio Lower Upper

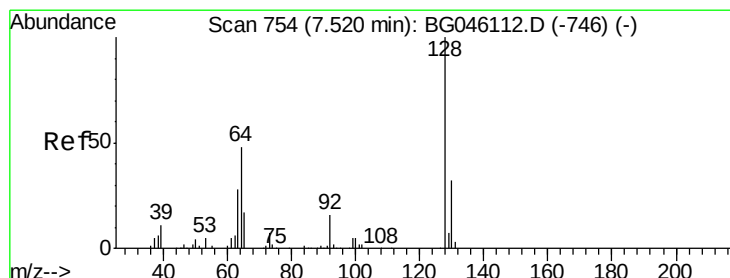
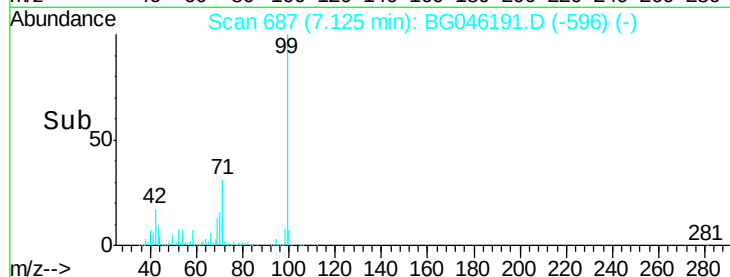
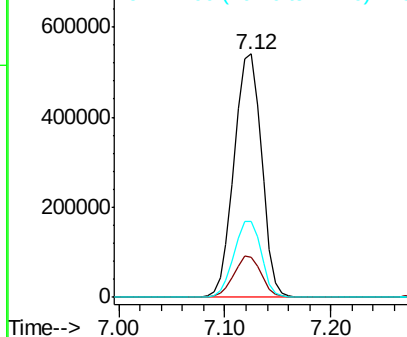
99 100

42 16.6 14.7 22.1

71 31.4 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: 43.051 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

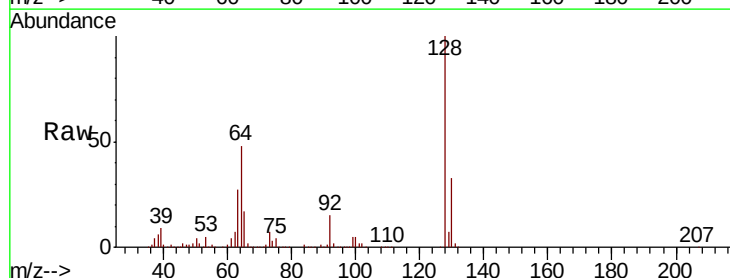
Tgt Ion: 128 Resp: 310562

Ion Ratio Lower Upper

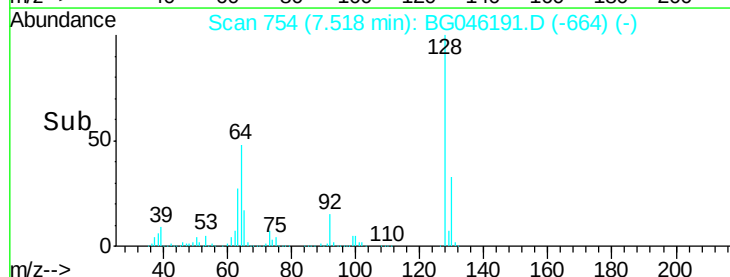
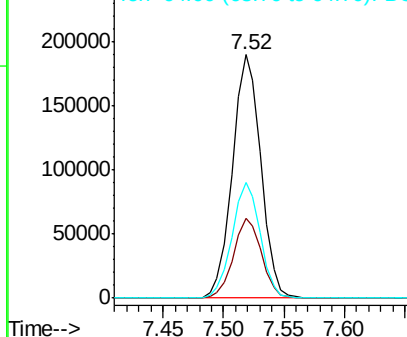
128 100

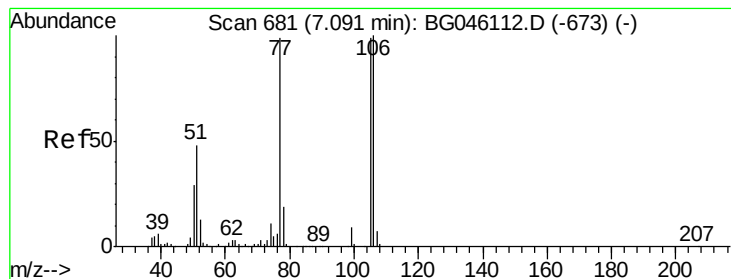
130 32.6 11.6 51.6

64 47.6 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: 37.319 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

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PB130804BS

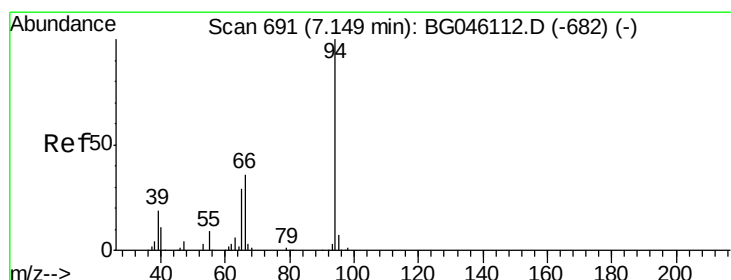
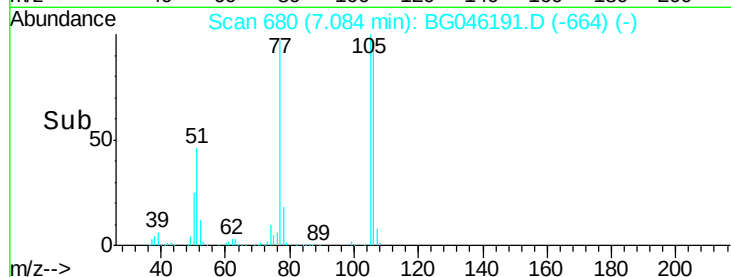
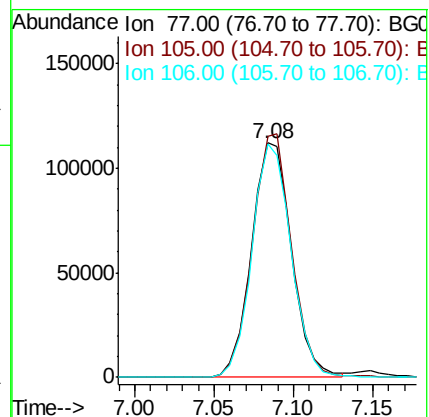
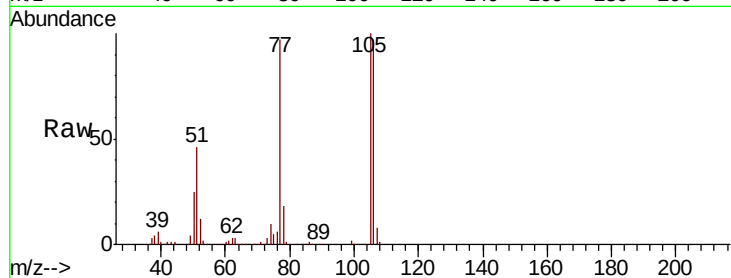
Tot Ion: 77 Resp: 196980

Ion Ratio Lower Upper

77 100

105 102.9 80.3 120.3

106 99.6 81.5 121.5



#10

Phenol

Concen: 41.859 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

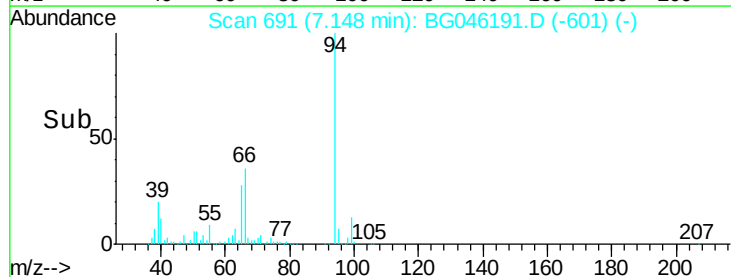
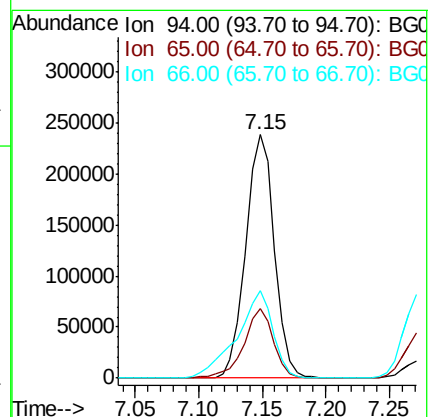
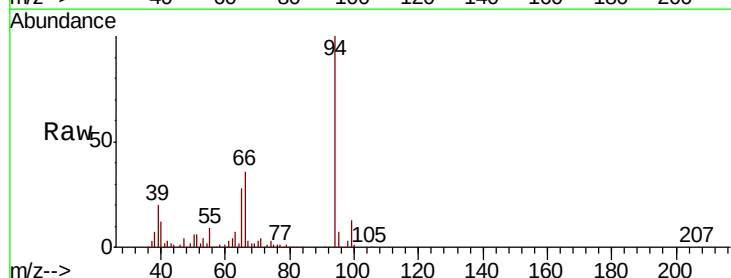
Tgt Ion: 94 Resp: 374108

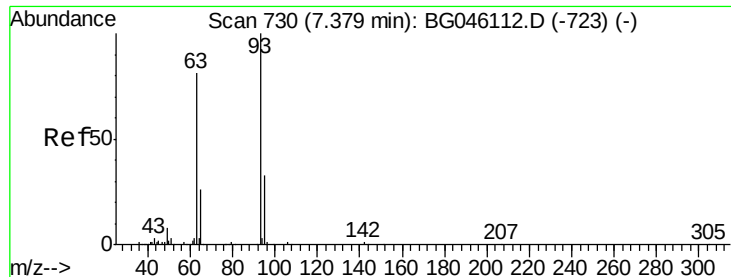
Ion Ratio Lower Upper

94 100

65 28.3 9.6 49.6

66 35.8 16.3 56.3

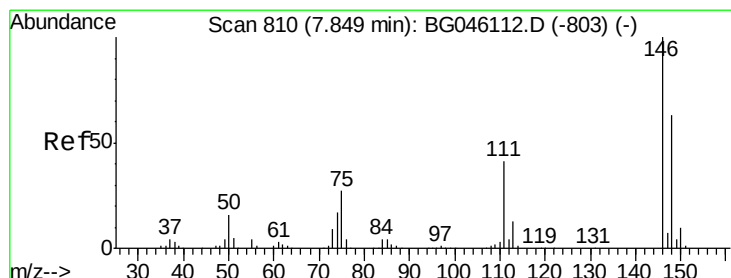
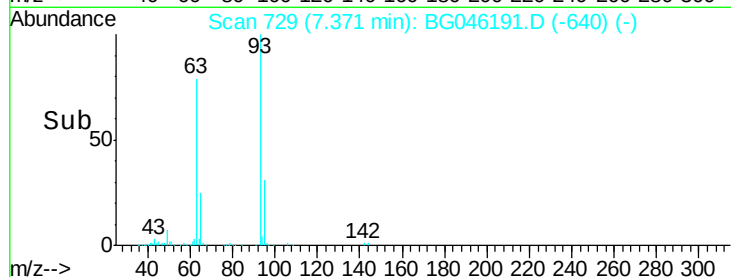
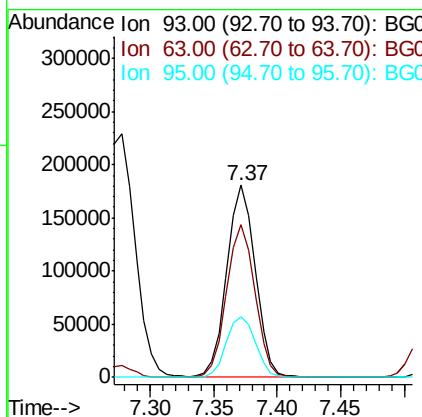
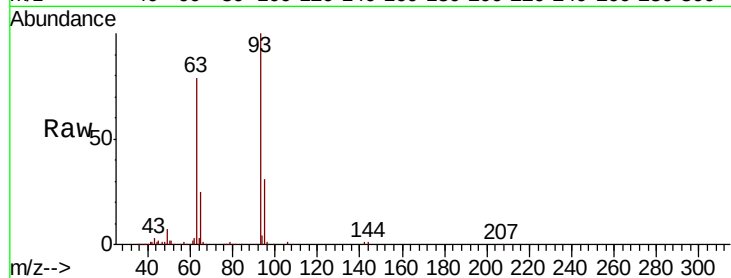




#11
bis(2-Chloroethyl)ether
Concen: 39.446 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

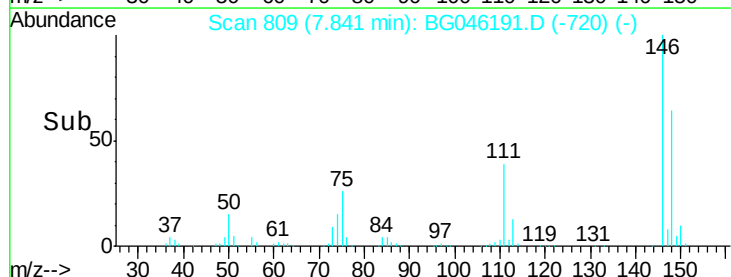
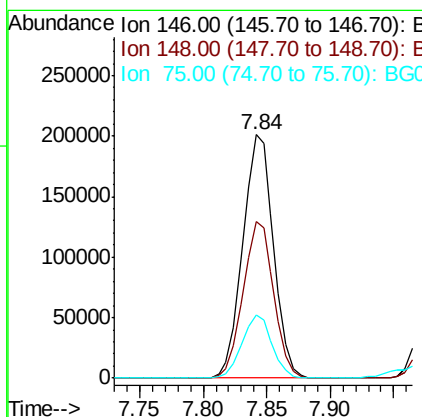
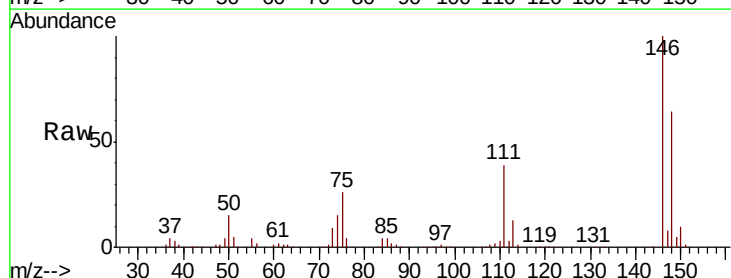
Instrument :
BNA_G
ClientSampleId :
PB130804BS

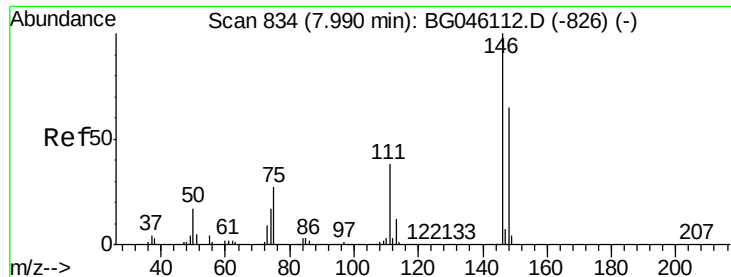
Tot Ion:	93	Resp:	280417
Ion	Ratio	Lower	Upper
93	100		
63	79.2	60.0	100.0
95	31.4	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 38.525 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:	146	Resp:	336860
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
75	26.1	21.6	32.4

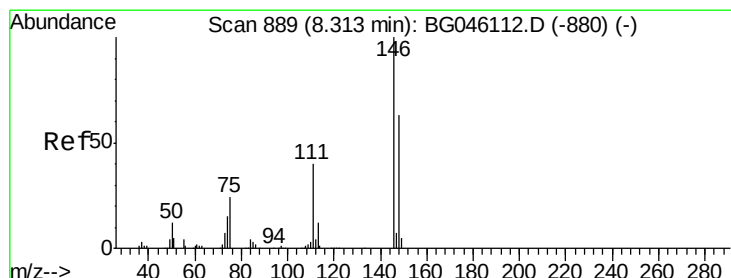
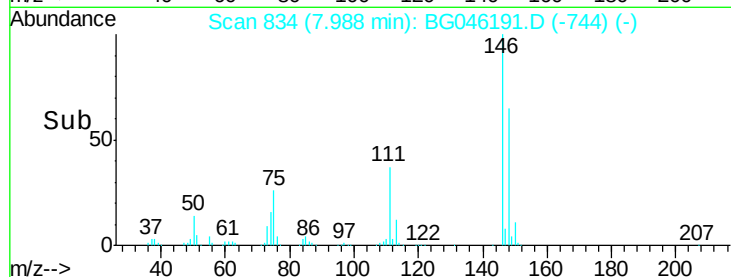
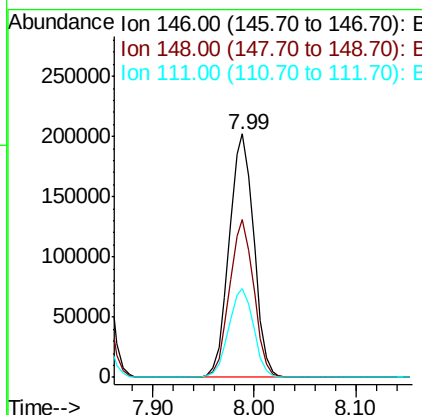
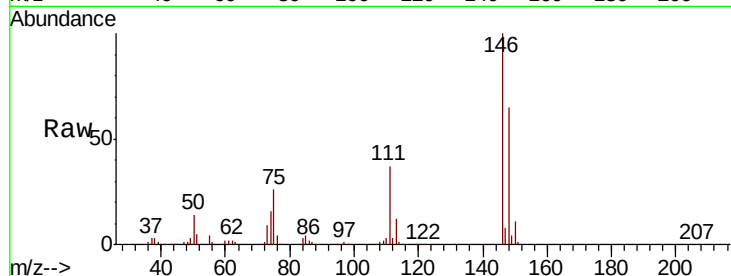




#13
 1,4-Dichlorobenzene
 Concen: 38.676 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

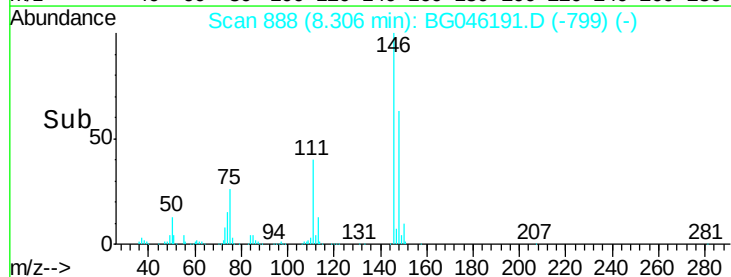
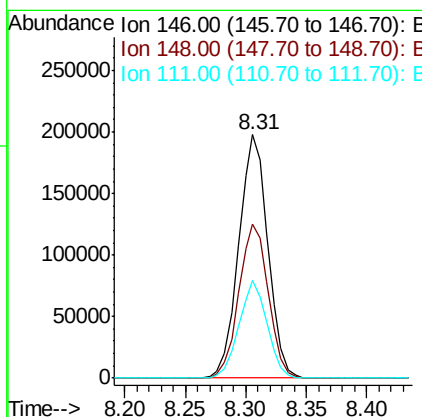
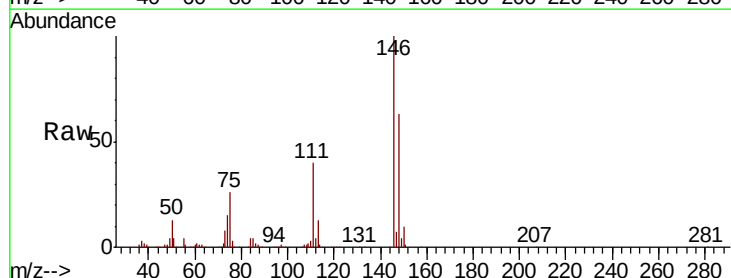
Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

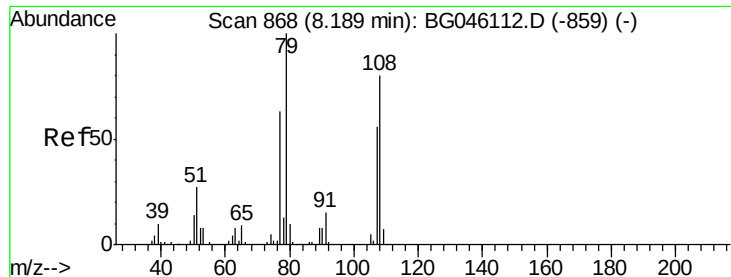
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	36.5	30.7	46.1



#14
 1,2-Dichlorobenzene
 Concen: 40.017 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	40.2	32.4	48.6

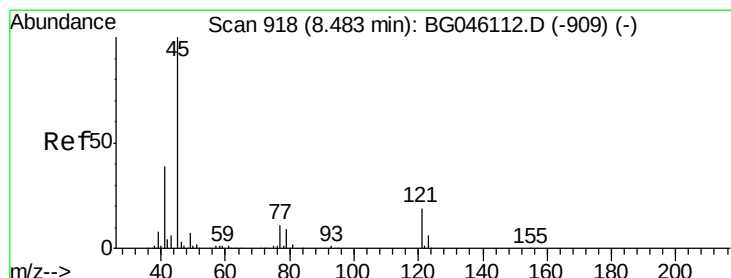
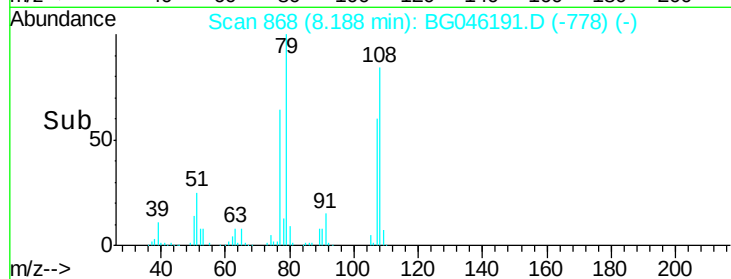
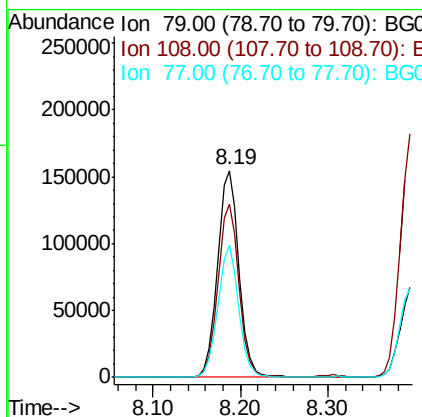
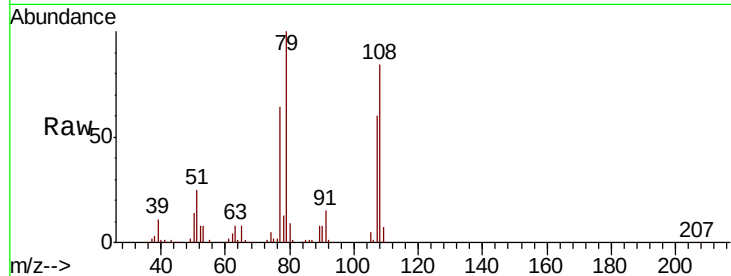




#15
Benzyl Alcohol
Concen: 42.713 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

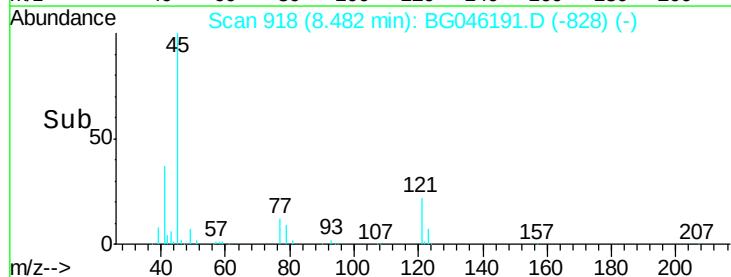
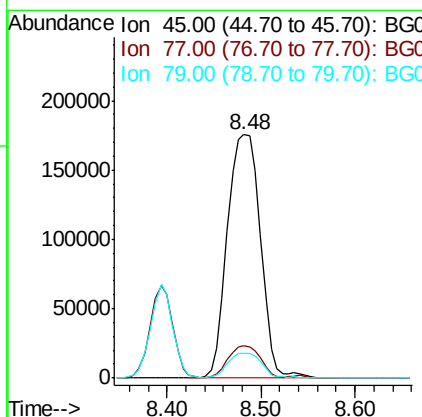
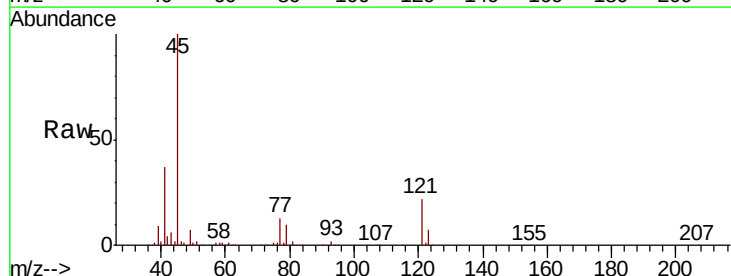
Instrument :
BNA_G
ClientSampleId :
PB130804BS

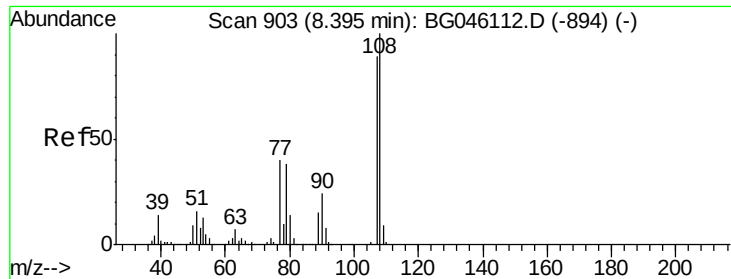
Tot Ion: 79 Resp: 262478
Ion Ratio Lower Upper
79 100
108 83.9 64.1 96.1
77 63.7 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.857 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion: 45 Resp: 429562
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.9
79 10.3 0.0 29.5

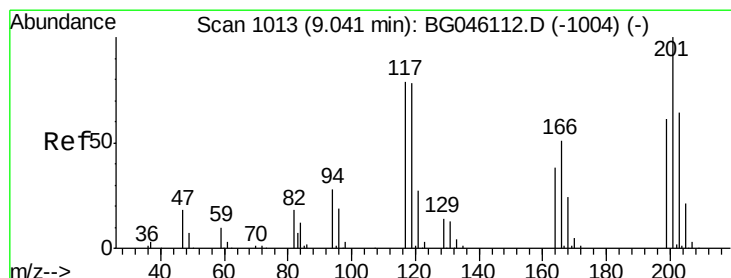
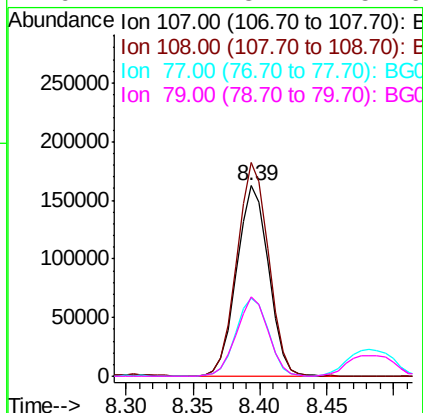
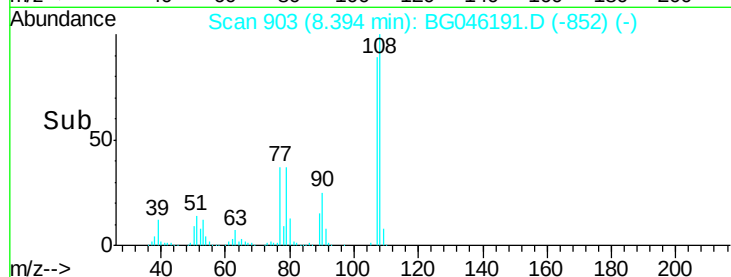
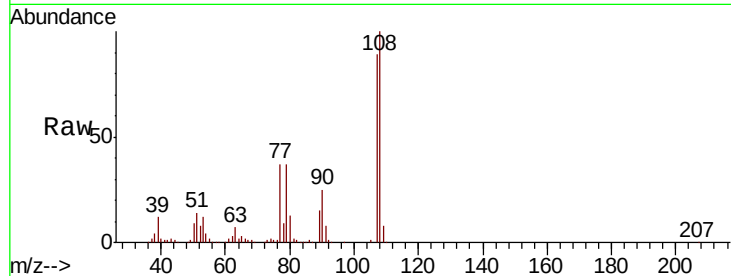




#17
2-Methylphenol
Concen: 44.525 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

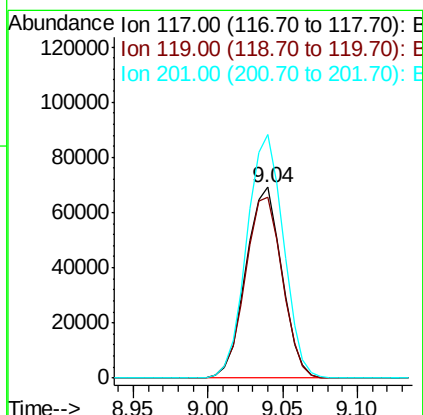
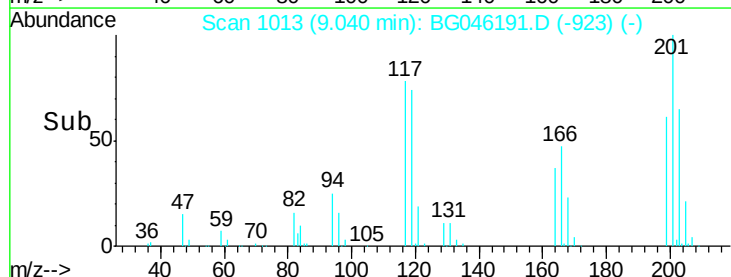
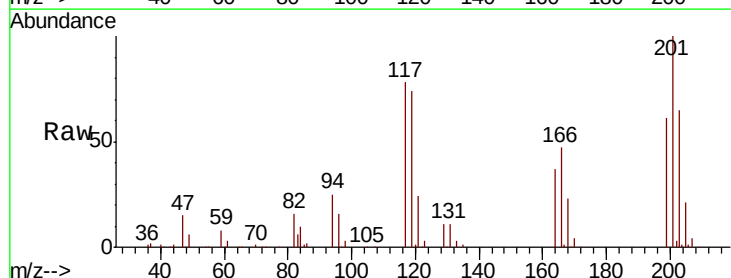
Instrument :
BNA_G
ClientSampleId :
PB130804BS

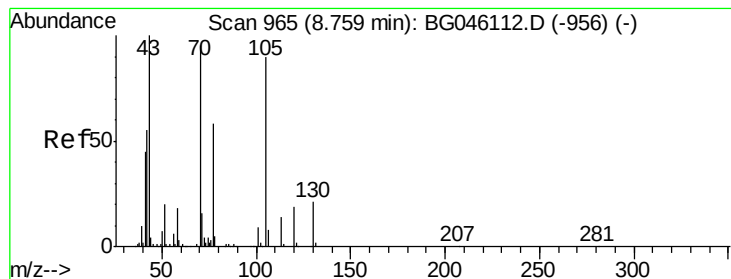
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.0	135.0
77	41.2	35.6	53.4
79	41.4	34.4	51.6



#18
Hexachloroethane
Concen: 39.339 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.5	117.7
201	127.6	101.0	151.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.537 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

Tot Ion: 70 Resp: 228881

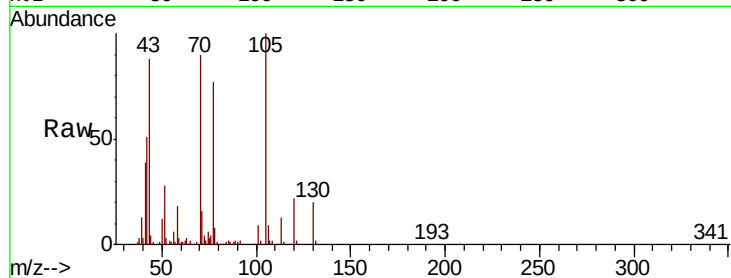
Ion	Ratio	Lower	Upper
70	100		
42	56.4	46.5	69.7
101	10.5	7.6	11.4
130	21.8	17.3	25.9

70 100

42 56.4 46.5 69.7

101 10.5 7.6 11.4

130 21.8 17.3 25.9



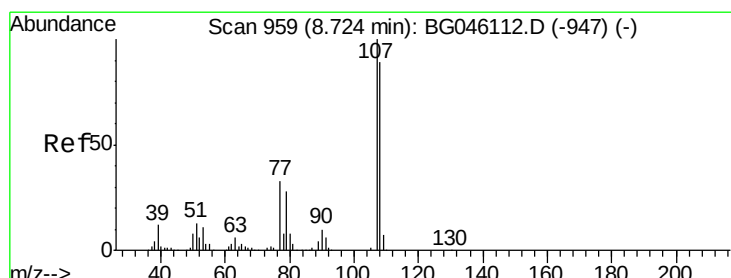
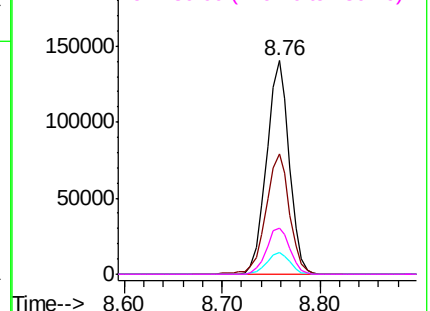
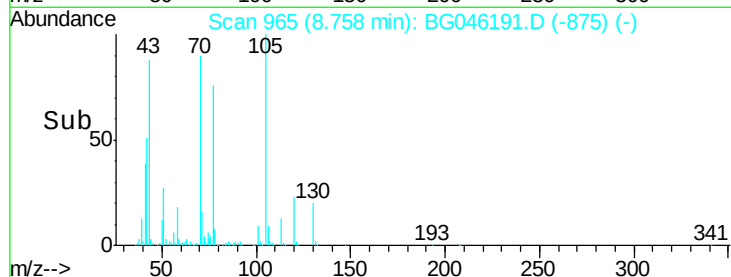
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 44.532 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion:107 Resp: 367765

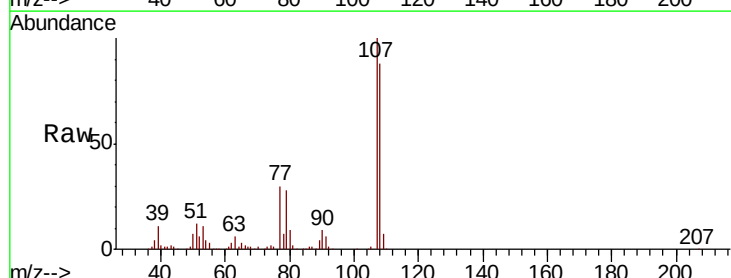
Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.1	109.1
77	30.4	12.5	52.5
79	27.8	8.4	48.4

107 100

108 88.4 69.1 109.1

77 30.4 12.5 52.5

79 27.8 8.4 48.4



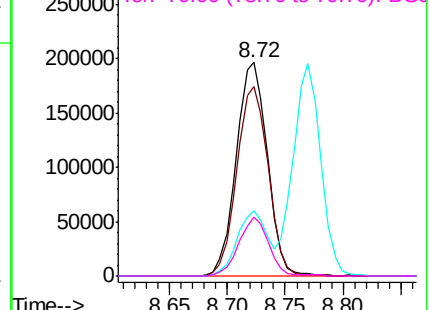
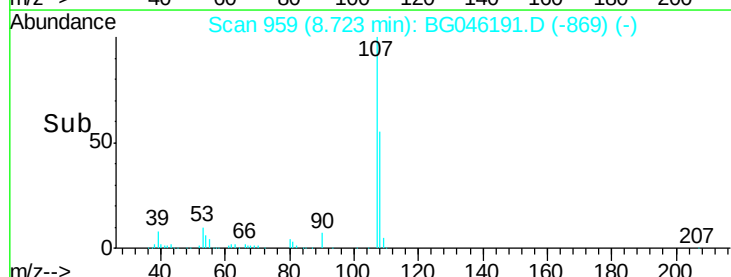
Abundance

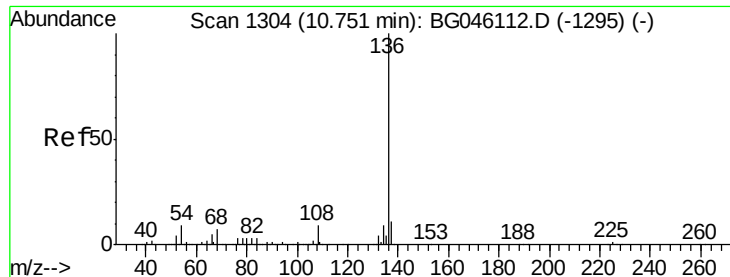
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

Tot Ion:136 Resp: 441506

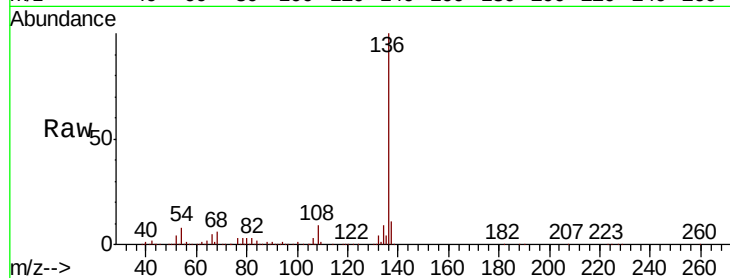
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.4 7.0 10.4

68 6.1 5.3 7.9

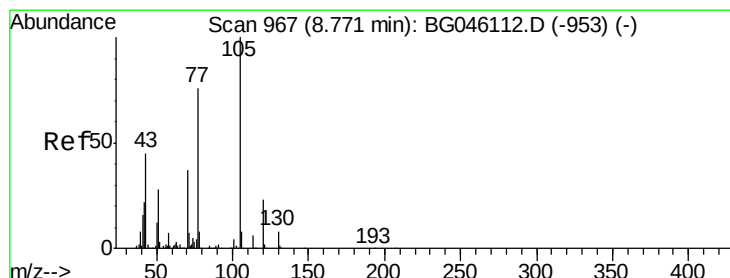
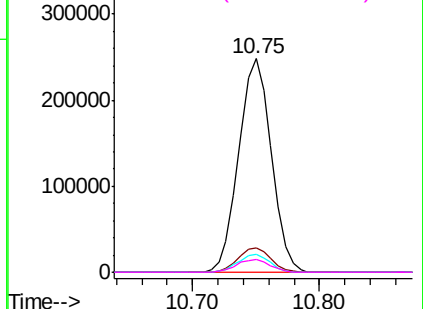
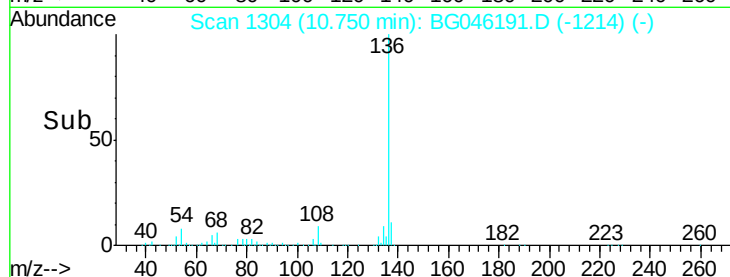


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.725 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion:105 Resp: 438781

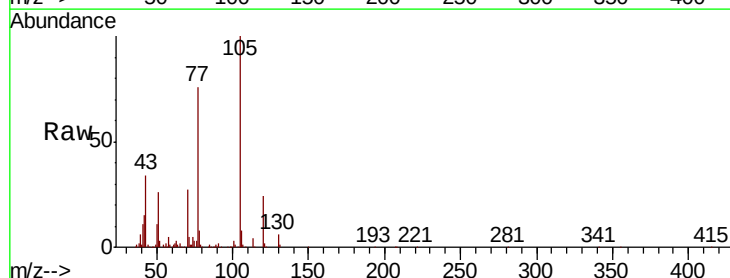
Ion Ratio Lower Upper

105 100

71 4.7 5.3 7.9#

51 25.8 22.7 34.1

120 24.3 18.7 28.1

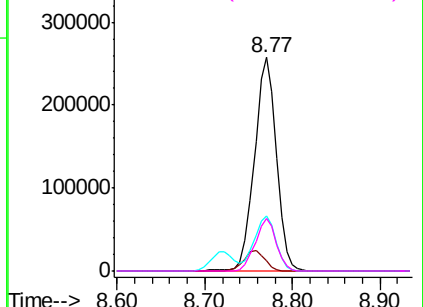
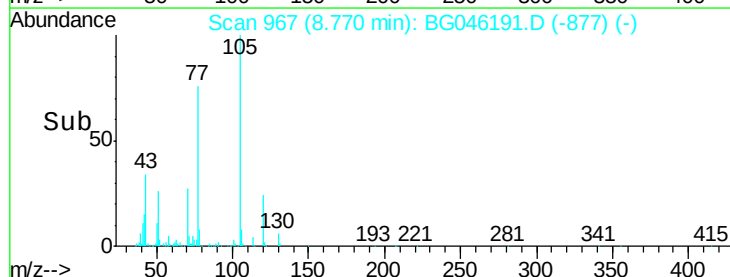


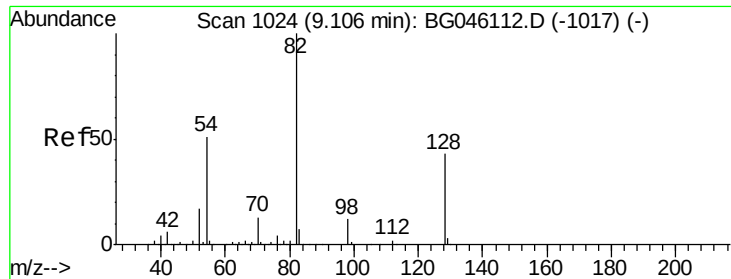
Abundance Ion 105.00 (104.70 to 105.70): E

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

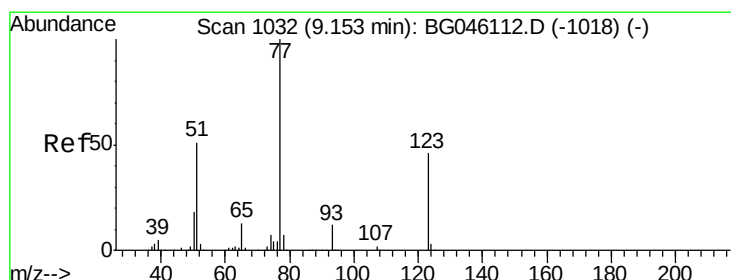
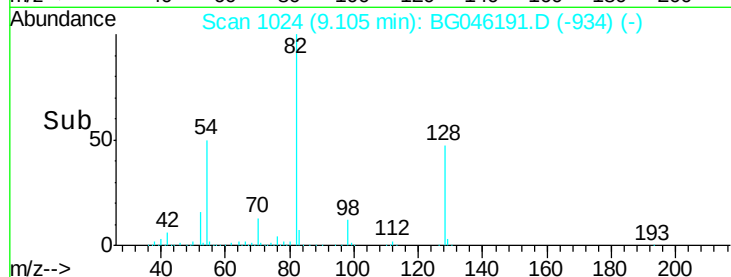
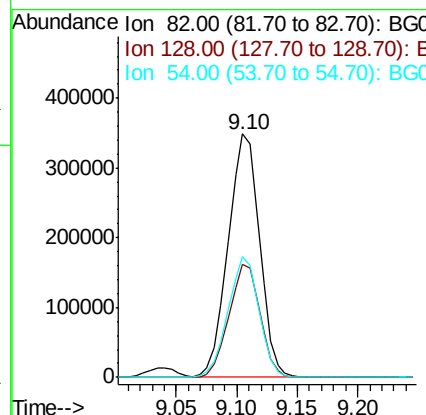
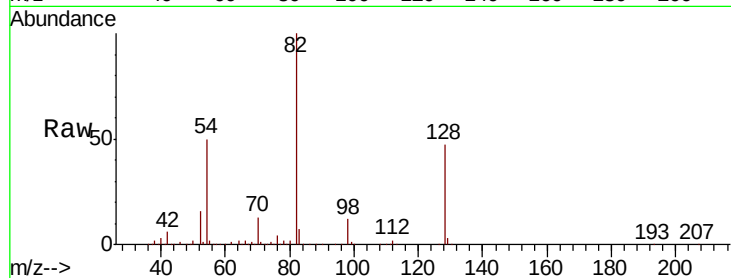




#23
 Nitrobenzene-d5
 Concen: 77.198 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

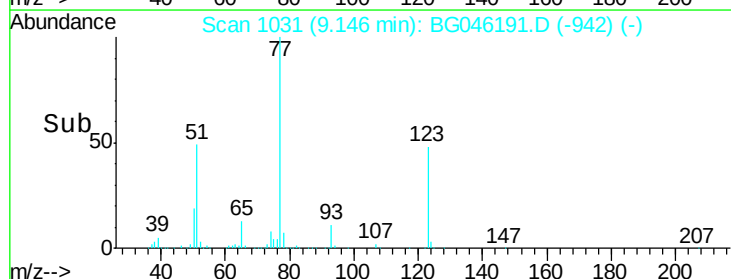
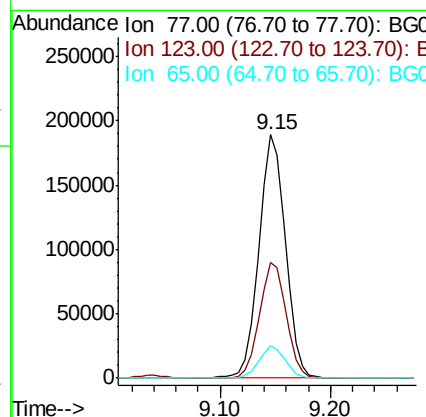
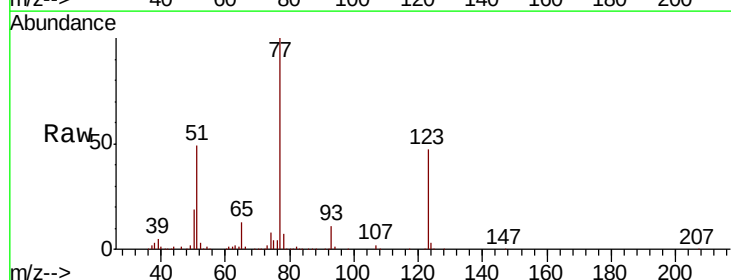
Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

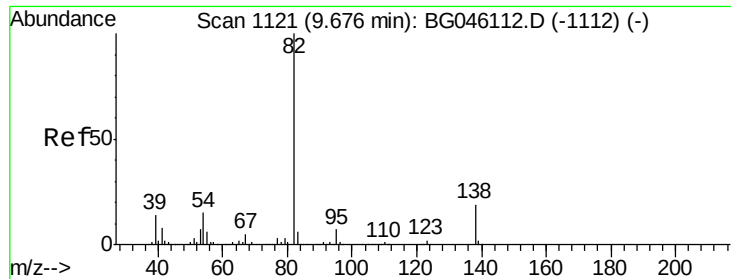
Tot Ion	82	Resp	629513
Ion Ratio	100	Lower	Upper
128	46.5	34.4	51.6
54	49.8	40.8	61.2



#24
 Nitrobenzene
 Concen: 36.742 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	77	Resp	319441
Ion Ratio	100	Lower	Upper
123	47.4	36.8	55.2
65	13.2	10.2	15.2





#25

Isophorone

Concen: 38.961 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

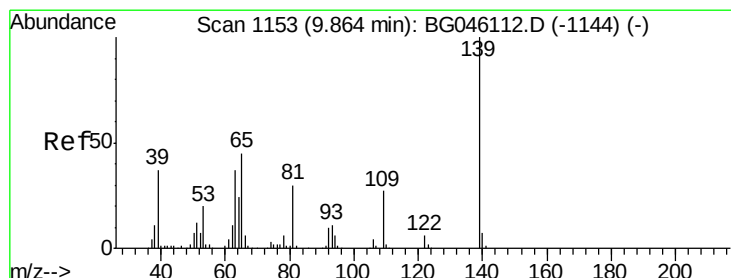
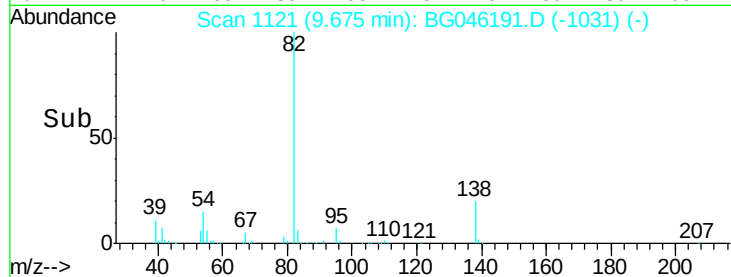
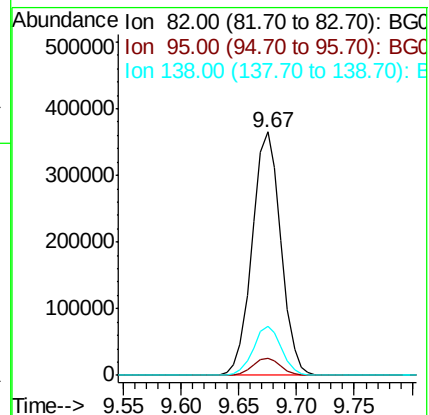
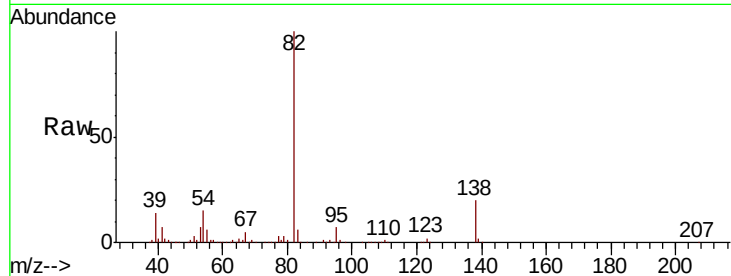
Tot Ion: 82 Resp: 632176

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

138 19.9 15.3 22.9



#26

2-Nitrophenol

Concen: 45.457 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

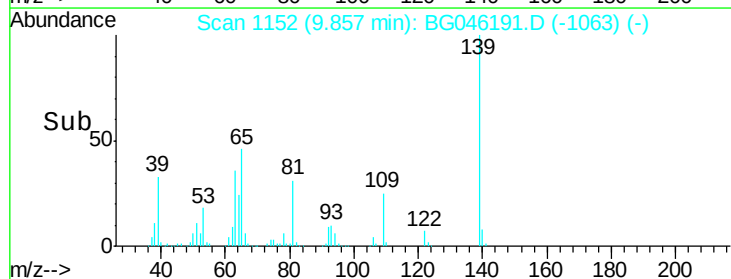
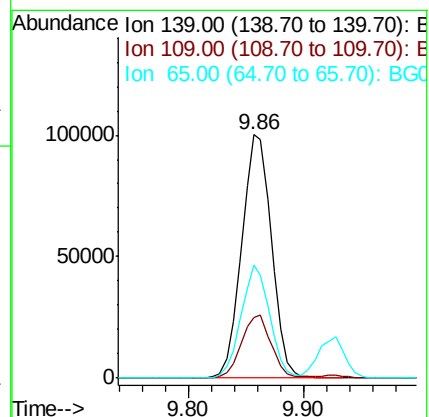
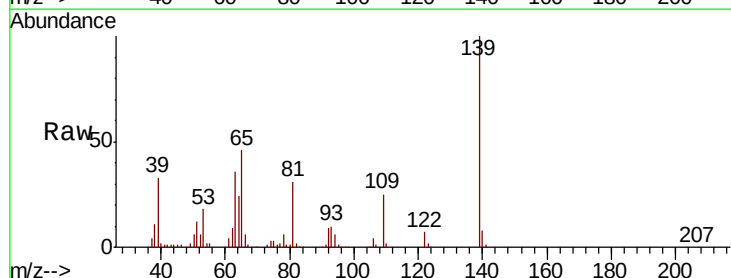
Tgt Ion: 139 Resp: 179113

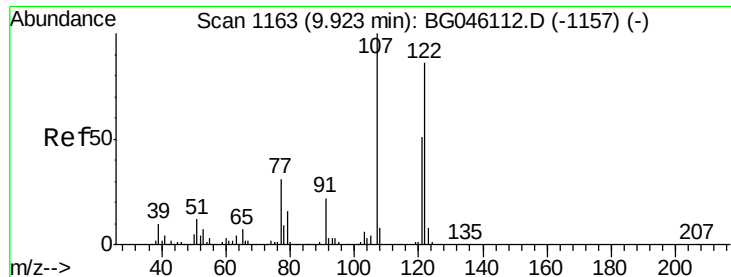
Ion Ratio Lower Upper

139 100

109 25.0 21.8 32.8

65 46.2 36.2 54.2

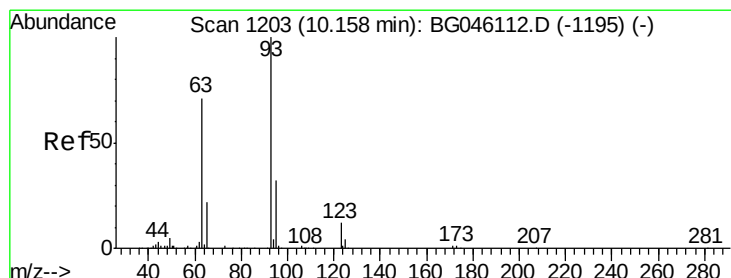
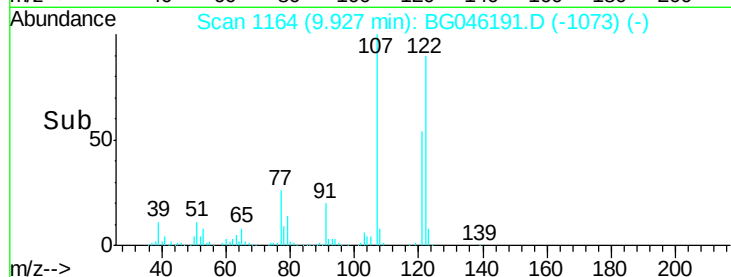
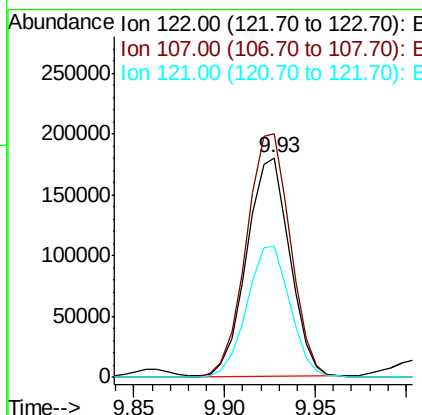
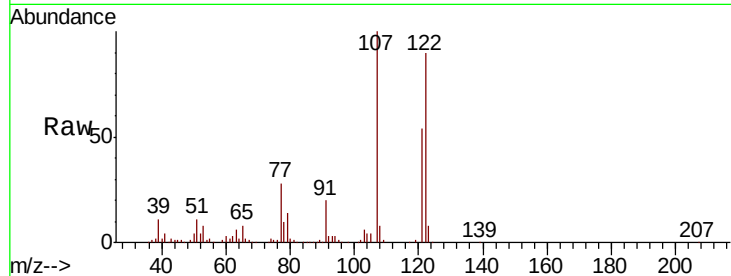




#27
 2,4-Dimethylphenol
 Concen: 46.127 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

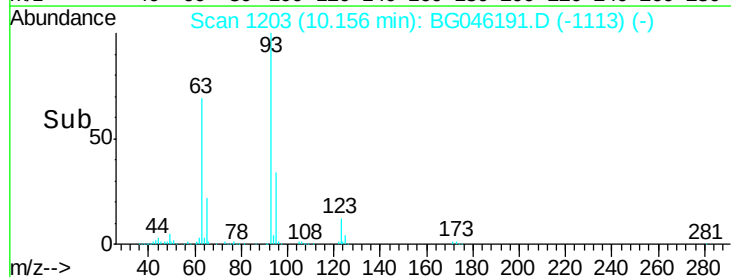
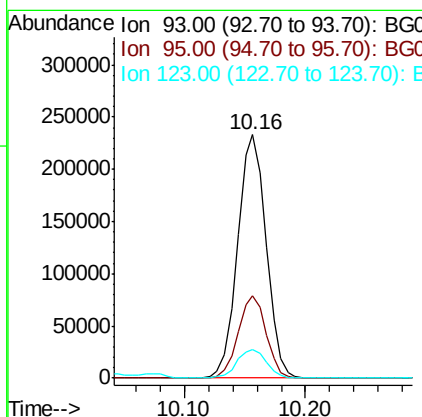
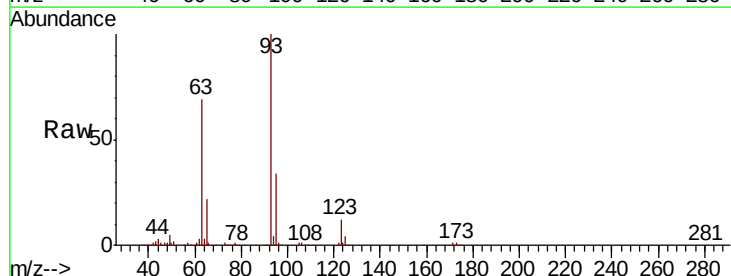
Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

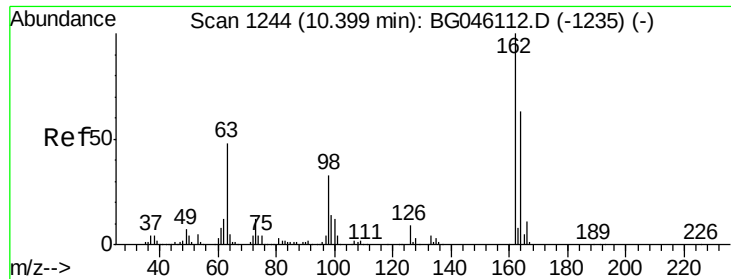
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	92.4	138.6
121	59.6	47.0	70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.448 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.0	39.0
123	11.7	9.7	14.5

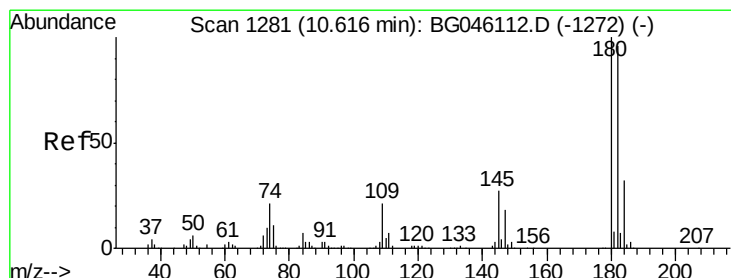
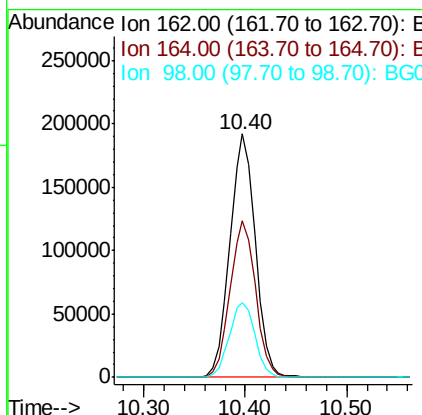
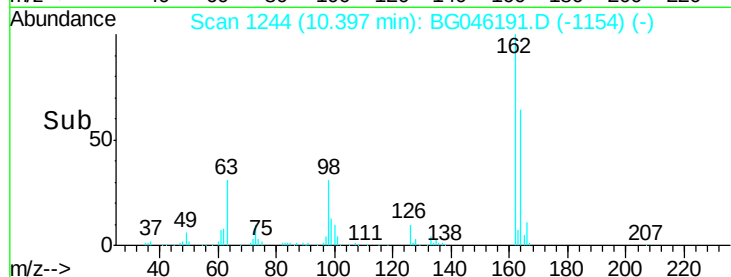
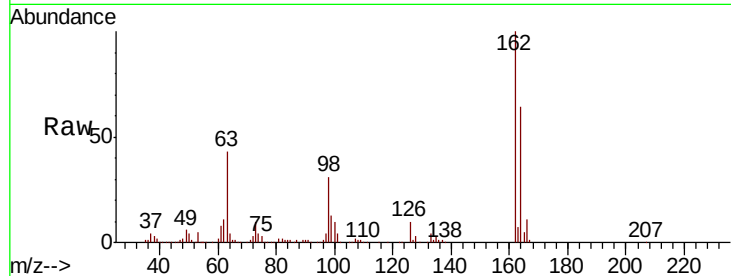




#29
 2,4-Dichlorophenol
 Concen: 44.419 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

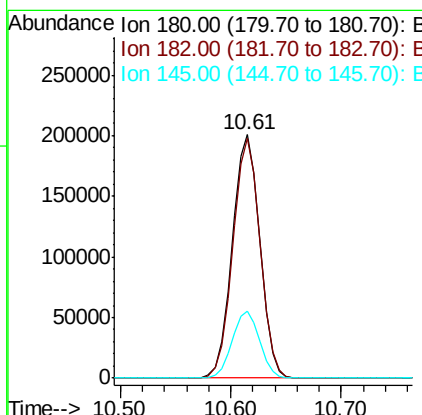
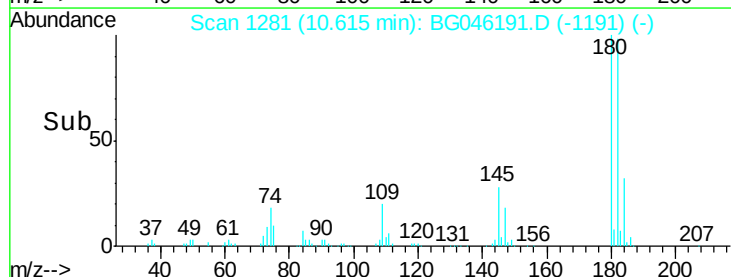
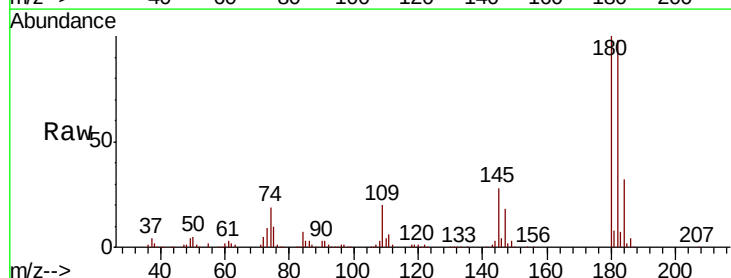
Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

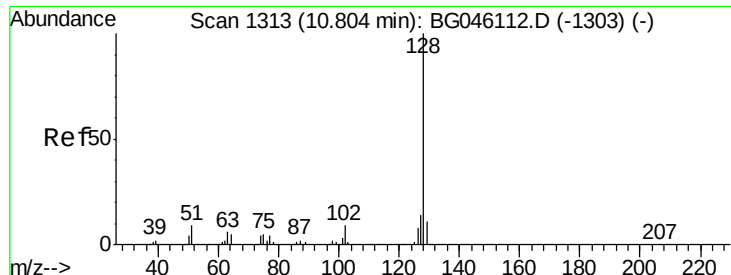
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.3	83.3
98	30.9	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.676 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.7	115.1
145	27.7	21.8	32.8

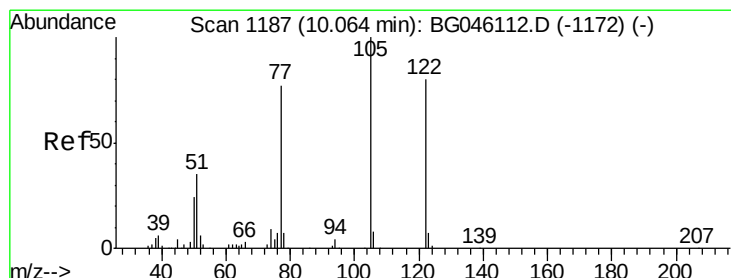
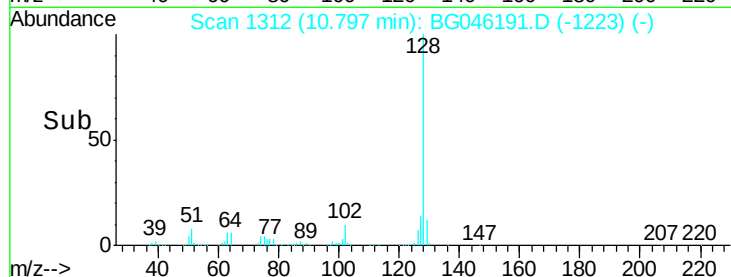
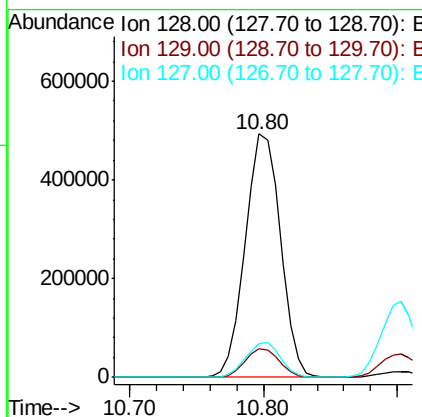
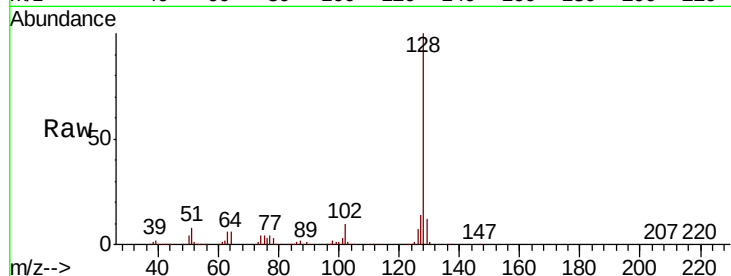




#31
Naphthalene
Concen: 38.483 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

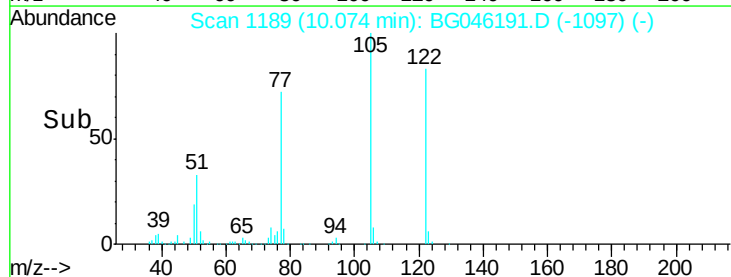
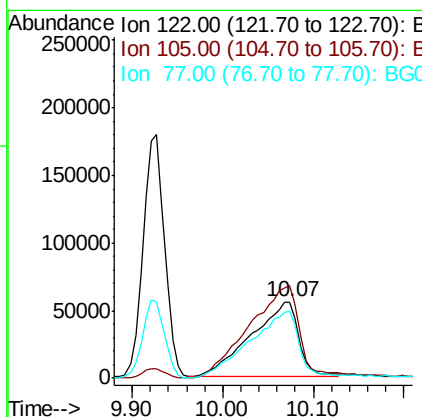
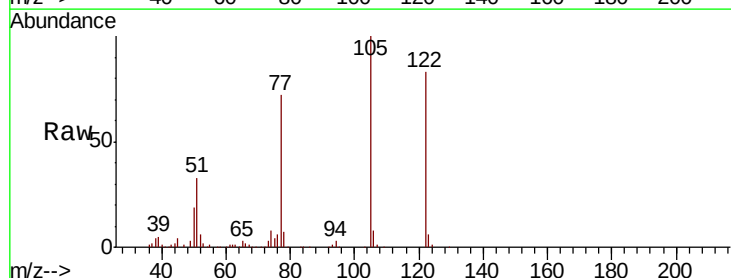
Instrument :
BNA_G
ClientSampleId :
PB130804BS

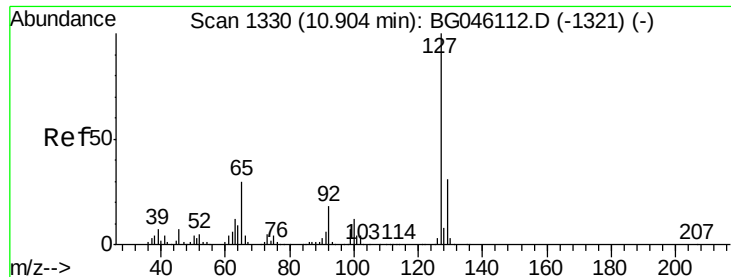
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.9	11.3	16.9



#32
Benzoic acid
Concen: 44.025 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.7	103.0	143.0
77	86.8	75.2	115.2

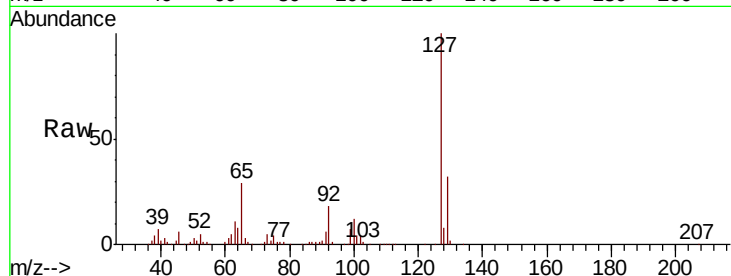




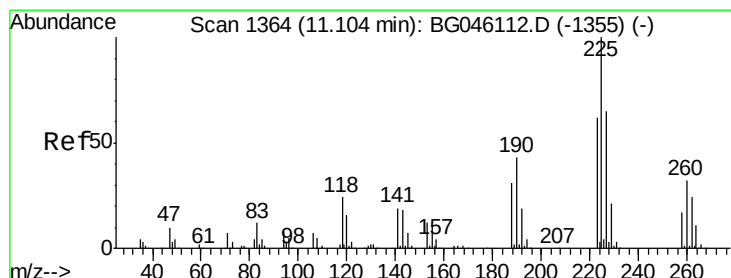
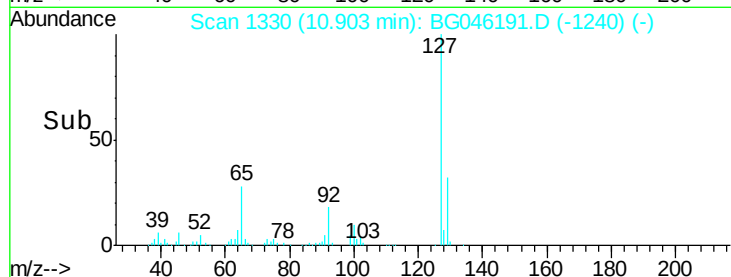
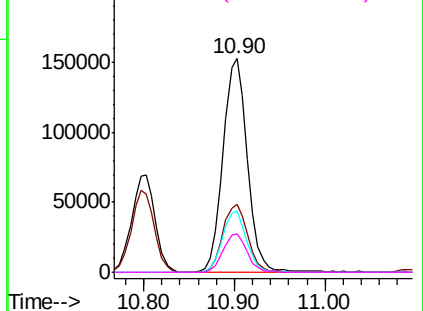
#33
4-Chloroaniline
Concen: 29.567 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion:	127	Resp:	282255
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.2	37.8
65	28.6	24.2	36.2
92	18.2	14.5	21.7

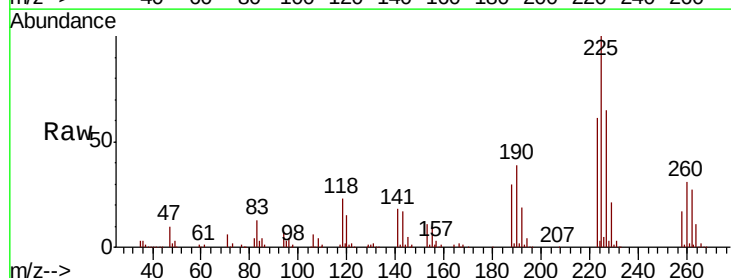


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

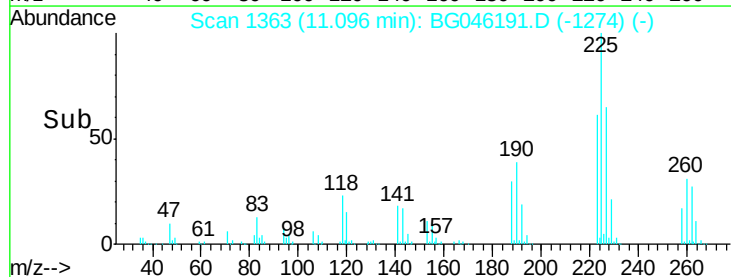
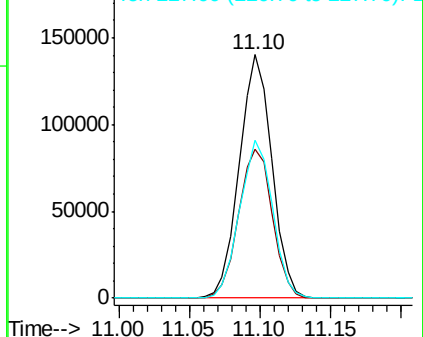


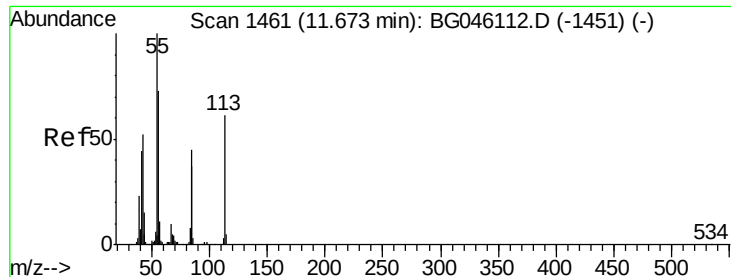
#34
Hexachlorobutadiene
Concen: 38.532 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:	225	Resp:	226598
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.8	74.6
227	64.6	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

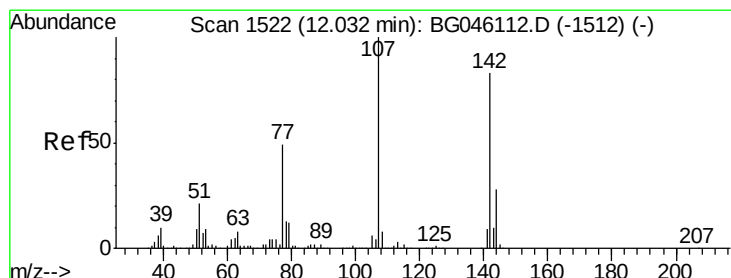
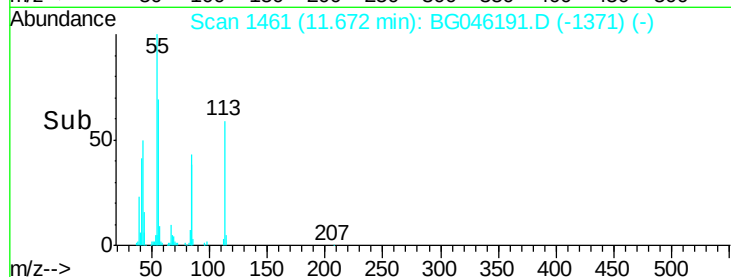
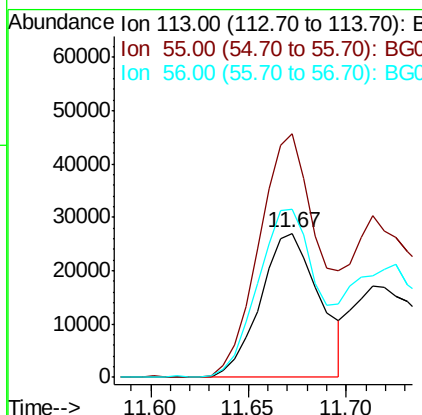
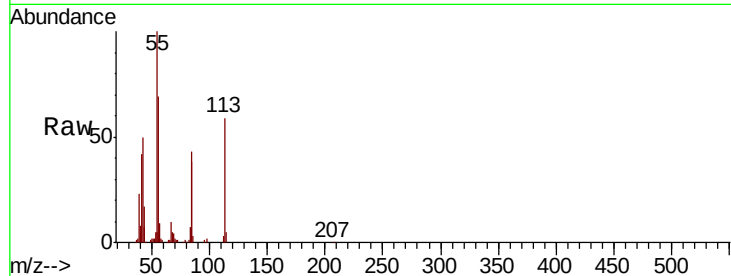




#35
Caprolactam
Concen: 22.862 ng
RT: 11.67 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

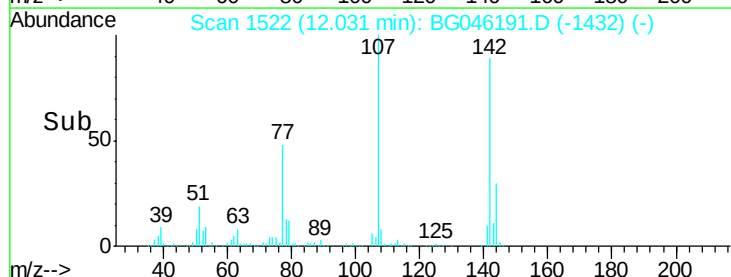
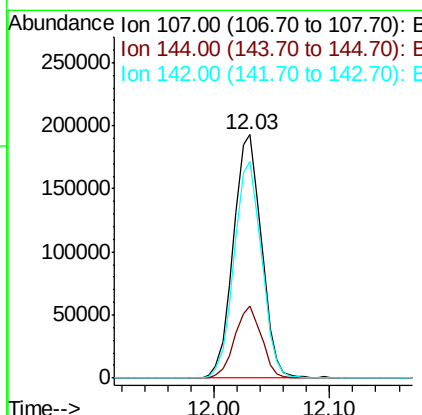
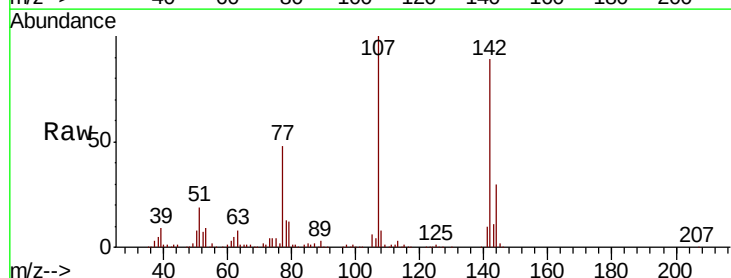
Instrument :
BNA_G
ClientSampleId :
PB130804BS

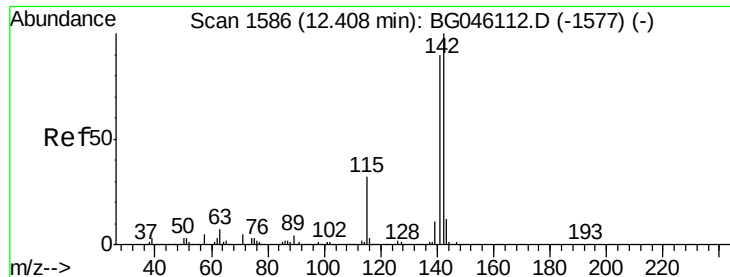
Tot Ion:113 Resp: 56429
Ion Ratio Lower Upper
113 100
55 169.2 144.7 184.7
56 116.6 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 44.100 ng
RT: 12.03 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:107 Resp: 326360
Ion Ratio Lower Upper
107 100
144 29.6 22.4 33.6
142 89.2 66.6 100.0

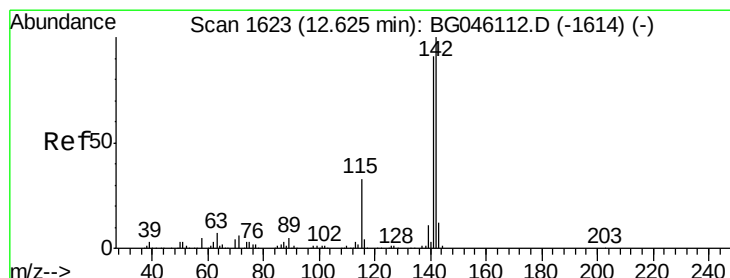
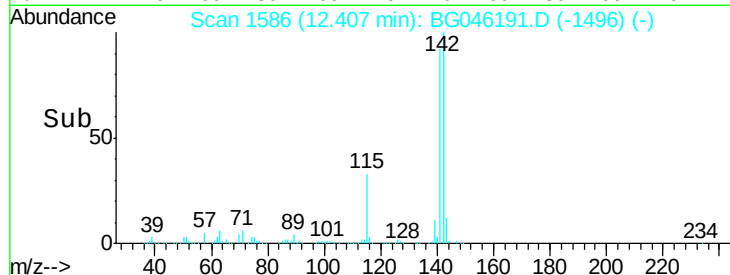
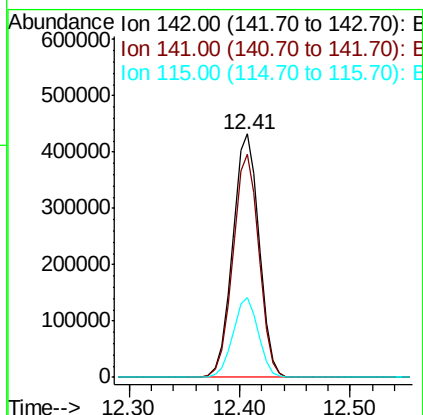
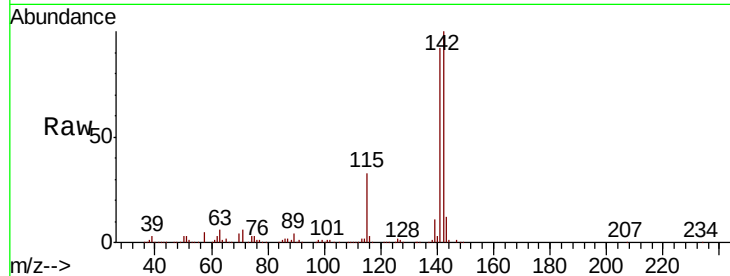




#37
2-Methylnaphthalene
Concen: 40.223 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

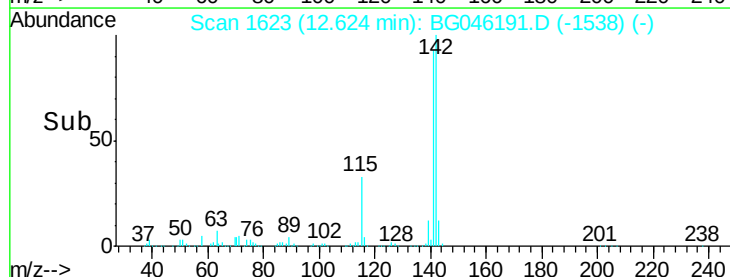
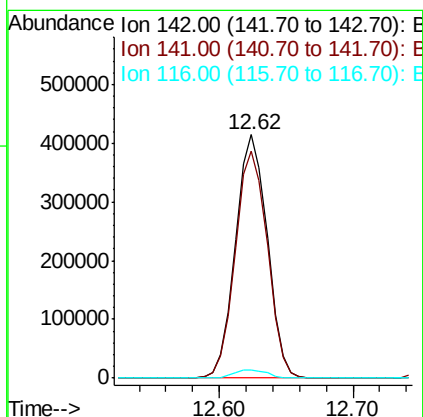
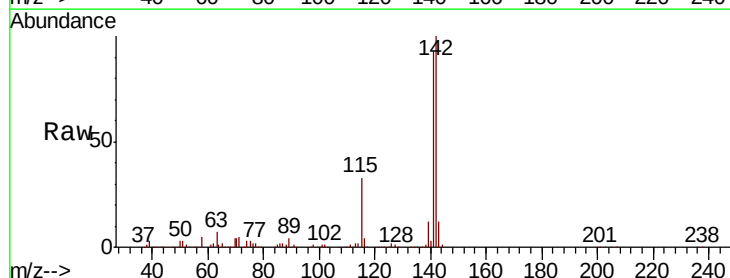
Instrument :
BNA_G
ClientSampleId :
PB130804BS

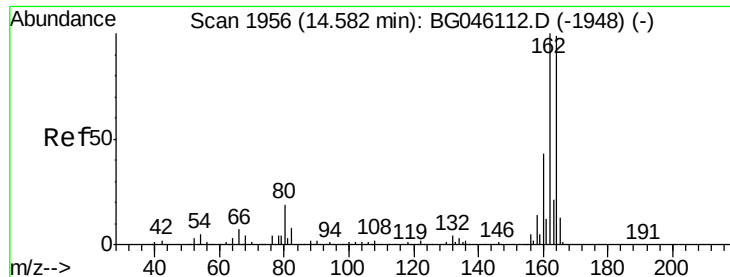
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.7	107.5
115	32.9	25.8	38.8



#38
1-Methylnaphthalene
Concen: 40.083 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.0	109.4
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampled :

PB130804BS

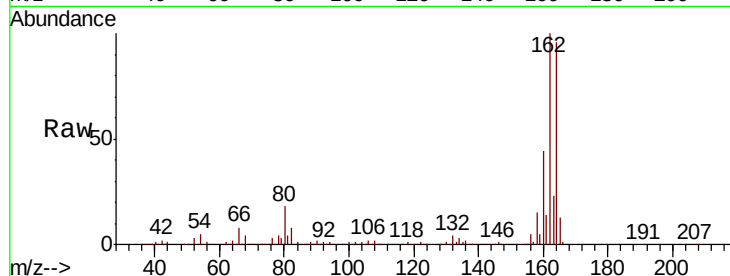
Tot Ion:164 Resp: 299776

Ion Ratio Lower Upper

164 100

162 104.5 80.6 121.0

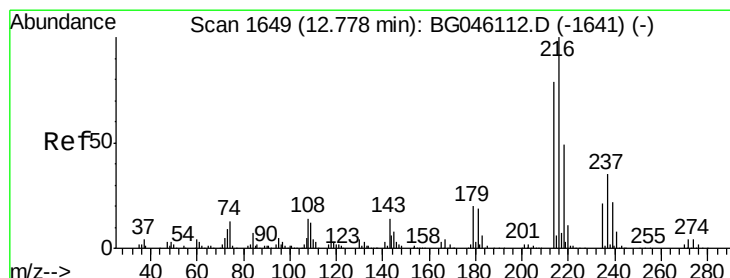
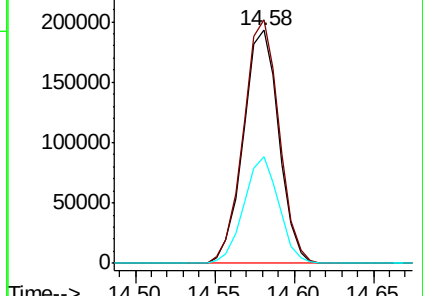
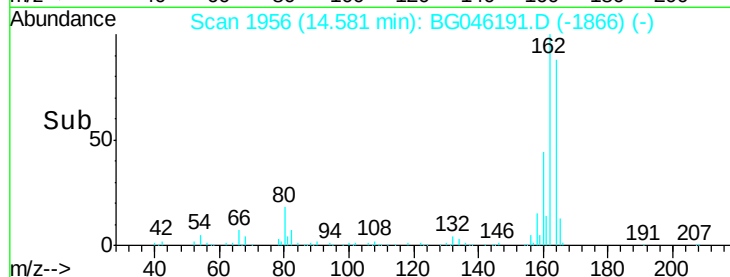
160 46.0 34.9 52.3



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: 38.485 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion:216 Resp: 415675

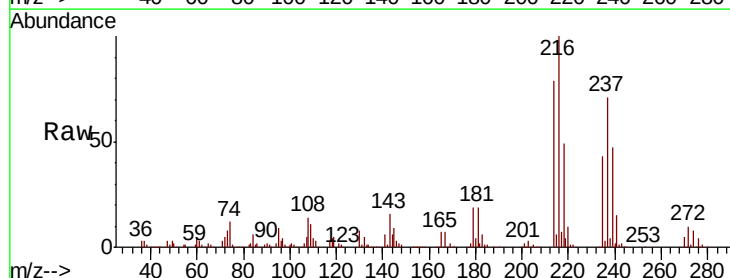
Ion Ratio Lower Upper

216 100

214 78.5 62.7 94.1

179 19.1 15.0 22.6

108 16.1 11.6 17.4

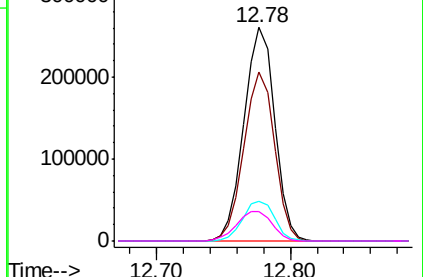
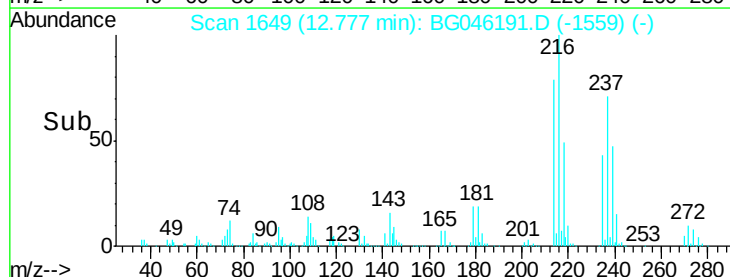


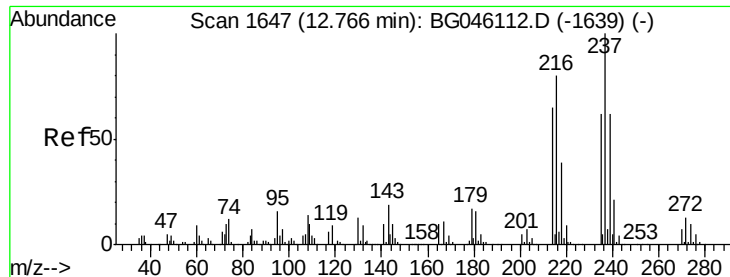
Abundance Ion 216.00 (215.70 to 216.70): E

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

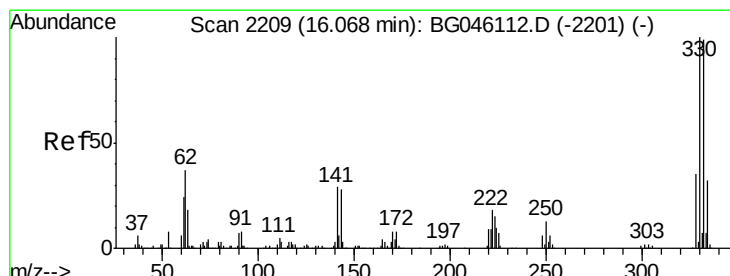
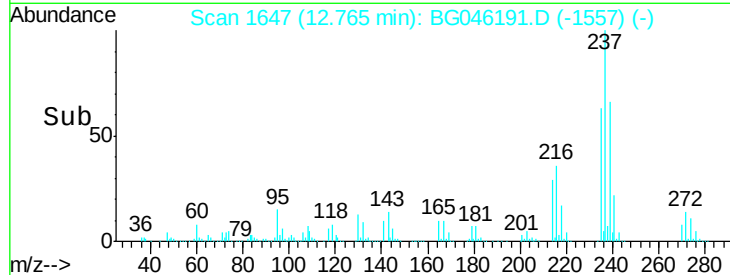
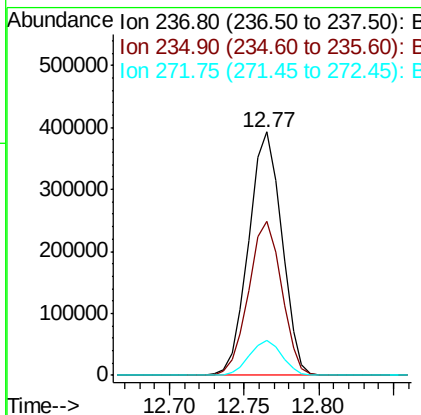
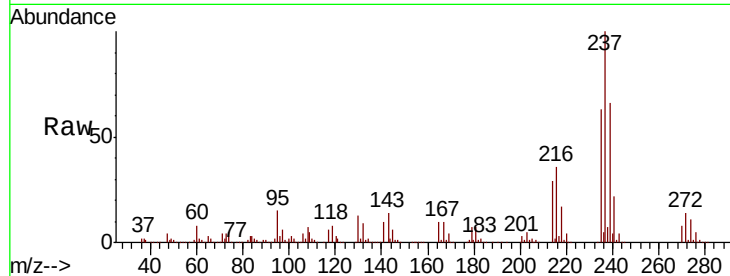




#41
Hexachlorocyclopentadiene
Concen: 97.314 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

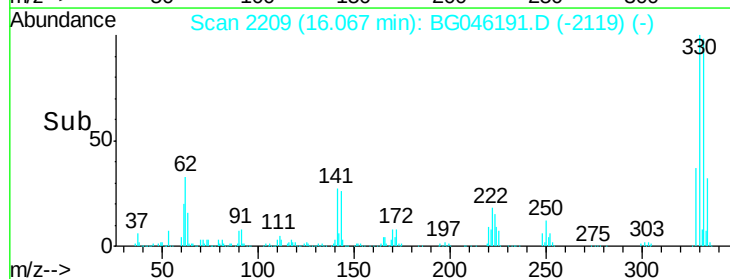
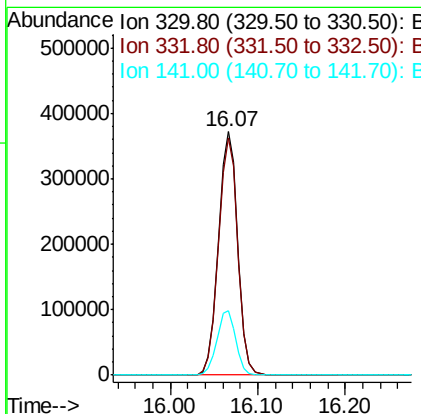
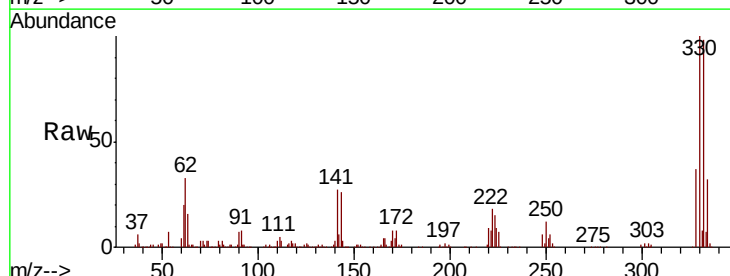
Instrument :
BNA_G
ClientSampleId :
PB130804BS

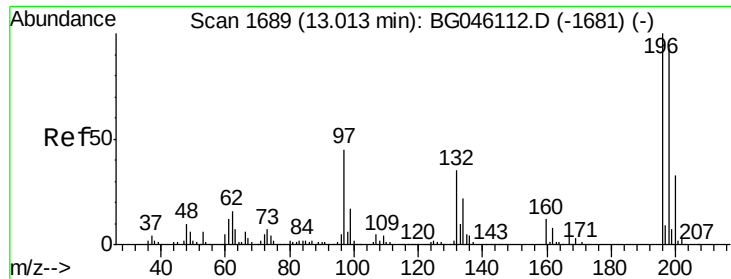
Tot Ion:	237	Resp:	602896
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.3	82.3
272	14.1	0.0	32.7



#42
2,4,6-Tribromophenol
Concen: 123.161 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:	330	Resp:	567097
Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	26.2	23.4	35.0

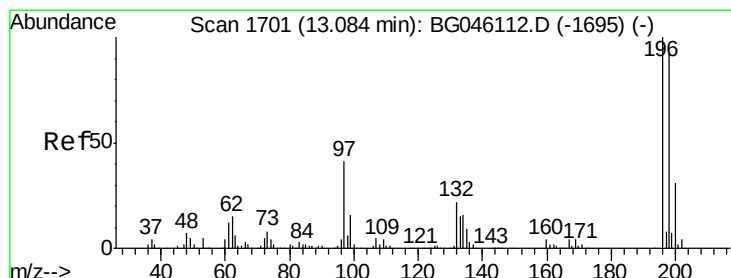
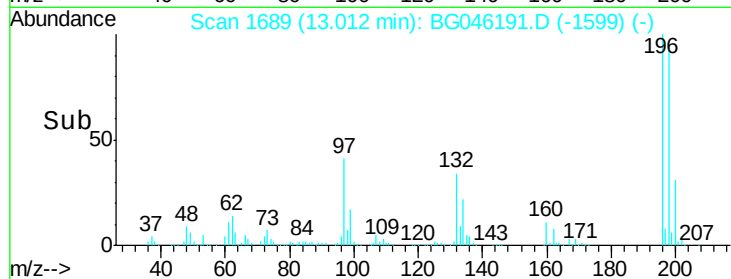
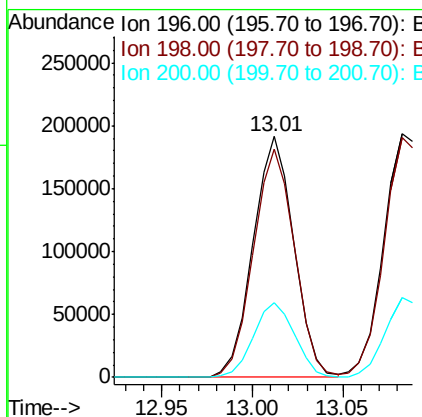
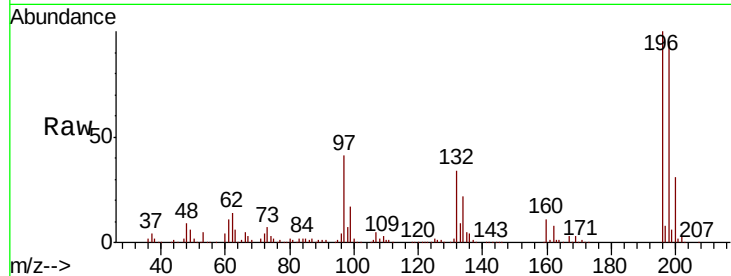




#43
 2,4,6-Trichlorophenol
 Concen: 43.351 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

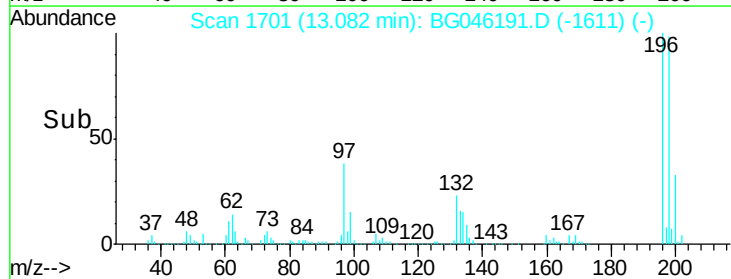
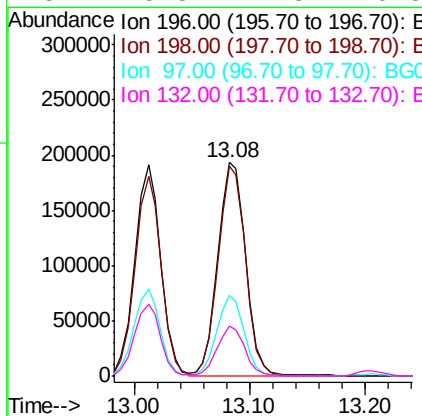
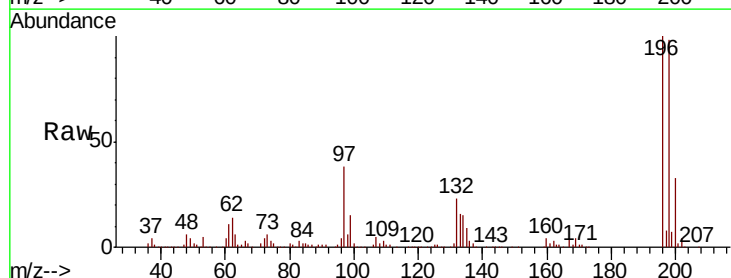
Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

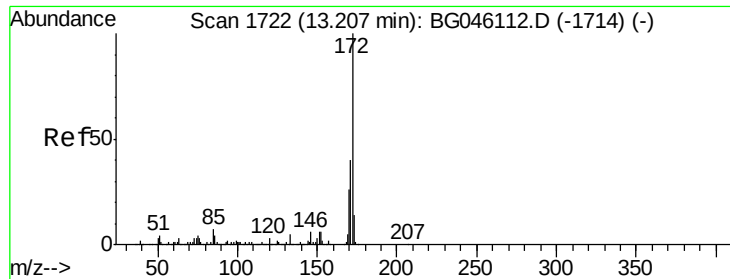
Tot Ion	196	Resp	298735
Ion Ratio	100	Lower	Upper
196	100		
198	94.6	74.2	111.4
200	31.1	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.732 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	196	Resp	321290
Ion Ratio	100	Lower	Upper
196	100		
198	98.4	73.9	110.9
97	37.8	32.7	49.1
132	23.3	17.8	26.8

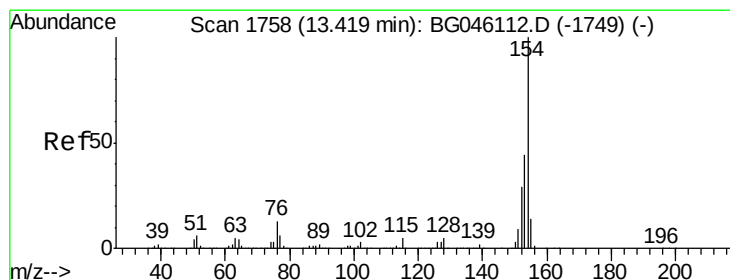
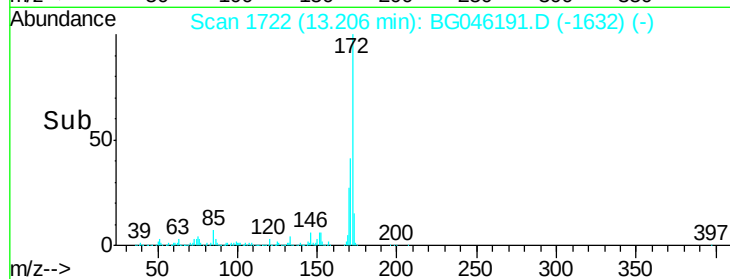
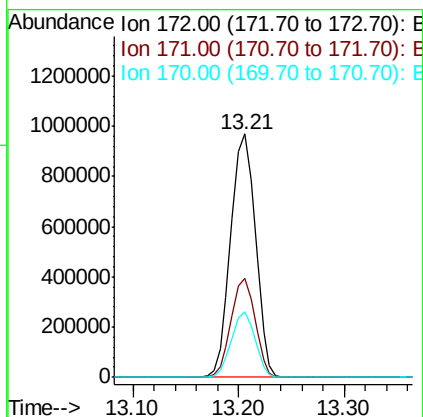
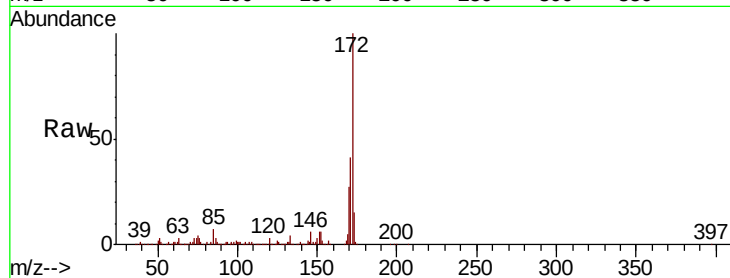




#45
2-Fluorobiphenyl
Concen: 76.304 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

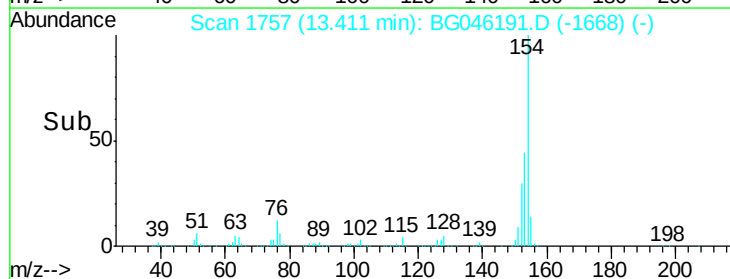
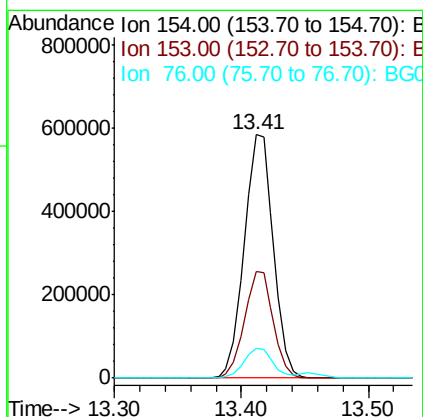
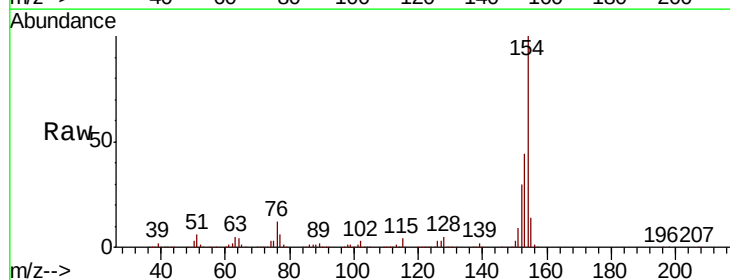
Instrument :
BNA_G
ClientSampleId :
PB130804BS

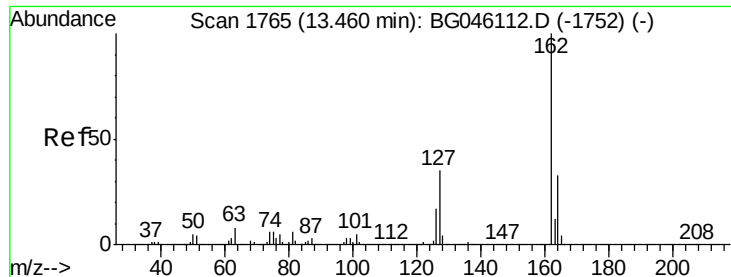
Tot Ion:172 Resp: 1574671
Ion Ratio Lower Upper
172 100
171 40.5 31.7 47.5
170 26.9 20.9 31.3



#46
1,1'-Biphenyl
Concen: 39.483 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:154 Resp: 928497
Ion Ratio Lower Upper
154 100
153 43.9 23.7 63.7
76 12.4 0.0 32.9

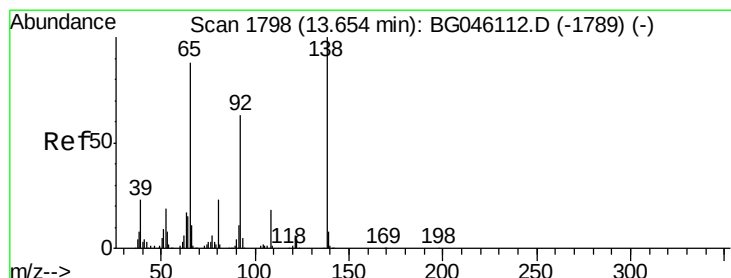
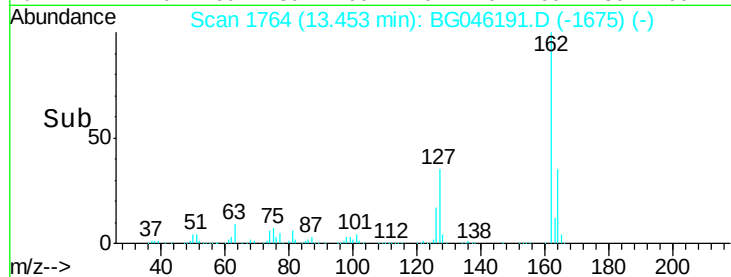
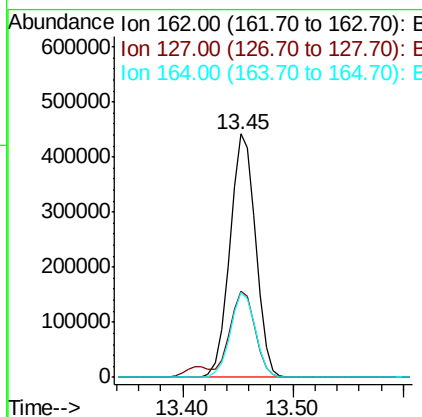
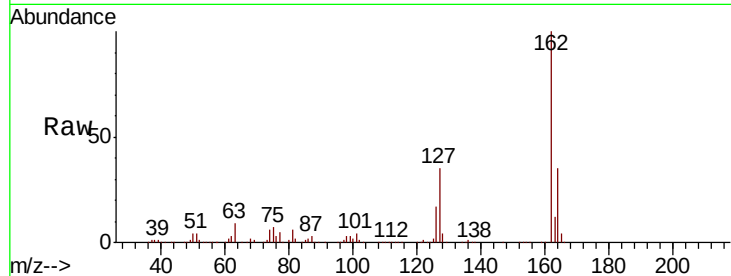




#47
2-Chloronaphthalene
Concen: 38.347 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

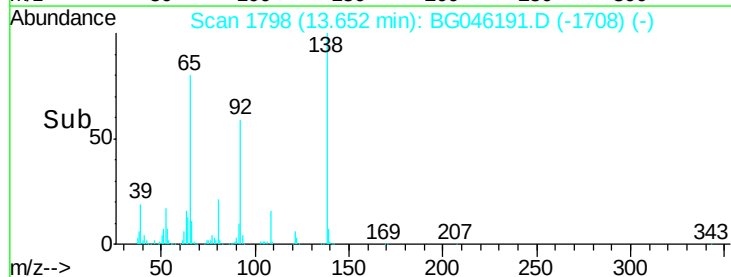
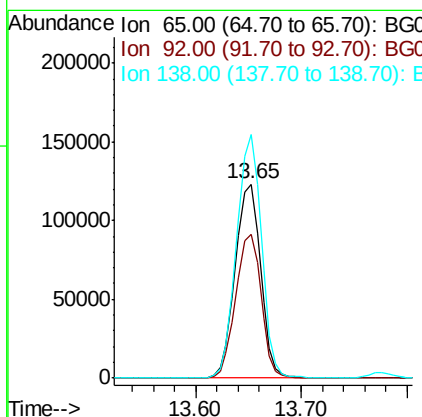
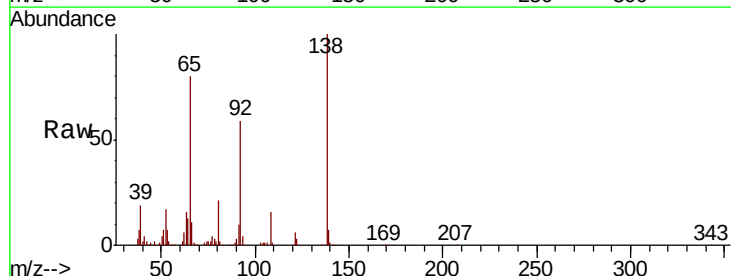
Instrument :
BNA_G
ClientSampleId :
PB130804BS

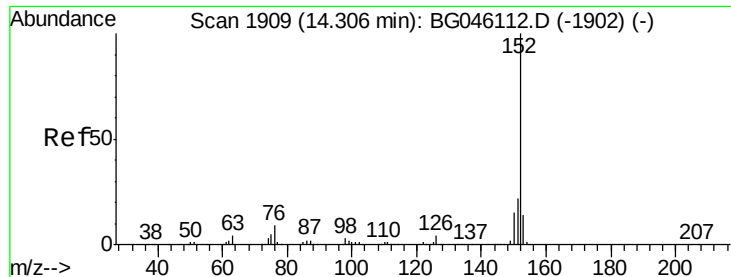
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.3	28.0	42.0
164	34.8	26.5	39.7



#48
2-Nitroaniline
Concen: 41.929 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	57.4	86.2
138	125.5	91.1	136.7





#49

Acenaphthylene

Concen: 40.045 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

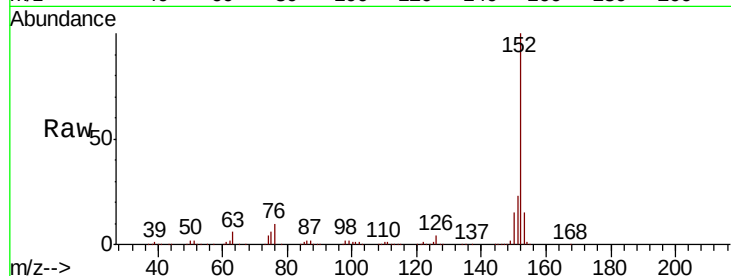
Tot Ion:152 Resp: 1166442

Ion Ratio Lower Upper

152 100

151 22.8 17.4 26.2

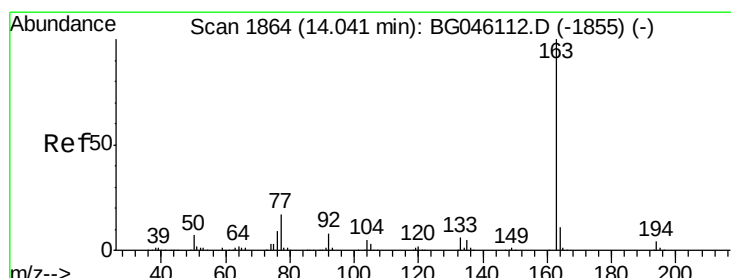
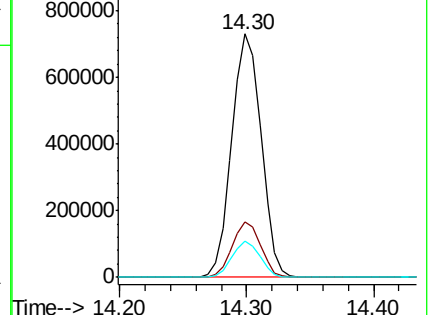
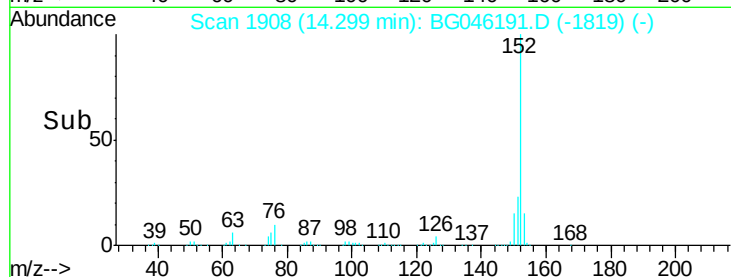
153 14.6 10.9 16.3



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: 40.931 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

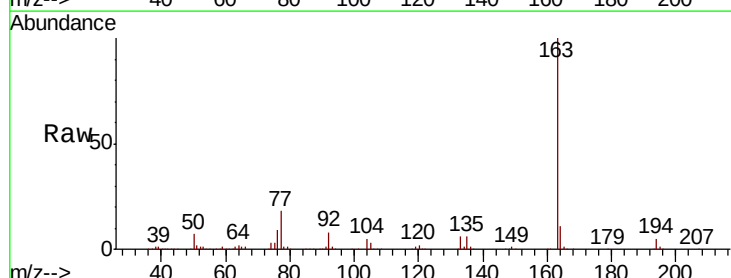
Tgt Ion:163 Resp: 941749

Ion Ratio Lower Upper

163 100

194 5.1 3.5 5.3

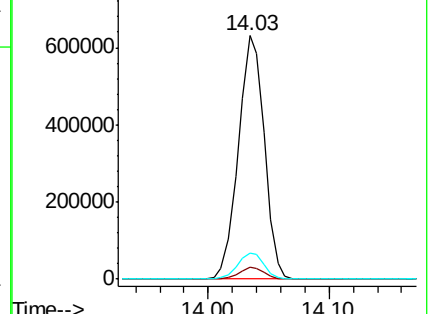
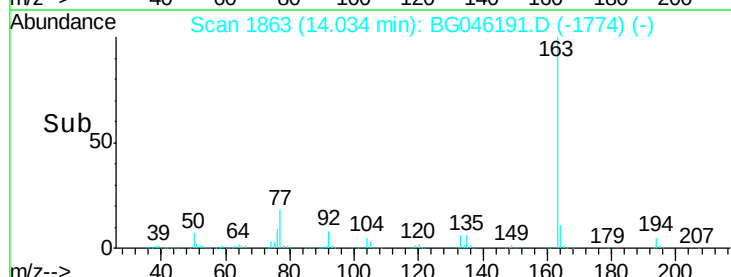
164 10.6 8.8 13.2

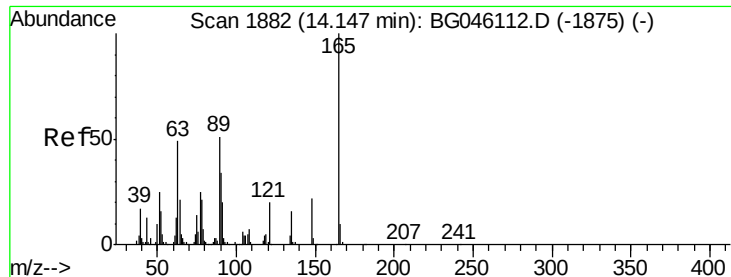


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.539 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

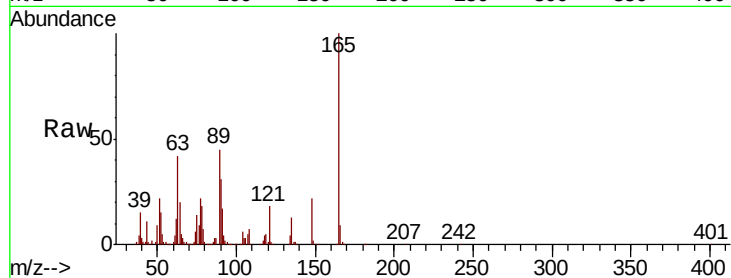
Tot Ion:165 Resp: 222429

Ion Ratio Lower Upper

165 100

63 41.8 39.7 59.5

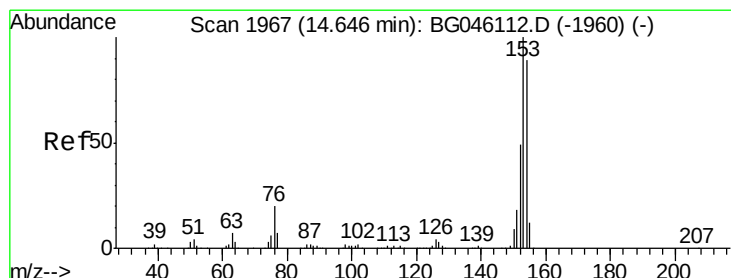
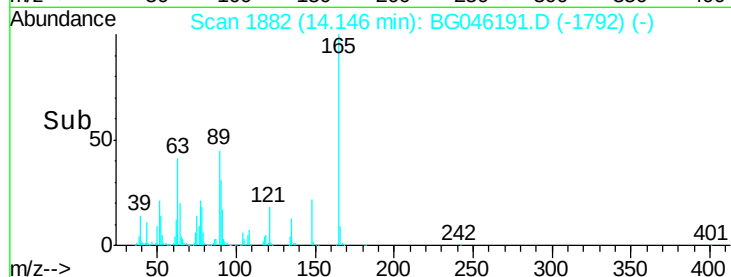
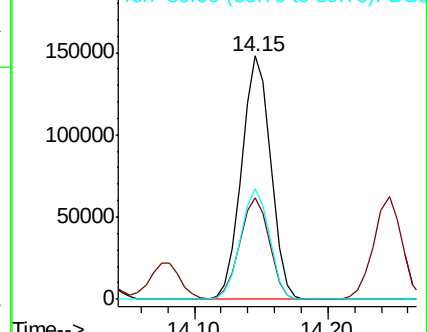
89 45.2 41.0 61.6



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: 37.569 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

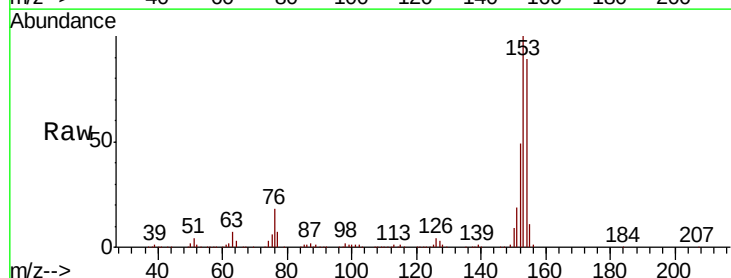
Tgt Ion:154 Resp: 722223

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.8

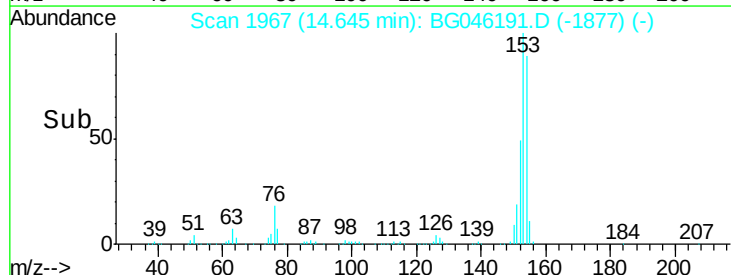
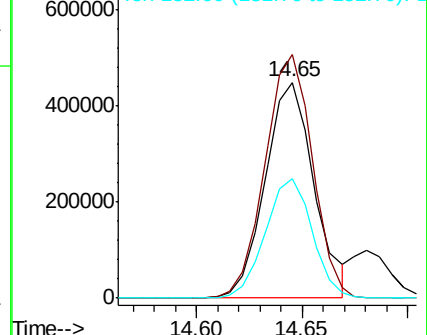
152 55.3 44.5 66.7

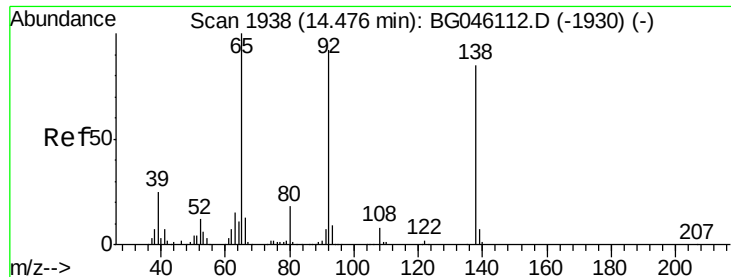


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

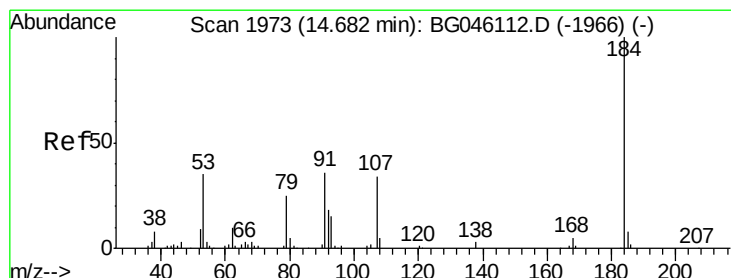
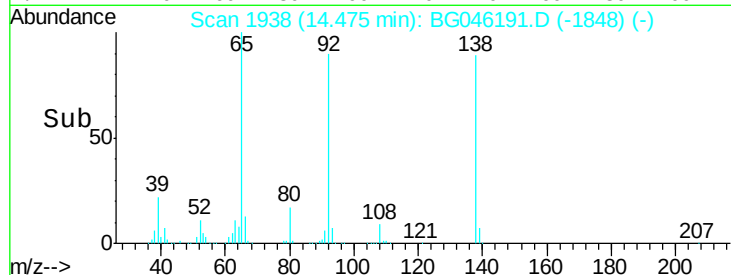
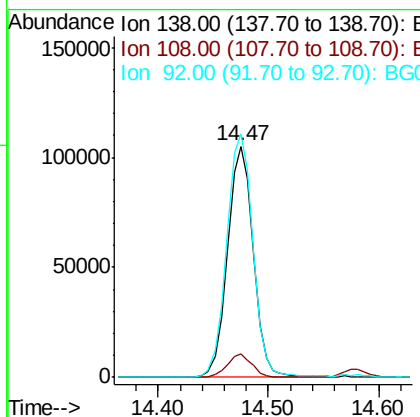
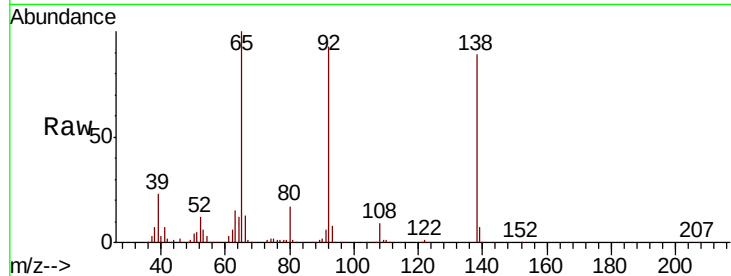




#53
 3-Nitroaniline
 Concen: 32.469 ng
 RT: 14.47 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

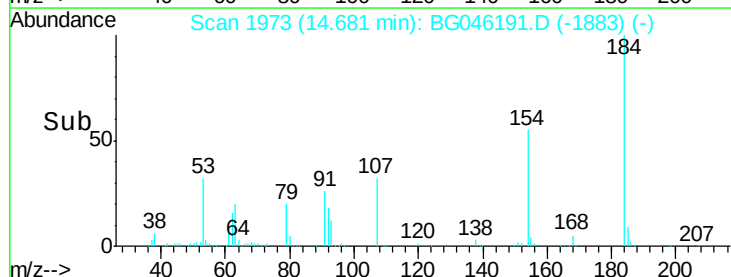
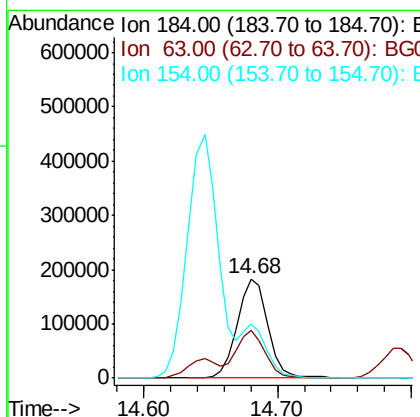
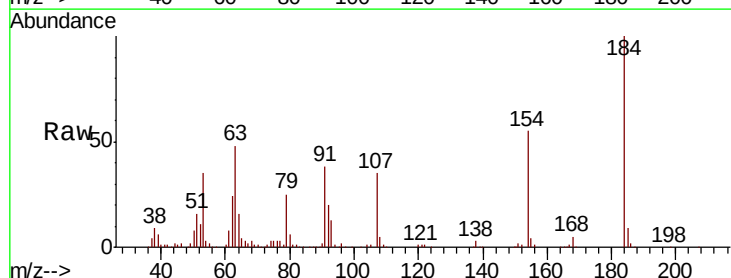
Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

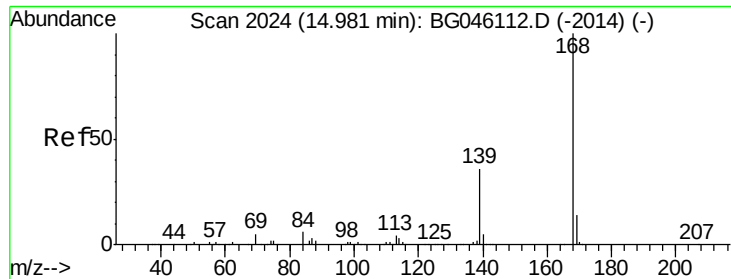
Tot Ion:138 Resp: 172366
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.2 10.8
 92 105.2 87.5 131.3



#54
 2,4-Dinitrophenol
 Concen: 85.222 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion:184 Resp: 290836
 Ion Ratio Lower Upper
 184 100
 63 48.3 36.7 55.1
 154 54.8 41.3 61.9

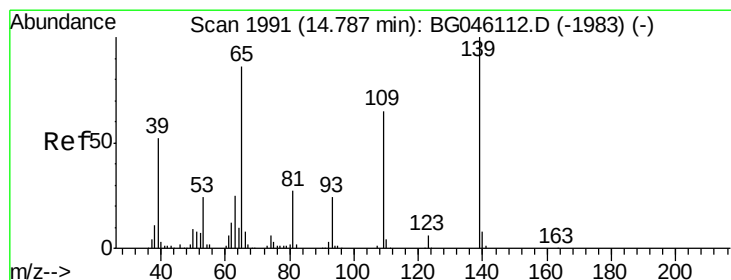
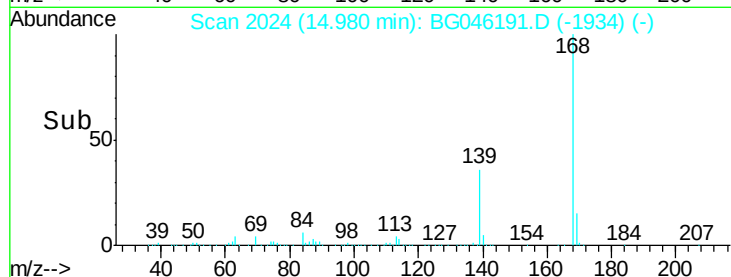
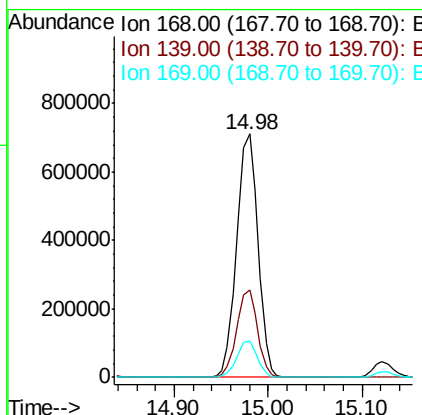
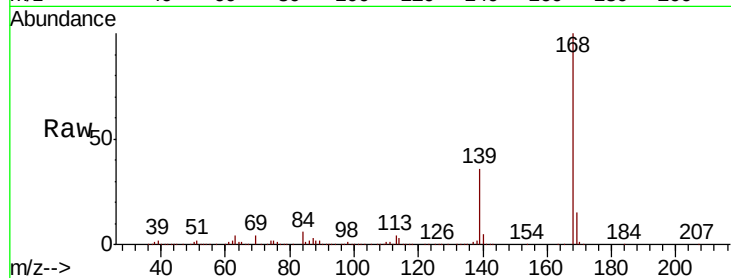




#55
Dibenzenofuran
Concen: 38.683 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

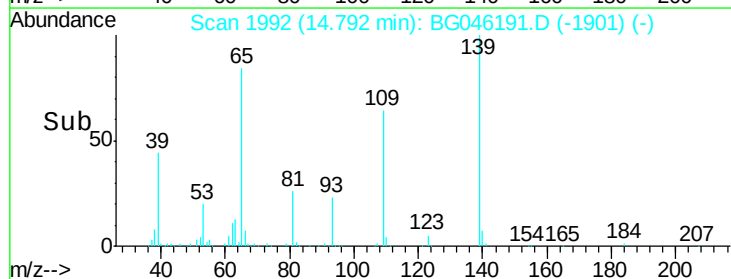
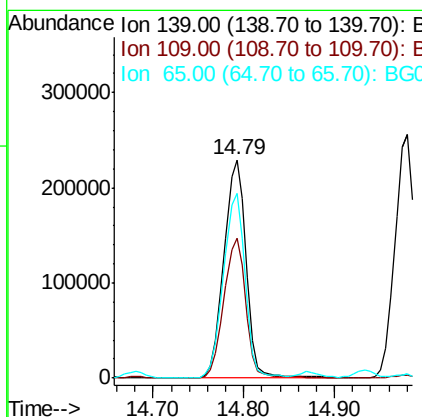
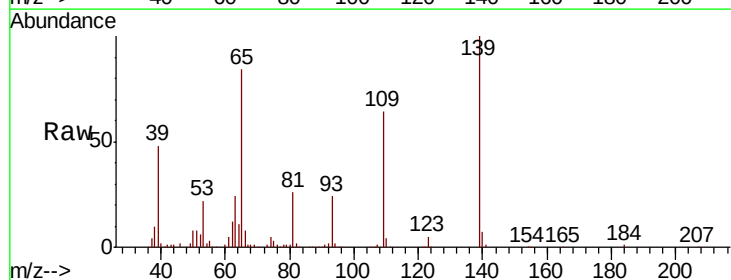
Instrument :
BNA_G
ClientSampleId :
PB130804BS

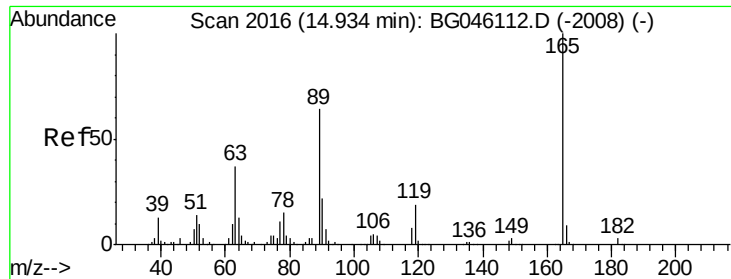
Tot Ion:168 Resp: 1122112
Ion Ratio Lower Upper
168 100
139 36.0 29.0 43.4
169 14.7 11.3 16.9



#56
4-Nitrophenol
Concen: 85.199 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:139 Resp: 392678
Ion Ratio Lower Upper
139 100
109 64.0 45.1 85.1
65 84.4 66.4 106.4

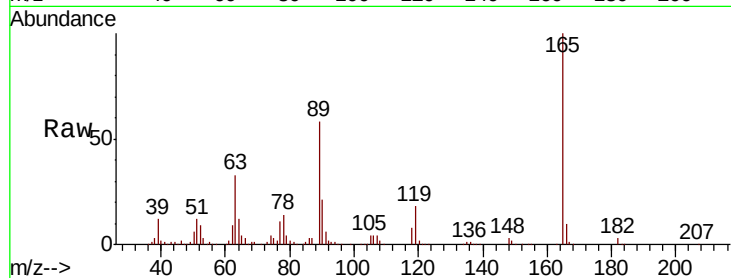




#57
 2,4-Dinitrotoluene
 Concen: 42.494 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.5	30.1	45.1
89	58.3	51.4	77.2
182	3.2	2.3	3.5

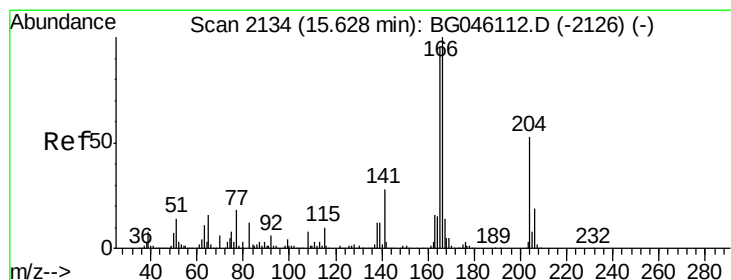
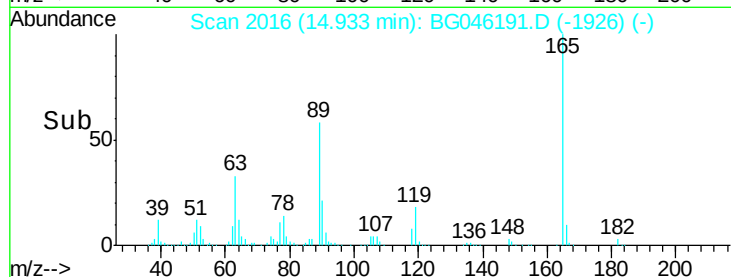
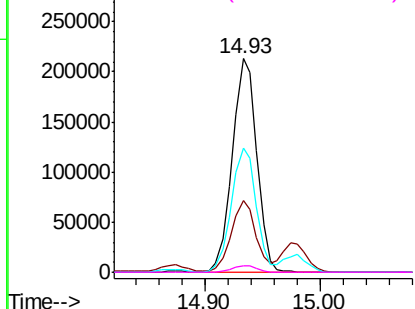


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

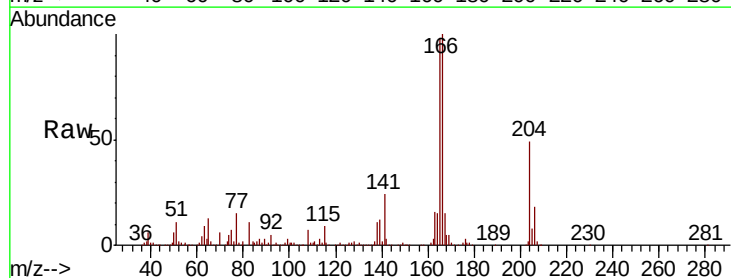
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.576 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

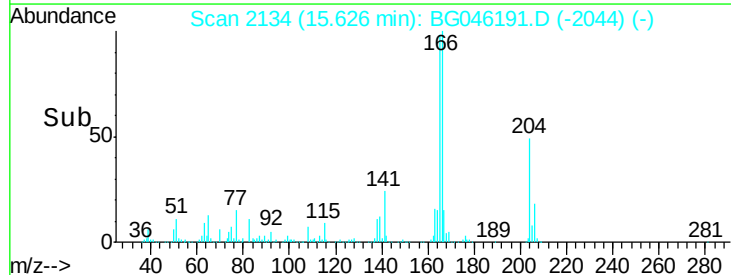
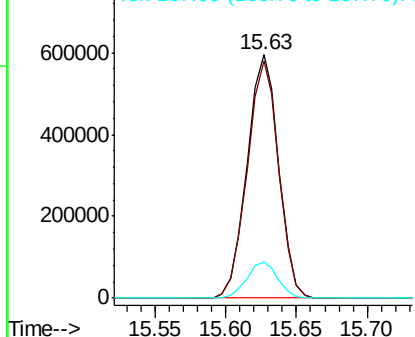
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.3	114.5
167	14.9	11.0	16.6

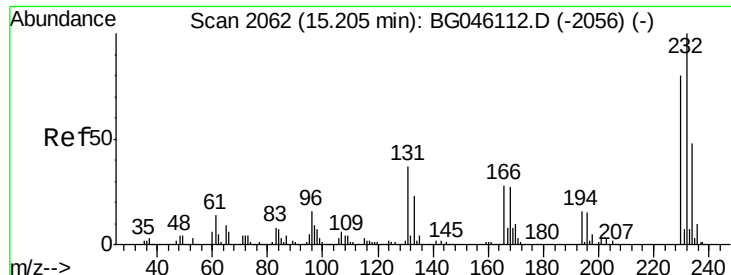


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

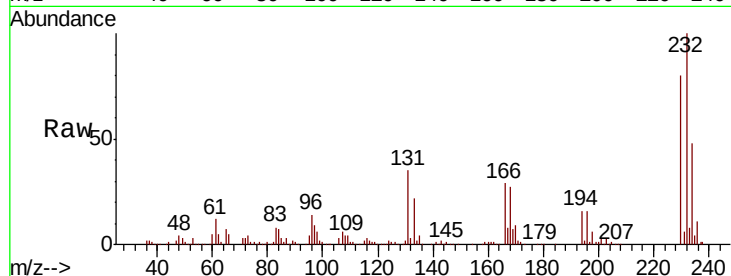




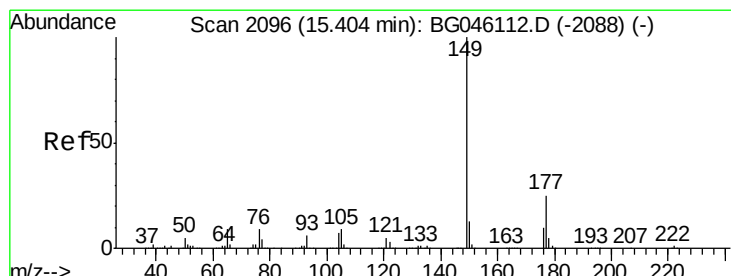
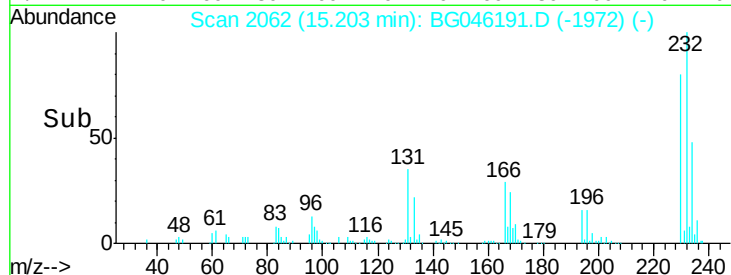
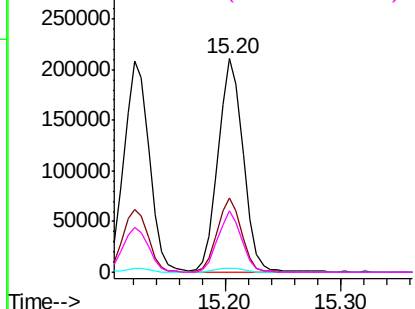
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.672 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Tot Ion:232	Resp:	316368
Ion Ratio	Lower	Upper
232	100	
131	33.8	28.6 42.8
130	1.9	1.6 2.4
166	27.1	22.5 33.7

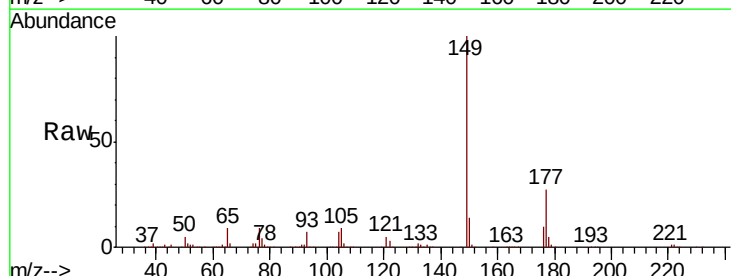


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

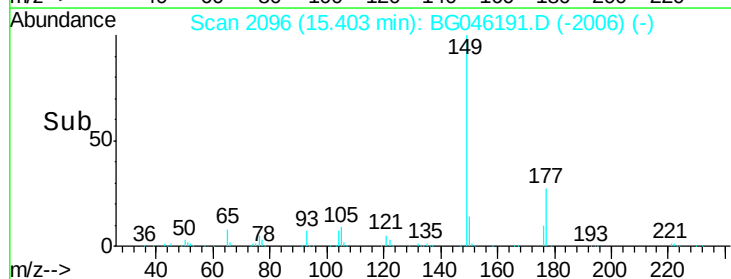
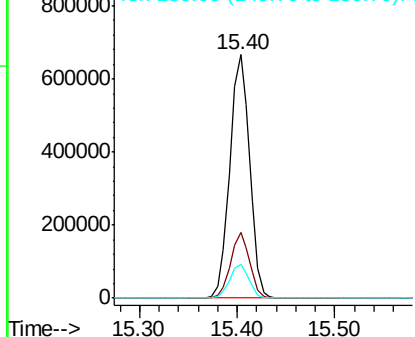


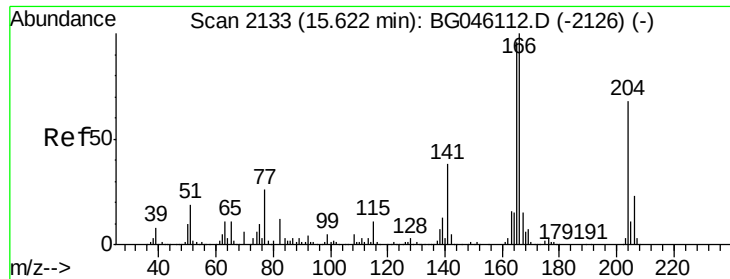
#60
 Diethylphthalate
 Concen: 41.262 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion:149	Resp:	933911
Ion Ratio	Lower	Upper
149	100	
177	27.1	19.7 29.5
150	14.0	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

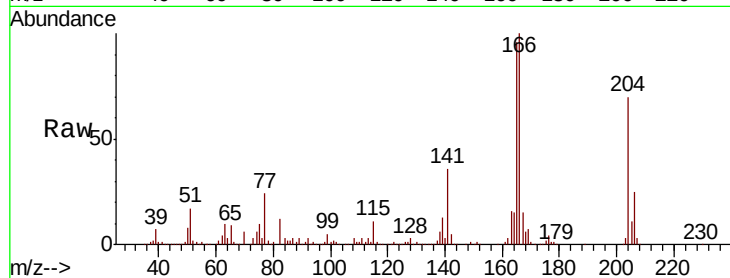




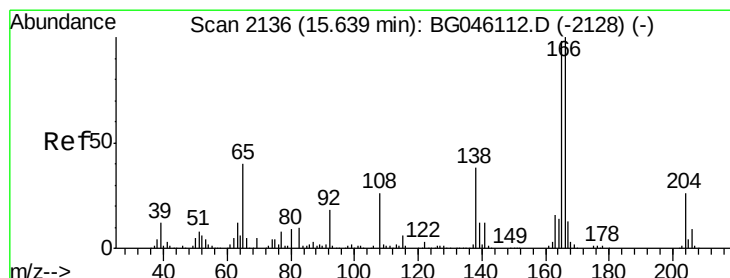
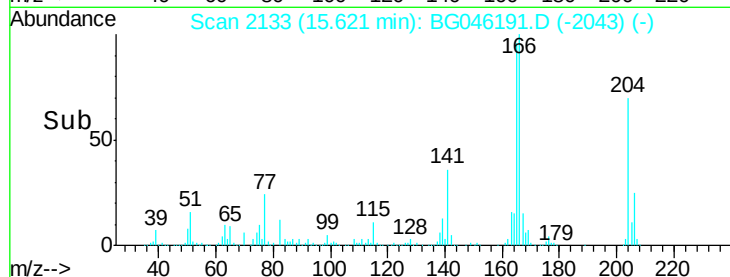
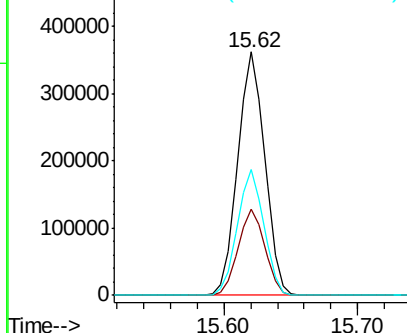
#61
4-Chlorophenyl-phenylether
Concen: 41.421 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion:204 Resp: 508206
Ion Ratio Lower Upper
204 100
206 35.3 27.7 41.5
141 51.6 44.7 67.1

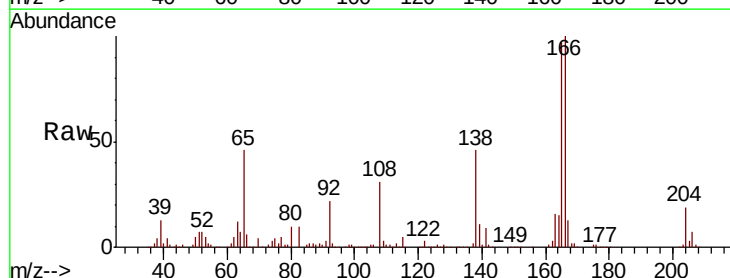


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

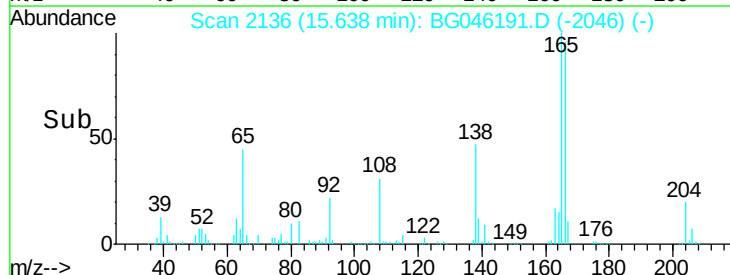
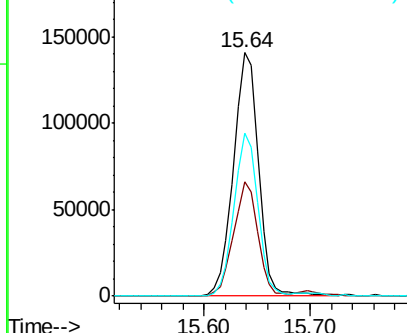


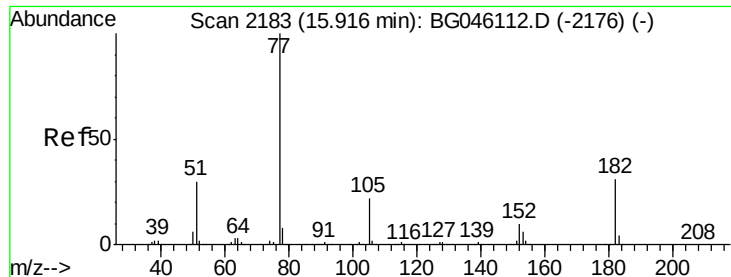
#62
4-Nitroaniline
Concen: 43.163 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:138 Resp: 230452
Ion Ratio Lower Upper
138 100
92 47.1 28.3 68.3
108 66.7 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: 37.293 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

Tot Ion: 77 Resp: 791059

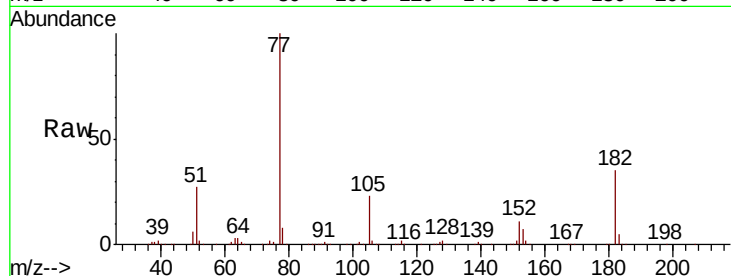
Ion Ratio Lower Upper

77 100

182 35.1 10.7 50.7

105 23.3 1.9 41.9

51 27.2 9.5 49.5

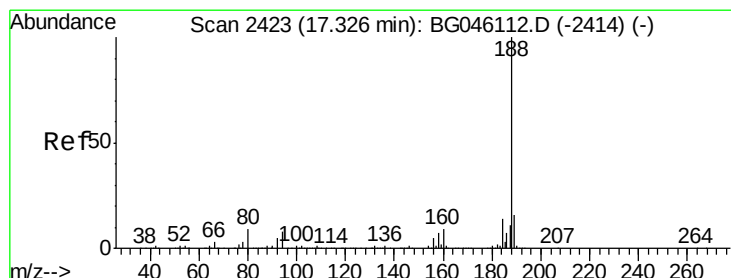
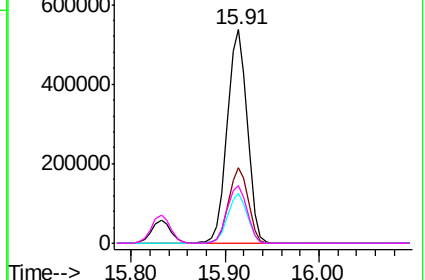
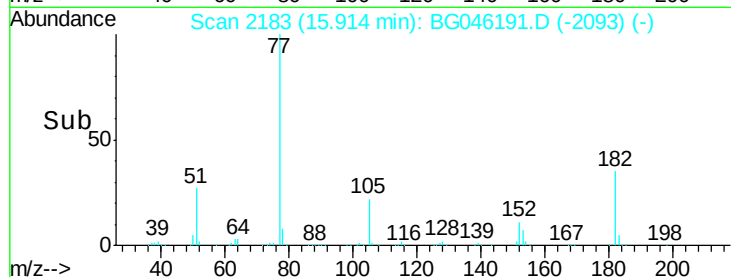


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2422

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

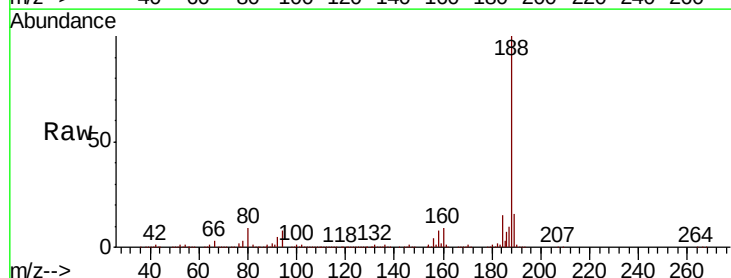
Tgt Ion: 188 Resp: 710468

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

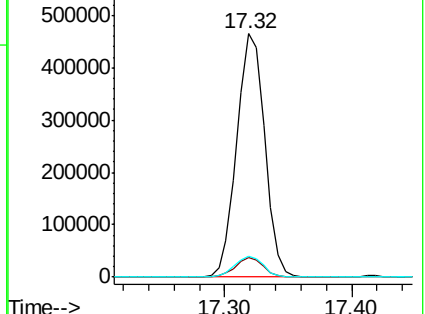
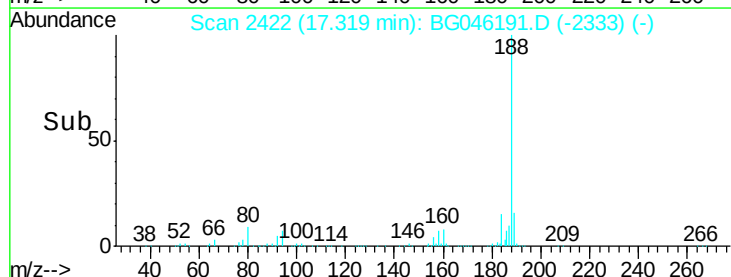
80 8.6 7.4 11.0

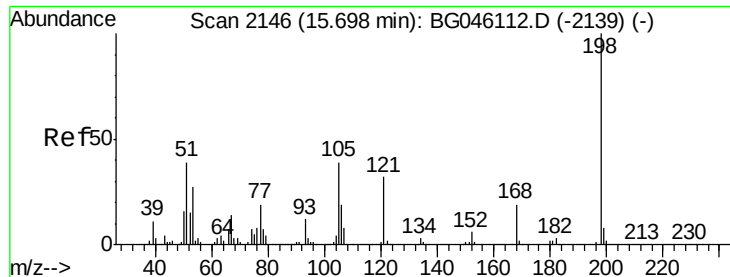


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

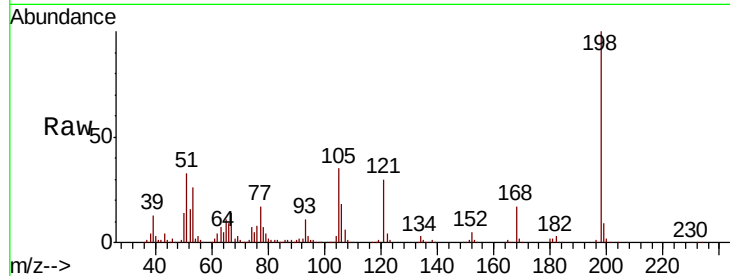




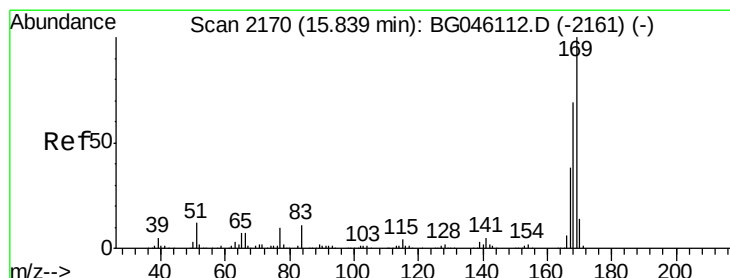
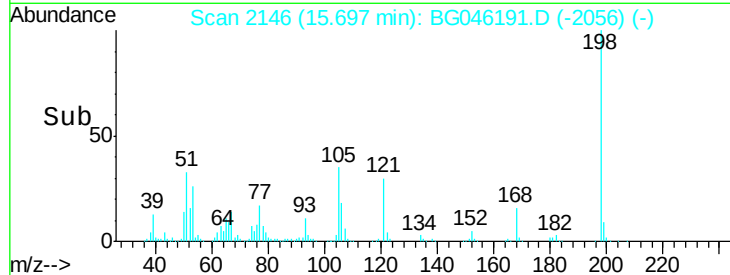
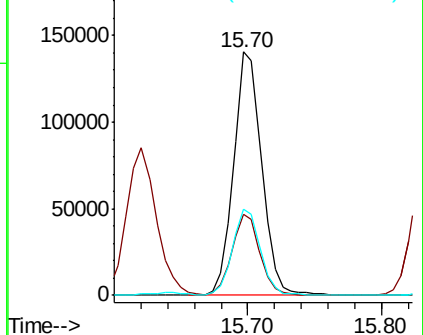
#65
4,6-Dinitro-2-methylphenol
Concen: 43.974 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.2	20.1	60.1
105	35.2	19.2	59.2

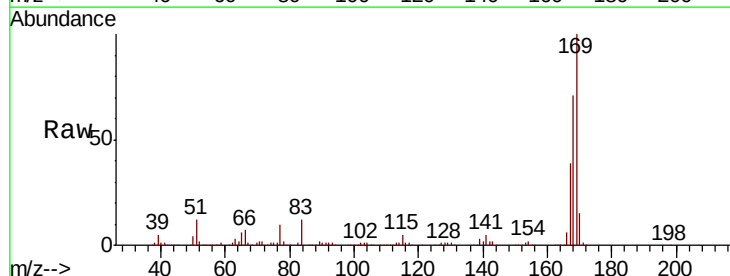


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

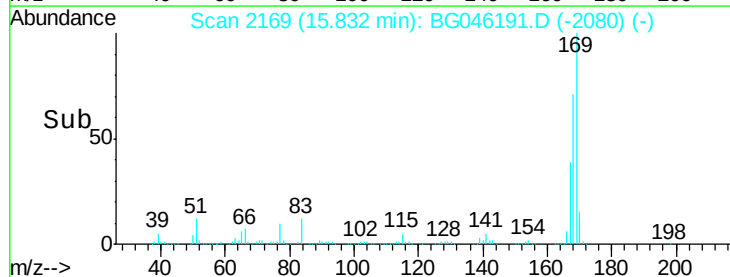
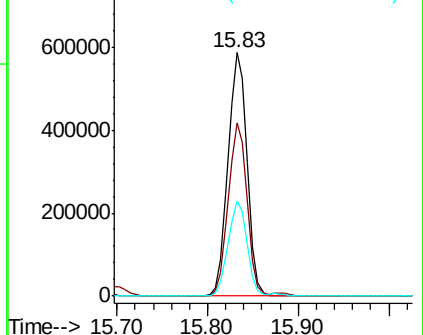


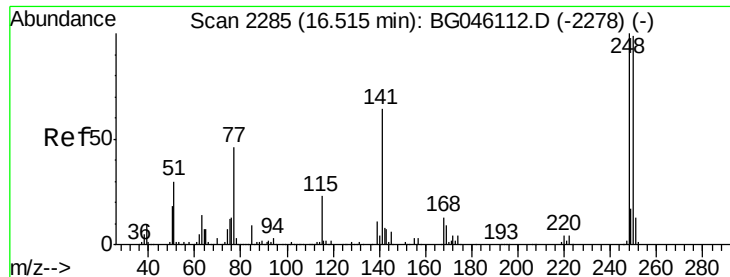
#66
n-Nitrosodiphenylamine
Concen: 39.777 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.1	55.1	82.7
167	39.2	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

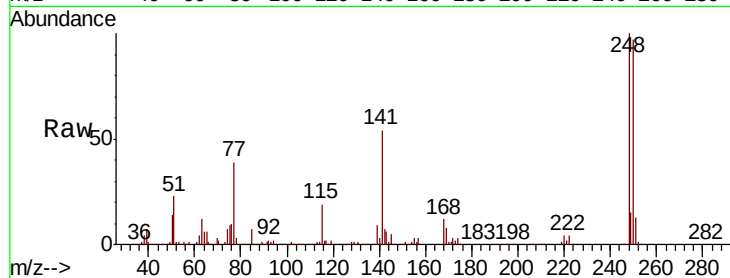




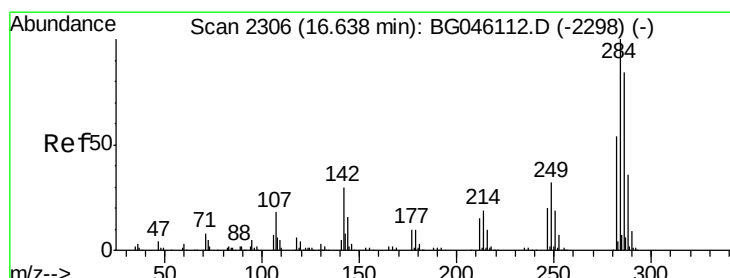
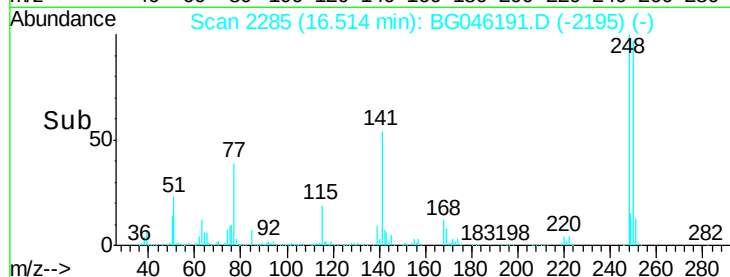
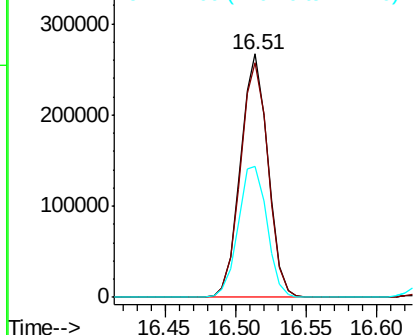
#67
4-Bromophenyl-phenylether
Concen: 41.189 ng
RT: 16.51 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion:248 Resp: 361524
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.0
141 53.8 50.9 76.3

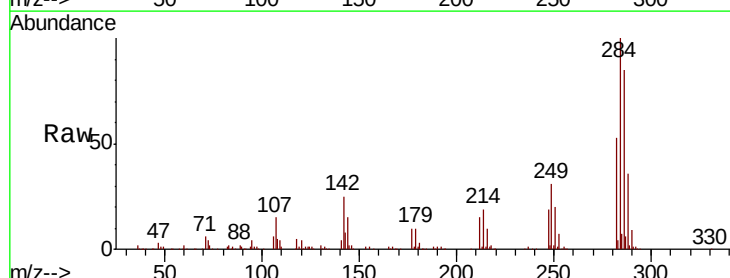


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

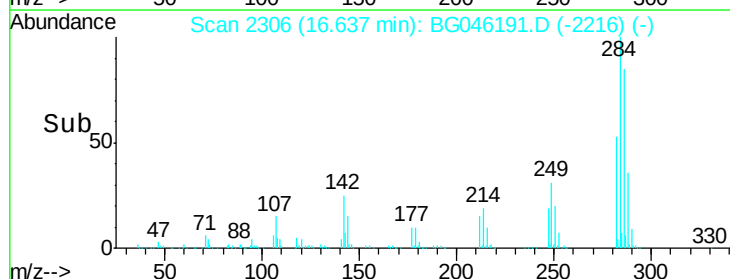
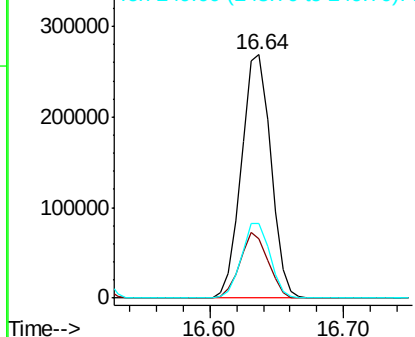


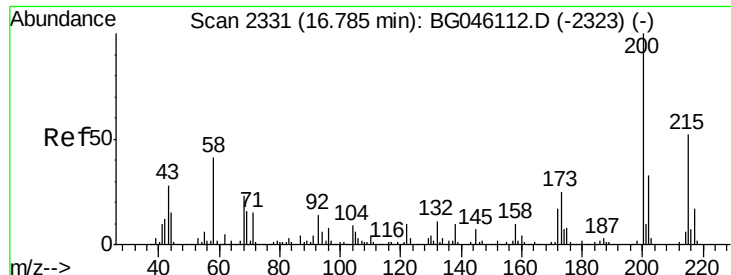
#68
Hexachlorobenzene
Concen: 41.505 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:284 Resp: 408491
Ion Ratio Lower Upper
284 100
142 24.6 23.6 35.4
249 30.9 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.711 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

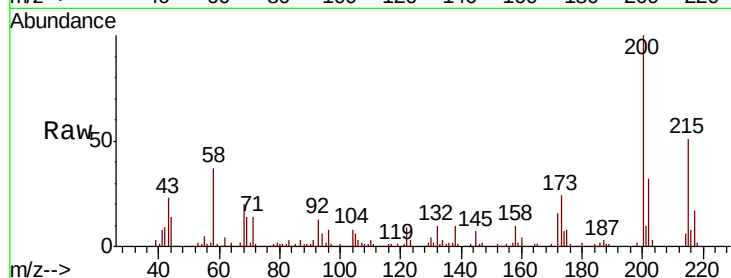
Tot Ion:200 Resp: 320577

Ion Ratio Lower Upper

200 100

173 24.4 5.3 45.3

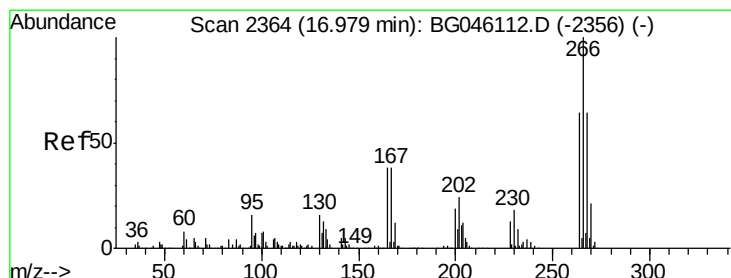
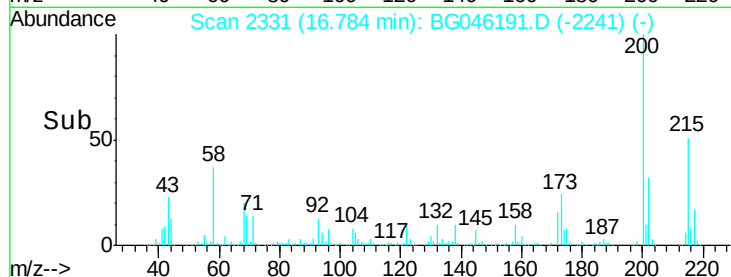
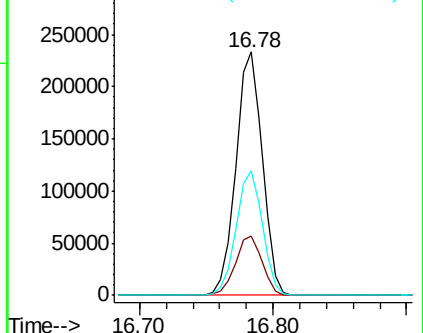
215 51.2 31.5 71.5



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: 86.957 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

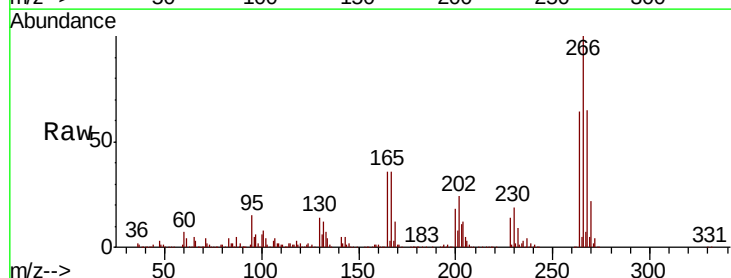
Tgt Ion:266 Resp: 555305

Ion Ratio Lower Upper

266 100

268 65.4 51.2 76.8

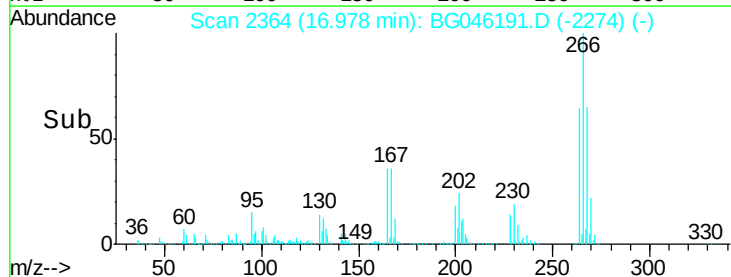
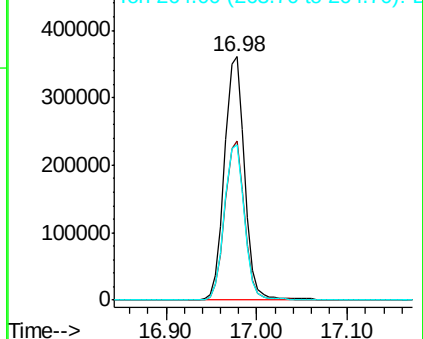
264 63.9 51.1 76.7

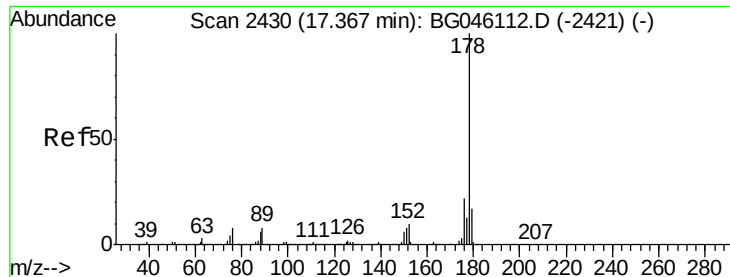


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

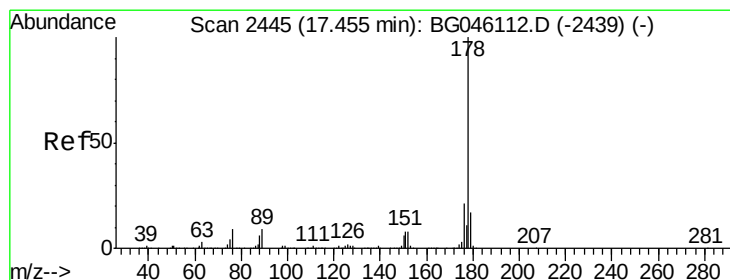
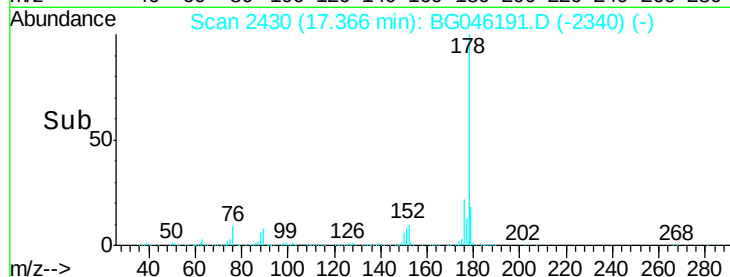
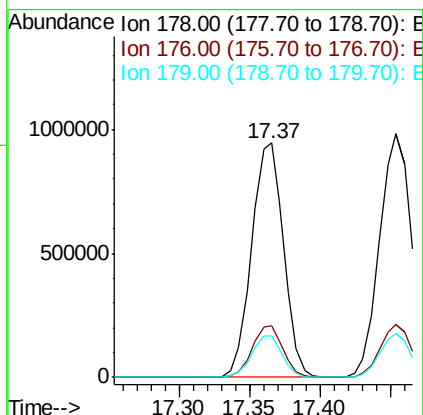
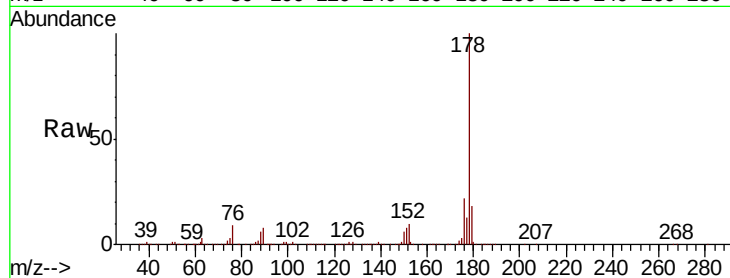




#71
Phenanthrene
Concen: 38.621 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

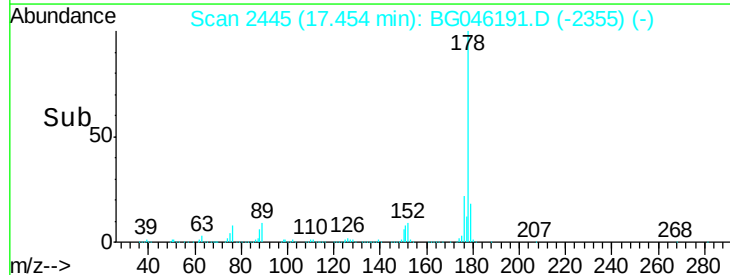
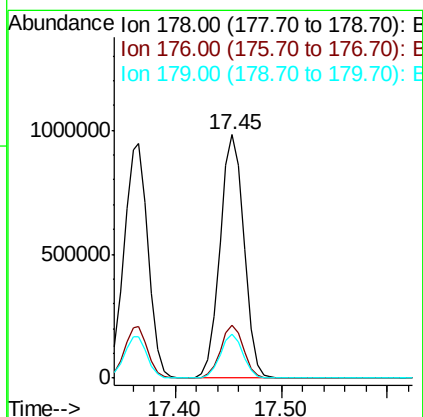
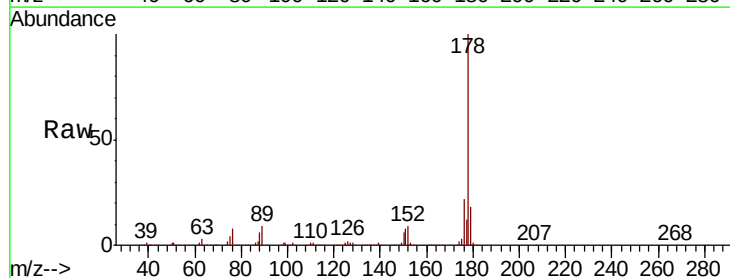
Instrument :
BNA_G
ClientSampleId :
PB130804BS

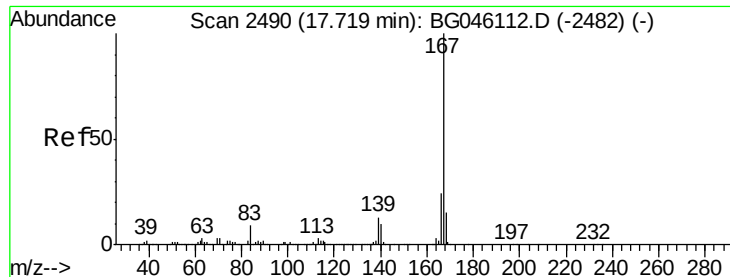
Tot Ion:178 Resp: 1503072
Ion Ratio Lower Upper
178 100
176 21.8 17.3 25.9
179 17.6 13.8 20.6



#72
Anthracene
Concen: 39.994 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:178 Resp: 1548222
Ion Ratio Lower Upper
178 100
176 21.5 16.6 24.8
179 18.2 13.4 20.2





#73

Carbazole

Concen: 38.385 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

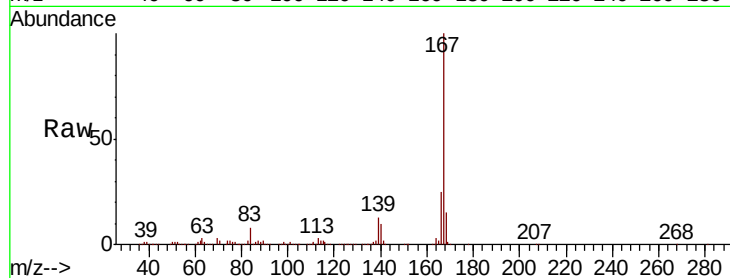
Tot Ion:167 Resp: 1432812

Ion Ratio Lower Upper

167 100

166 25.2 19.4 29.0

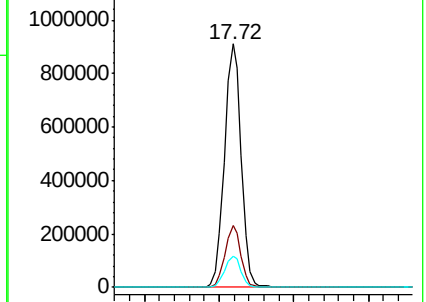
139 13.0 10.1 15.1



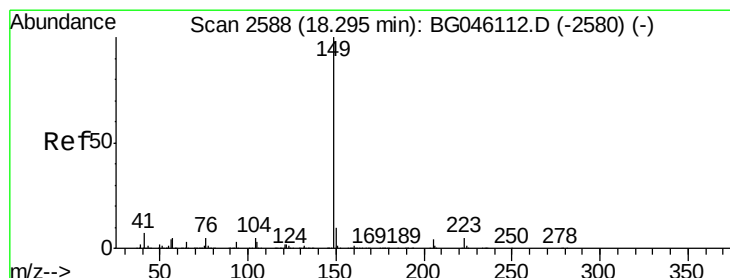
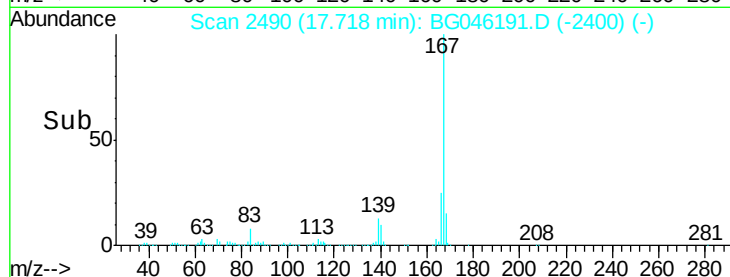
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 41.107 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

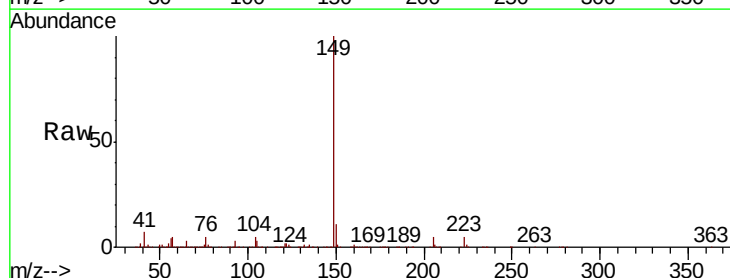
Tgt Ion:149 Resp: 1603895

Ion Ratio Lower Upper

149 100

150 10.9 8.4 12.6

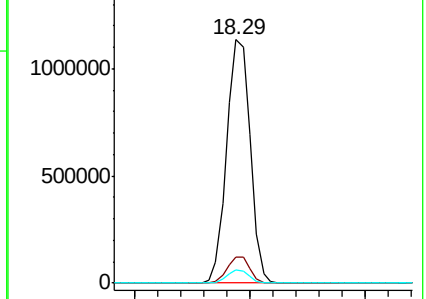
104 5.3 4.2 6.2



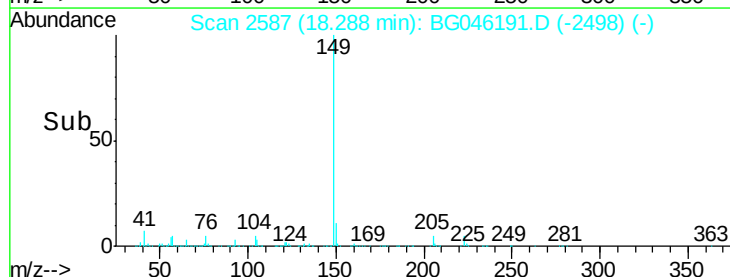
Abundance Ion 149.00 (148.70 to 149.70): E

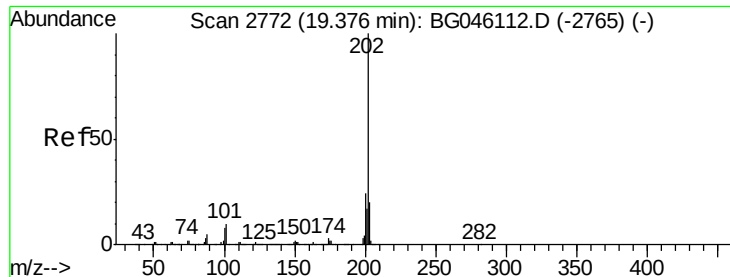
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

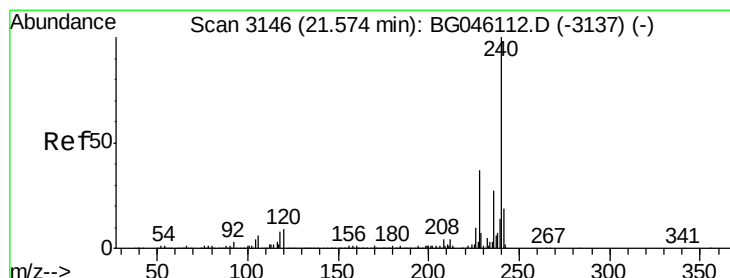
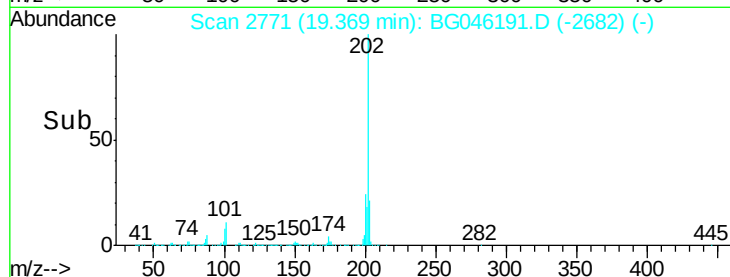
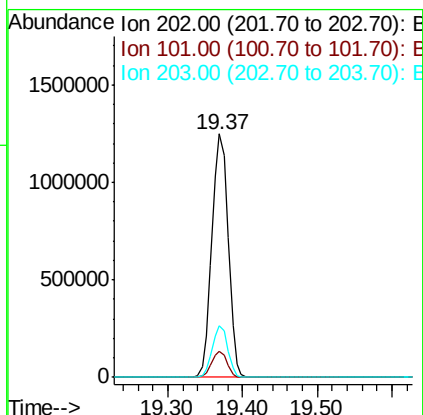
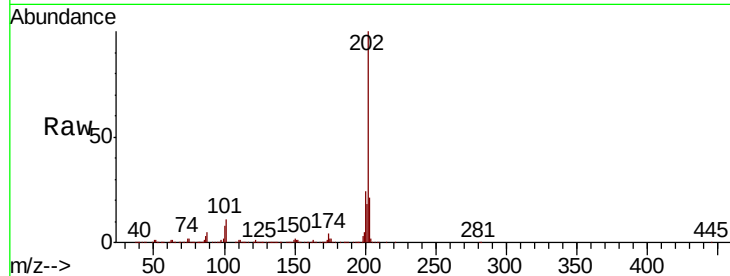




#75
Fluoranthene
Concen: 38.920 ng
RT: 19.37 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

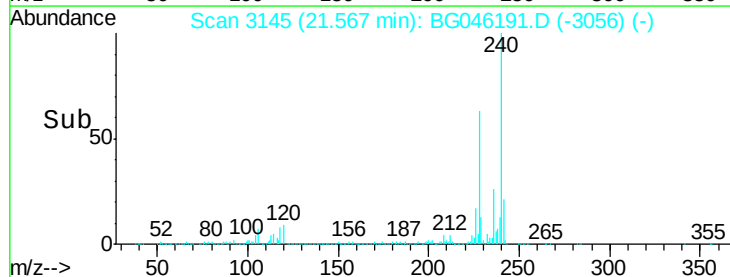
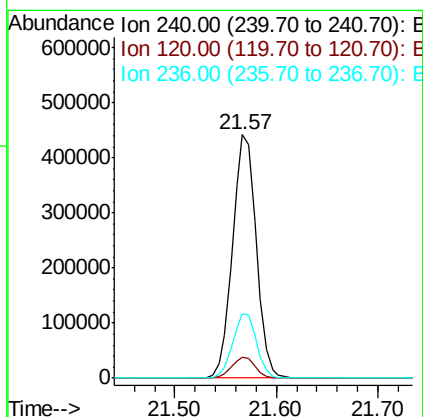
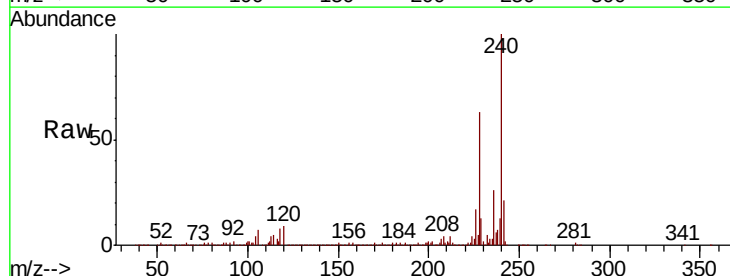
Instrument :
BNA_G
ClientSampleId :
PB130804BS

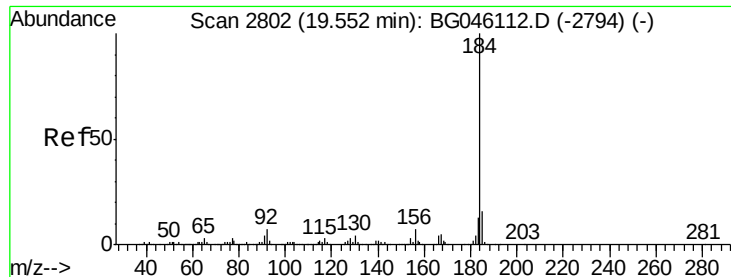
Tot Ion:202 Resp: 1891009
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.0
203 21.2 0.2 40.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:240 Resp: 716826
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.5 21.7 32.5

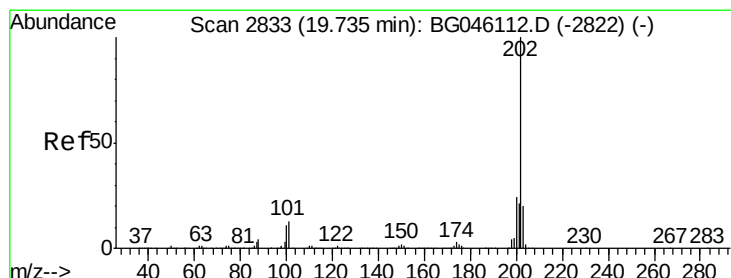
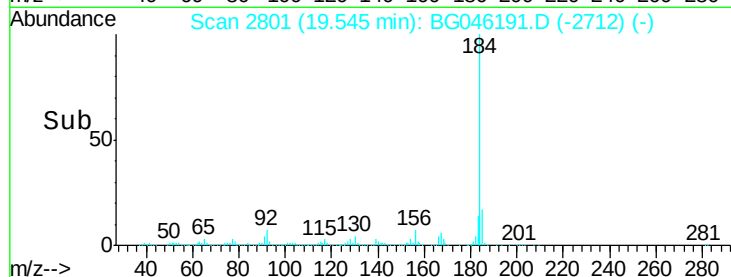
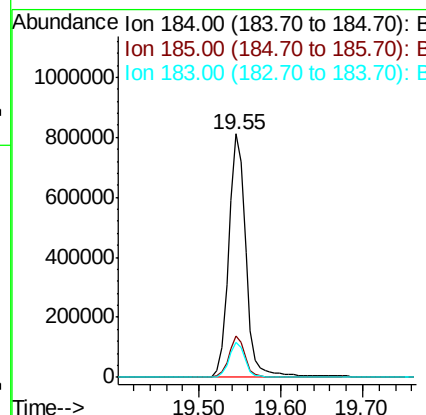
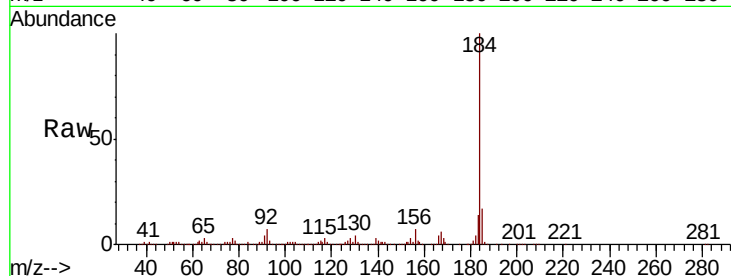




#77
Benzidine
Concen: 58.334 ng
RT: 19.55 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

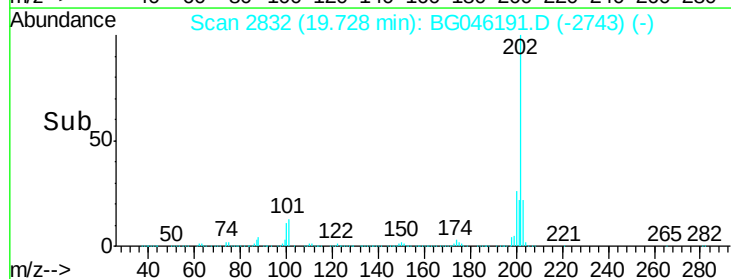
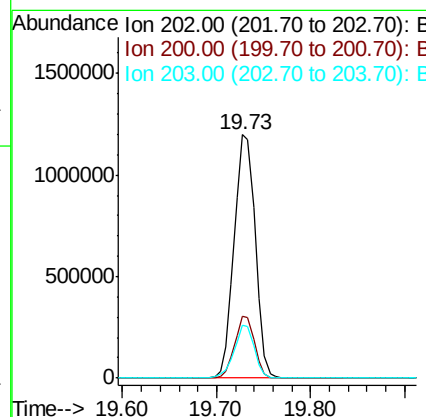
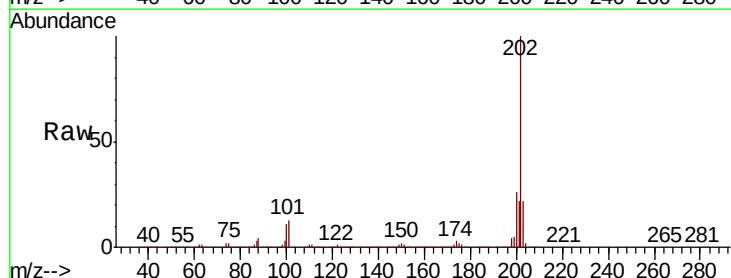
Instrument :
BNA_G
ClientSampleId :
PB130804BS

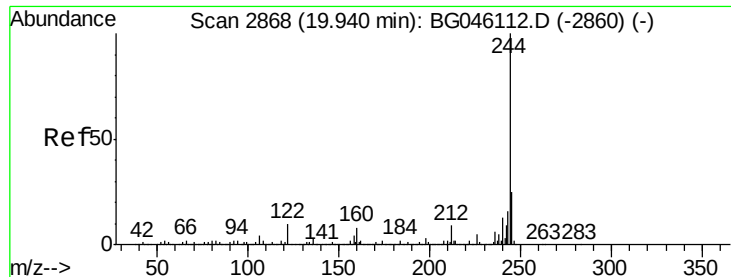
Tot Ion:184 Resp: 1184453
Ion Ratio Lower Upper
184 100
185 17.0 13.0 19.4
183 14.2 10.5 15.7



#78
Pyrene
Concen: 38.910 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:202 Resp: 1874071
Ion Ratio Lower Upper
202 100
200 25.5 19.5 29.3
203 21.9 16.2 24.2





#79

Terphenyl-d14

Concen: 67.773 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

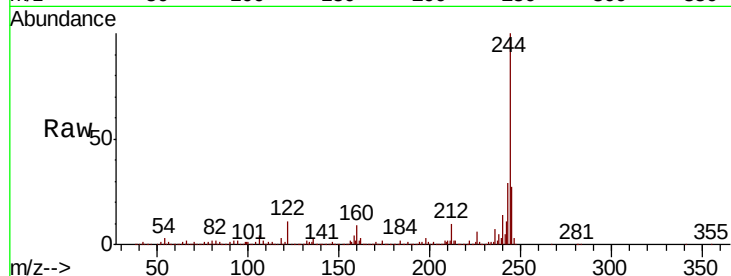
Tot Ion:244 Resp: 2385381

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

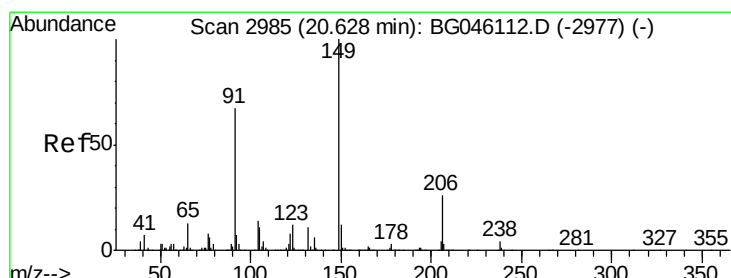
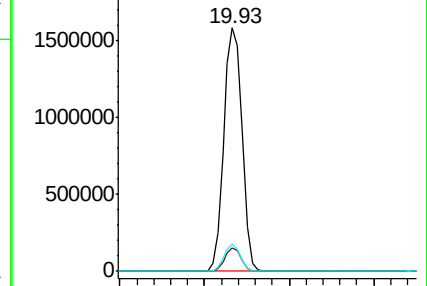
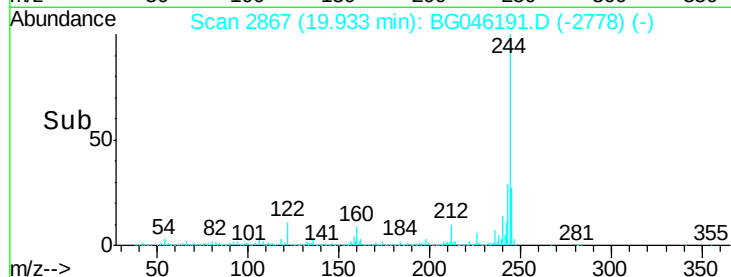
122 11.3 8.3 12.5



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: 42.304 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

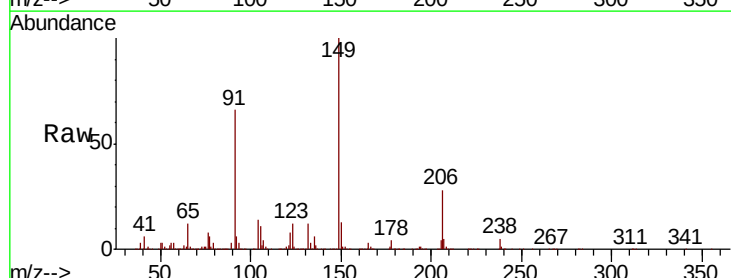
Tgt Ion:149 Resp: 738085

Ion Ratio Lower Upper

149 100

91 65.8 53.8 80.8

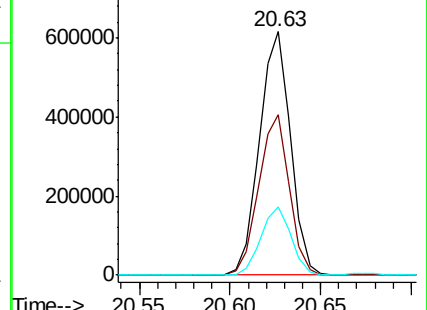
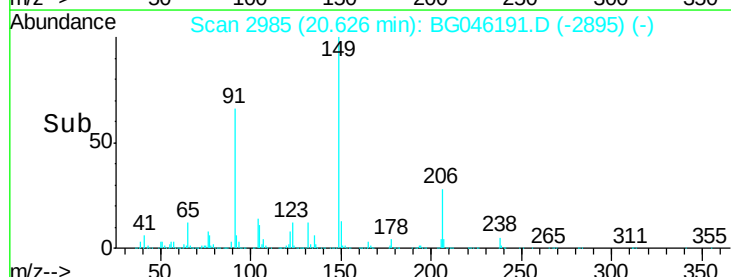
206 27.9 20.4 30.6

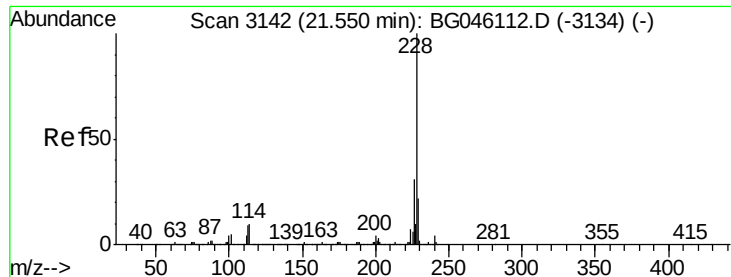


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.361 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

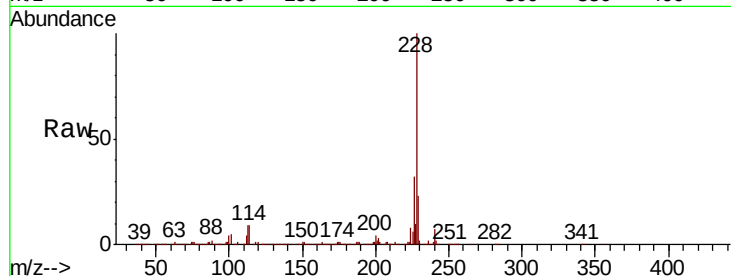
Tot Ion:228 Resp: 1840195

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.7	37.1
229	23.5	17.8	26.8

228 100

226 32.0 24.7 37.1

229 23.5 17.8 26.8

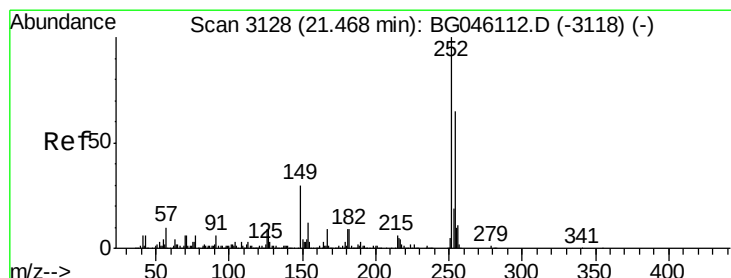
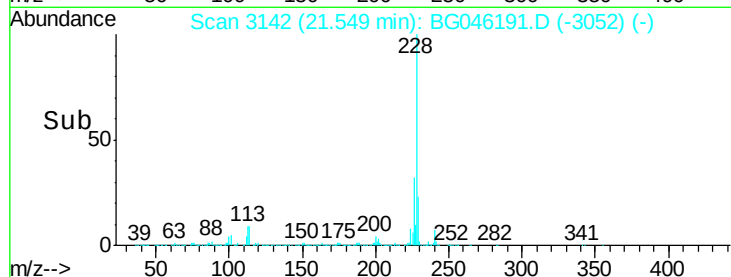
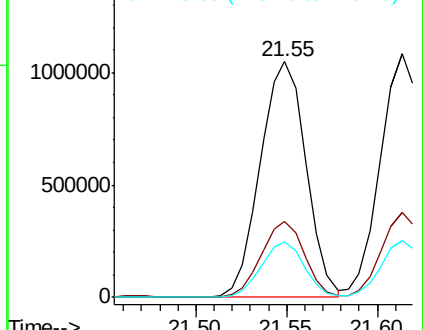


Abundance

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: 28.656 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

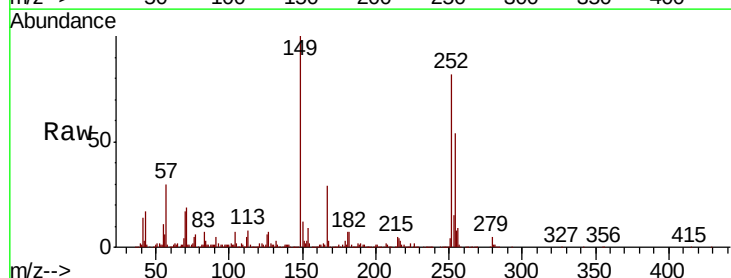
Tgt Ion:252 Resp: 570827

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.8	77.8
126	7.6	7.1	10.7

252 100

254 66.1 51.8 77.8

126 7.6 7.1 10.7

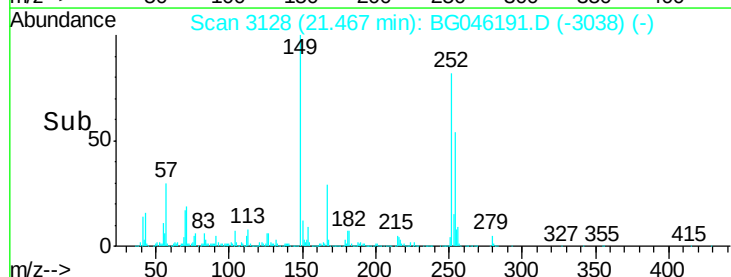
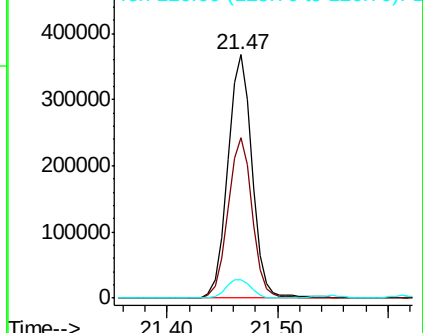


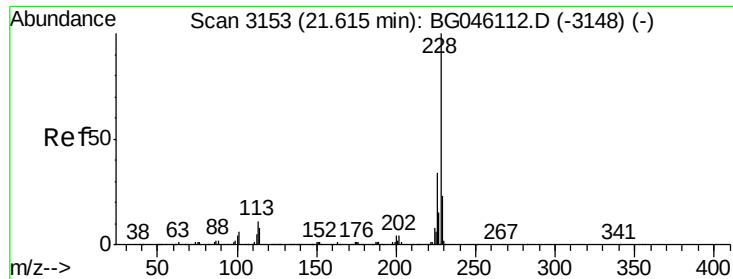
Abundance

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: 37.814 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

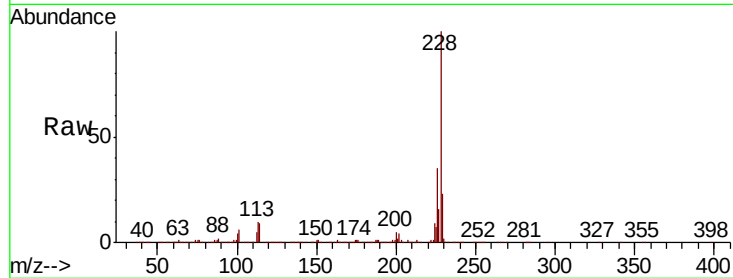
Tot Ion:228 Resp: 1776960

Ion	Ratio	Lower	Upper
228	100		
226	34.9	26.9	40.3
229	23.1	18.2	27.4

228 100

226 34.9 26.9 40.3

229 23.1 18.2 27.4

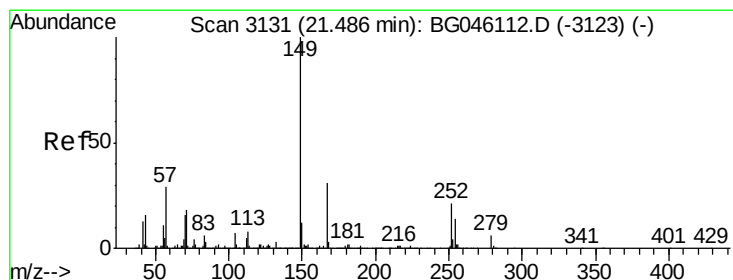
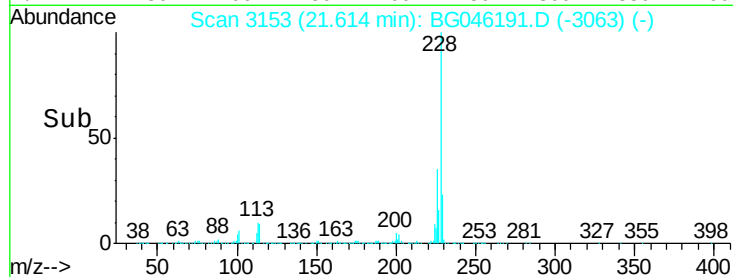
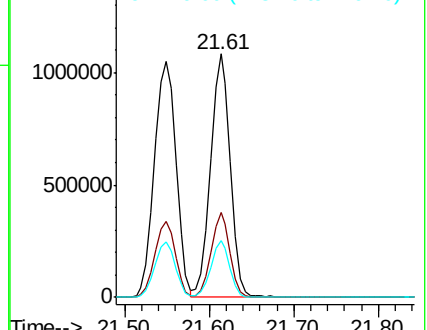


Abundance

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: 41.158 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

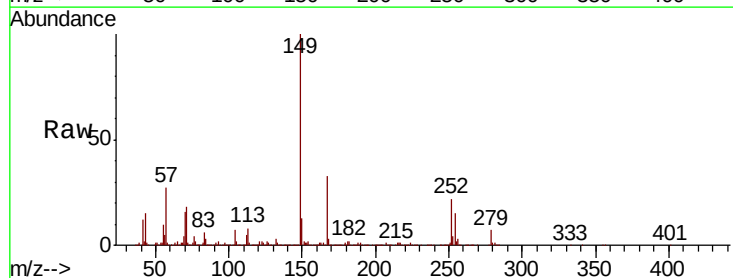
Tgt Ion:149 Resp: 1026621

Ion	Ratio	Lower	Upper
149	100		
167	32.7	24.8	37.2
279	6.7	4.6	6.8

149 100

167 32.7 24.8 37.2

279 6.7 4.6 6.8

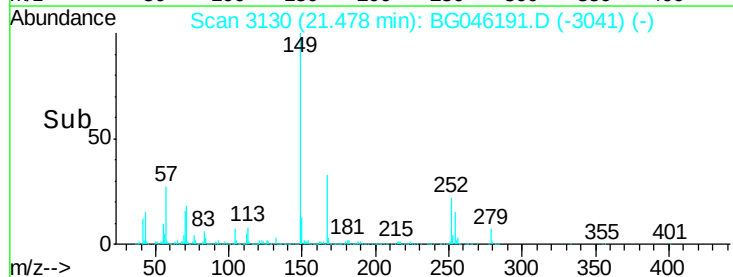
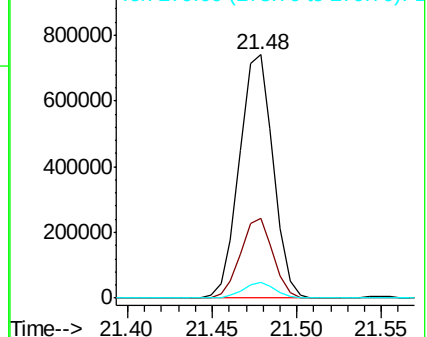


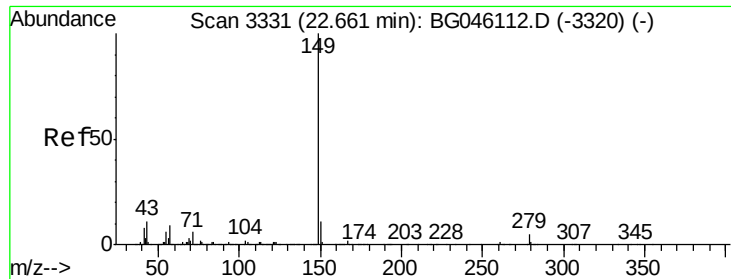
Abundance

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: 42.040 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

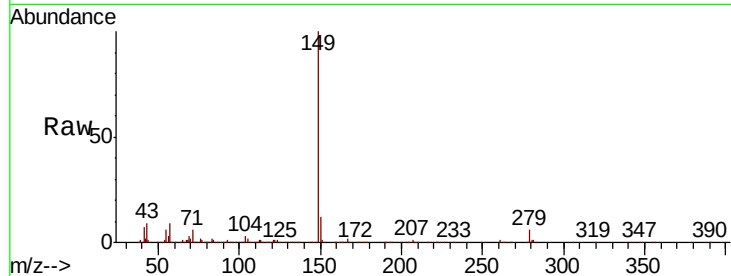
Tot Ion:149 Resp: 1775514

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

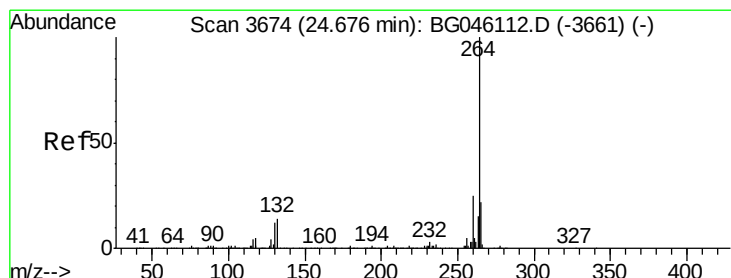
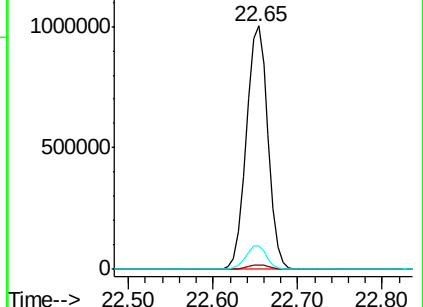
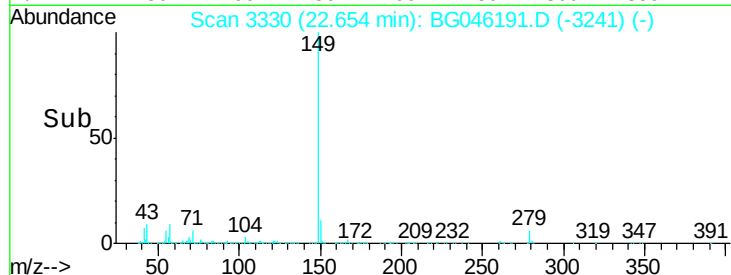
43 9.1 7.8 11.8



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: BG046191.D

Acq: 7 Aug 2020 13:30

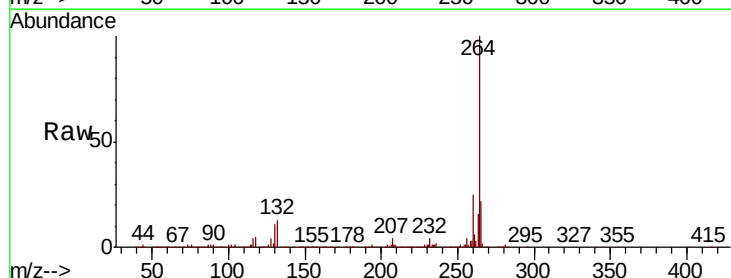
Tgt Ion:264 Resp: 787230

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

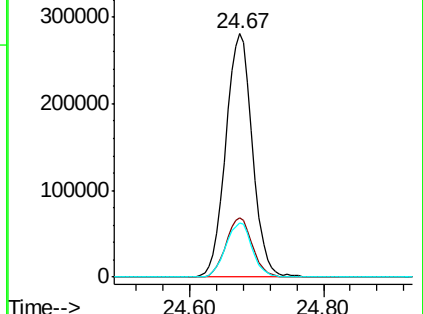
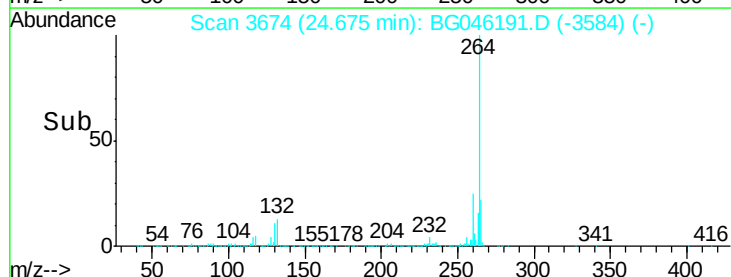
265 22.1 17.6 26.4

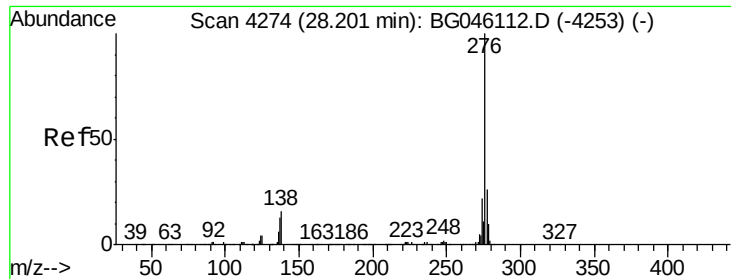


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

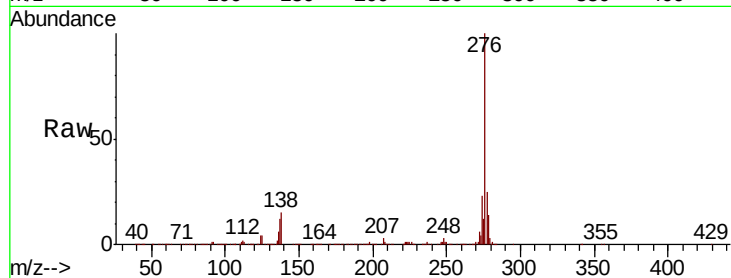




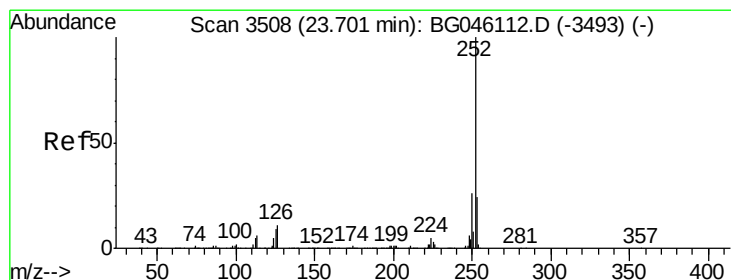
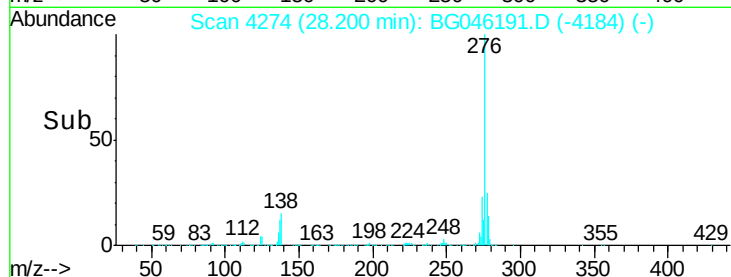
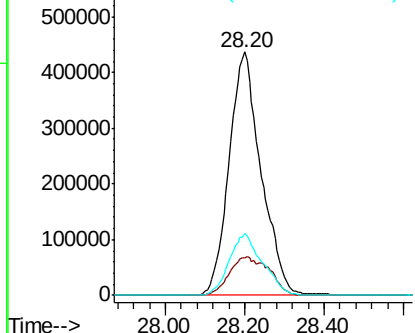
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.878 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Tot Ion:276 Resp: 2454251
 Ion Ratio Lower Upper
 276 100
 138 19.6 11.6 17.4#
 277 26.5 20.8 31.2

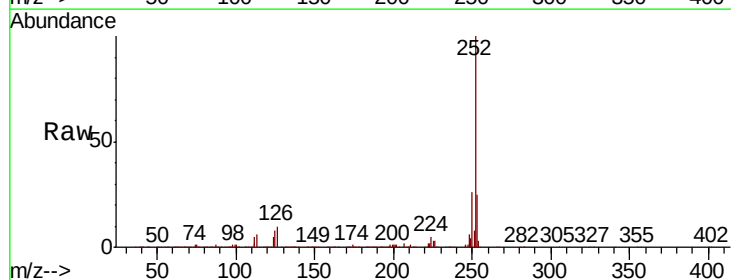


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

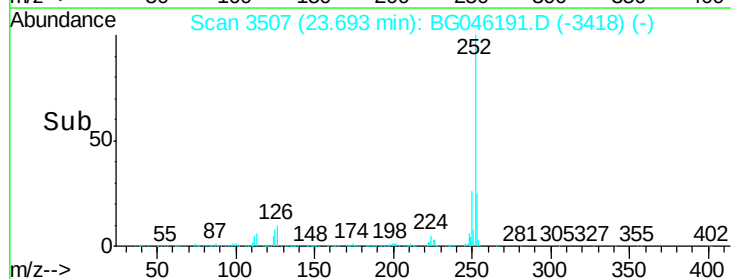
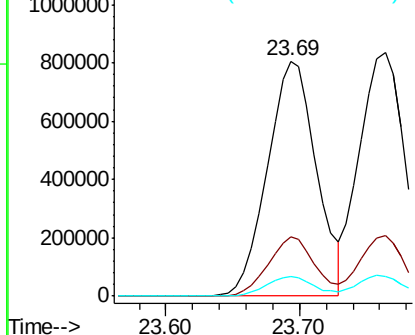


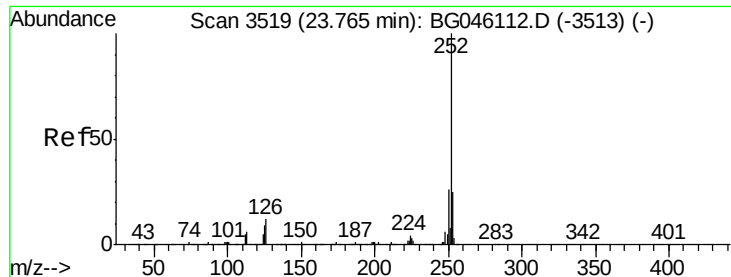
#88
 Benzo(b)fluoranthene
 Concen: 38.892 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion:252 Resp: 2051692
 Ion Ratio Lower Upper
 252 100
 253 25.0 19.2 28.8
 125 8.3 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.900 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

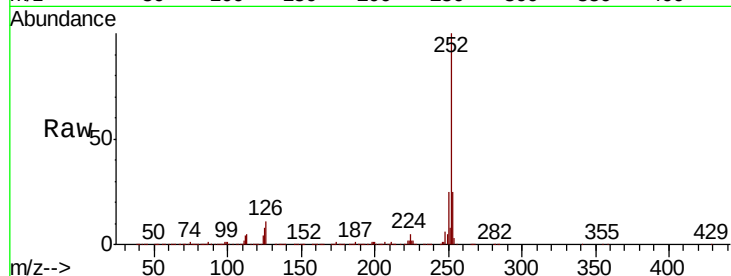
Tot Ion:252 Resp: 1961048

Ion Ratio Lower Upper

252 100

253 24.7 19.5 29.3

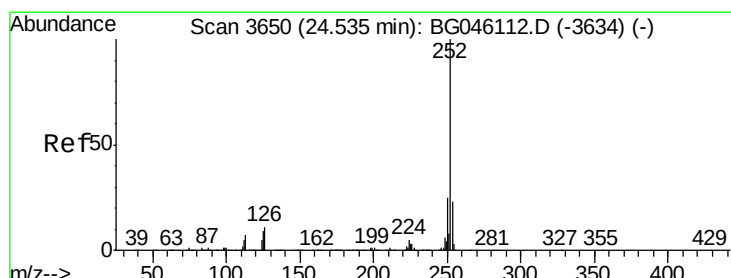
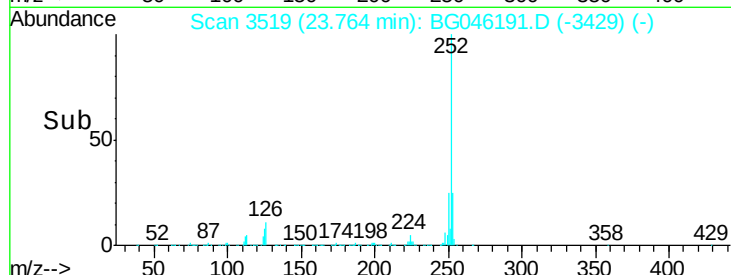
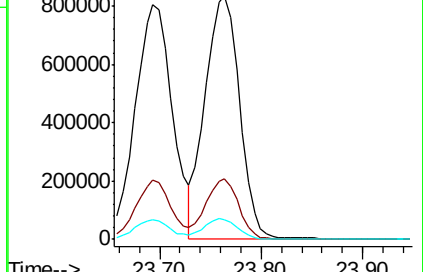
125 8.1 7.3 10.9



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: 38.702 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

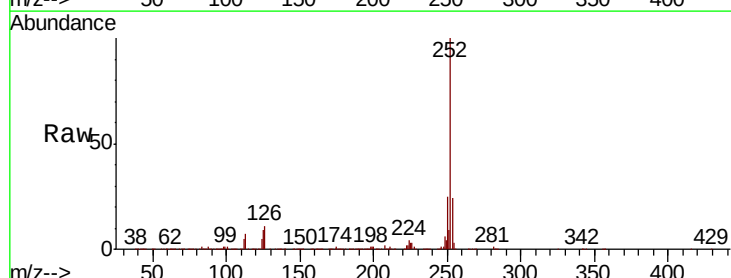
Tgt Ion:252 Resp: 1899829

Ion Ratio Lower Upper

252 100

253 24.4 18.6 27.8

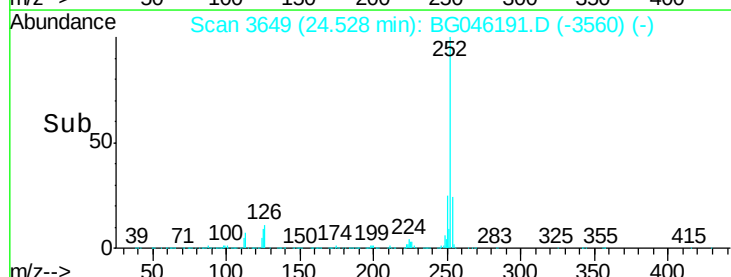
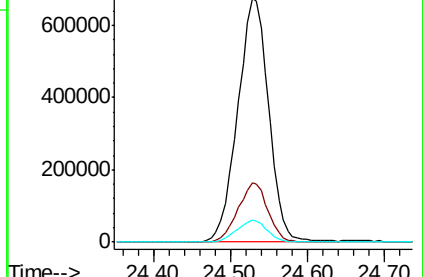
125 9.0 7.1 10.7

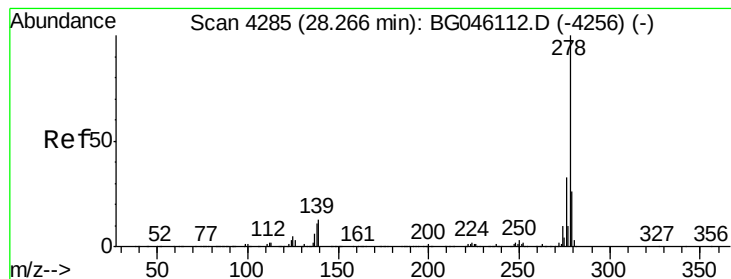


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.995 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

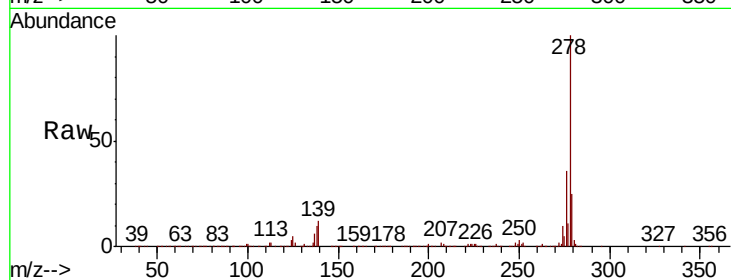
Tot Ion:278 Resp: 2007371

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.8	16.2
279	24.9	20.5	30.7

278 100

139 12.3 10.8 16.2

279 24.9 20.5 30.7

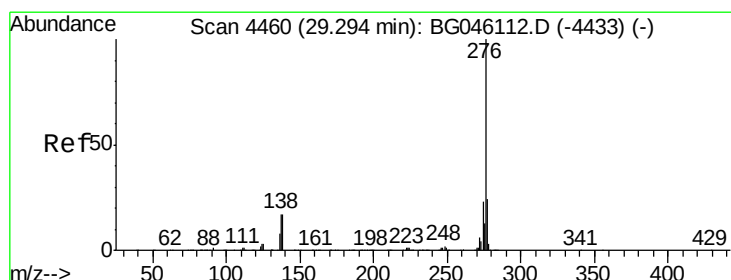
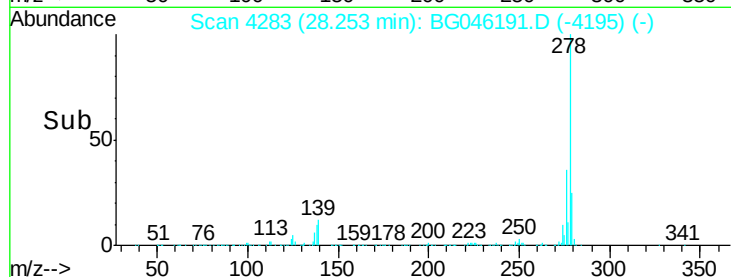
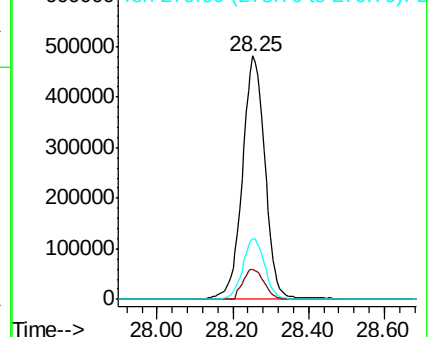


Abundance

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: 40.288 ng

RT: 29.30 min Scan# 4461

Delta R.T. 0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

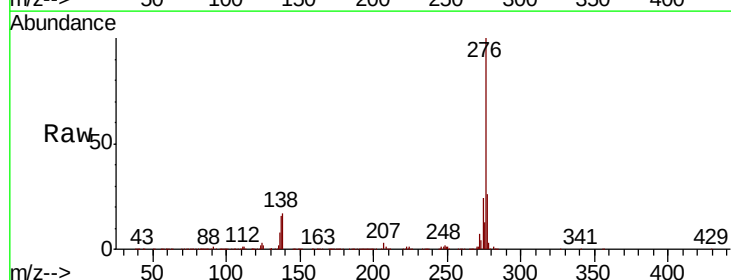
Tgt Ion:276 Resp: 2042110

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.5	29.3
138	17.4	13.8	20.6

276 100

277 25.8 19.5 29.3

138 17.4 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

