

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046643.D
 Acq On : 16 Sep 2020 16:40
 Operator : CG/JU
 Sample : PB131657BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

Quant Time: Sep 16 17:34:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69502	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	303528	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	201804	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	408468	20.00	ng	0.00
76) Chrysene-d12	21.55	240	435588	20.00	ng	0.00
86) Perylene-d12	24.64	264	438181	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	407863	103.94	ng	0.00
7) Phenol-d6	7.10	99	565646	101.68	ng	0.00
23) Nitrobenzene-d5	9.08	82	342771	64.54	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	220910	80.79	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	944769	71.47	ng	0.00
79) Terphenyl-d14	19.91	244	1297107	63.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	33774	20.688	ng	99
3) Pyridine	3.80	79	120075	25.139	ng	99
4) n-Nitrosodimethylamine	3.71	42	56486	32.064	ng	98
6) Aniline	7.25	93	215779	34.471	ng	99
8) 2-Chlorophenol	7.49	128	179459	43.271	ng	98
9) Benzaldehyde	7.06	77	45683	14.658	ng	98
10) Phenol	7.12	94	229087	44.713	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	155130	37.668	ng	99
12) 1,3-Dichlorobenzene	7.81	146	170436	32.368	ng	99
13) 1,4-Dichlorobenzene	7.96	146	171588	32.550	ng	98
14) 1,2-Dichlorobenzene	8.27	146	172330	34.094	ng	99
15) Benzyl Alcohol	8.16	79	155295	43.483	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	233965	36.625	ng	99
17) 2-Methylphenol	8.37	107	165783	45.625	ng	98
18) Hexachloroethane	9.00	117	57608	32.231	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	135815	40.817	ng	99
20) 3+4-Methylphenols	8.70	107	228464	45.553	ng	98
22) Acetophenone	8.74	105	256380	34.700	ng	100
24) Nitrobenzene	9.12	77	189689	36.155	ng	99
25) Isophorone	9.64	82	375454	38.562	ng	98
26) 2-Nitrophenol	9.83	139	105755	38.205	ng	97
27) 2,4-Dimethylphenol	9.90	122	182405	47.910	ng	96
28) bis(2-Chloroethoxy)methane	10.12	93	236915	37.805	ng	100
29) 2,4-Dichlorophenol	10.37	162	209177	41.214	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	203357	33.769	ng	99
31) Naphthalene	10.76	128	539147	36.379	ng	99
32) Benzoic acid	10.05	122	40415	19.843	ng	98
33) 4-Chloroaniline	10.88	127	173379	26.531	ng	98
34) Hexachlorobutadiene	11.06	225	125964	32.222	ng	96
35) Caprolactam	11.65	113	36386	19.179	ng	98
36) 4-Chloro-3-methylphenol	12.01	107	196736	39.632	ng	95
37) 2-Methylnaphthalene	12.37	142	440336	37.673	ng	100
38) 1-Methylnaphthalene	12.59	142	414129	37.405	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	260271	39.111	ng	99

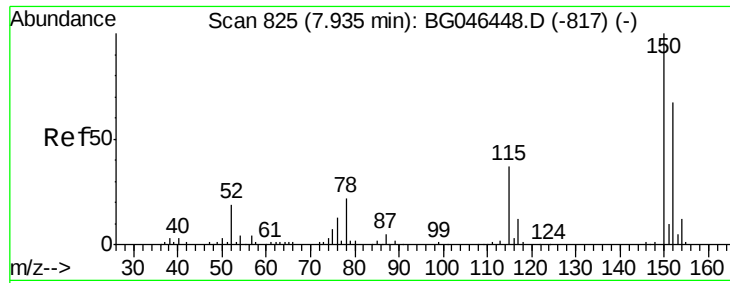
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046643.D
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 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	267109	92.309	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	172580	38.429	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	184721	39.149	ng	99
46) 1,1'-Biphenyl	13.39	154	578998	41.238	ng	99
47) 2-Chloronaphthalene	13.43	162	448615	37.685	ng	99
48) 2-Nitroaniline	13.63	65	115556	34.958	ng	97
49) Acenaphthylene	14.27	152	704111	38.992	ng	99
50) Dimethylphthalate	14.01	163	560061	35.872	ng	100
51) 2,6-Dinitrotoluene	14.13	165	126466	36.747	ng	99
52) Acenaphthene	14.62	154	423945	37.886	ng	99
53) 3-Nitroaniline	14.45	138	94991	25.481	ng	96
54) 2,4-Dinitrophenol	14.67	184	106870	53.199	ng	97
55) Dibenzofuran	14.95	168	683510	38.061	ng	100
56) 4-Nitrophenol	14.78	139	170657	62.202	ng	98
57) 2,4-Dinitrotoluene	14.92	165	168445	34.326	ng	99
58) Fluorene	15.60	166	554635	36.798	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	159545	34.821	ng	98
60) Diethylphthalate	15.37	149	522214	34.306	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	300321	36.179	ng	96
62) 4-Nitroaniline	15.62	138	117099	29.770	ng	99
63) Azobenzene	15.89	77	451608	36.472	ng	97
65) 4,6-Dinitro-2-methylphenol	15.68	198	94183	40.737	ng	96
66) n-Nitrosodiphenylamine	15.81	169	480522	43.606	ng	100
67) 4-Bromophenyl-phenylether	16.49	248	199002	41.759	ng	97
68) Hexachlorobenzene	16.61	284	208888	39.579	ng	99
69) Atrazine	16.76	200	137235	30.527	ng	98
70) Pentachlorophenol	16.96	266	181447	65.802	ng	98
71) Phenanthrene	17.34	178	826145	39.903	ng	99
72) Anthracene	17.43	178	848829	41.554	ng	100
73) Carbazole	17.70	167	766425	39.739	ng	99
74) Di-n-butylphthalate	18.26	149	839273	37.843	ng	99
75) Fluoranthene	19.35	202	1040577	39.055	ng	99
77) Benzidine	19.52	184	365128	36.074	ng	99
78) Pyrene	19.71	202	1048999	37.818	ng	98
80) Butylbenzylphthalate	20.60	149	401710	37.129	ng	98
81) Benzo(a)anthracene	21.52	228	1038612	38.254	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	300728	29.847	ng	99
83) Chrysene	21.59	228	1003125	38.410	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	578054	39.151	ng	98
85) Di-n-octyl phthalate	22.61	149	996874	39.431	ng	99
87) Indeno(1,2,3-cd)pyrene	28.14	276	1243010	39.497	ng	100
88) Benzo(b)fluoranthene	23.66	252	1076296	39.337	ng	99
89) Benzo(k)fluoranthene	23.73	252	1065370	40.290	ng	100
90) Benzo(a)pyrene	24.49	252	987709	38.683	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1047599	41.250	ng	99
92) Benzo(g,h,i)perylene	29.24	276	1042926	41.124	ng	99

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

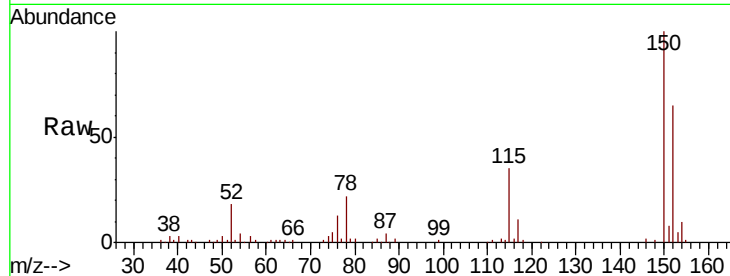


#1

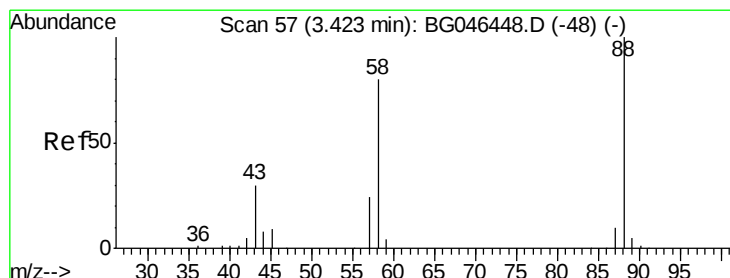
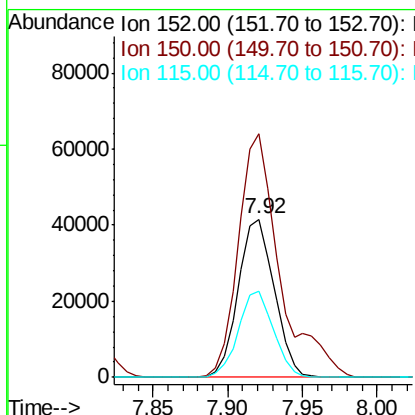
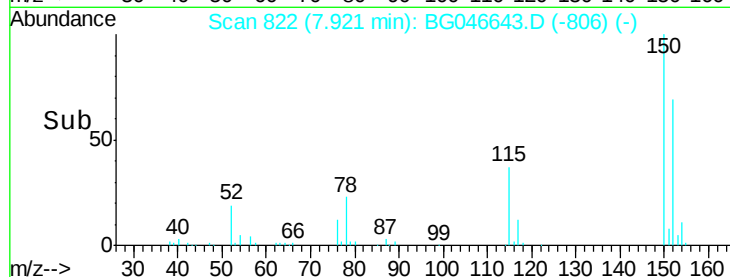
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

Tot Ion:152 Resp: 69502
 Ion Ratio Lower Upper
 152 100
 150 153.9 119.5 179.3
 115 54.2 44.3 66.5



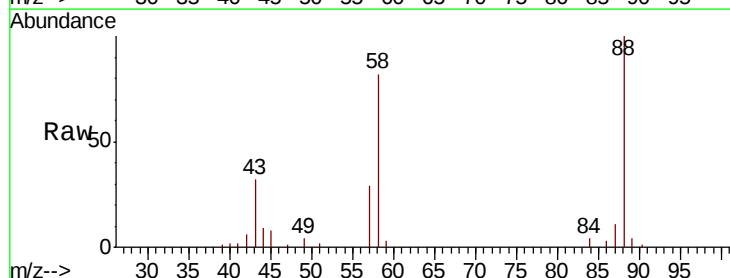
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



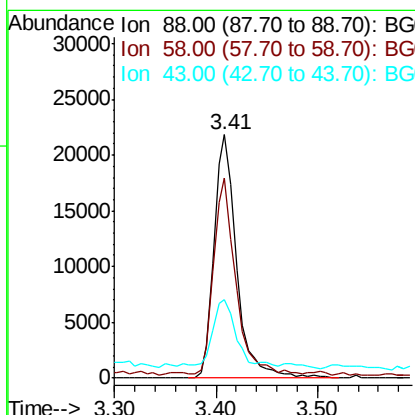
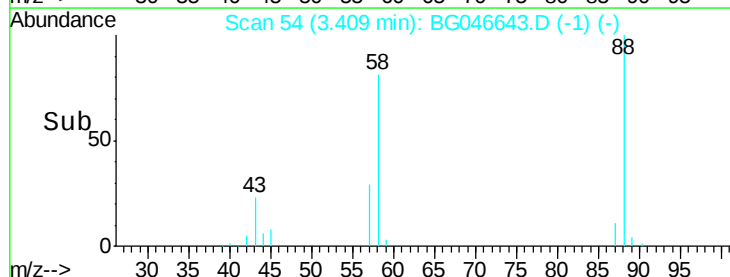
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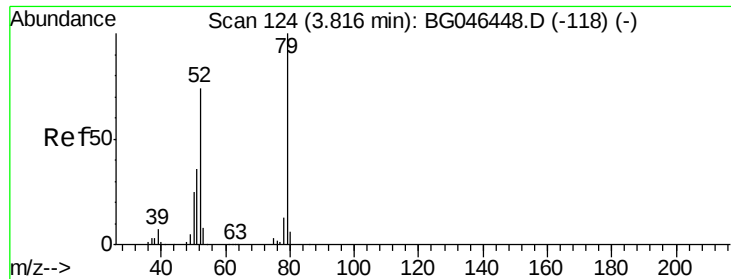
1,4-Dioxane
 Concen: 20.688 ng
 RT: 3.41 min Scan# 54
 Delta R.T. -0.01 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion: 88 Resp: 33774
 Ion Ratio Lower Upper
 88 100
 58 78.3 61.4 92.2
 43 27.4 21.6 32.4



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: 25.139 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

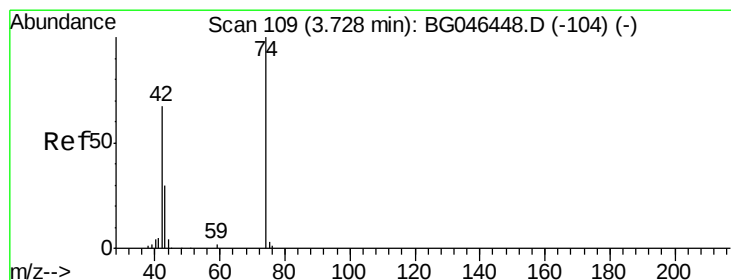
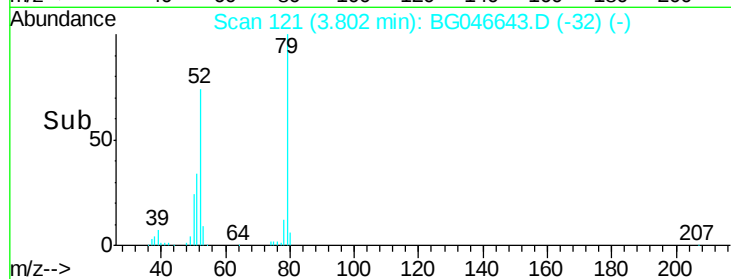
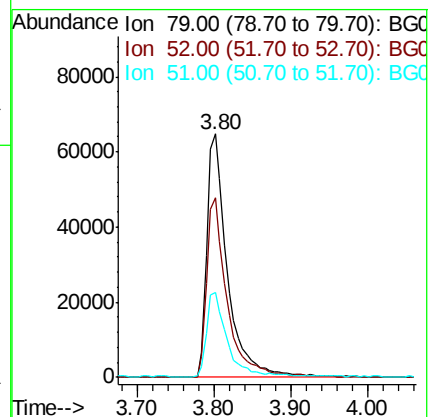
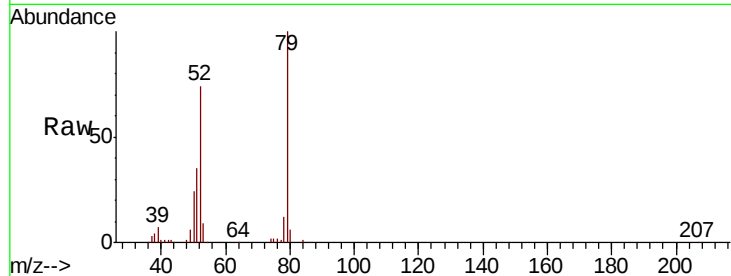
Tot Ion: 79 Resp: 120075

Ion Ratio Lower Upper

79 100

52 73.7 59.1 88.7

51 35.1 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 32.064 ng

RT: 3.71 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

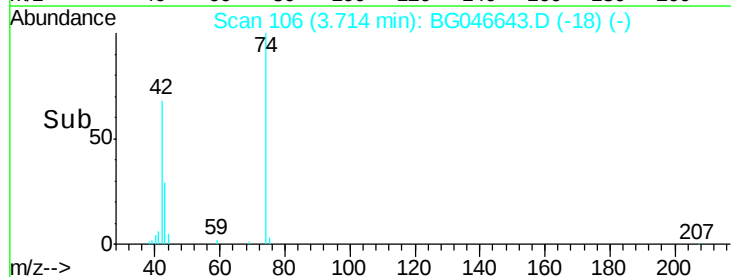
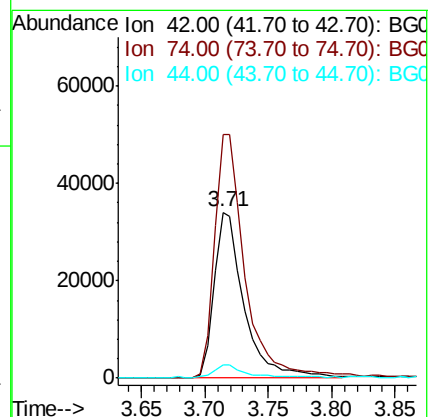
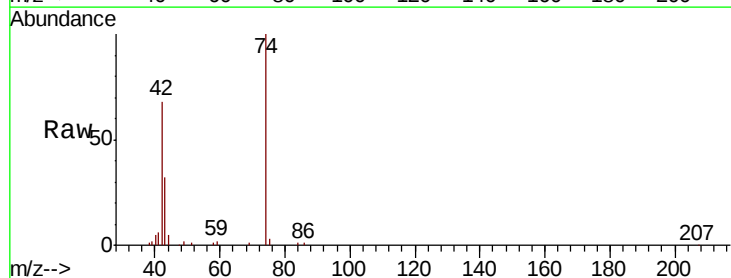
Tgt Ion: 42 Resp: 56486

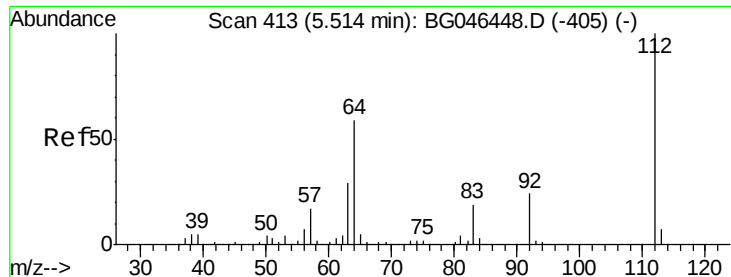
Ion Ratio Lower Upper

42 100

74 146.8 119.5 179.3

44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 103.940 ng

RT: 5.51 min Scan# 411

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

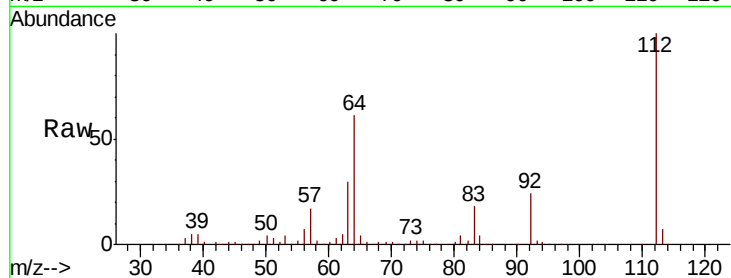
Tot Ion:112 Resp: 407863

Ion Ratio Lower Upper

112 100

64 60.8 47.0 70.6

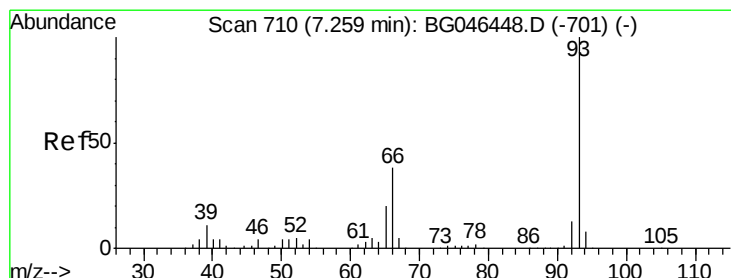
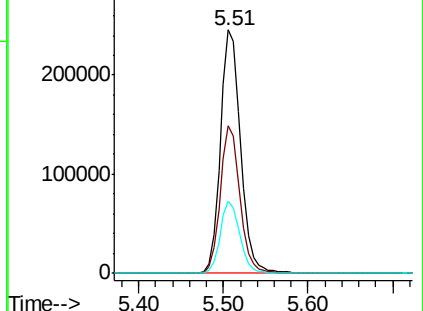
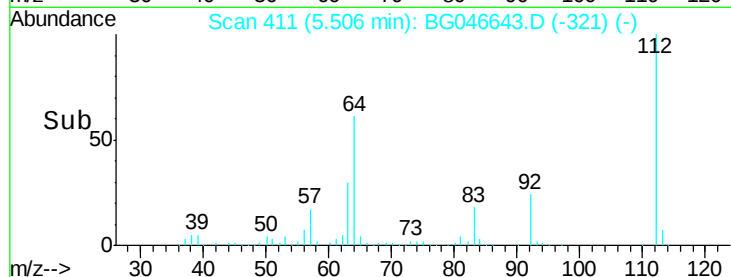
63 29.6 23.5 35.3



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: 34.471 ng

RT: 7.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

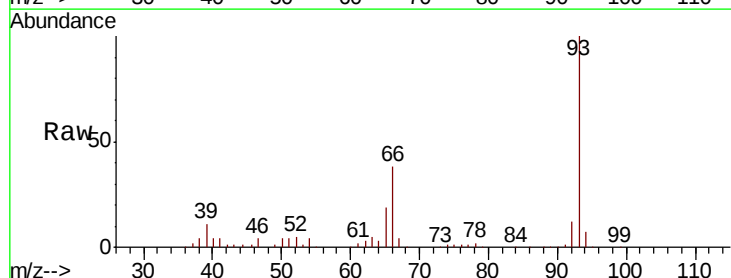
Tgt Ion: 93 Resp: 215779

Ion Ratio Lower Upper

93 100

66 37.5 30.4 45.6

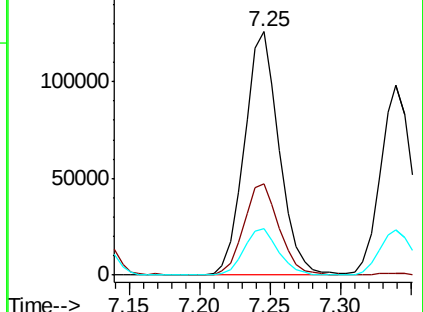
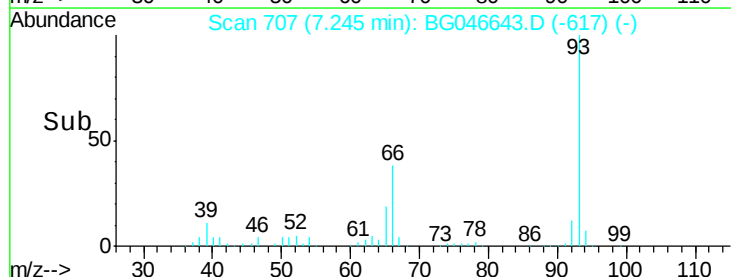
65 19.1 15.8 23.6



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: 101.685 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

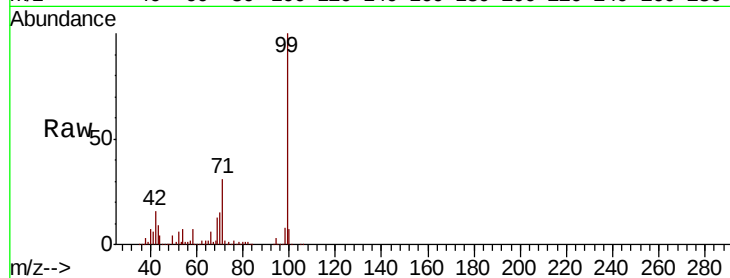
Tot Ion: 99 Resp: 565646

Ion Ratio Lower Upper

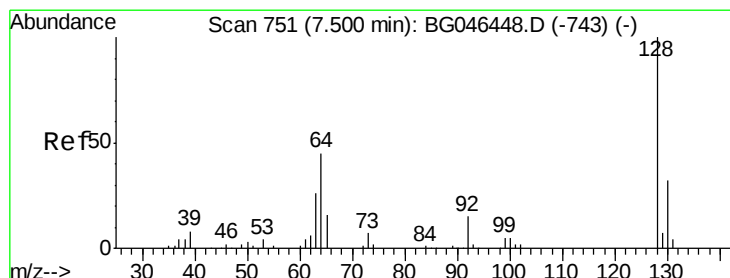
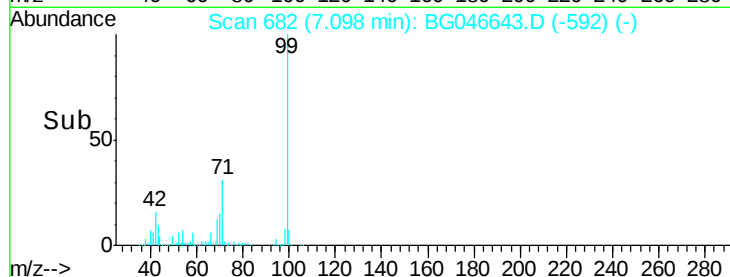
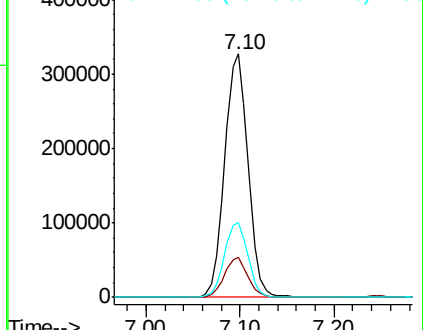
99 100

42 16.3 13.3 19.9

71 30.8 25.3 37.9



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: 43.271 ng

RT: 7.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

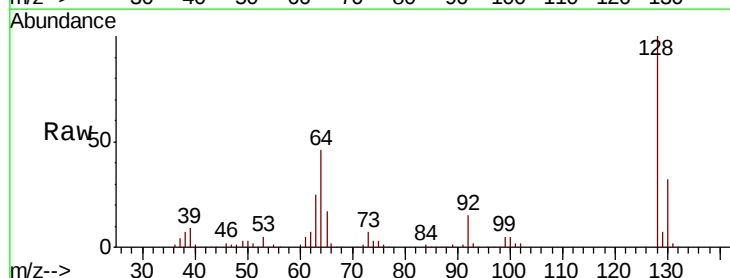
Tgt Ion: 128 Resp: 179459

Ion Ratio Lower Upper

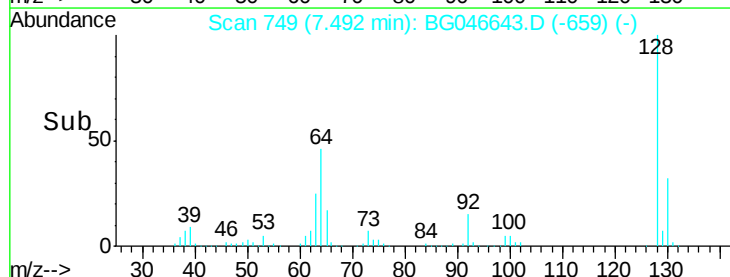
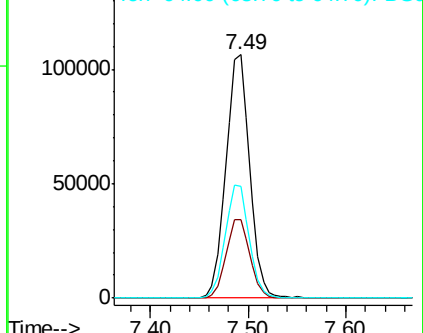
128 100

130 32.2 12.4 52.4

64 46.1 28.1 68.1



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: 14.658 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

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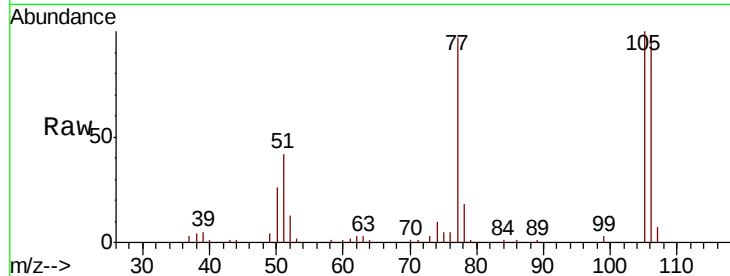
Tot Ion: 77 Resp: 45683

Ion Ratio Lower Upper

77 100

105 102.7 85.6 125.6

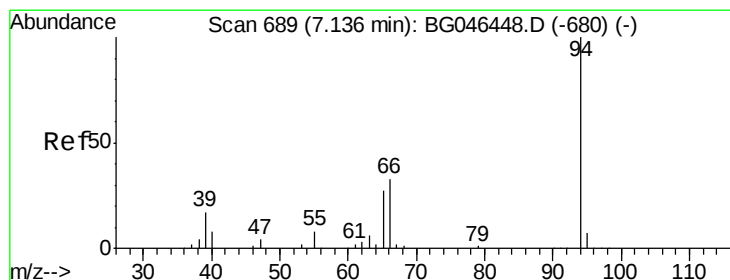
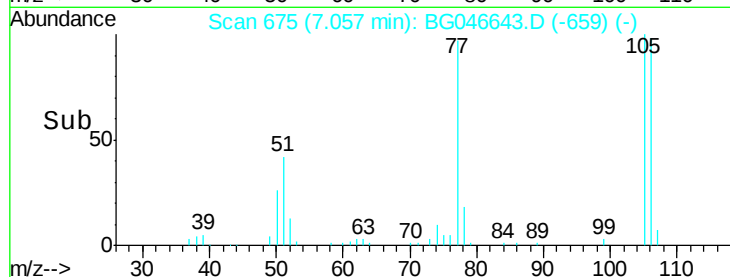
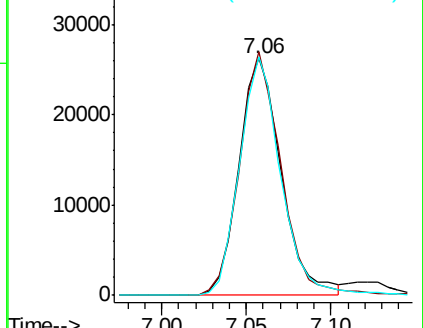
106 100.6 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.713 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

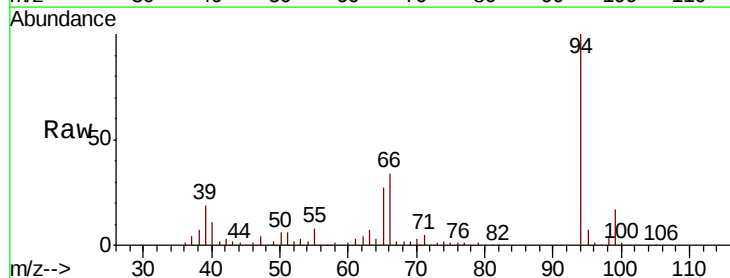
Tgt Ion: 94 Resp: 229087

Ion Ratio Lower Upper

94 100

65 26.6 7.5 47.5

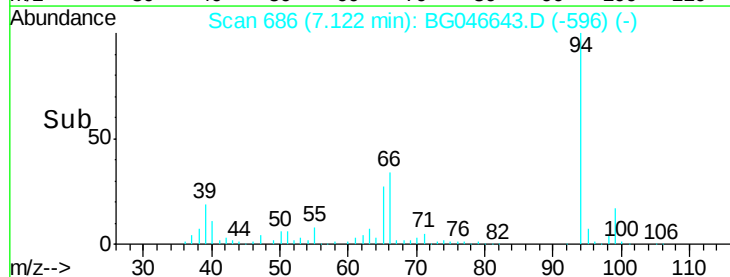
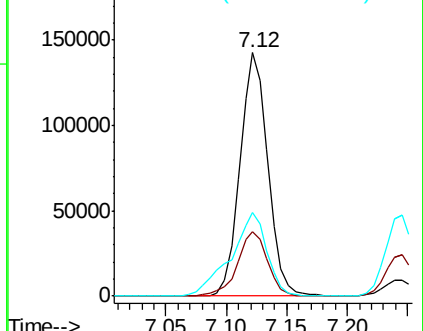
66 34.5 14.1 54.1

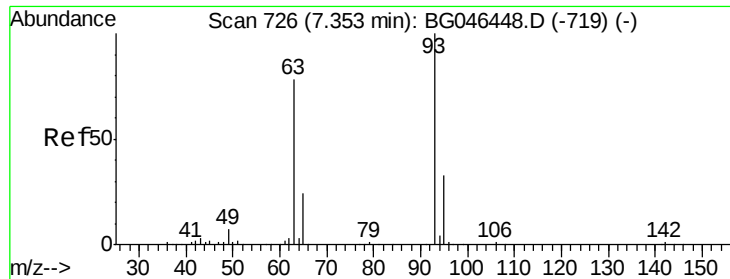


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

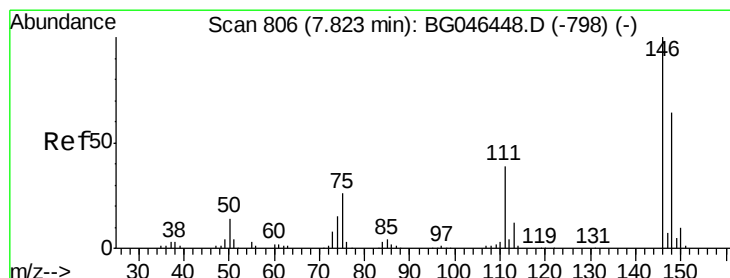
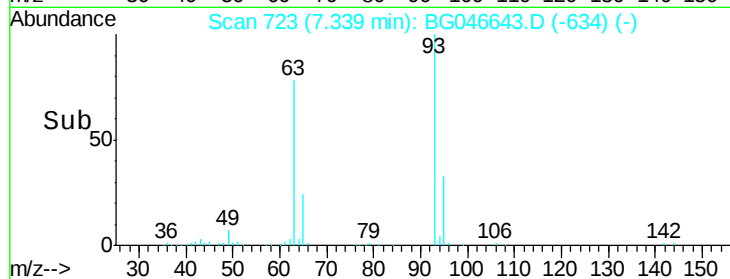
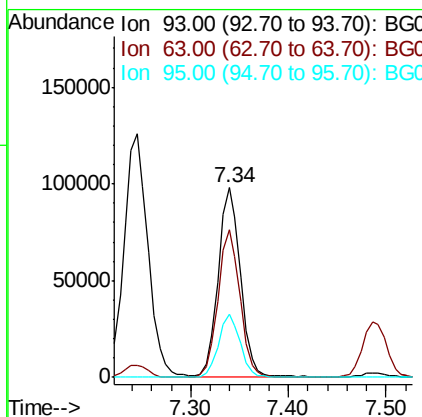
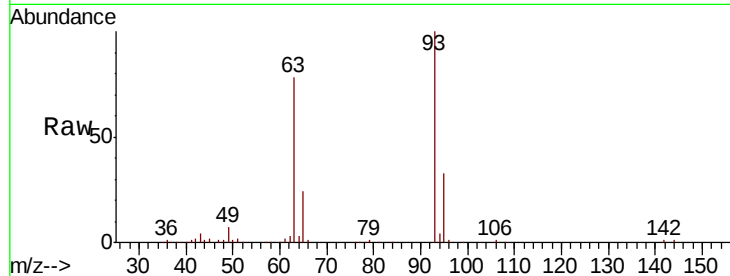




#11
 bis(2-Chloroethyl)ether
 Concen: 37.668 ng
 RT: 7.34 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

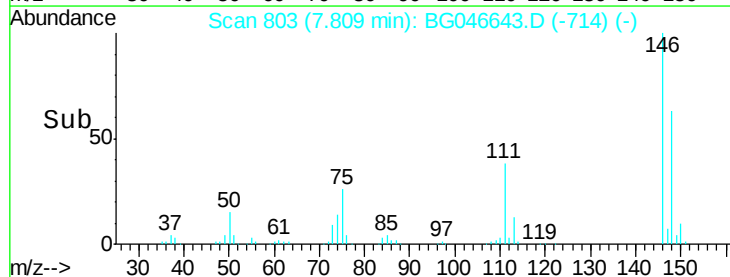
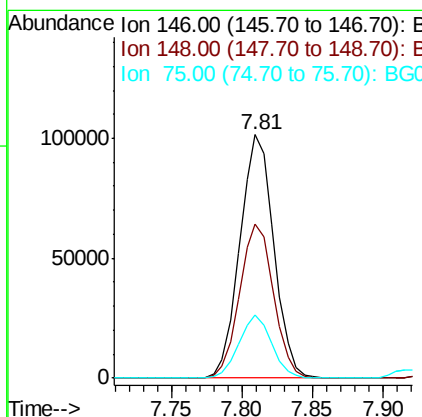
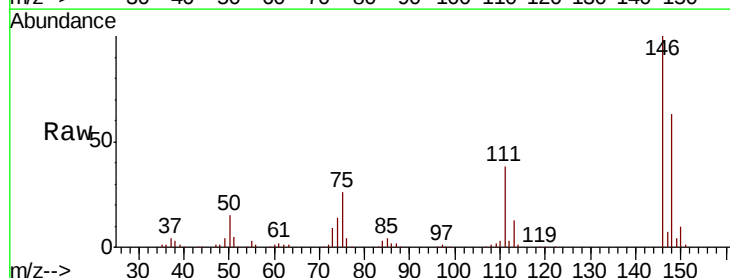
Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

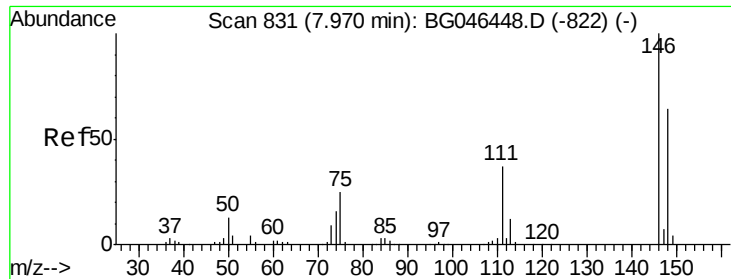
Tot Ion: 93 Resp: 155130
 Ion Ratio Lower Upper
 93 100
 63 77.8 57.7 97.7
 95 33.4 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 32.368 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion: 146 Resp: 170436
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.0
 75 25.8 20.7 31.1

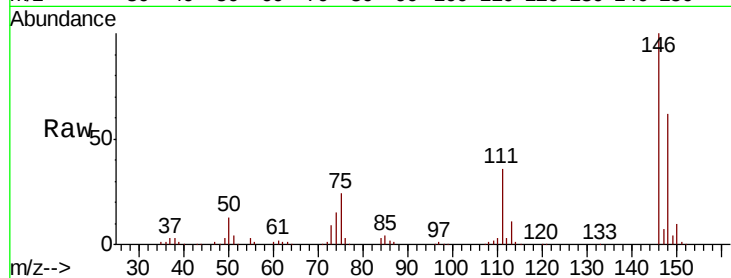




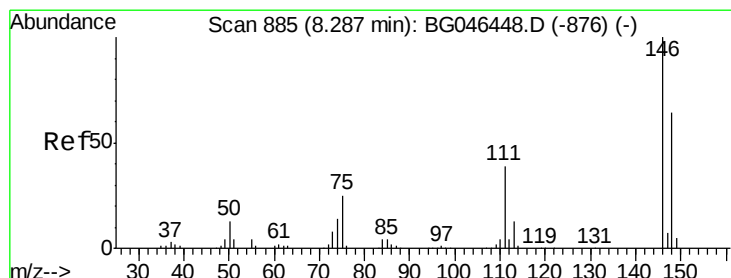
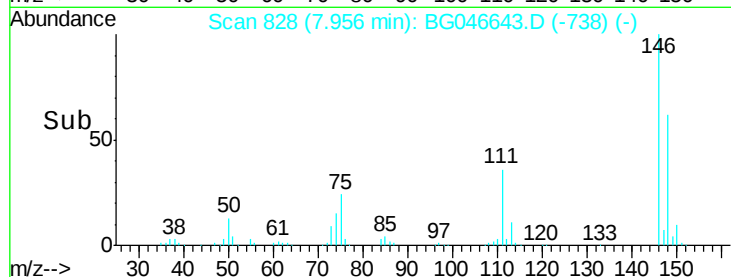
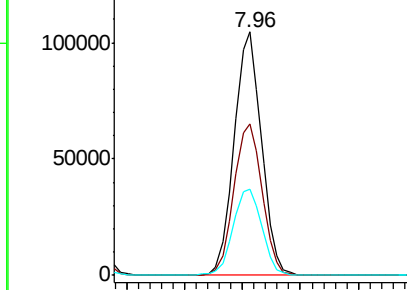
#13
 1,4-Dichlorobenzene
 Concen: 32.550 ng
 RT: 7.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

Tot Ion:146 Resp: 171588
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.9 76.3
 111 35.6 29.8 44.6

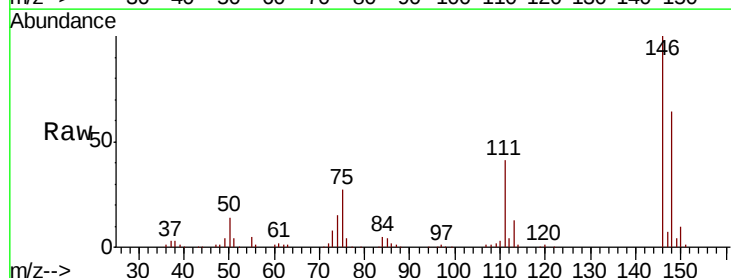


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

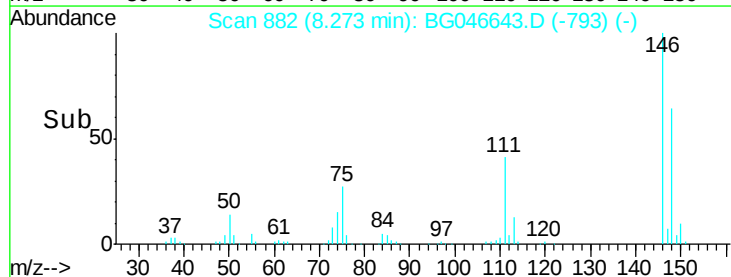
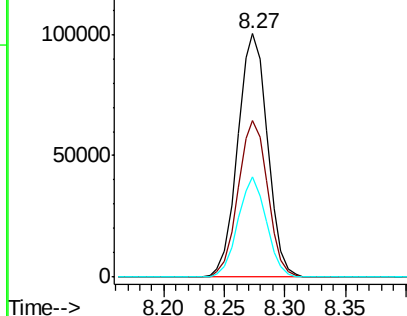


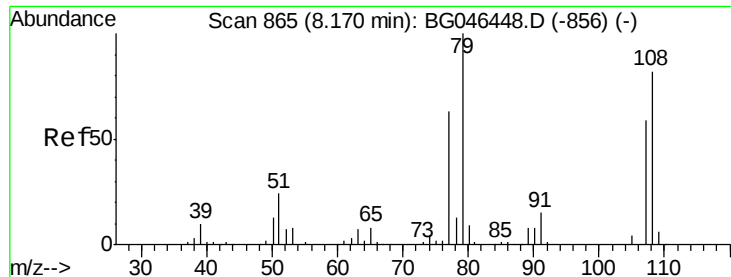
#14
 1,2-Dichlorobenzene
 Concen: 34.094 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion:146 Resp: 172330
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.4 77.0
 111 41.4 31.4 47.2



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





#15

Benzyl Alcohol

Concen: 43.483 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

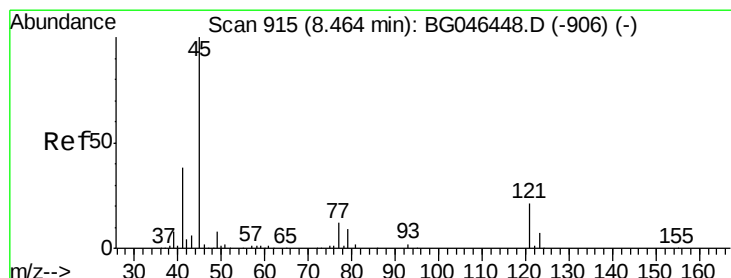
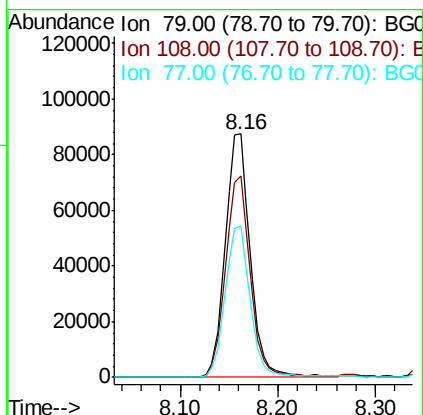
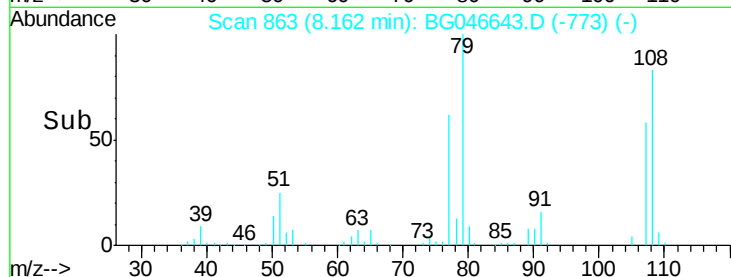
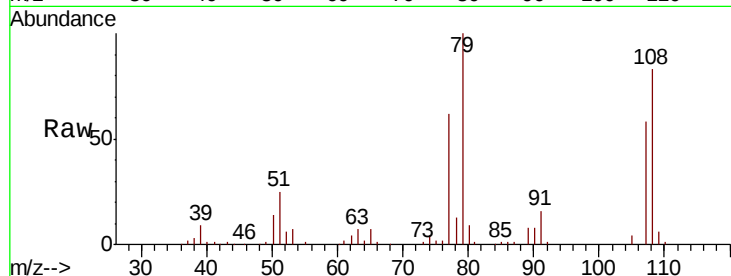
Tot Ion: 79 Resp: 155295

Ion Ratio Lower Upper

79 100

108 82.5 65.7 98.5

77 62.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.625 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

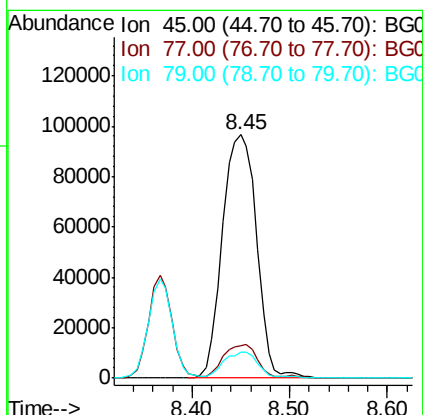
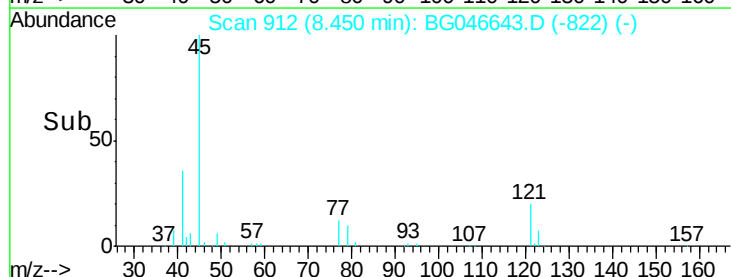
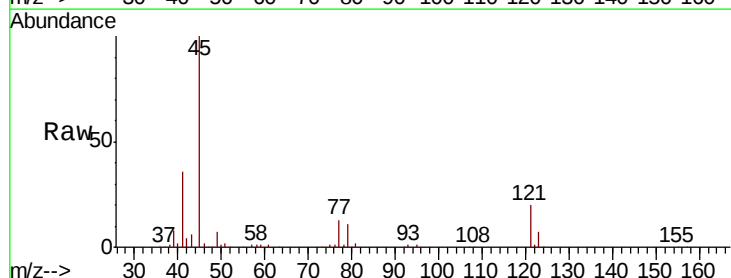
Tgt Ion: 45 Resp: 233965

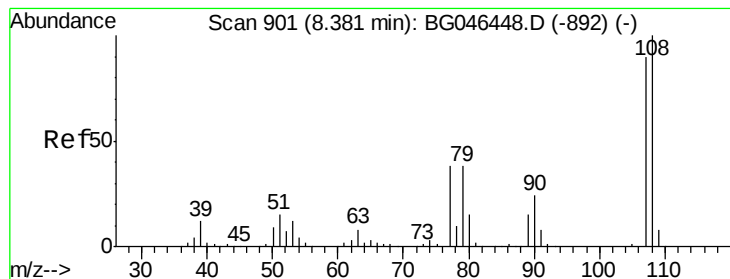
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.2

79 10.7 0.0 30.3





#17

2-Methylphenol

Concen: 45.625 ng

RT: 8.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

Tot Ion:107 Resp: 165783

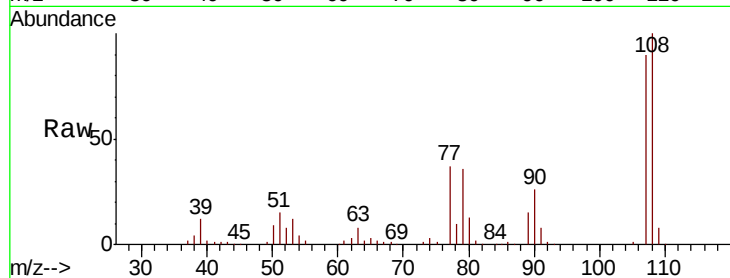
Ion Ratio Lower Upper

107 100

108 111.2 89.4 134.0

77 41.6 34.5 51.7

79 39.8 33.8 50.6

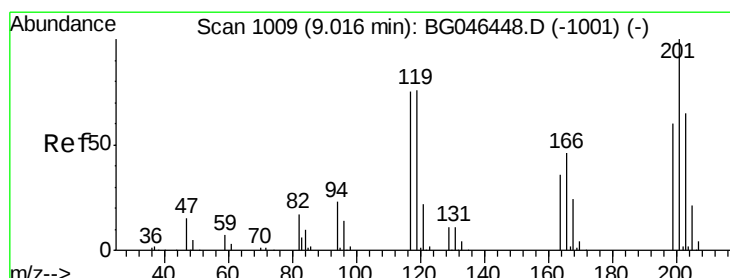
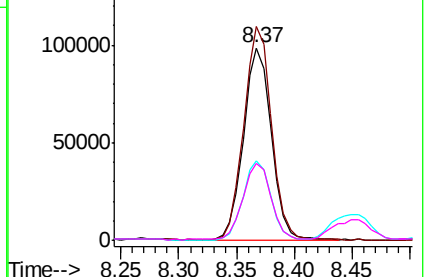
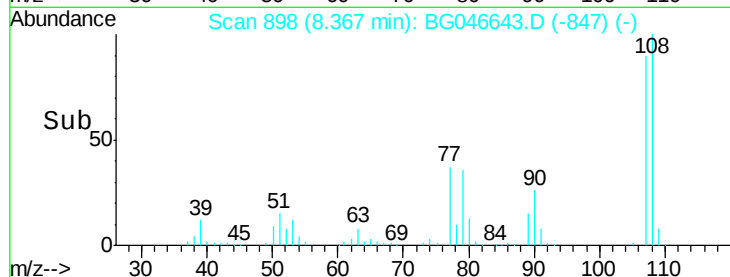


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 32.231 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

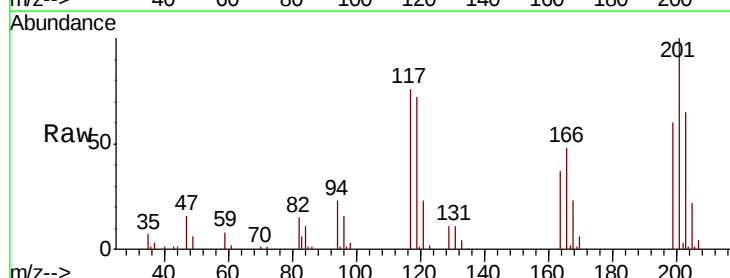
Tgt Ion:117 Resp: 57608

Ion Ratio Lower Upper

117 100

119 94.2 80.8 121.2

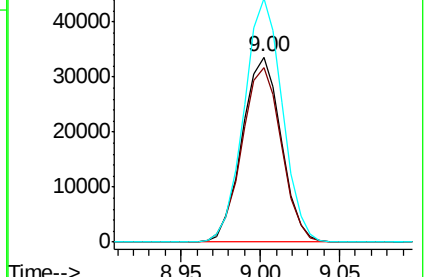
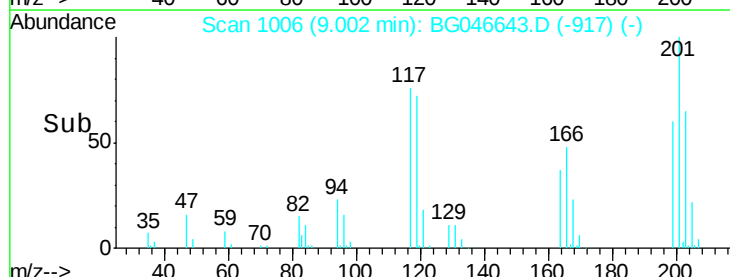
201 131.6 106.7 160.1

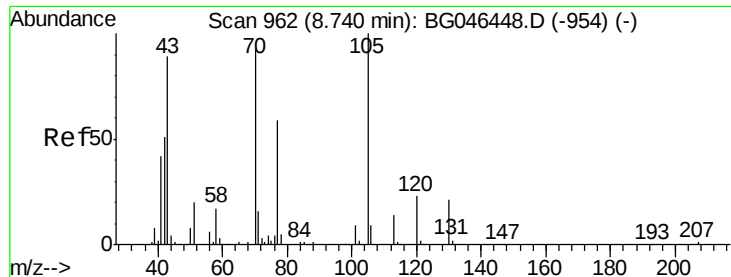


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

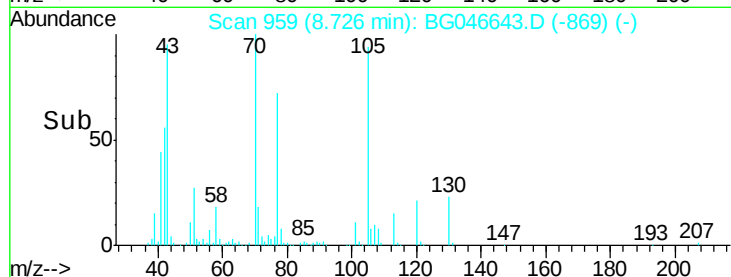
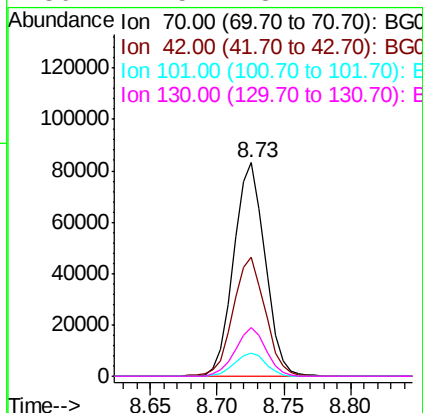
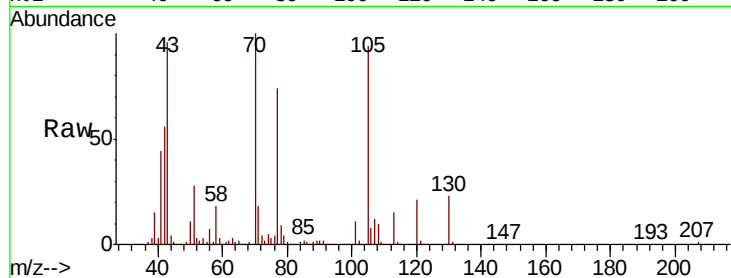




#19
n-Nitroso-di-n-propylamine
Concen: 40.817 ng
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

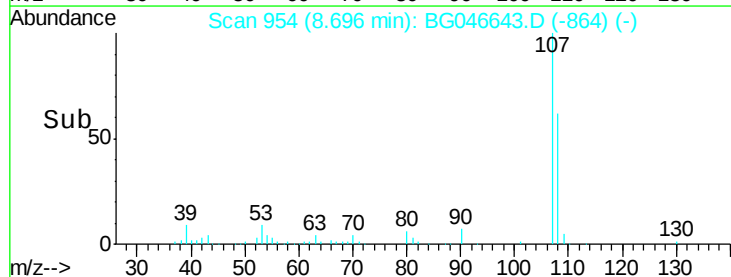
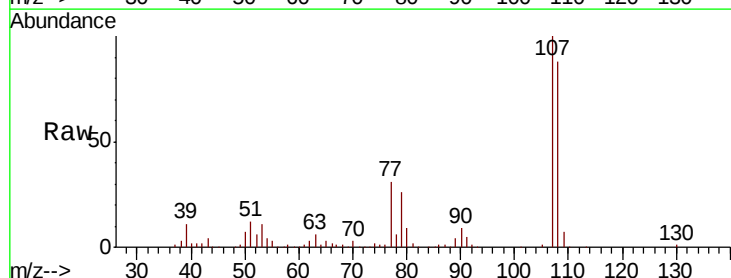
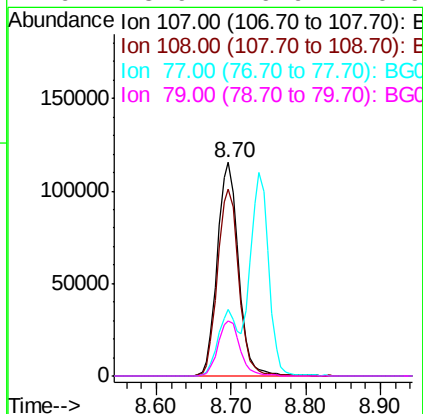
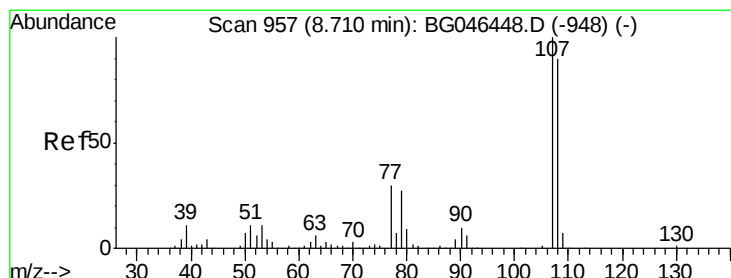
Instrument :
BNA_G
ClientSampleId :
PB131657BS

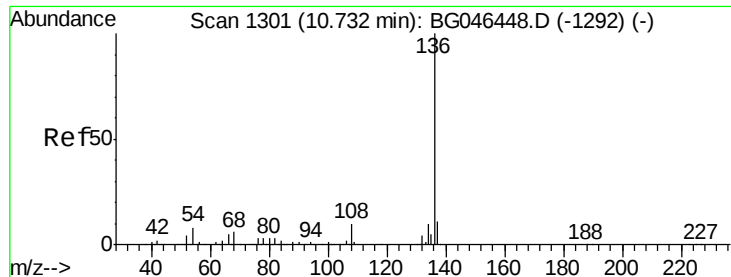
Tot Ion:	70	Resp:	135815
Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.2	66.2
101	10.6	7.8	11.8
130	22.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 45.553 ng
RT: 8.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion:	107	Resp:	228464
Ion	Ratio	Lower	Upper
107	100		
108	87.8	69.7	109.7
77	31.0	9.7	49.7
79	25.9	6.9	46.9

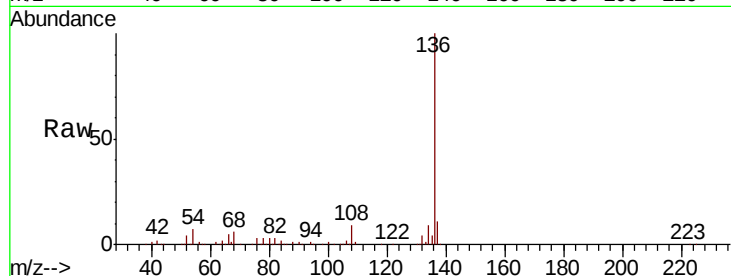




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Instrument :
BNA_G
ClientSampleId :
PB131657BS

Tot Ion:136	Resp:	303528
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 7.2	6.1	9.1
68 5.9	4.8	7.2



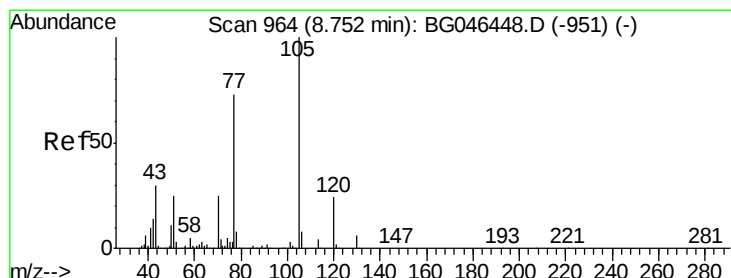
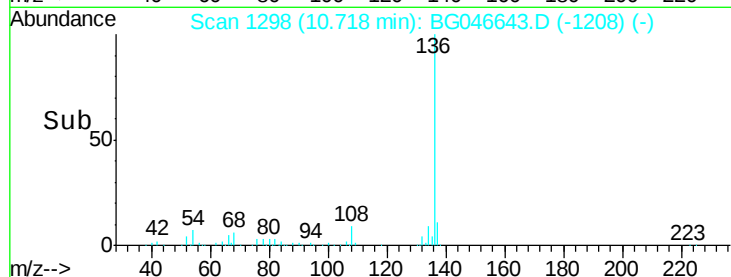
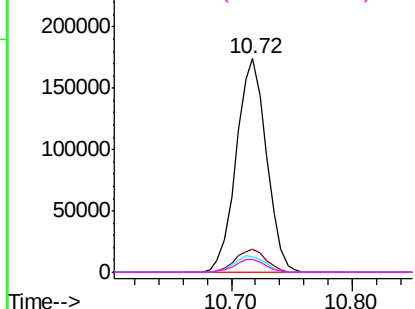
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

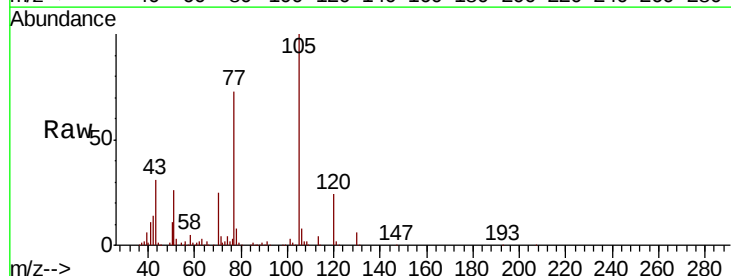
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 34.700 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt	Ion:105	Resp:	256380
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.3	4.9
51	25.7	20.6	31.0
120	23.8	19.0	28.6



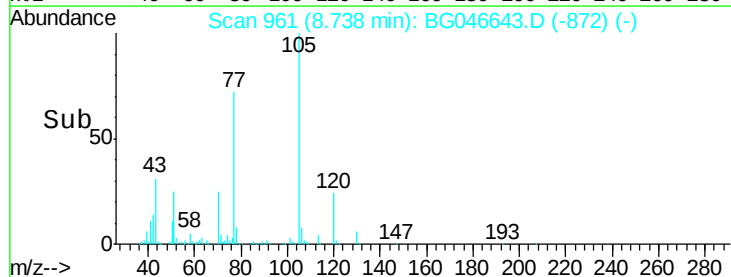
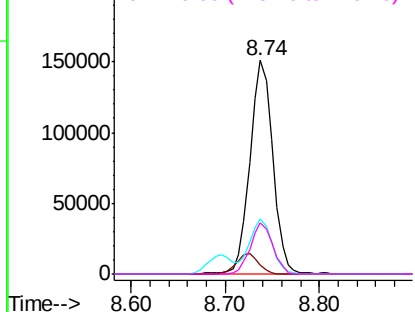
Abundance

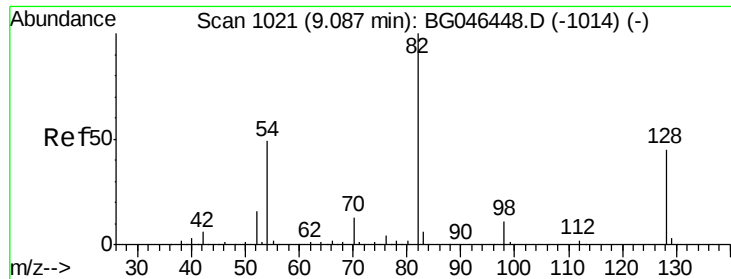
Ion 105.00 (104.70 to 105.70): E

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

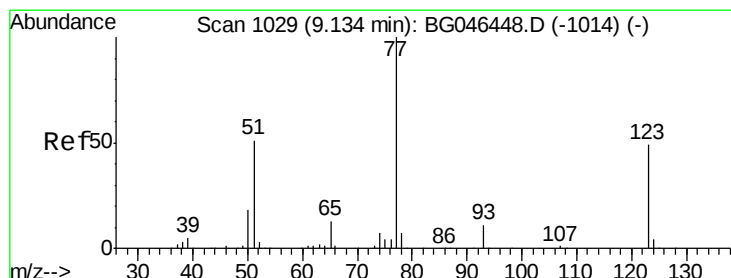
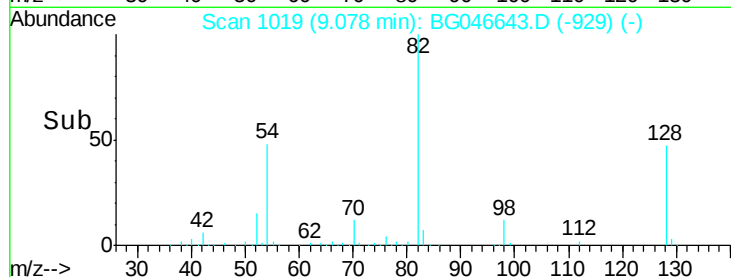
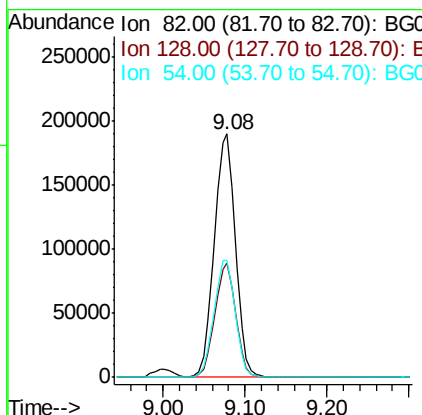
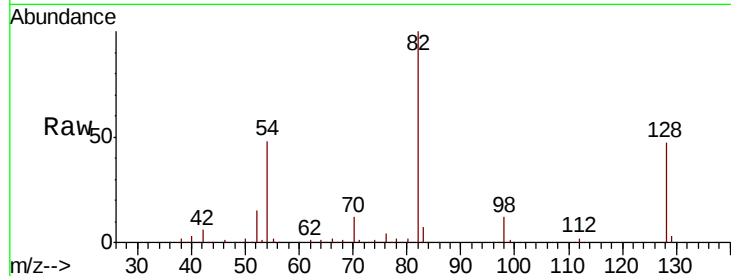




#23
 Nitrobenzene-d5
 Concen: 64.545 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

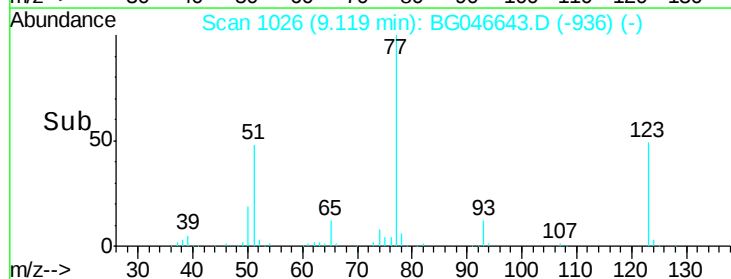
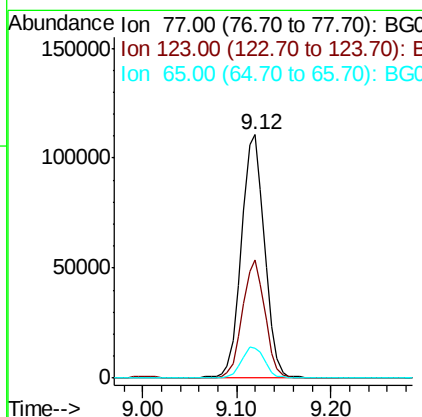
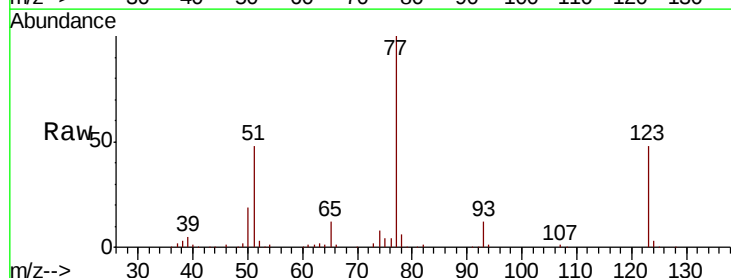
Instrument :
 BNA_G
 ClientSampleID :
 PB131657BS

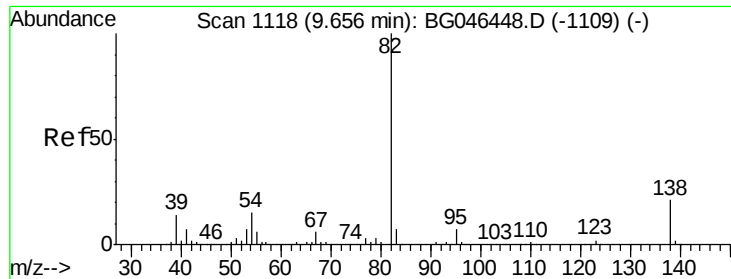
Tot Ion: 82 Resp: 342771
 Ion Ratio Lower Upper
 82 100
 128 46.9 35.7 53.5
 54 47.9 39.4 59.0



#24
 Nitrobenzene
 Concen: 36.155 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion: 77 Resp: 189689
 Ion Ratio Lower Upper
 77 100
 123 48.5 39.6 59.4
 65 12.3 10.1 15.1





#25

Isophorone

Concen: 38.562 ng

RT: 9.64 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

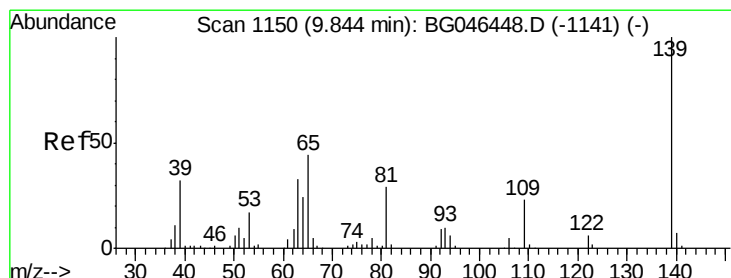
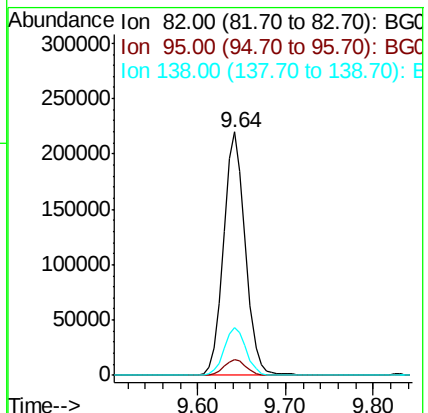
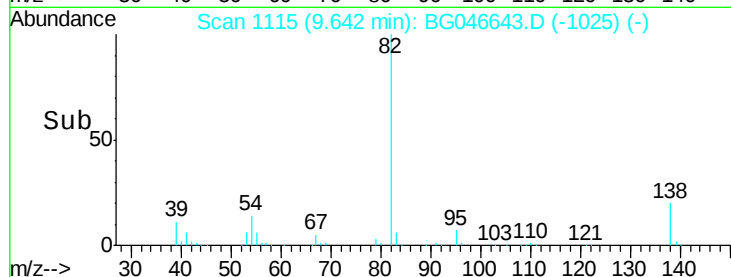
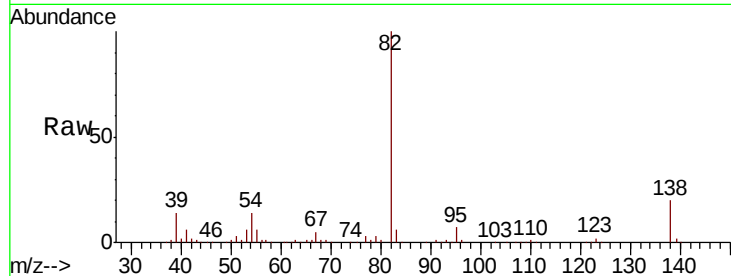
Tot Ion: 82 Resp: 375454

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

138 19.7 16.4 24.6



#26

2-Nitrophenol

Concen: 38.205 ng

RT: 9.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

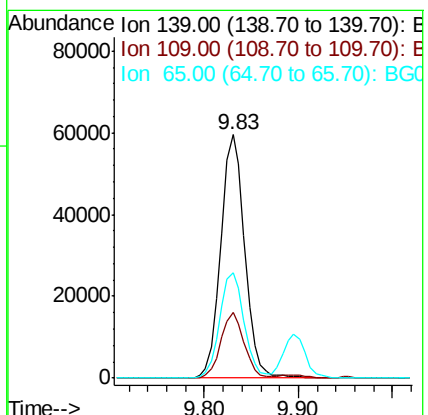
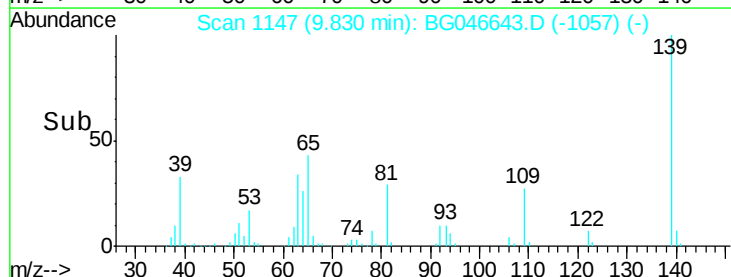
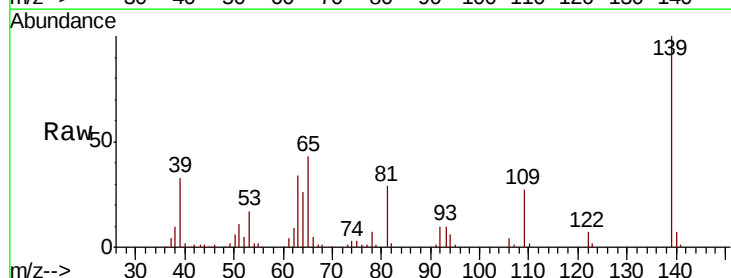
Tgt Ion: 139 Resp: 105755

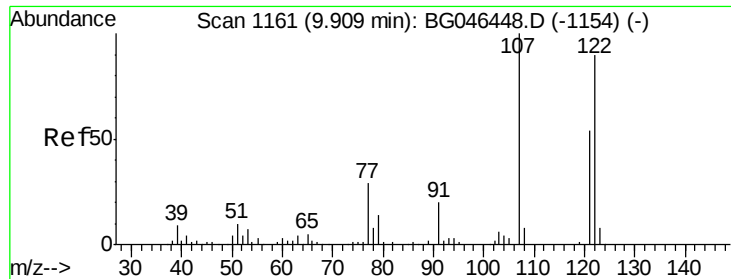
Ion Ratio Lower Upper

139 100

109 27.0 18.8 28.2

65 43.1 35.0 52.6

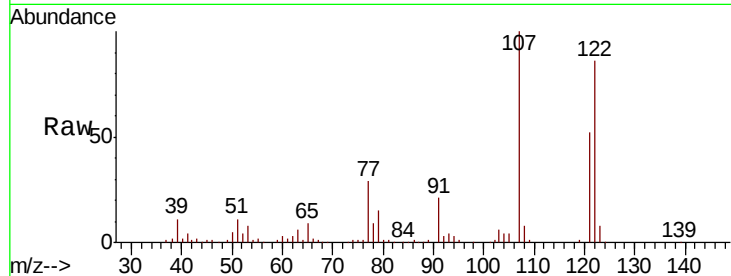




#27
 2,4-Dimethylphenol
 Concen: 47.910 ng
 RT: 9.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	88.2	132.2
121	60.2	47.4	71.0

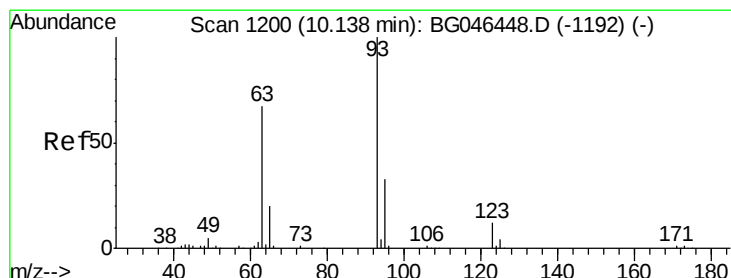
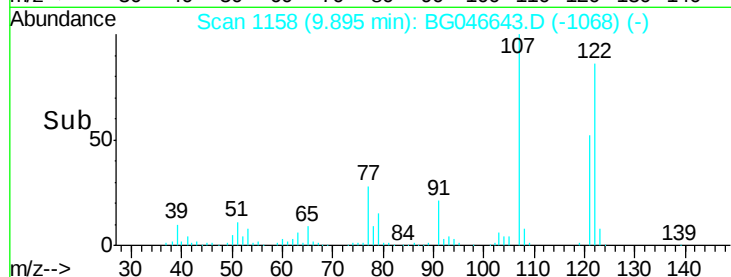
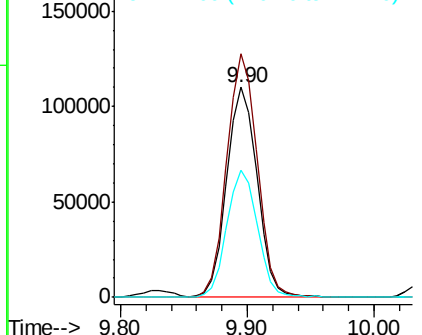


Abundance

Ion 122.00 (121.70 to 122.70): E

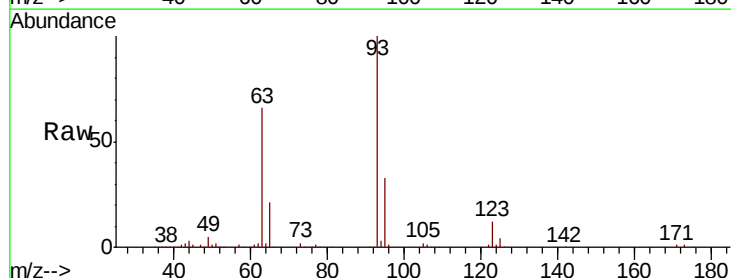
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.805 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	12.0	9.5	14.3

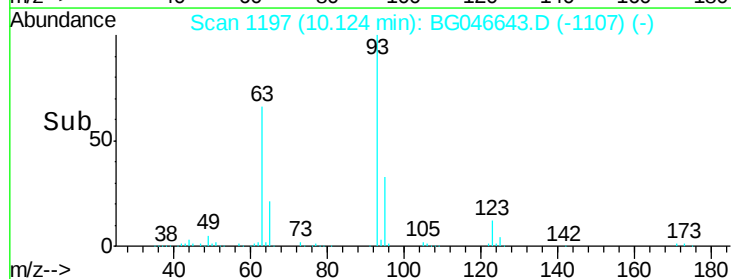
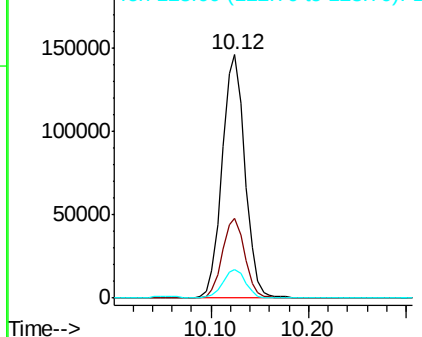


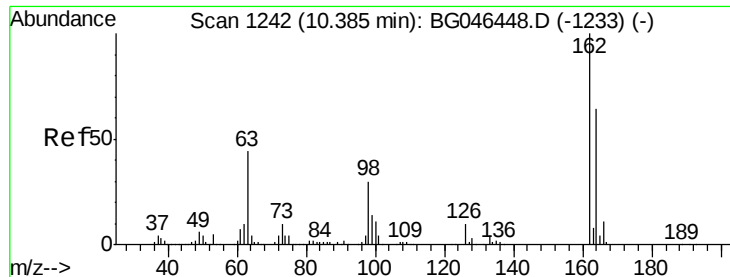
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

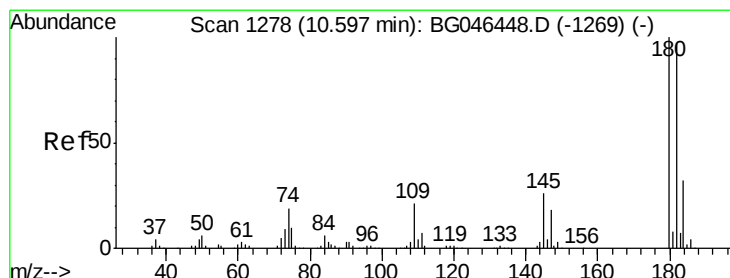
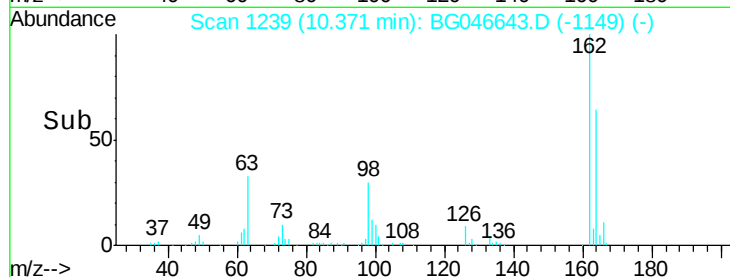
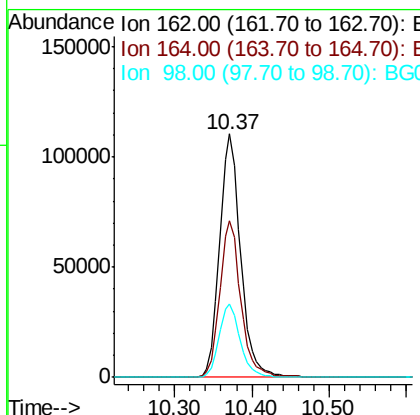
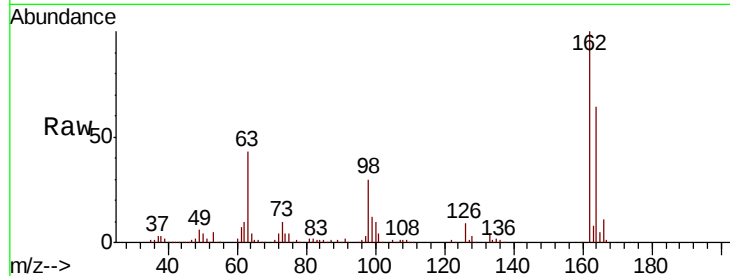




#29
 2,4-Dichlorophenol
 Concen: 41.214 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

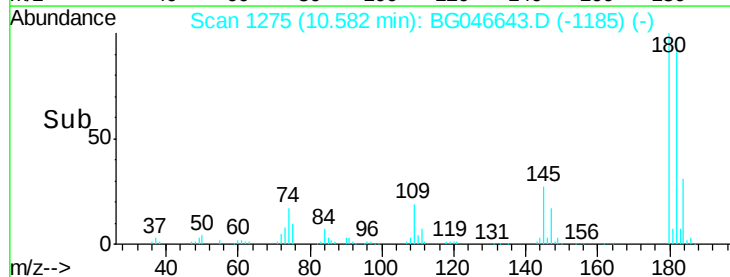
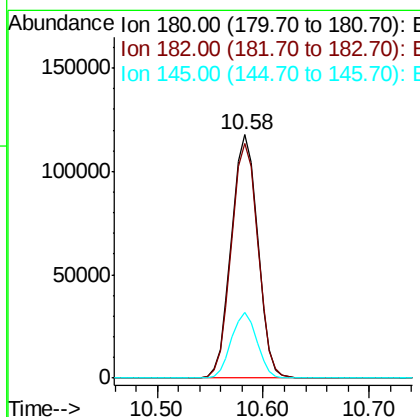
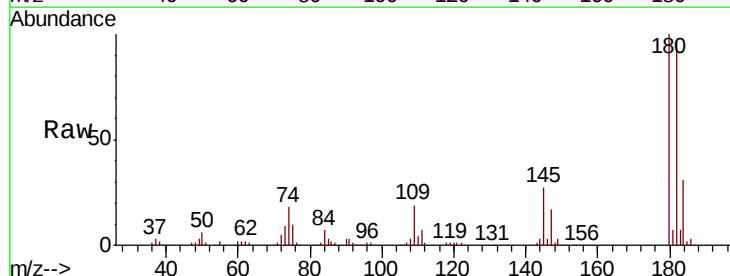
Instrument :
 BNA_G
 ClientSampled :
 PB131657BS

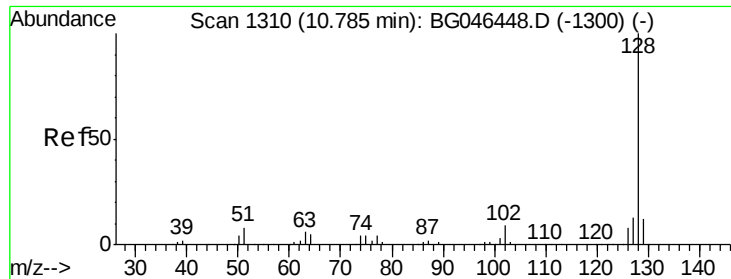
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.3	84.3
98	30.1	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 33.769 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.8	116.8
145	27.2	20.9	31.3

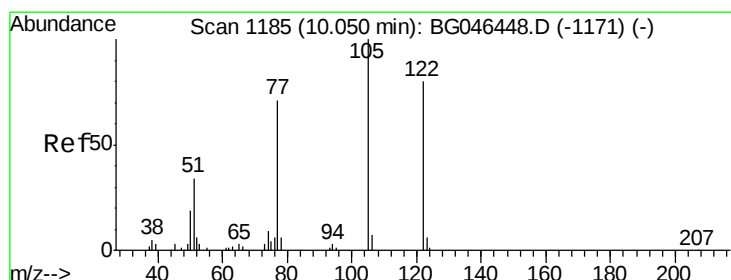
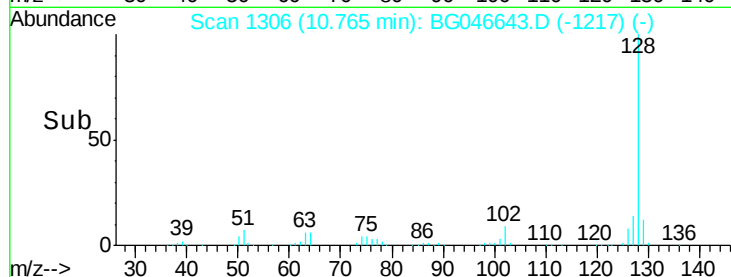
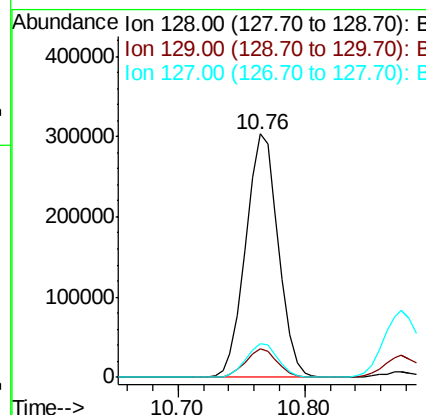
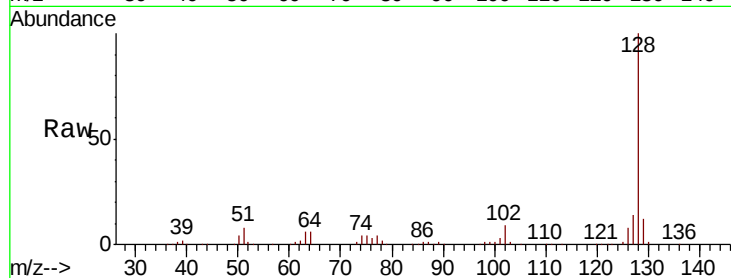




#31
Naphthalene
Concen: 36.379 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

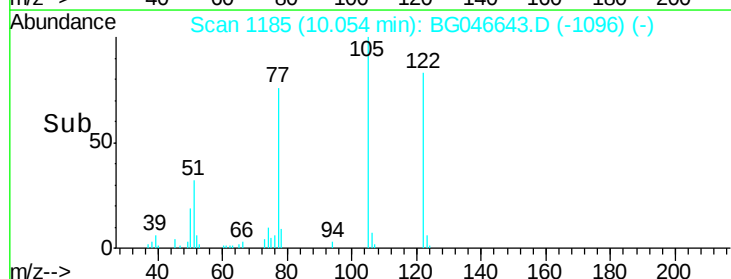
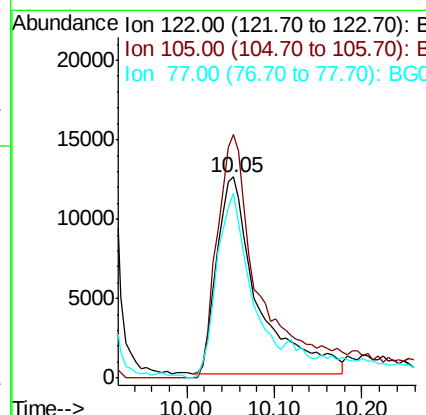
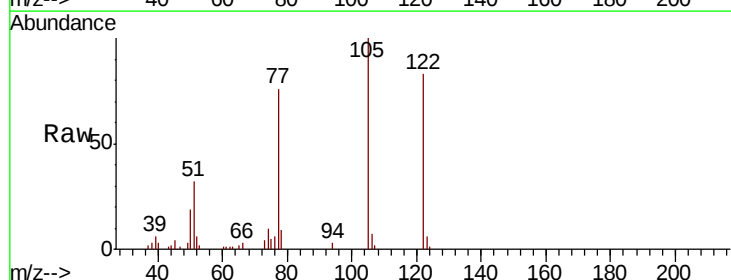
Instrument :
BNA_G
ClientSampleId :
PB131657BS

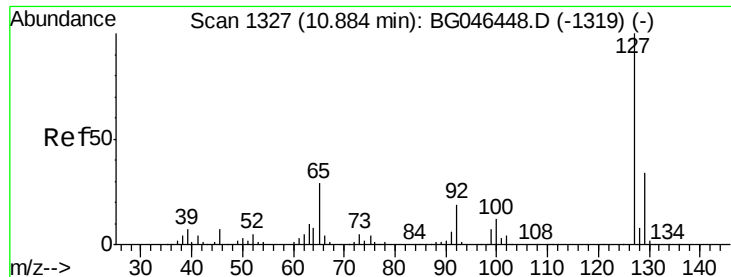
Tot Ion:128 Resp: 539147
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 19.843 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion:122 Resp: 40415
Ion Ratio Lower Upper
122 100
105 121.1 102.5 142.5
77 91.6 68.2 108.2

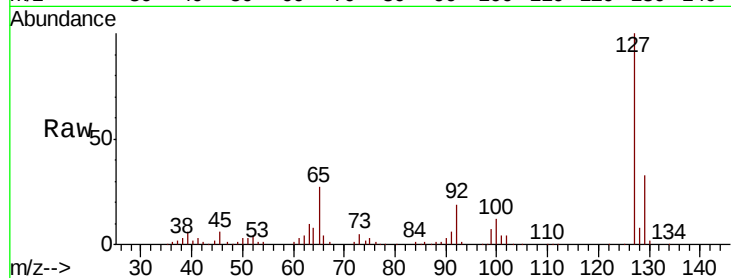




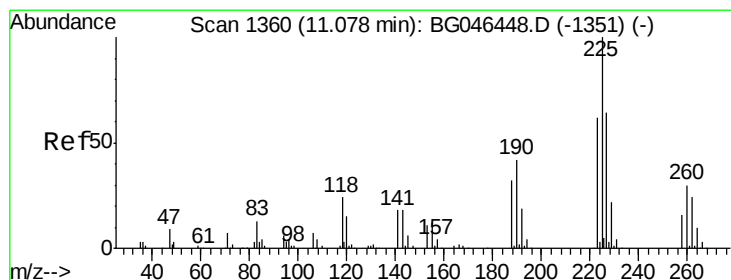
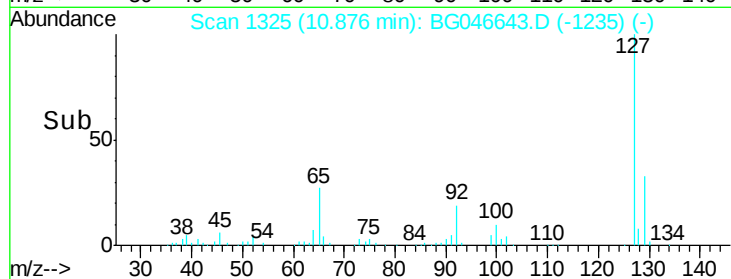
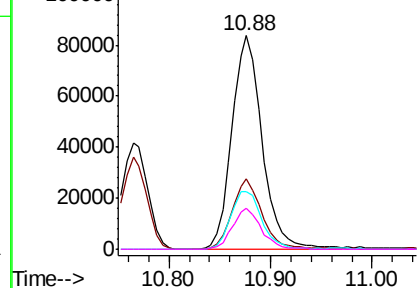
#33
4-Chloroaniline
Concen: 26.531 ng
RT: 10.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Instrument :
BNA_G
ClientSampleId :
PB131657BS

Tot Ion:	127	Resp:	173379
Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.0	40.4
65	27.0	23.5	35.3
92	19.0	14.9	22.3

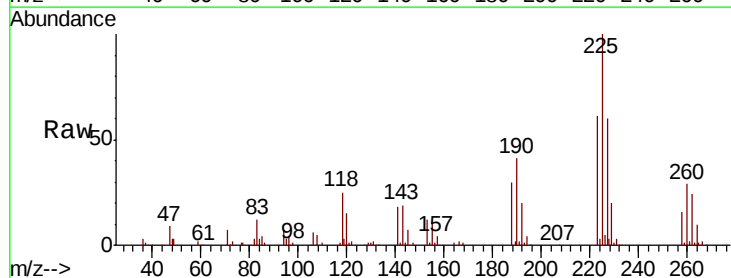


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

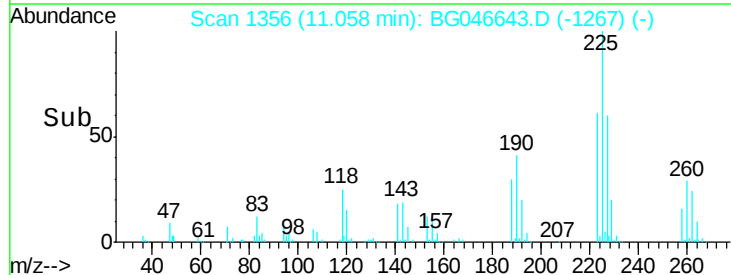
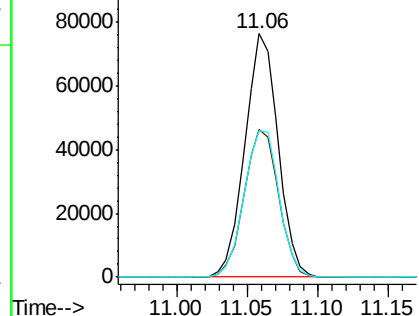


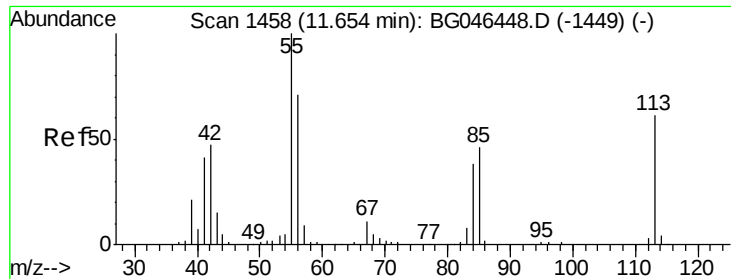
#34
Hexachlorobutadiene
Concen: 32.222 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion:	225	Resp:	125964
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.9	74.9
227	60.3	51.6	77.4



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: 19.179 ng

RT: 11.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

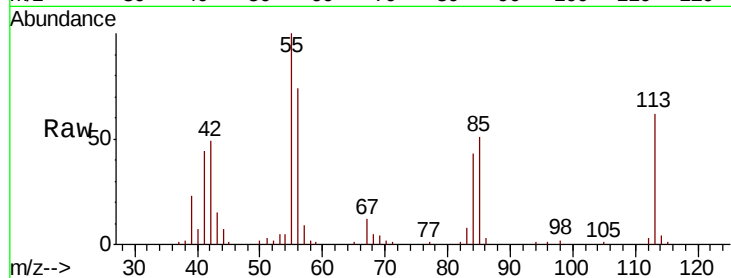
Tot Ion:113 Resp: 36386

Ion Ratio Lower Upper

113 100

55 161.3 144.2 184.2

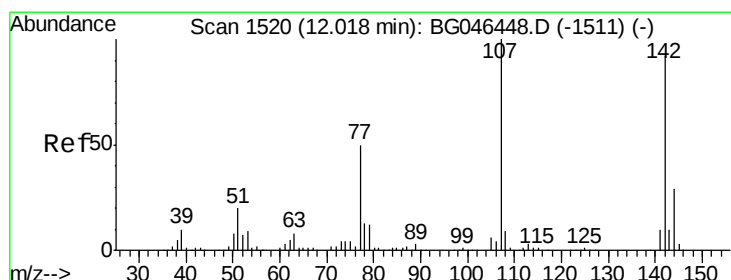
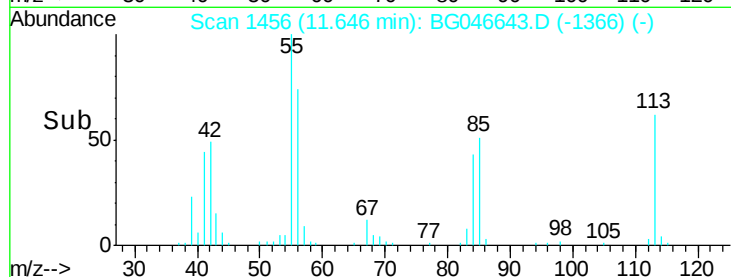
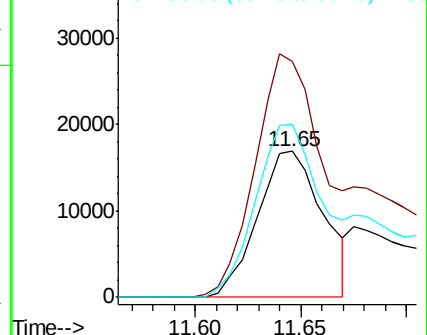
56 119.0 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.632 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

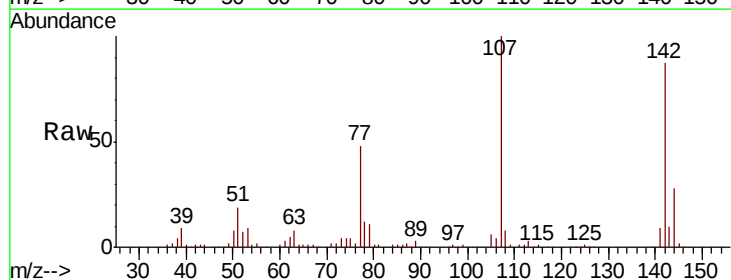
Tgt Ion:107 Resp: 196736

Ion Ratio Lower Upper

107 100

144 28.2 23.3 34.9

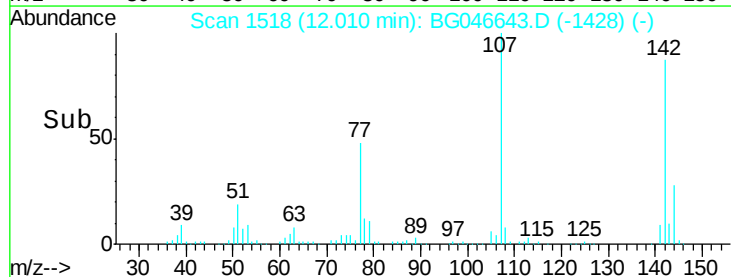
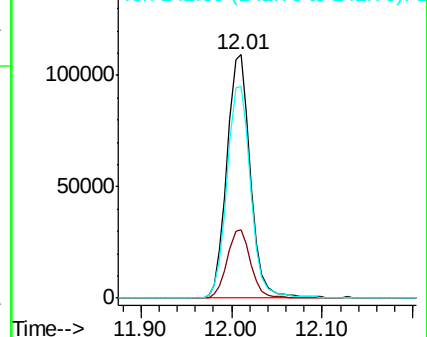
142 86.8 73.7 110.5

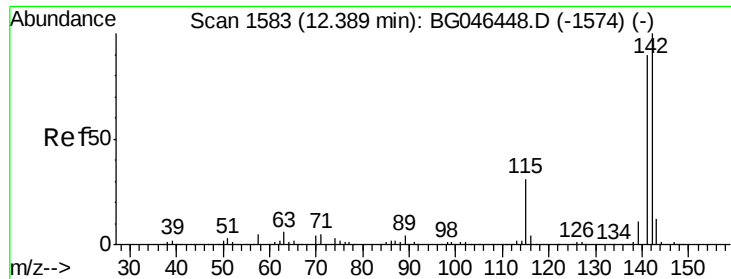


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

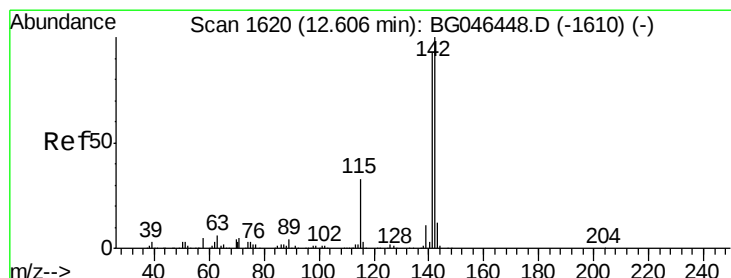
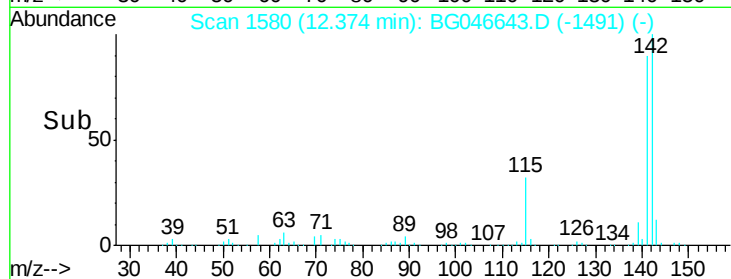
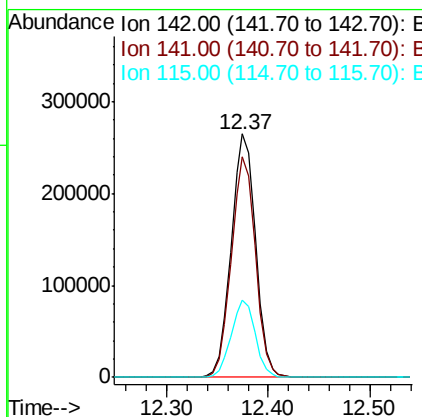
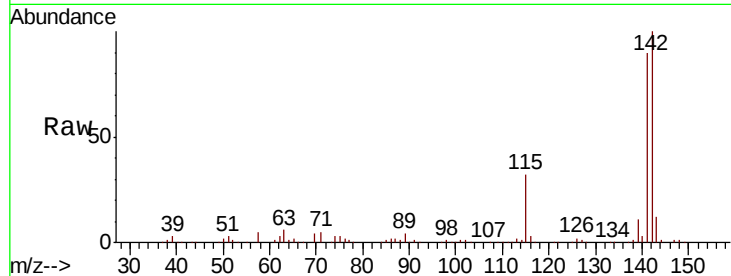




#37
2-Methylnaphthalene
Concen: 37.673 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

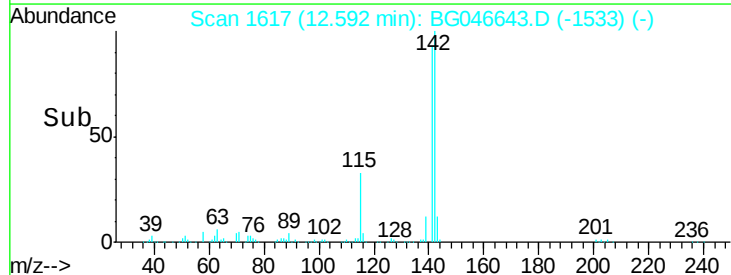
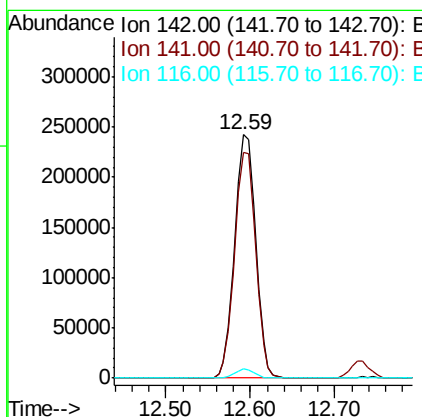
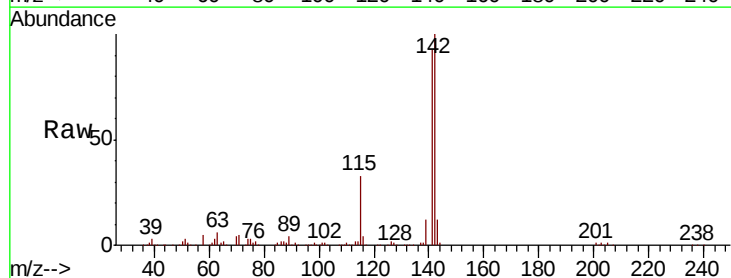
Instrument :
BNA_G
ClientSampleId :
PB131657BS

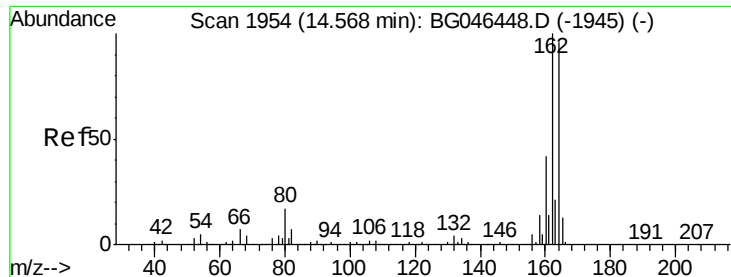
Tot Ion:142 Resp: 440336
Ion Ratio Lower Upper
142 100
141 90.4 72.1 108.1
115 31.7 24.9 37.3



#38
1-Methylnaphthalene
Concen: 37.405 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion:142 Resp: 414129
Ion Ratio Lower Upper
142 100
141 92.8 74.7 112.1
116 3.7 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

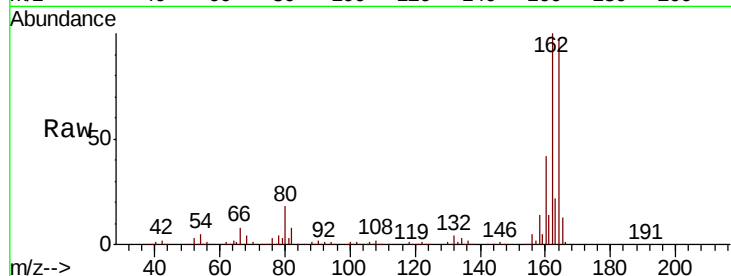
Tot Ion:164 Resp: 201804

Ion Ratio Lower Upper

164 100

162 102.9 83.3 124.9

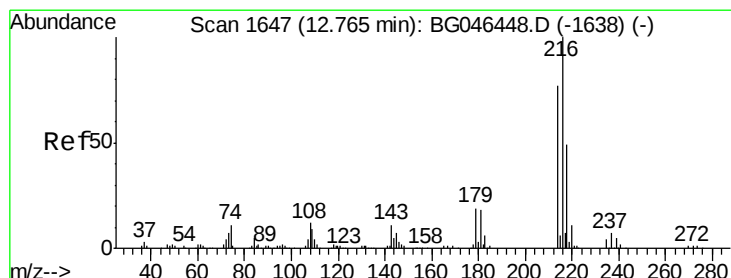
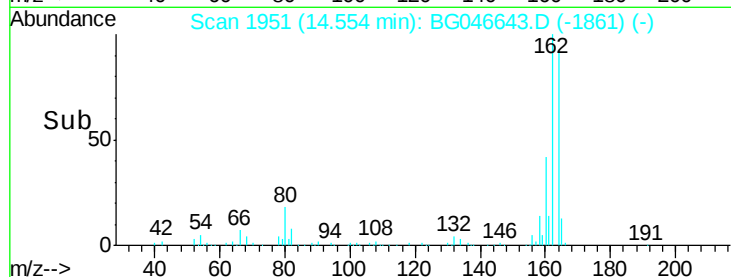
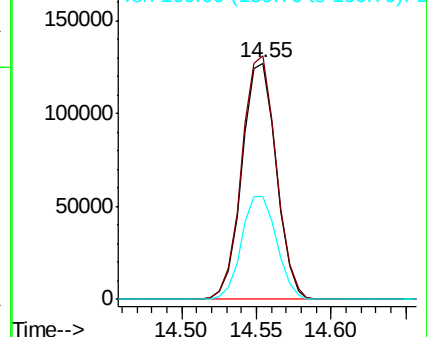
160 43.7 35.0 52.6



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: 39.111 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Tgt Ion:216 Resp: 260271

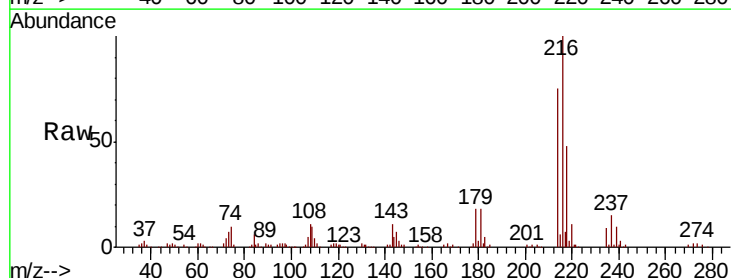
Ion Ratio Lower Upper

216 100

214 78.0 62.1 93.1

179 18.4 14.9 22.3

108 14.4 10.5 15.7

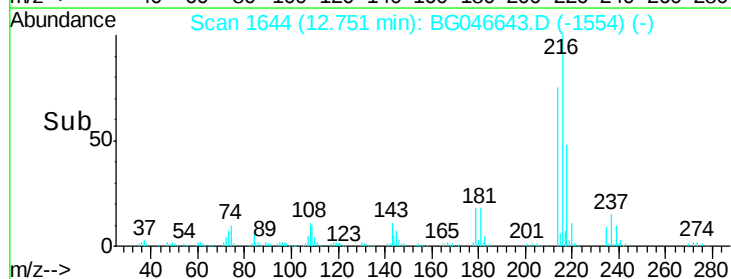
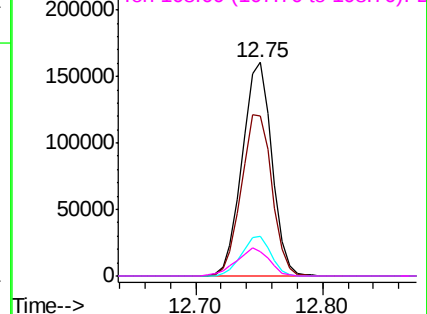


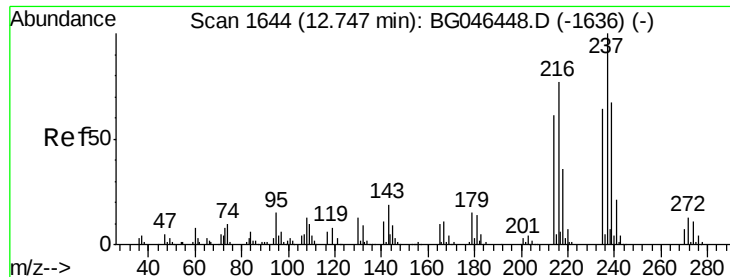
Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.309 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

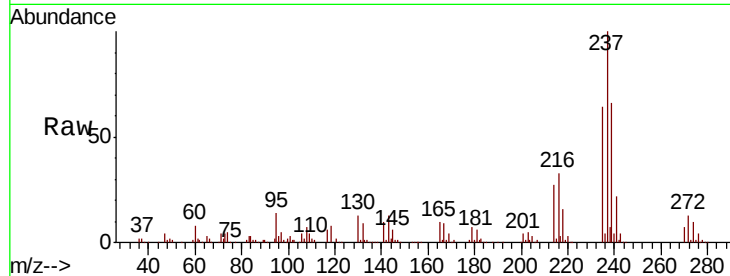
Tot Ion:237 Resp: 267109

Ion Ratio Lower Upper

237 100

235 63.5 44.5 84.5

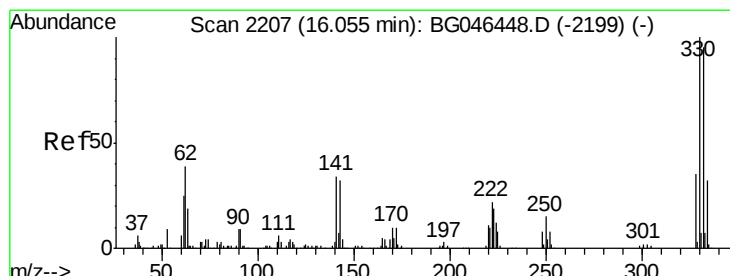
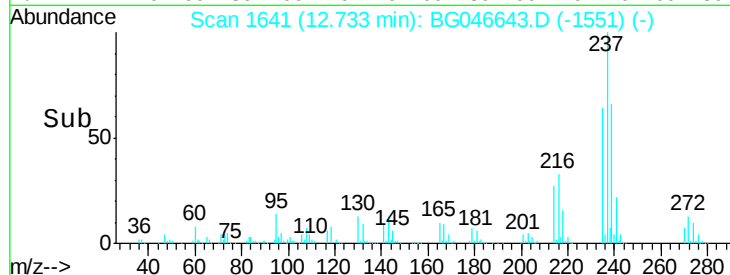
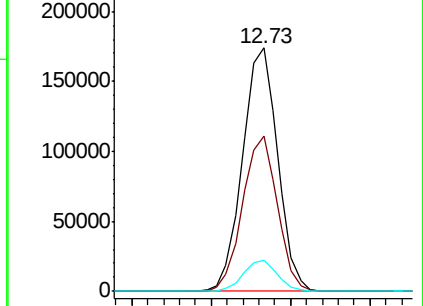
272 12.6 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.792 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

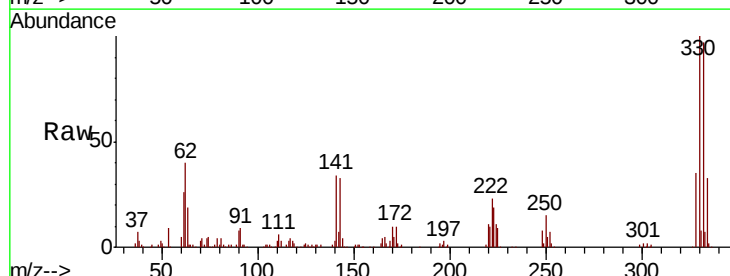
Tgt Ion:330 Resp: 220910

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

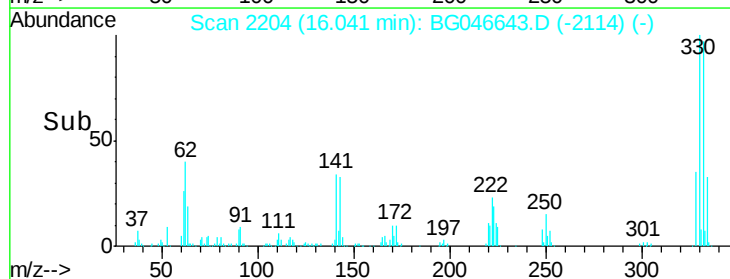
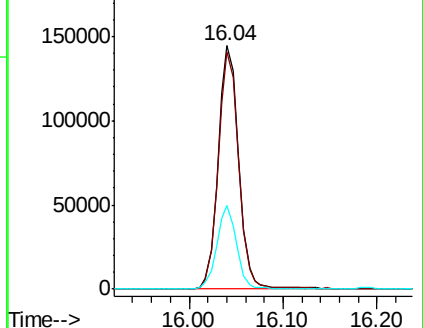
141 32.9 26.1 39.1

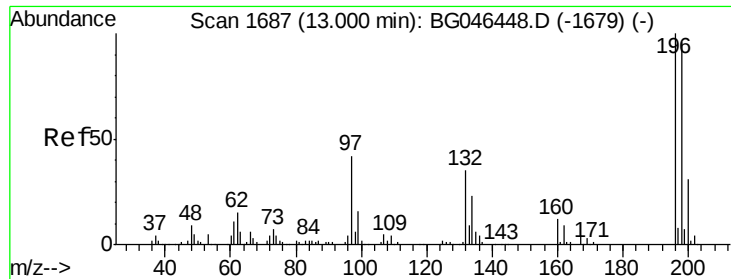


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

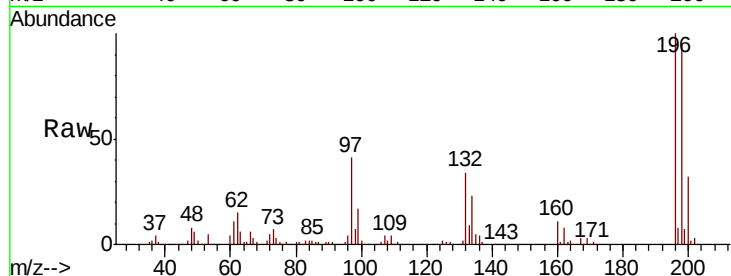




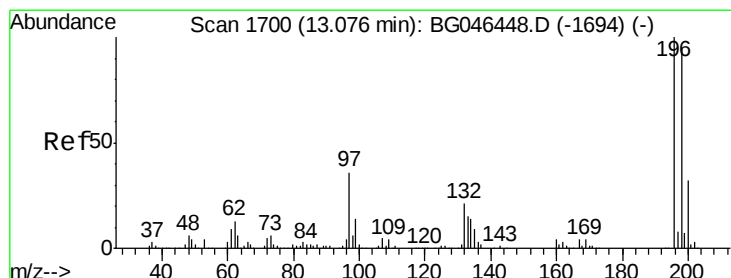
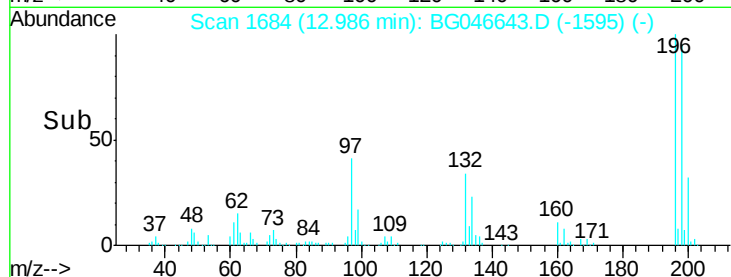
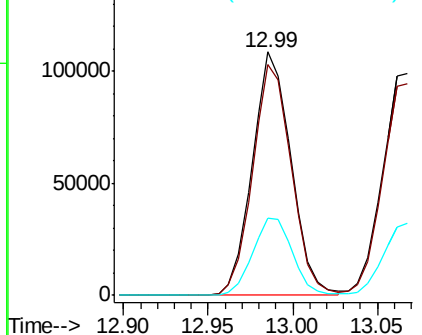
#43
 2,4,6-Trichlorophenol
 Concen: 38.429 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

Tot Ion:196 Resp: 172580
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.0 115.6
 200 31.7 25.2 37.8

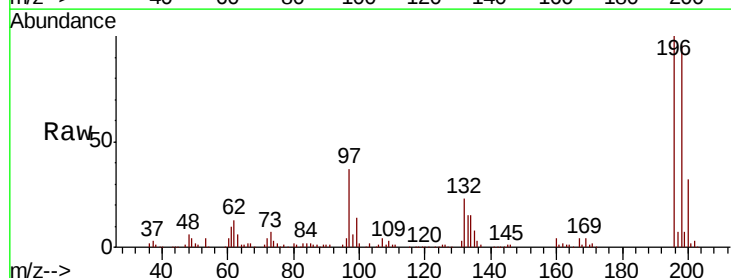


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

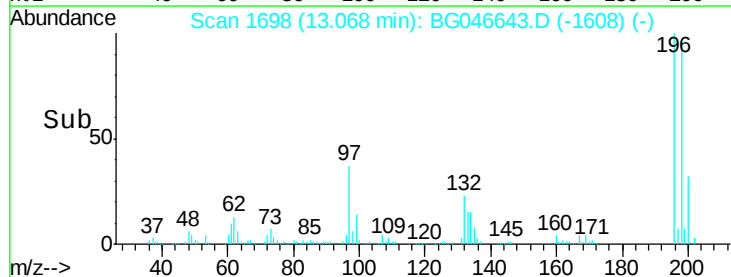
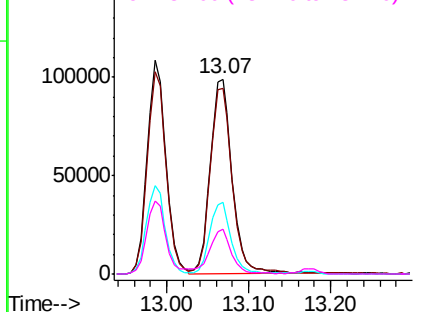


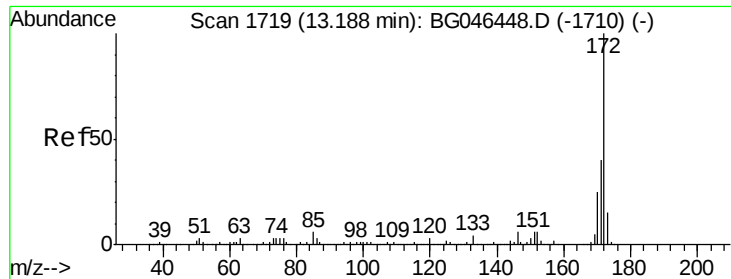
#44
 2,4,5-Trichlorophenol
 Concen: 39.149 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion:196 Resp: 184721
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.6 113.4
 97 36.6 28.6 43.0
 132 22.7 17.0 25.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

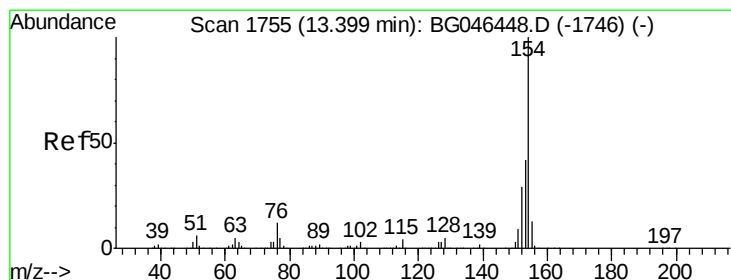
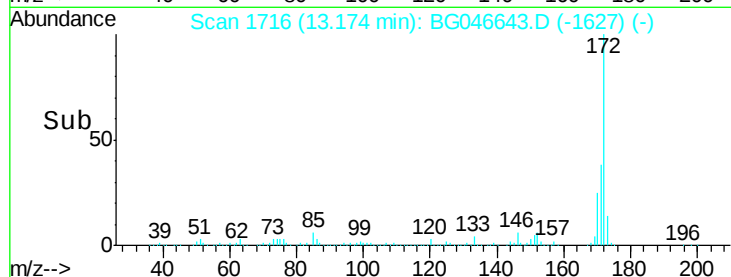
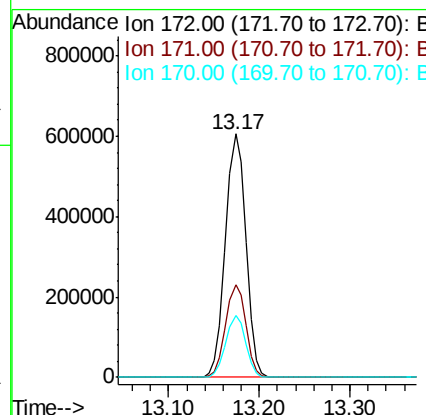
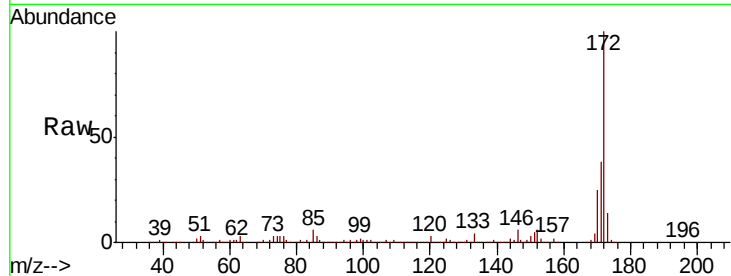




#45
2-Fluorobiphenyl
Concen: 71.468 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

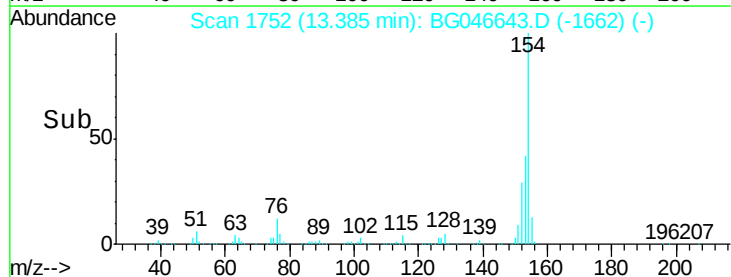
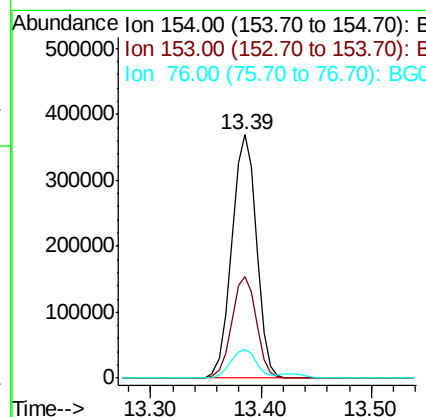
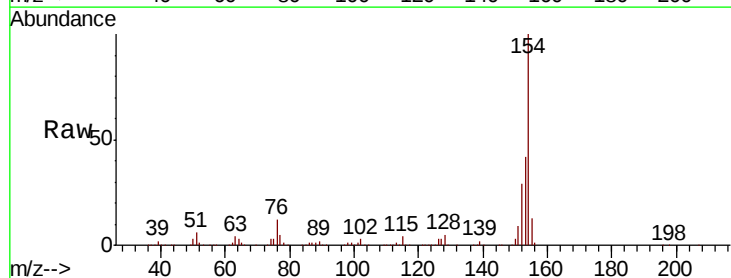
Instrument :
BNA_G
ClientSampleId :
PB131657BS

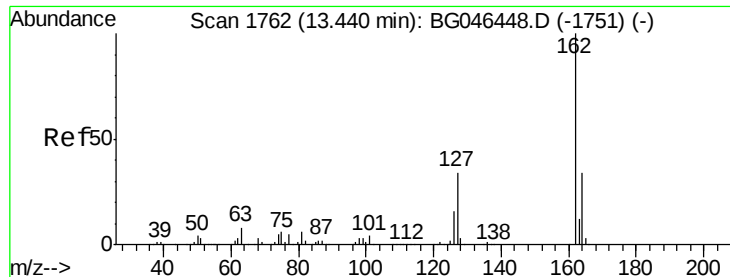
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.8	47.6
170	25.3	20.3	30.5



#46
1,1'-Biphenyl
Concen: 41.238 ng
RT: 13.39 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.0	62.0
76	11.9	0.0	32.3

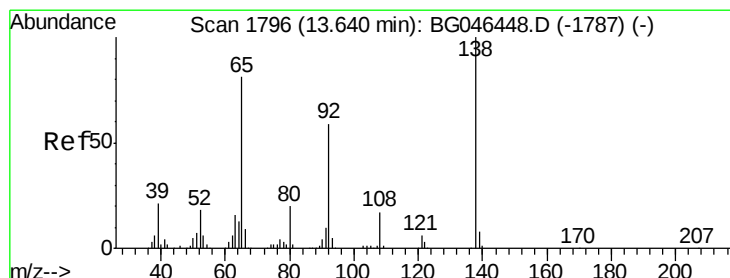
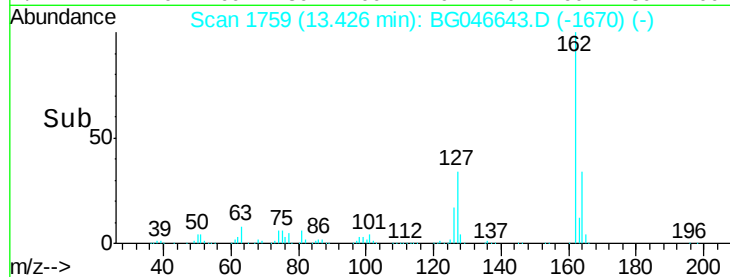
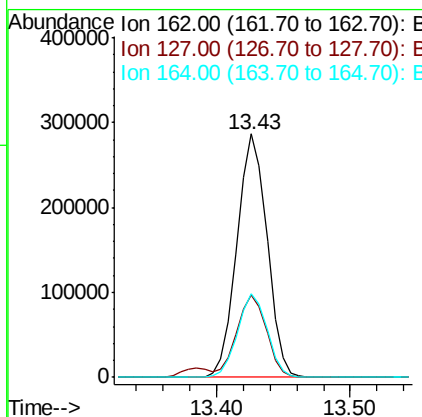
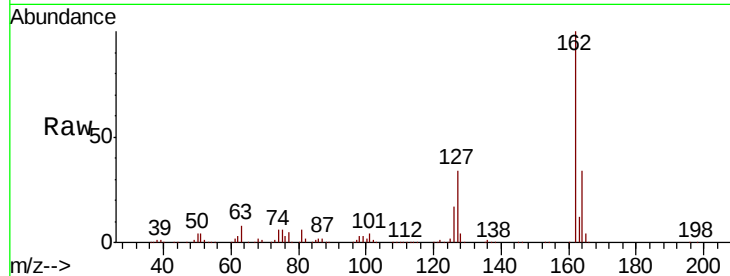




#47
 2-Chloronaphthalene
 Concen: 37.685 ng
 RT: 13.43 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

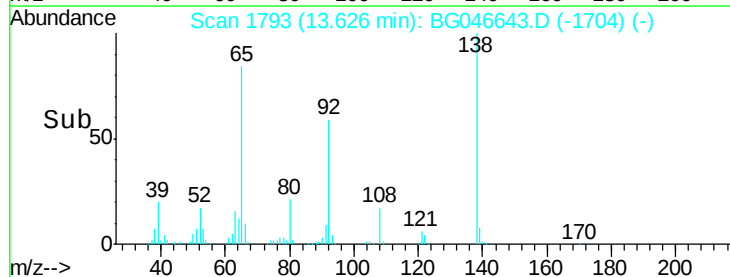
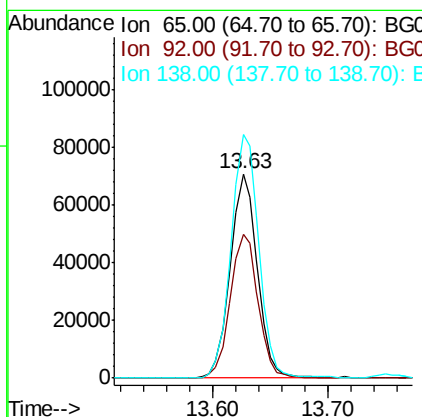
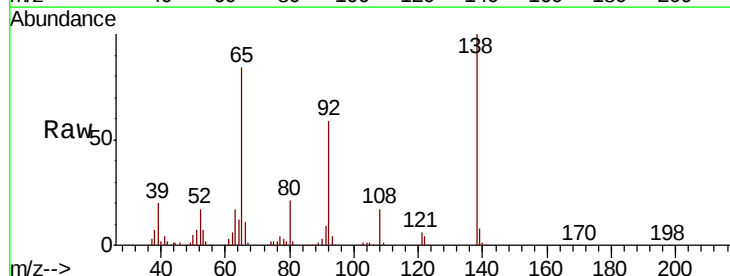
Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

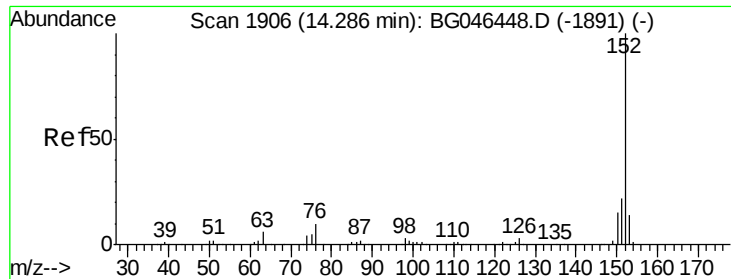
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.0	27.6	41.4
164	34.4	27.3	40.9



#48
 2-Nitroaniline
 Concen: 34.958 ng
 RT: 13.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	58.5	87.7
138	119.4	98.4	147.6





#49

Acenaphthylene

Concen: 38.992 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

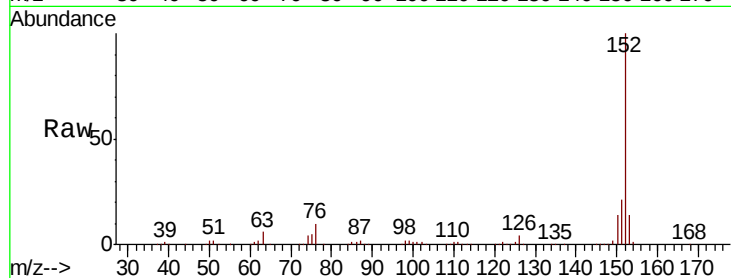
Tot Ion:152 Resp: 704111

Ion Ratio Lower Upper

152 100

151 21.5 17.7 26.5

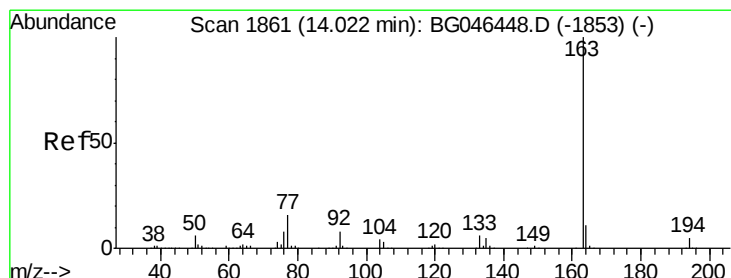
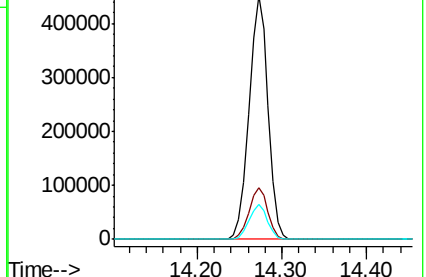
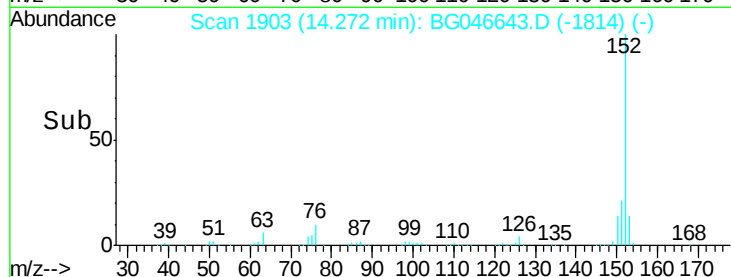
153 14.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.872 ng

RT: 14.01 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

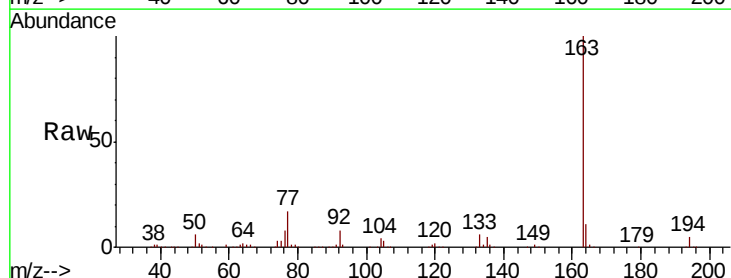
Tgt Ion:163 Resp: 560061

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

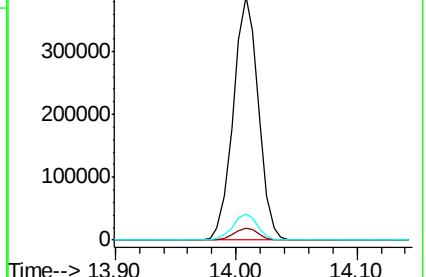
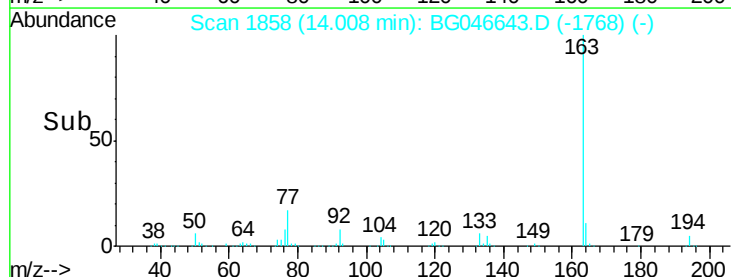
164 10.6 8.6 12.8

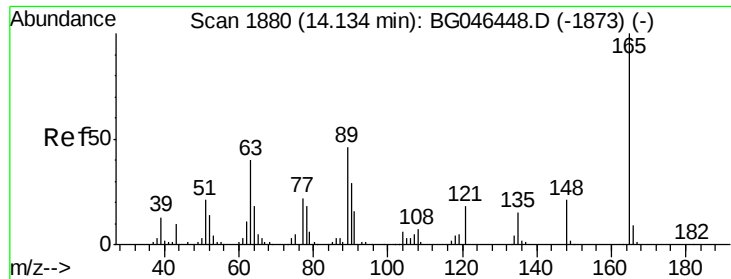


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

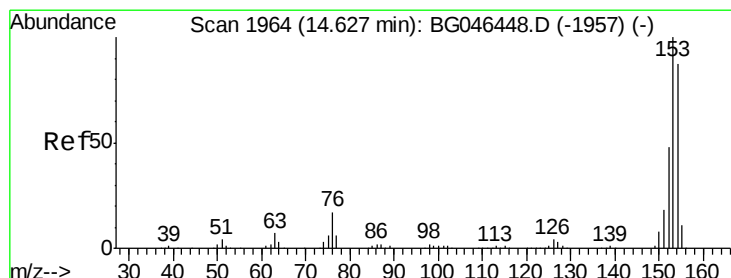
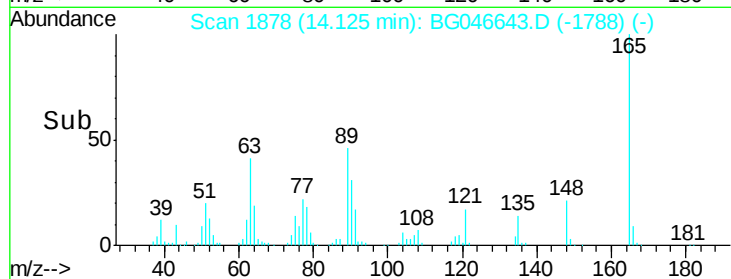
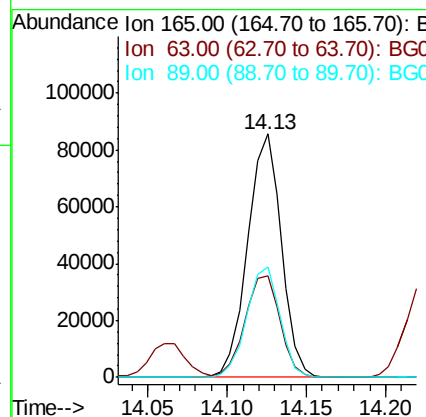
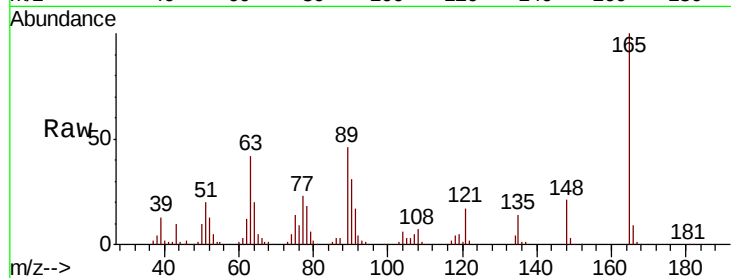




#51
 2,6-Dinitrotoluene
 Concen: 36.747 ng
 RT: 14.13 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

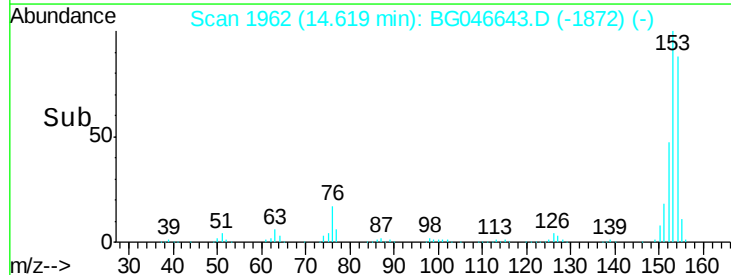
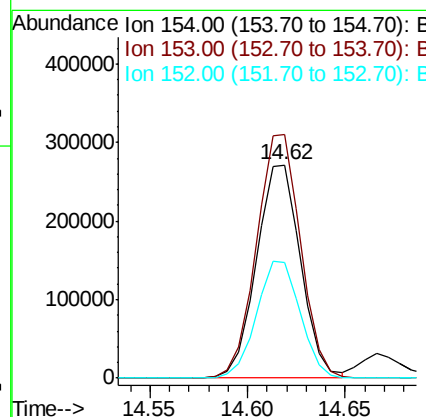
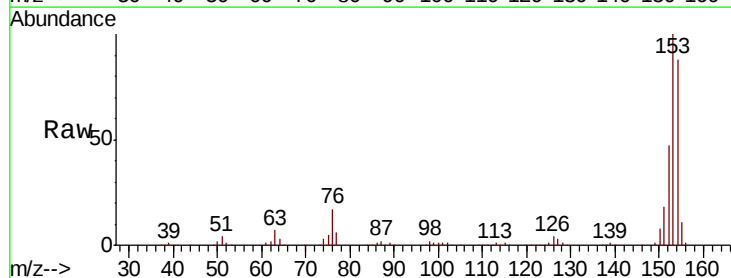
Instrument :
 BNA_G
 ClientSampled :
 PB131657BS

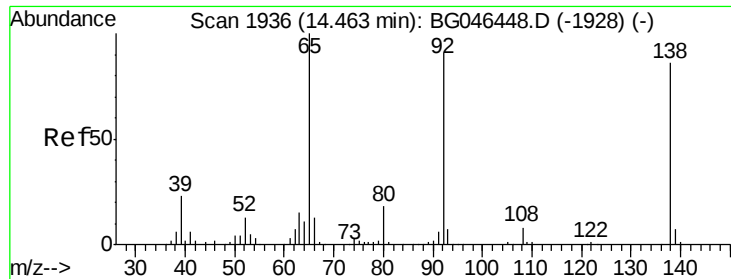
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	34.2	51.4
89	45.6	37.0	55.4



#52
 Acenaphthene
 Concen: 37.886 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.9	137.9
152	54.0	43.8	65.6





#53

3-Nitroaniline

Concen: 25.481 ng

RT: 14.45 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

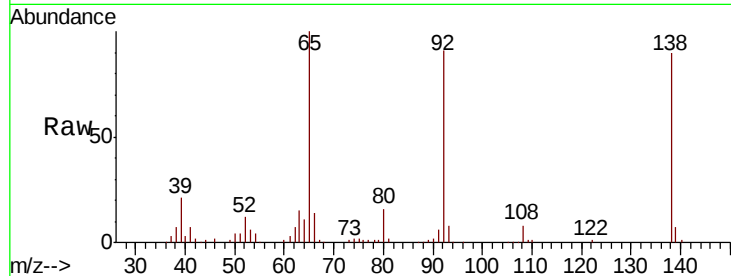
Tot Ion:138 Resp: 94991

Ion Ratio Lower Upper

138 100

108 9.1 7.0 10.6

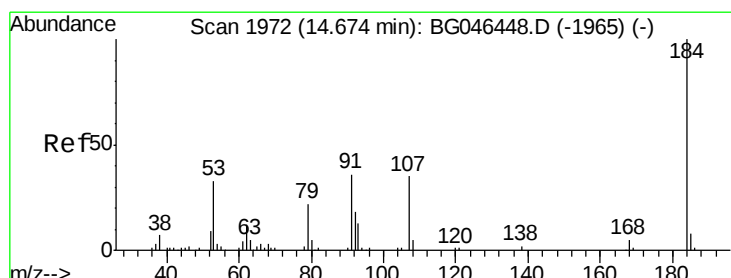
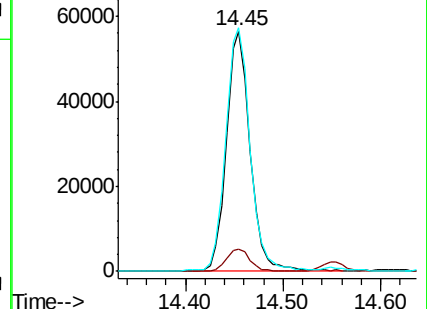
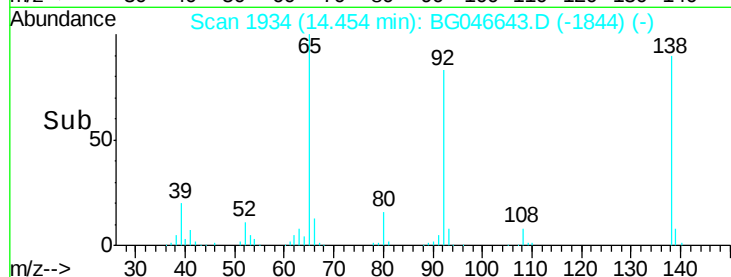
92 101.5 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 53.199 ng

RT: 14.67 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

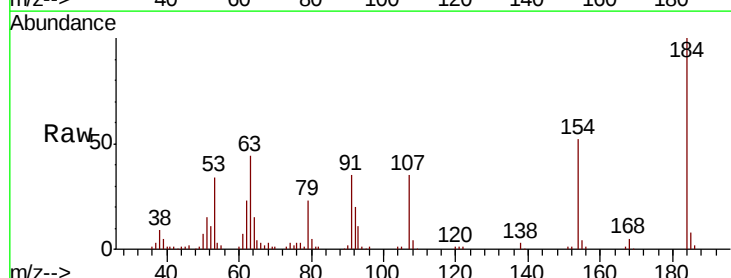
Tgt Ion:184 Resp: 106870

Ion Ratio Lower Upper

184 100

63 43.8 35.6 53.4

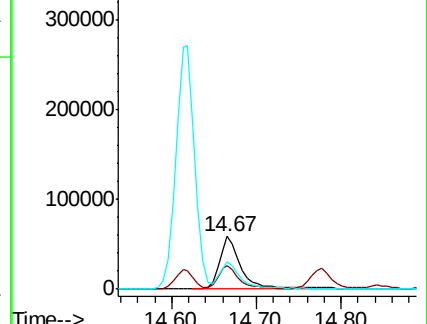
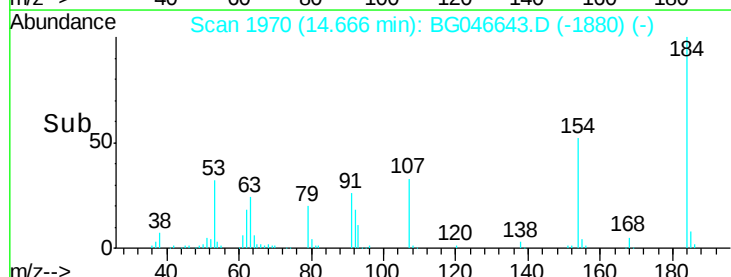
154 52.2 44.3 66.5

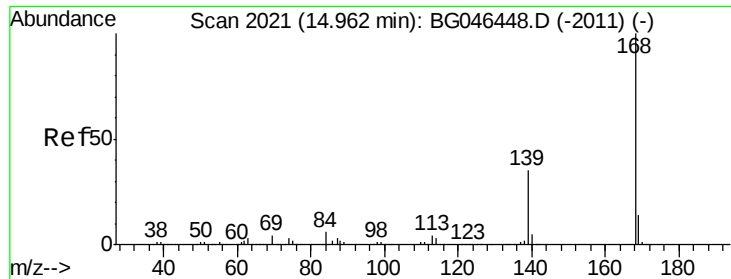


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

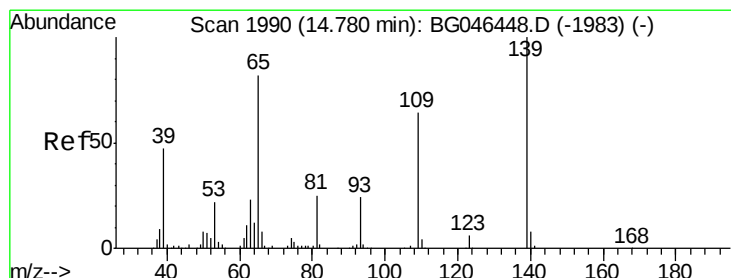
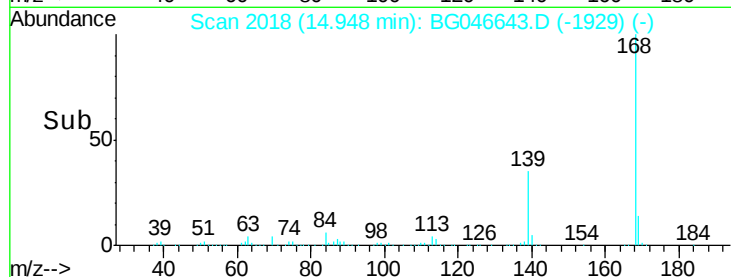
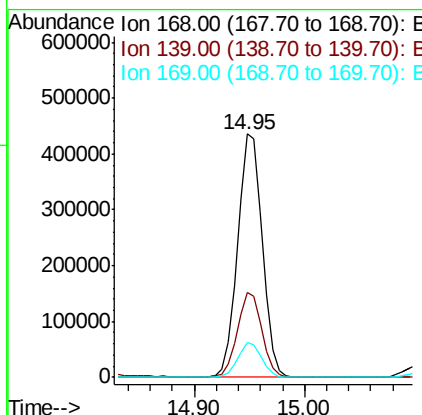
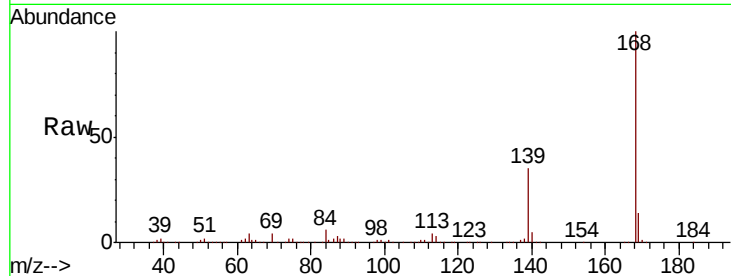




#55
Dibenzofuran
Concen: 38.061 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

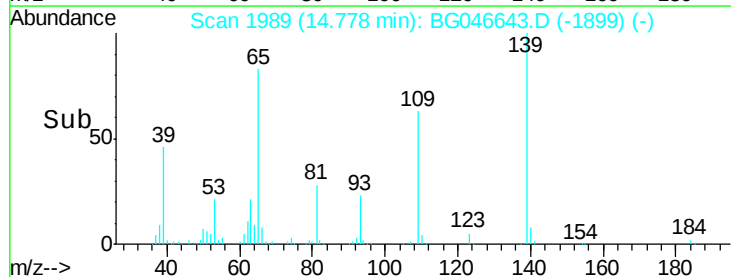
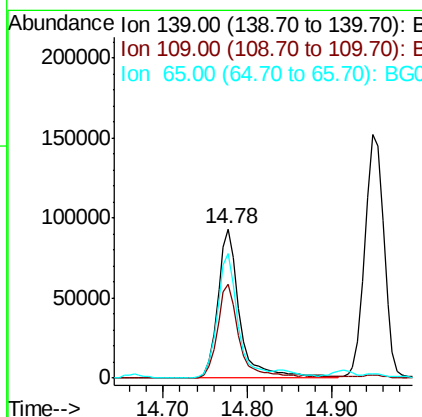
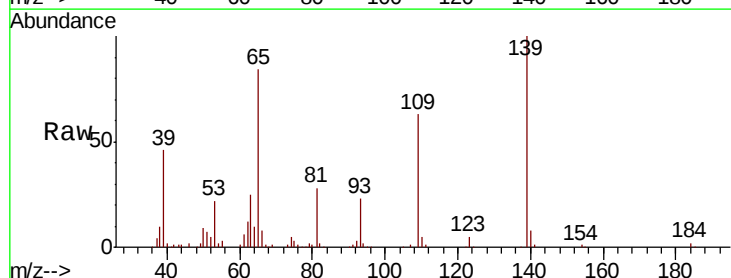
Instrument :
BNA_G
ClientSampleId :
PB131657BS

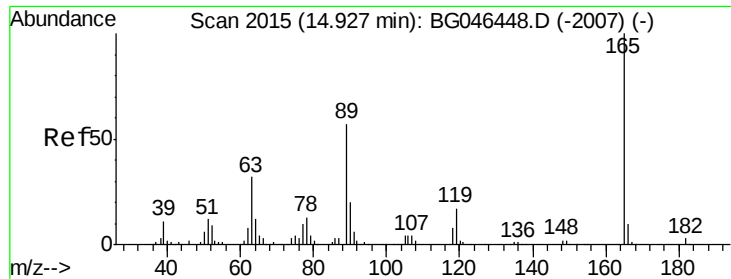
Tot Ion:168 Resp: 683510
Ion Ratio Lower Upper
168 100
139 34.9 28.1 42.1
169 14.3 11.5 17.3



#56
4-Nitrophenol
Concen: 62.202 ng
RT: 14.78 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion:139 Resp: 170657
Ion Ratio Lower Upper
139 100
109 63.4 44.3 84.3
65 83.7 61.5 101.5

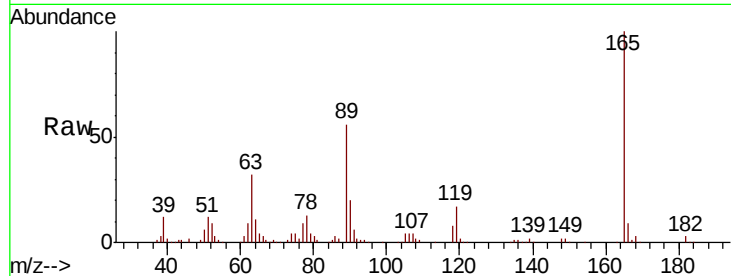




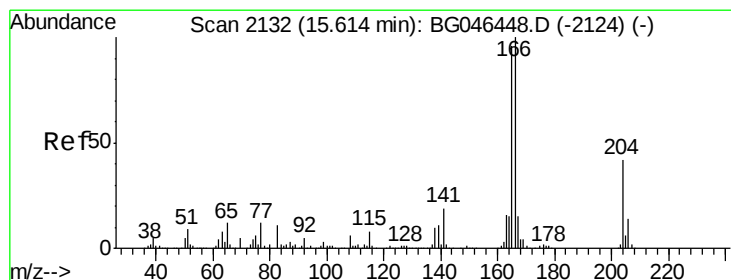
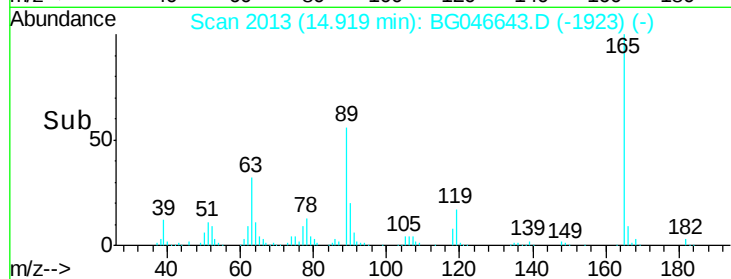
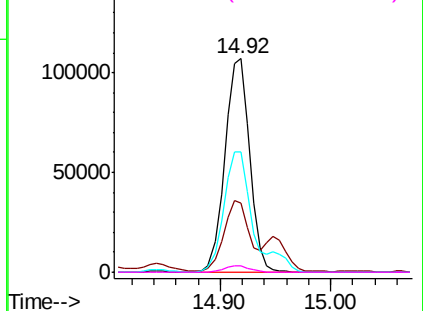
#57
 2,4-Dinitrotoluene
 Concen: 34.326 ng
 RT: 14.92 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

Tot Ion:165	Resp:	168445
Ion Ratio	Lower	Upper
165	100	
63	32.4	25.4 38.0
89	56.3	45.9 68.9
182	2.9	2.3 3.5

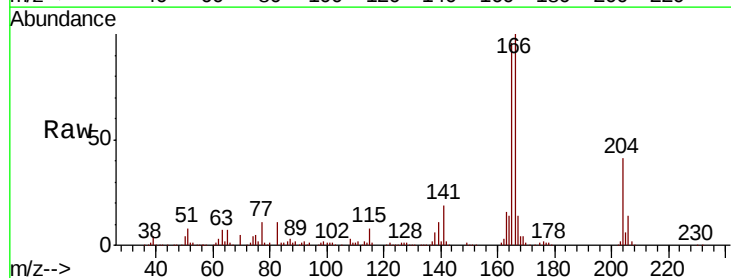


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

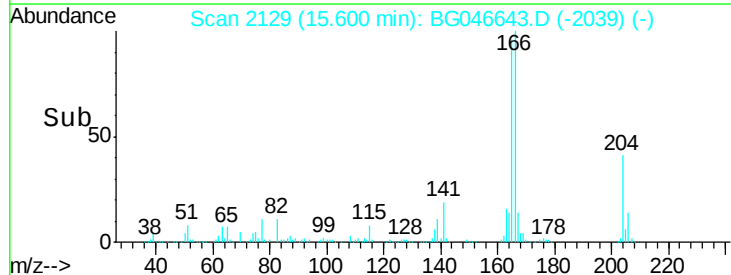
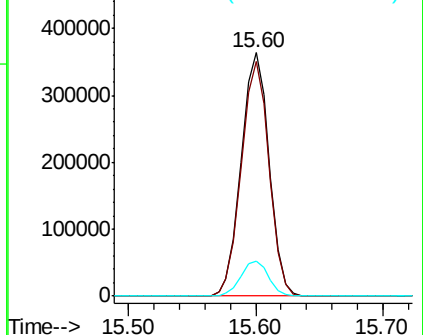


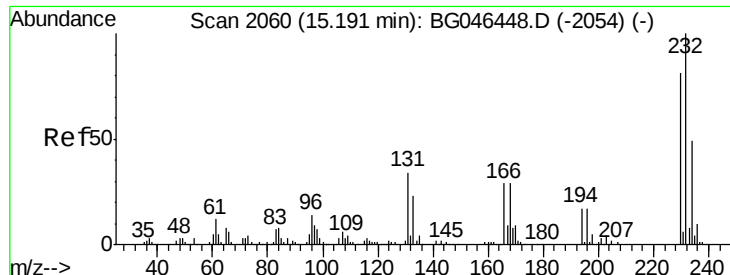
#58
 Fluorene
 Concen: 36.798 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion:166	Resp:	554635
Ion Ratio	Lower	Upper
166	100	
165	96.4	77.0 115.4
167	14.3	11.8 17.6



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

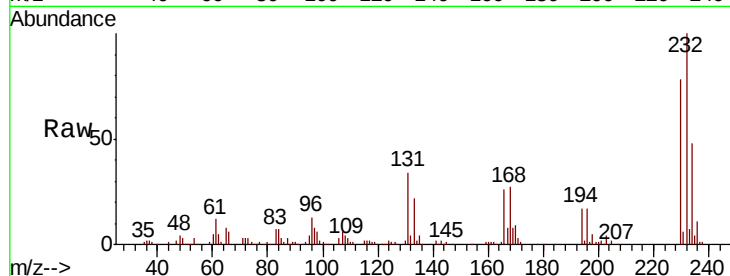




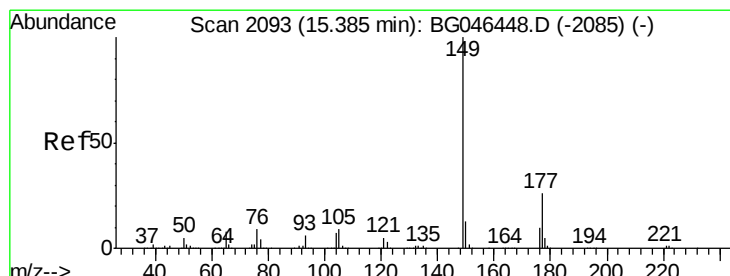
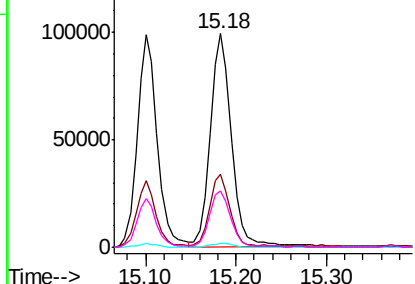
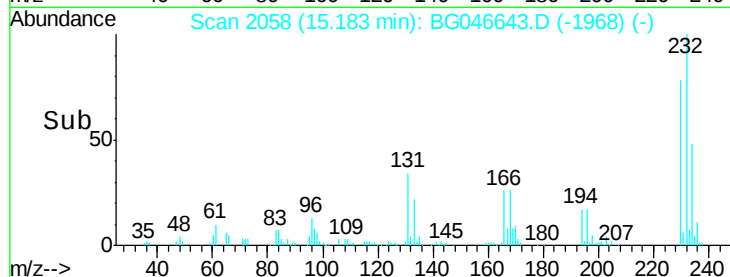
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.821 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

Tot Ion:	232	Resp:	159545
Ion	Ratio	Lower	Upper
232	100		
131	33.5	26.8	40.2
130	1.8	1.4	2.2
166	26.6	22.8	34.2

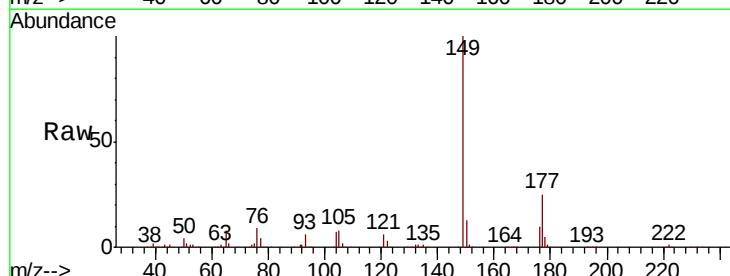


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

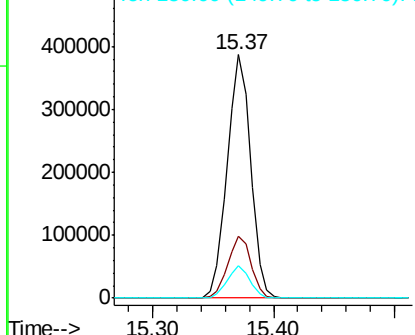
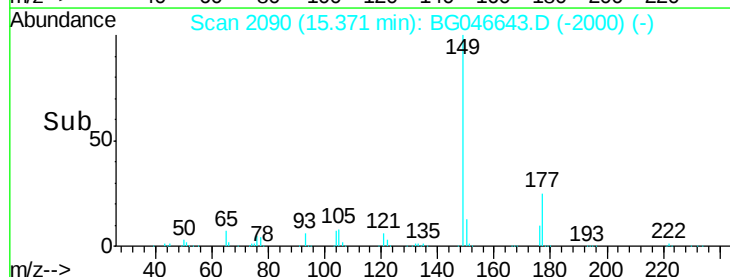


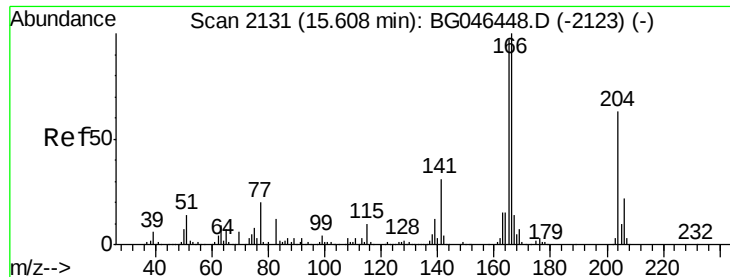
#60
 Diethylphthalate
 Concen: 34.306 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion:	149	Resp:	522214
Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.6	30.8
150	13.1	10.3	15.5



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

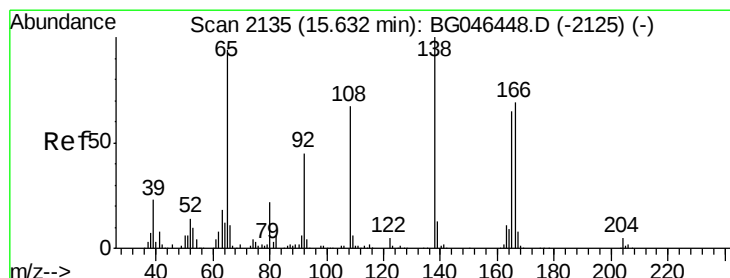
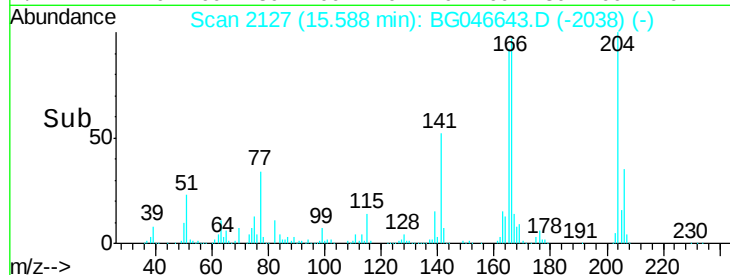
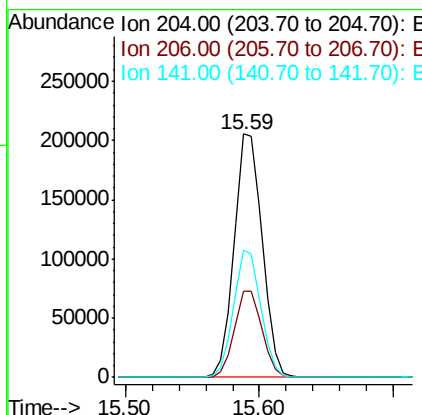
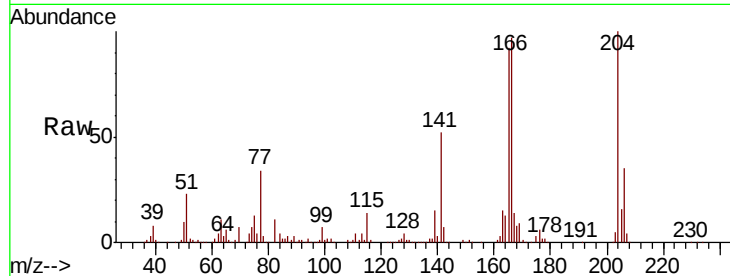




#61
4-Chlorophenyl-phenylether
Concen: 36.179 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

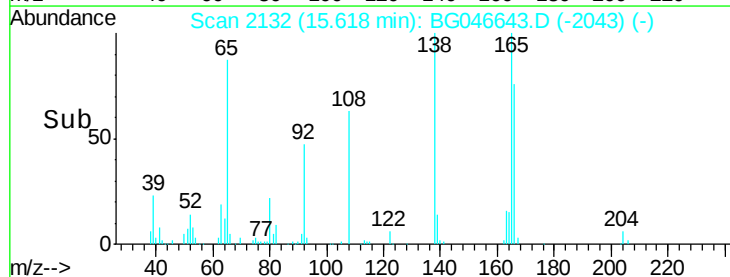
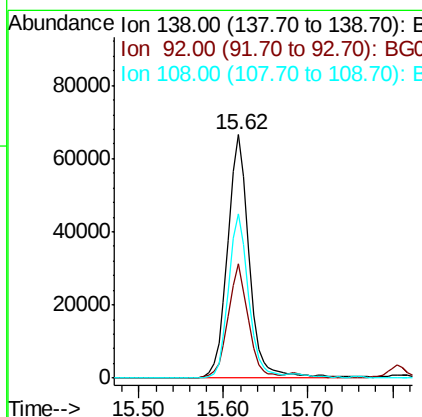
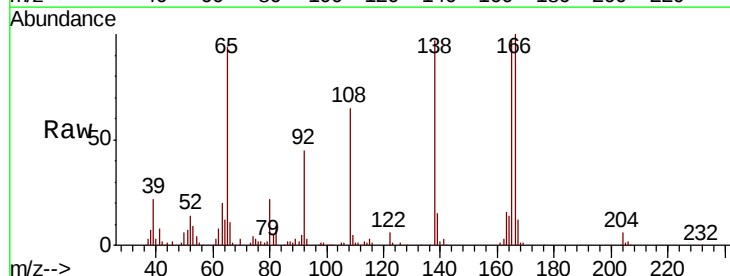
Instrument :
BNA_G
ClientSampled :
PB131657BS

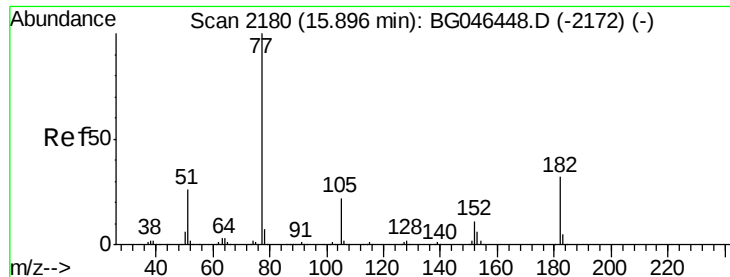
Tot Ion:204 Resp: 300321
Ion Ratio Lower Upper
204 100
206 35.3 27.7 41.5
141 52.0 38.7 58.1



#62
4-Nitroaniline
Concen: 29.770 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion:138 Resp: 117099
Ion Ratio Lower Upper
138 100
92 46.7 25.3 65.3
108 67.4 46.7 86.7

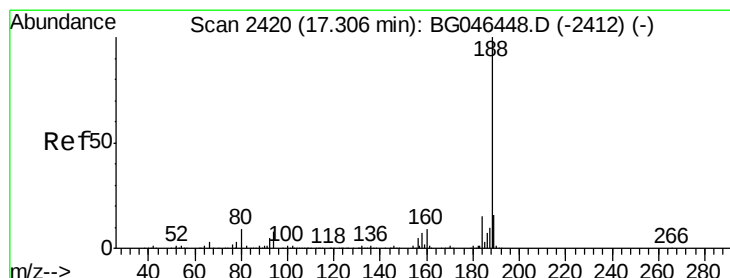
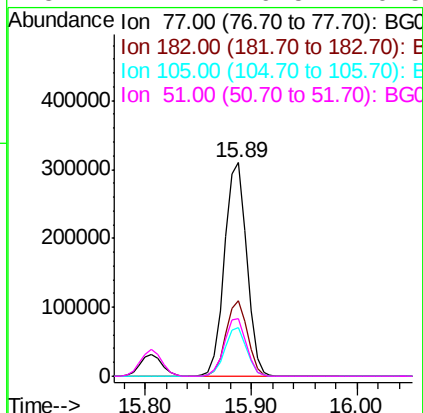
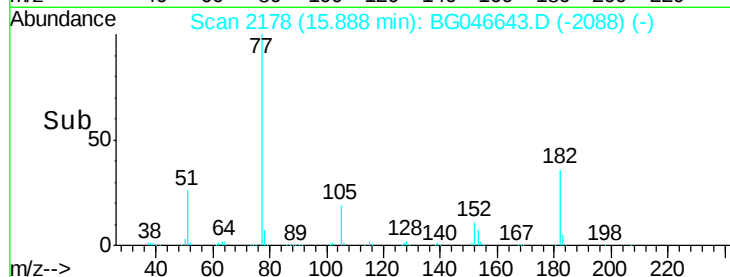
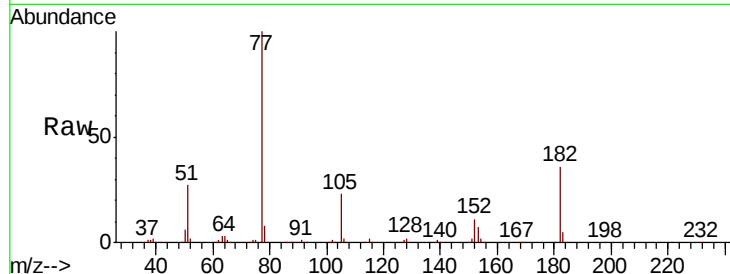




#63
Azobenzene
Concen: 36.472 ng
RT: 15.89 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

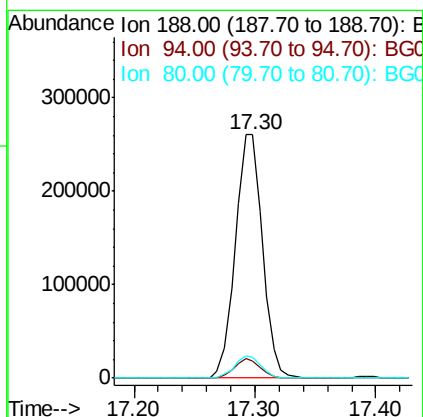
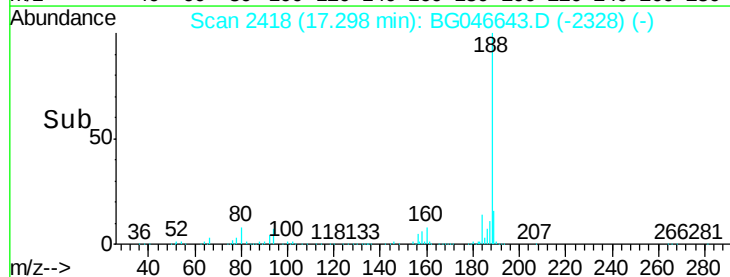
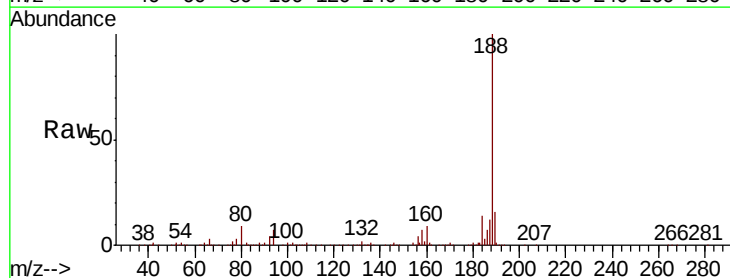
Instrument :
BNA_G
ClientSampleId :
PB131657BS

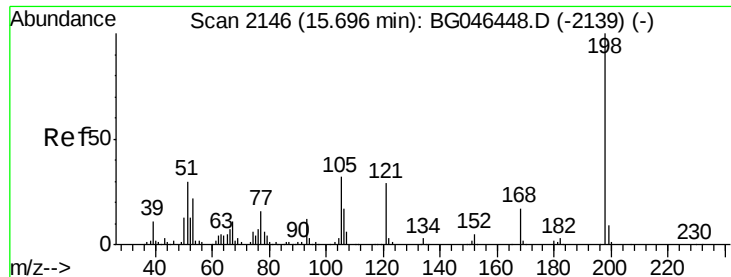
Tot Ion: 77 Resp: 451608
Ion Ratio Lower Upper
77 100
182 35.6 12.3 52.3
105 23.0 2.3 42.3
51 27.1 6.5 46.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion: 188 Resp: 408468
Ion Ratio Lower Upper
188 100
94 7.1 6.3 9.5
80 8.6 6.9 10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 40.737 ng

RT: 15.68 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

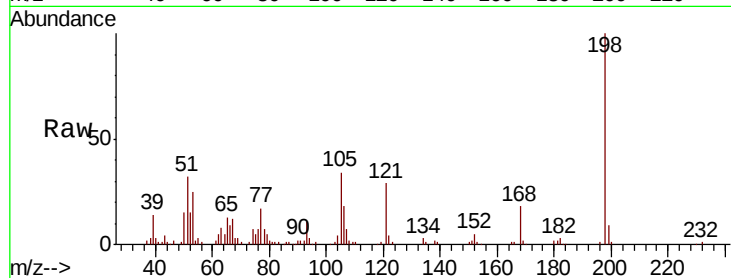
Tot Ion:198 Resp: 94183

Ion	Ratio	Lower	Upper
198	100		
51	32.5	10.4	50.4
105	34.3	12.4	52.4

198 100

51 32.5 10.4 50.4

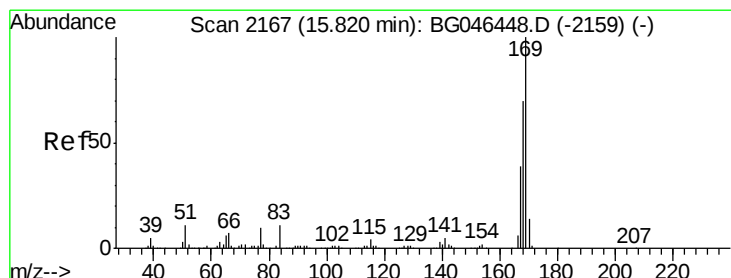
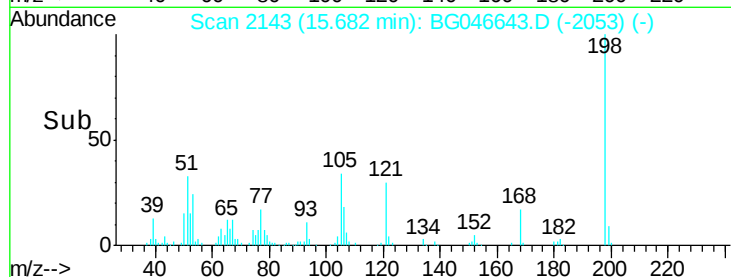
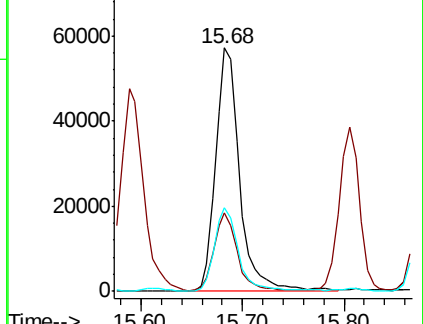
105 34.3 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.606 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

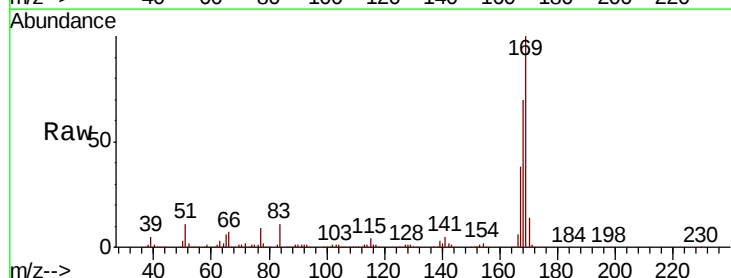
Tgt Ion:169 Resp: 480522

Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.8	83.8
167	38.4	31.0	46.6

169 100

168 69.7 55.8 83.8

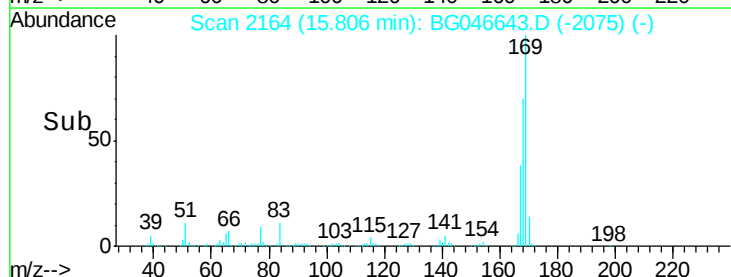
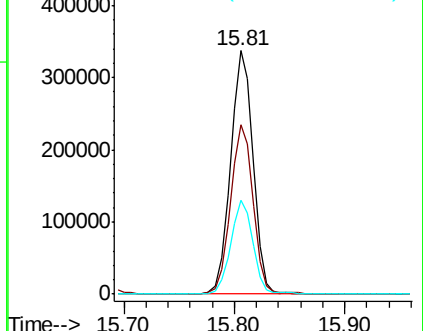
167 38.4 31.0 46.6

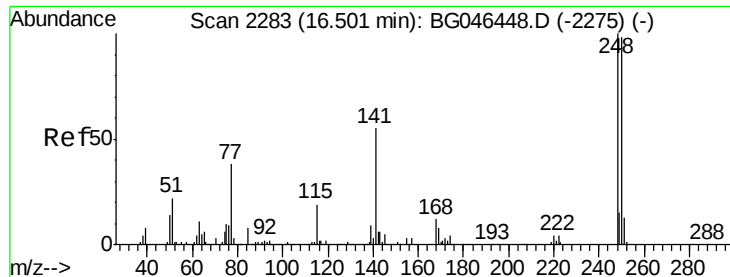


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

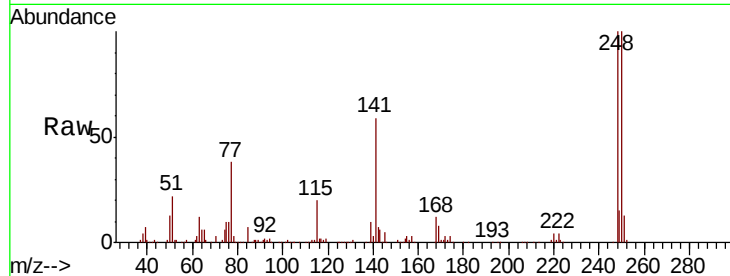




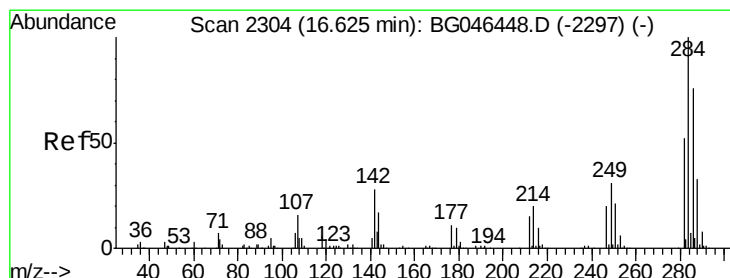
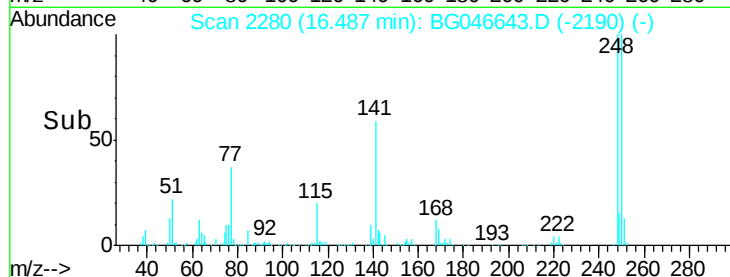
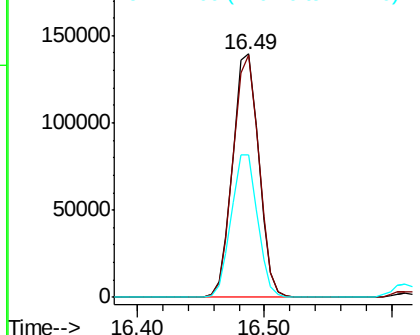
#67
4-Bromophenyl-phenylether
Concen: 41.759 ng
RT: 16.49 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Instrument :
BNA_G
ClientSampleId :
PB131657BS

Tot Ion:248 Resp: 199002
Ion Ratio Lower Upper
248 100
250 99.7 78.6 118.0
141 58.5 43.9 65.9

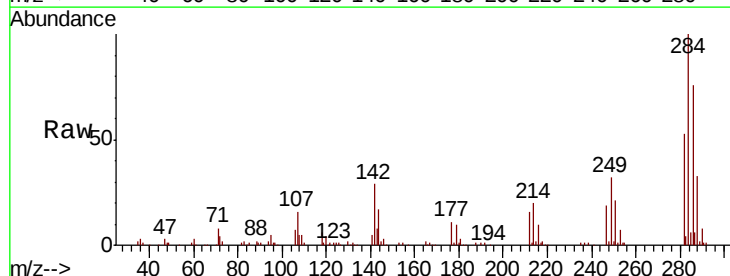


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

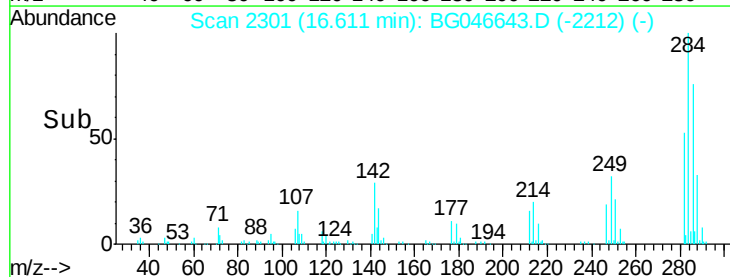
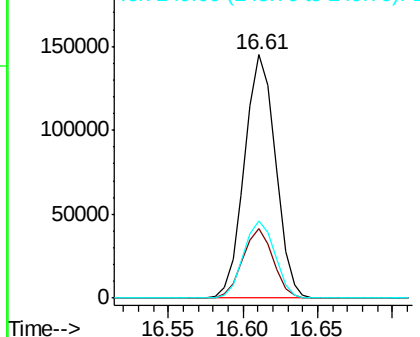


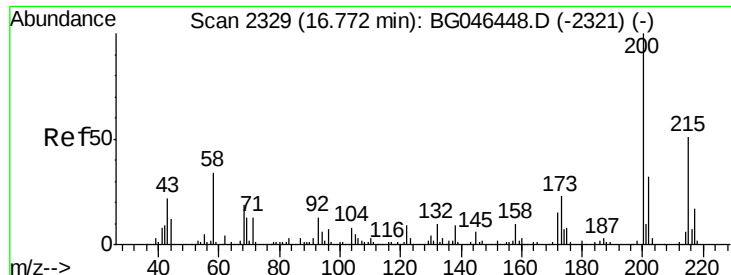
#68
Hexachlorobenzene
Concen: 39.579 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion:284 Resp: 208888
Ion Ratio Lower Upper
284 100
142 28.6 22.3 33.5
249 31.8 24.8 37.2



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

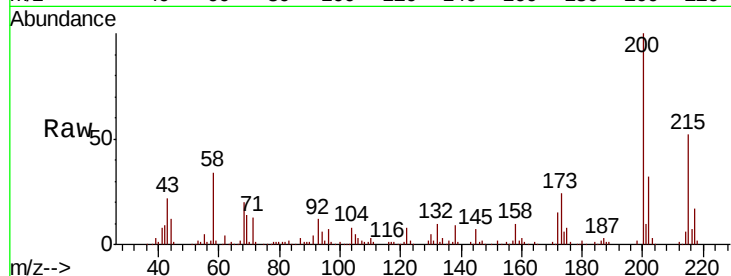




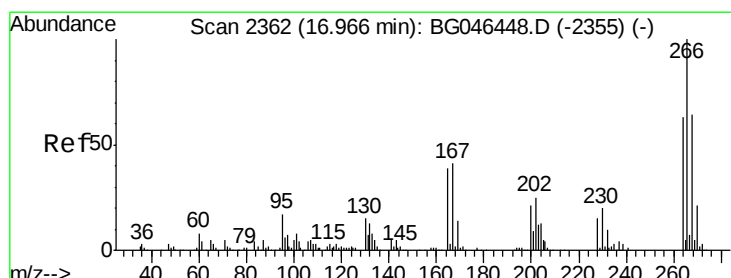
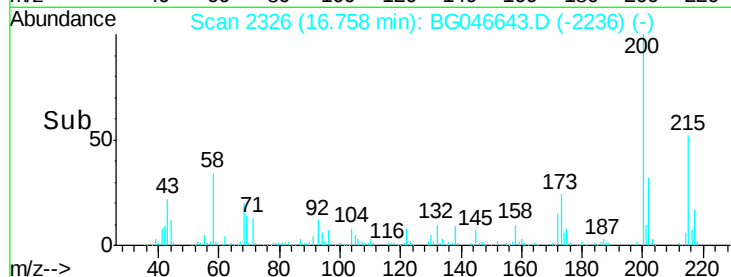
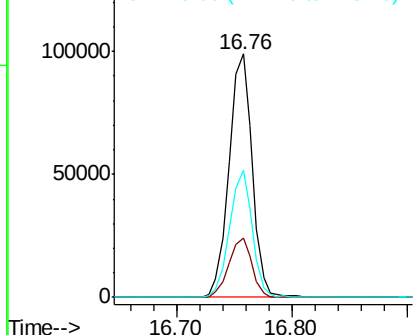
#69
 Atrazine
 Concen: 30.527 ng
 RT: 16.76 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	3.3	43.3
215	52.0	30.9	70.9

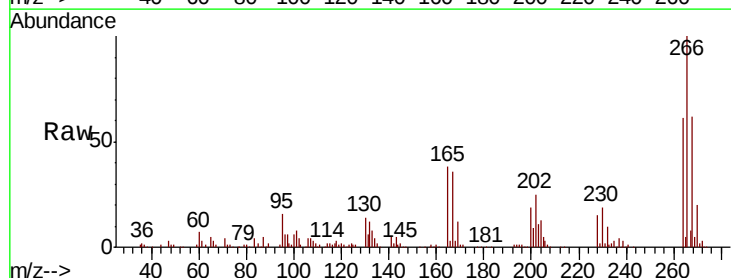


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

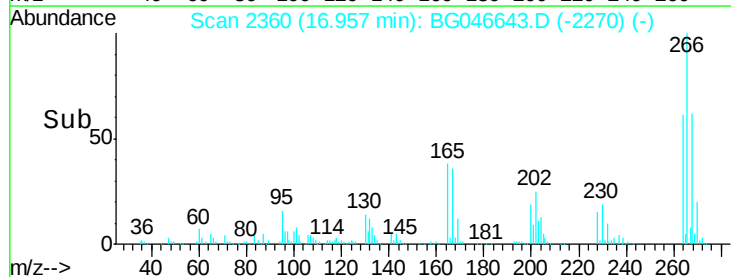
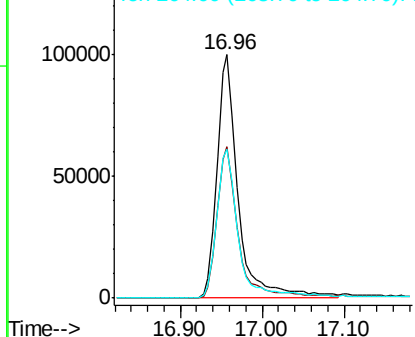


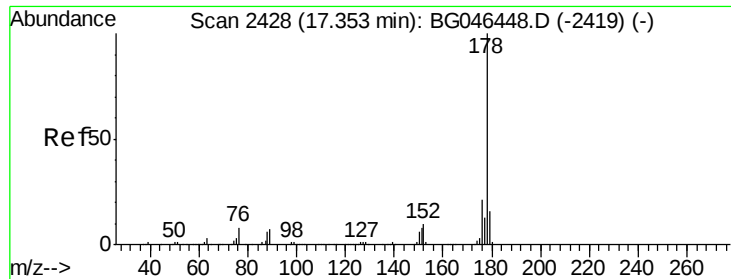
#70
 Pentachlorophenol
 Concen: 65.802 ng
 RT: 16.96 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	61.2	50.2	75.2



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

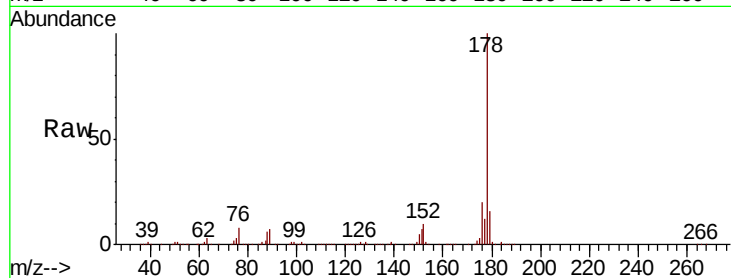




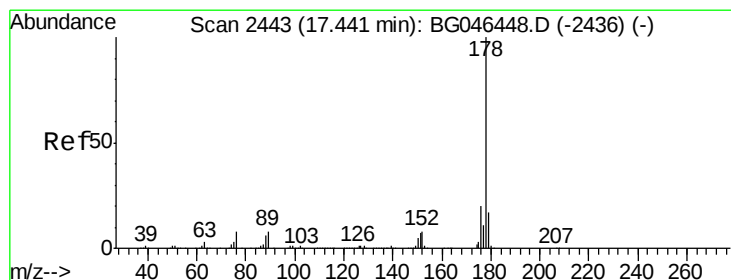
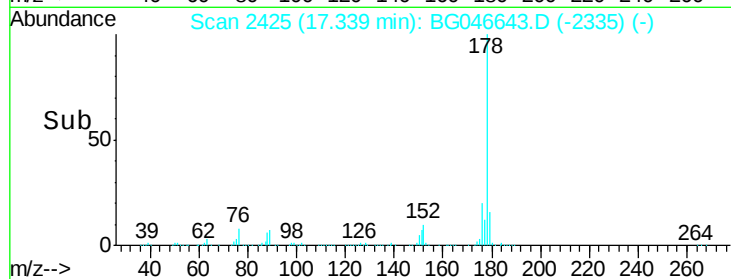
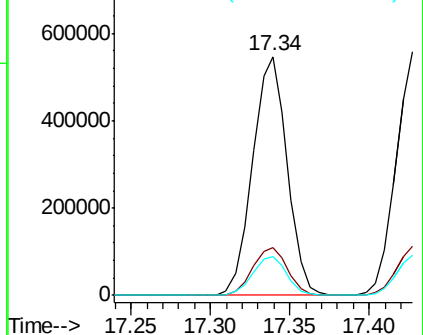
#71
 Phenanthrene
 Concen: 39.903 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

Tot Ion:178 Resp: 826145
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.8 25.2
 179 16.3 13.2 19.8

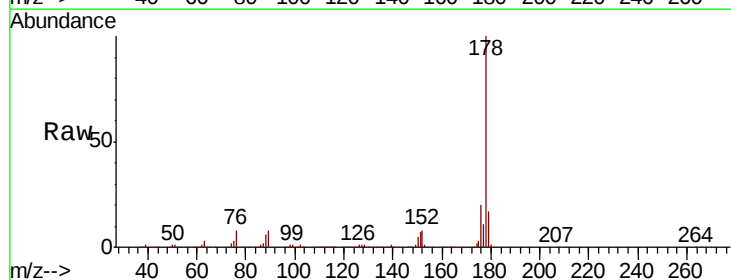


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

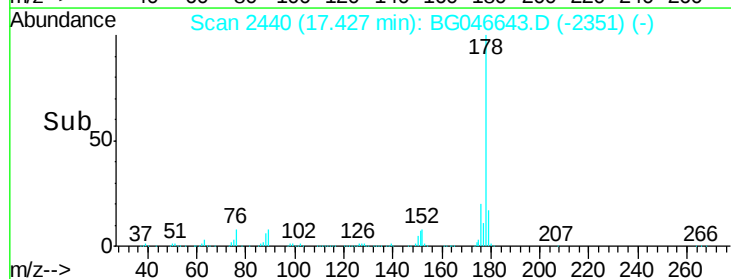
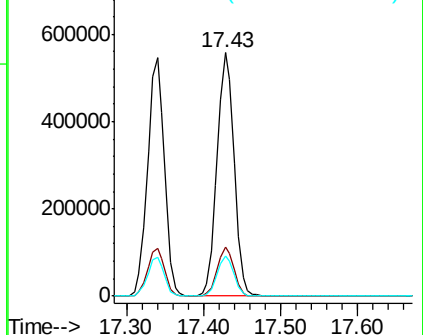


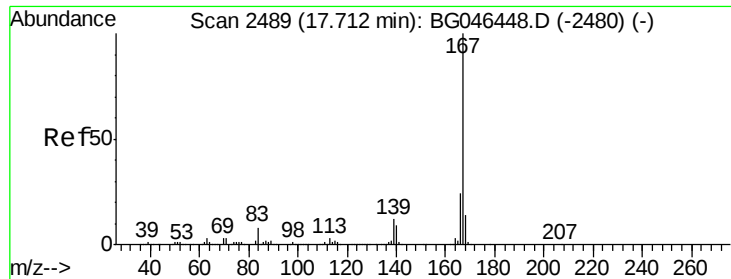
#72
 Anthracene
 Concen: 41.554 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion:178 Resp: 848829
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.1 24.1
 179 16.6 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

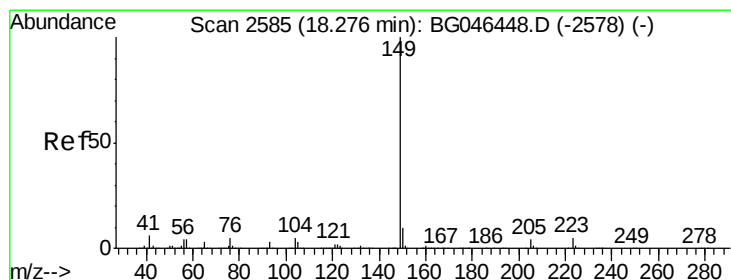
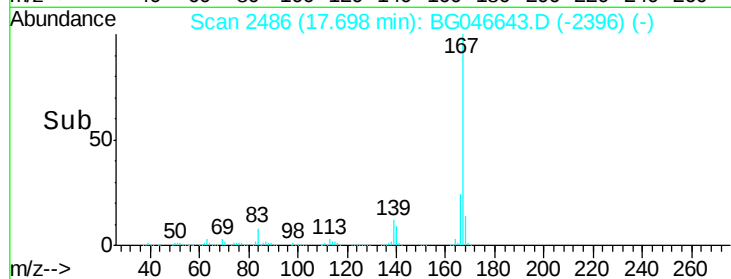
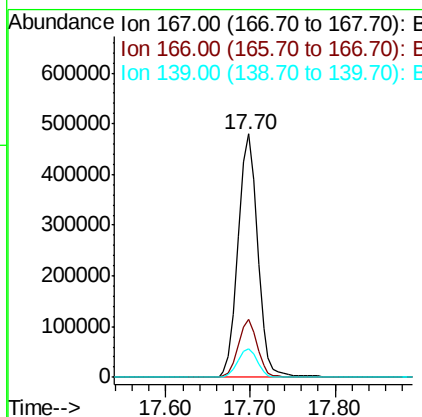
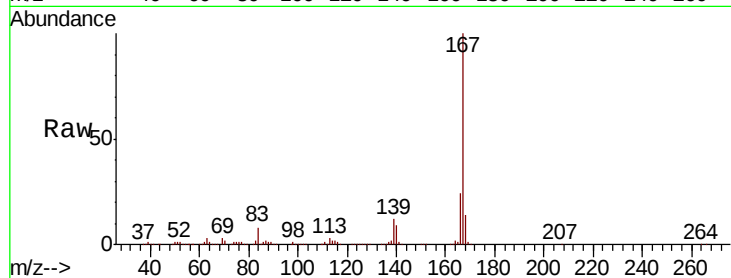




#73
 Carbazole
 Concen: 39.739 ng
 RT: 17.70 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

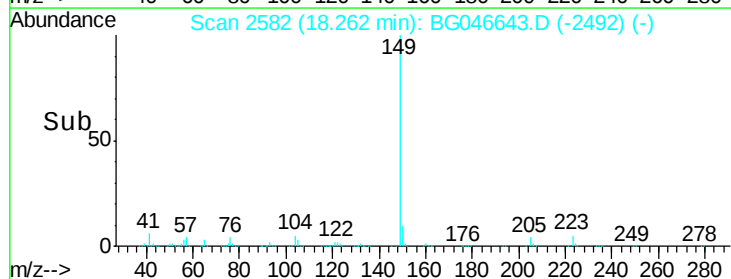
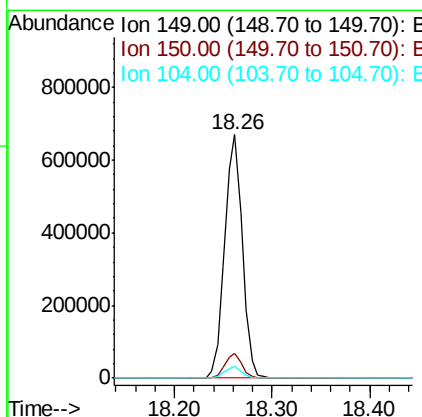
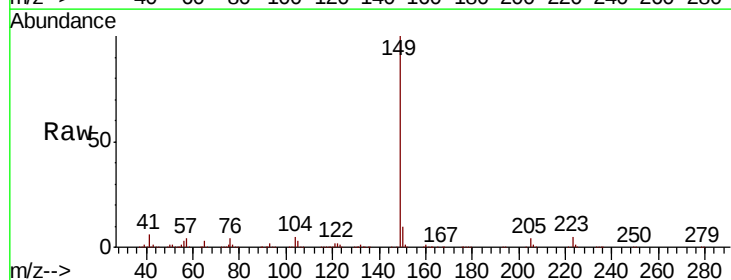
Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

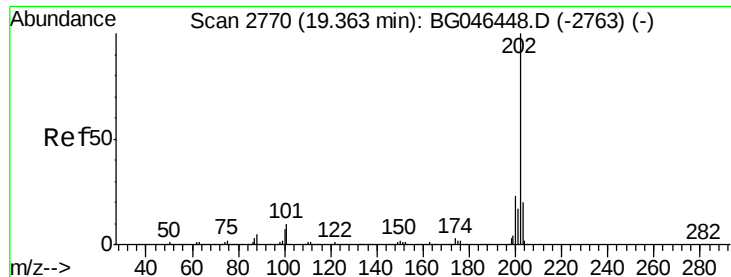
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.3	28.9
139	11.9	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 37.843 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	4.8	4.0	6.0





#75

Fluoranthene

Concen: 39.055 ng

RT: 19.35 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

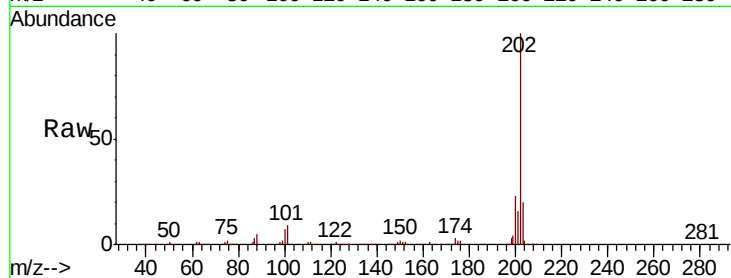
Tot Ion:202 Resp: 1040577

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.9
203	19.8	0.0	40.0

202 100

101 9.3 0.0 29.9

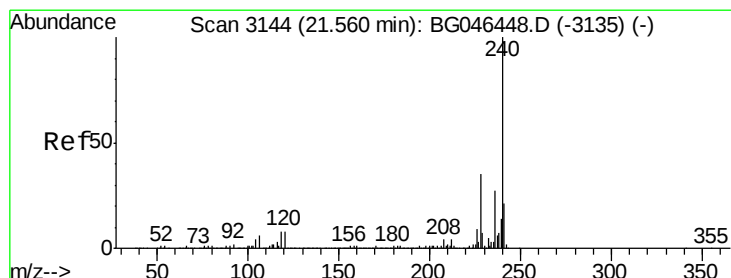
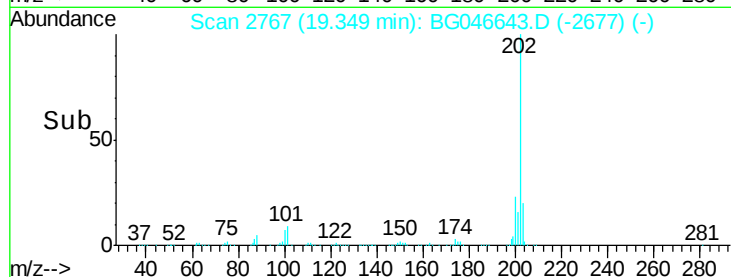
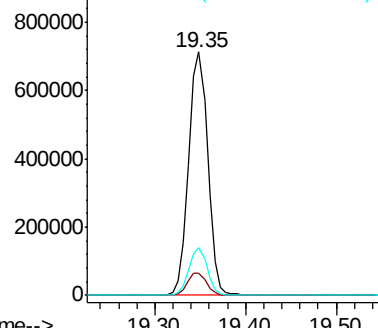
203 19.8 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

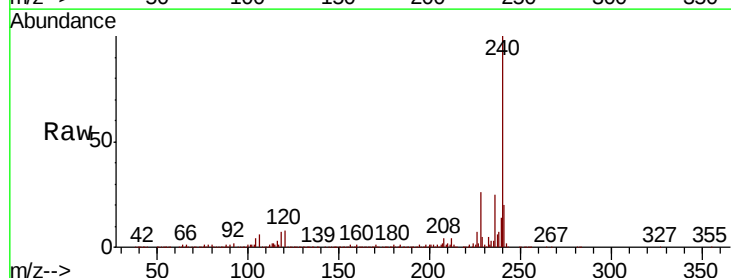
Tgt Ion:240 Resp: 435588

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.6	10.0
236	25.1	21.4	32.2

240 100

120 8.0 6.6 10.0

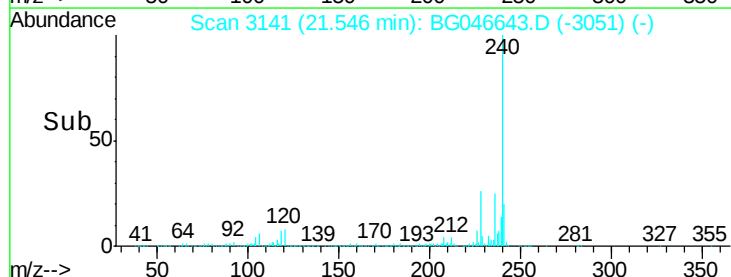
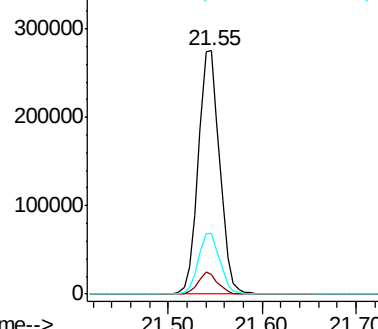
236 25.1 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.074 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

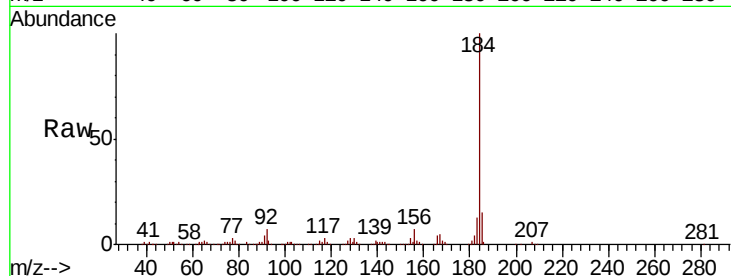
Tot Ion:184 Resp: 365128

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.8

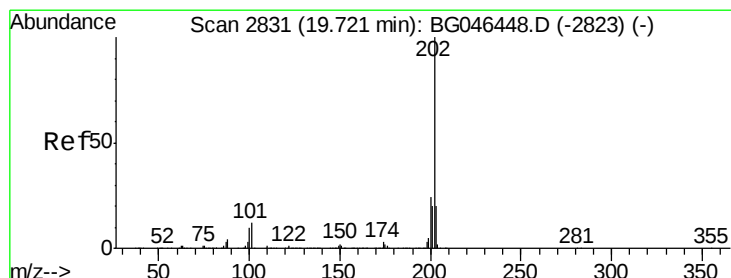
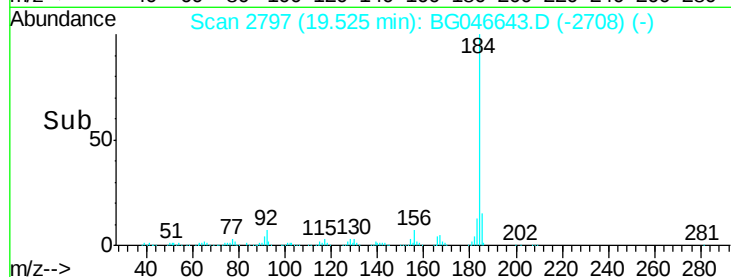
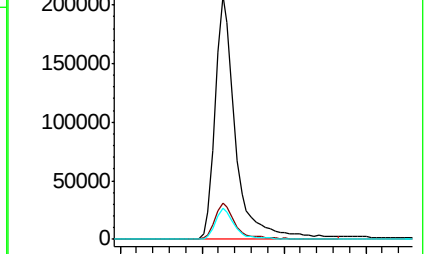
183 12.8 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.818 ng

RT: 19.71 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

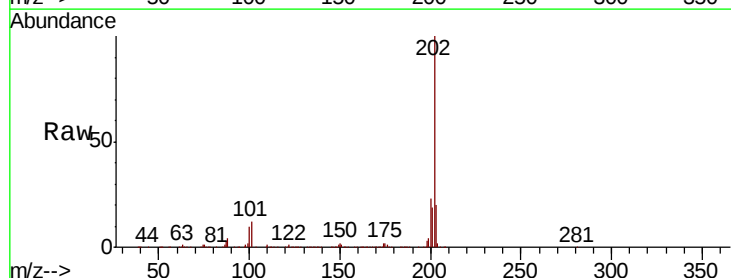
Tgt Ion:202 Resp: 1048999

Ion Ratio Lower Upper

202 100

200 22.7 18.9 28.3

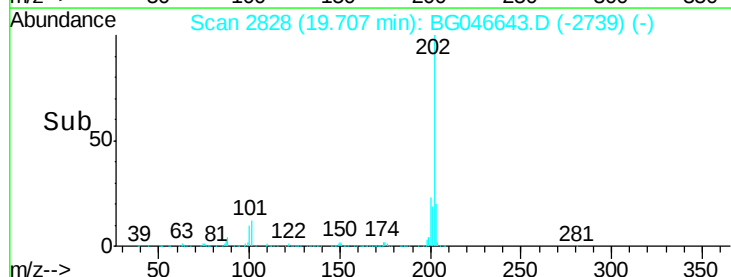
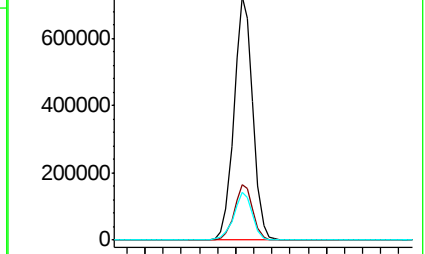
203 19.5 16.1 24.1

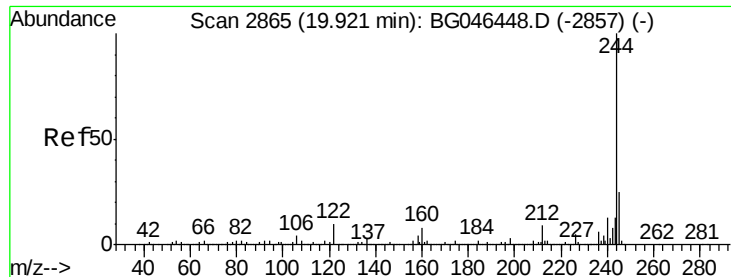


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.374 ng

RT: 19.91 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

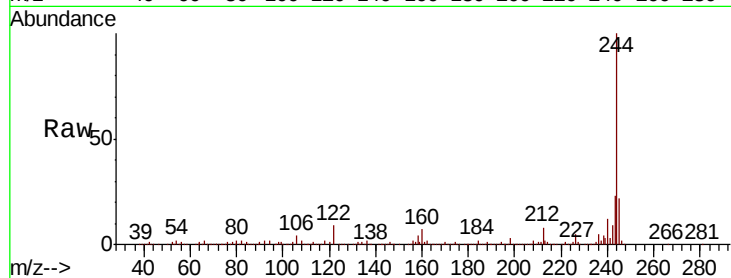
BNA_G

ClientSampleId :

PB131657BS

Tot Ion:244 Resp: 1297107

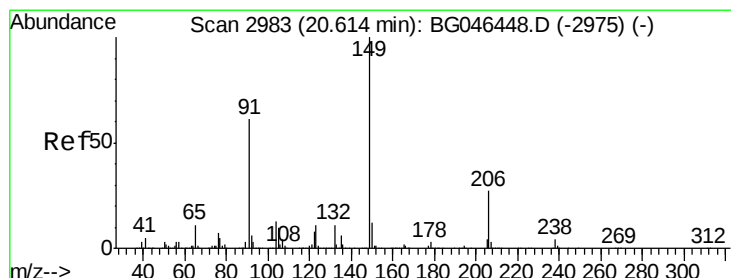
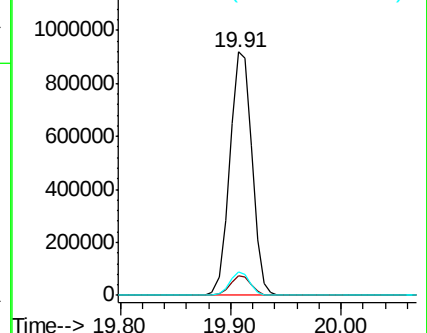
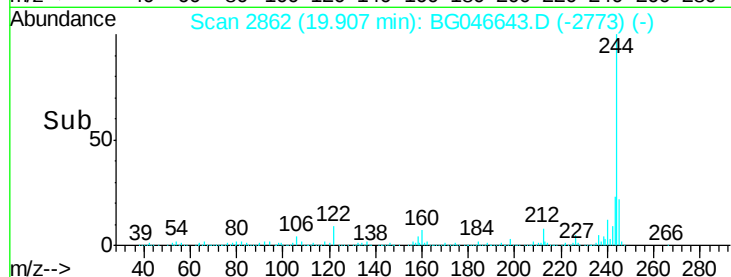
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	9.5	8.2	12.4



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: 37.129 ng

RT: 20.60 min Scan# 2980

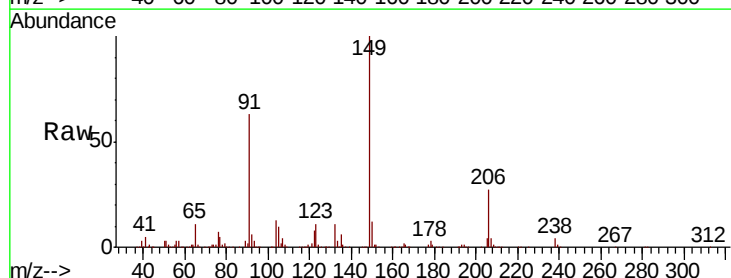
Delta R.T. 0.00 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Tgt Ion:149 Resp: 401710

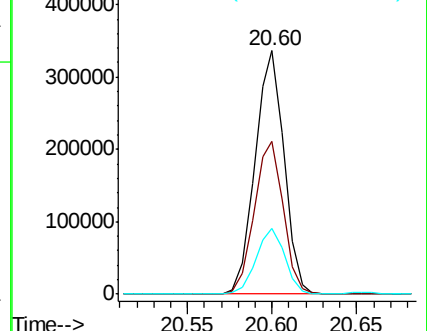
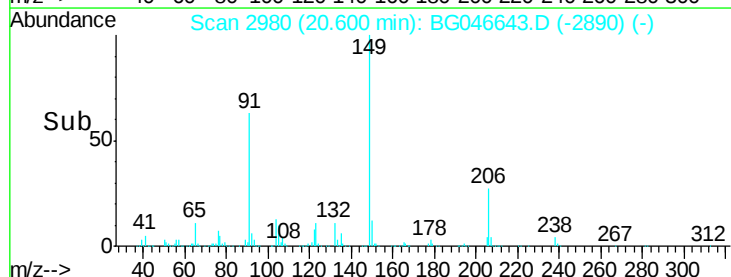
Ion	Ratio	Lower	Upper
149	100		
91	62.9	49.1	73.7
206	26.8	21.9	32.9

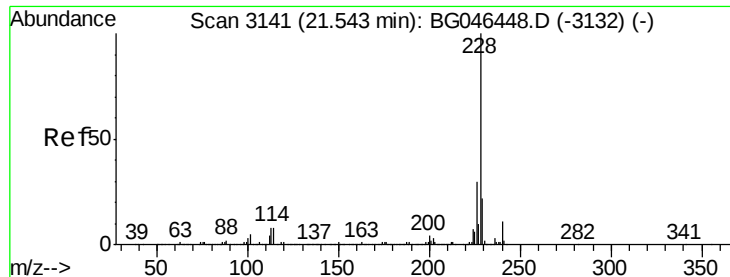


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

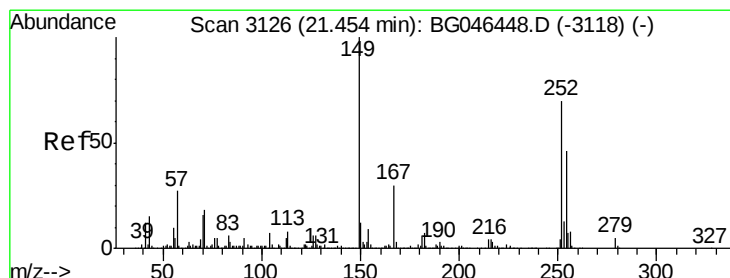
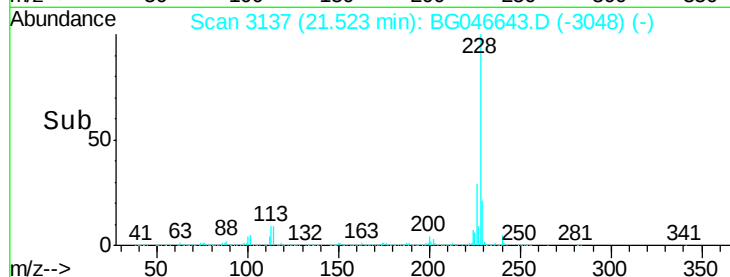
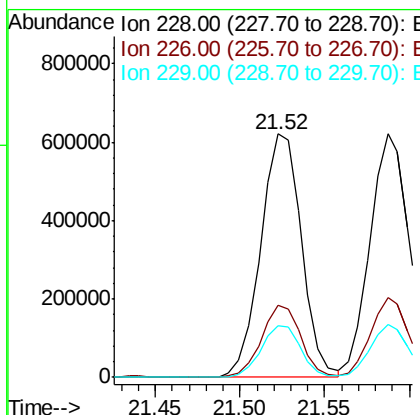
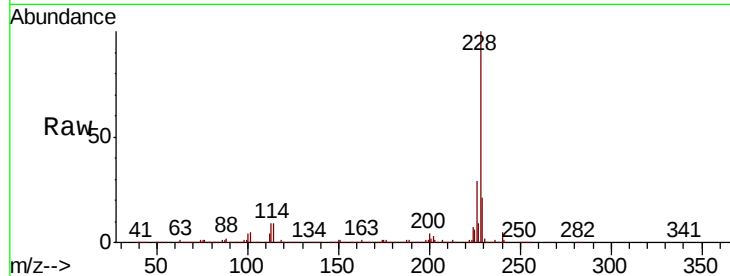




#81
Benzo(a)anthracene
Concen: 38.254 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

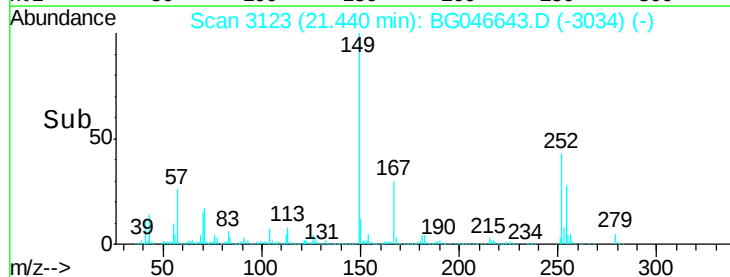
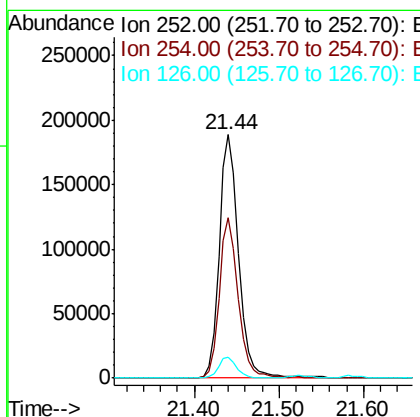
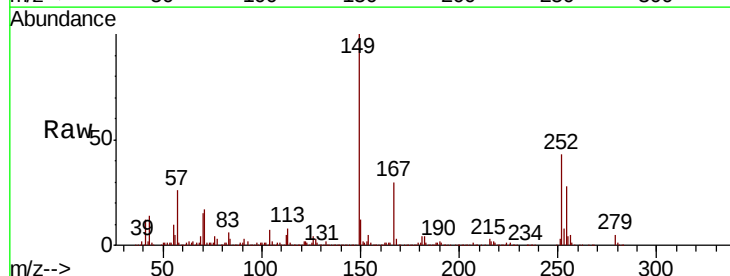
Instrument :
BNA_G
ClientSampleId :
PB131657BS

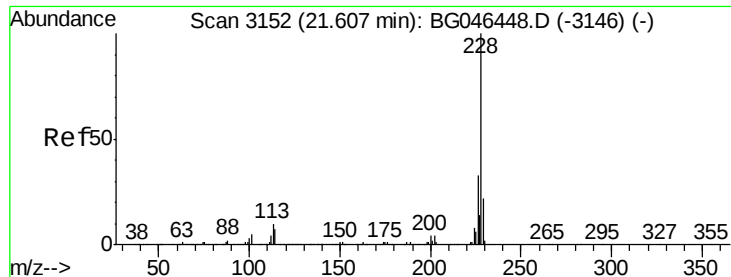
Tot Ion:228 Resp: 1038612
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.4
229 21.5 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 29.847 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion:252 Resp: 300728
Ion Ratio Lower Upper
252 100
254 65.8 51.9 77.9
126 8.7 7.4 11.0





#83

Chrysene

Concen: 38.410 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB131657BS

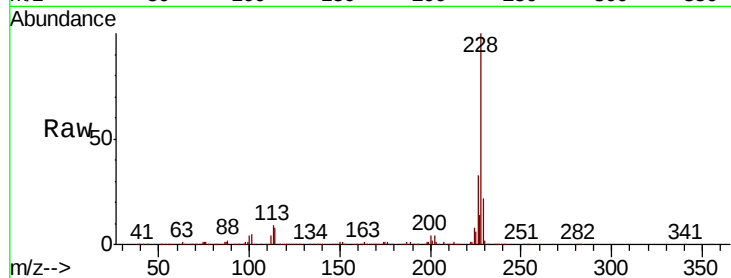
Tot Ion:228 Resp: 1003125

Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	21.6	17.9	26.9

228 100

226 32.6 26.2 39.4

229 21.6 17.9 26.9

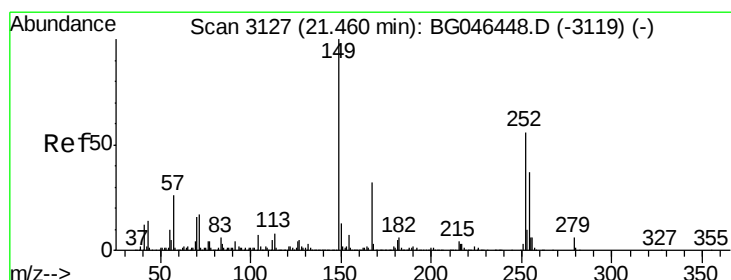
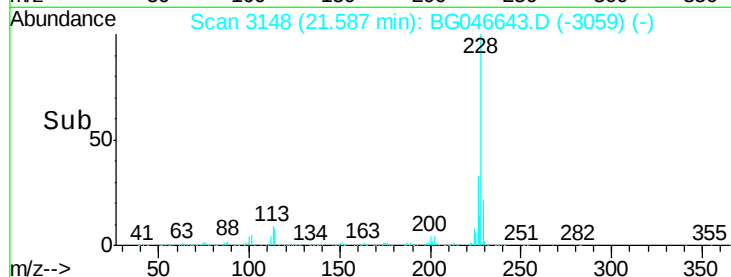
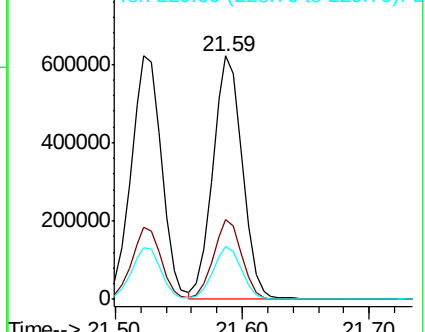


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.151 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG046643.D

Acq: 16 Sep 2020 16:40

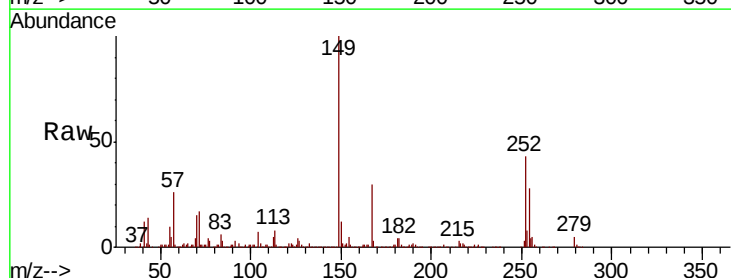
Tgt Ion:149 Resp: 578054

Ion	Ratio	Lower	Upper
149	100		
167	30.4	25.4	38.2
279	5.4	4.5	6.7

149 100

167 30.4 25.4 38.2

279 5.4 4.5 6.7

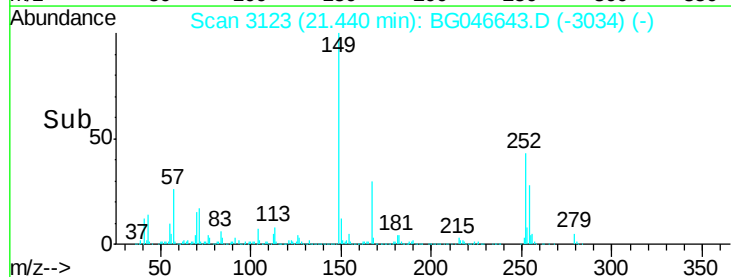
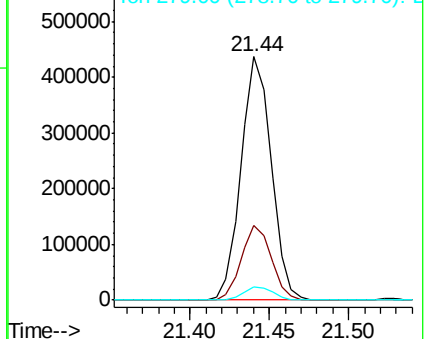


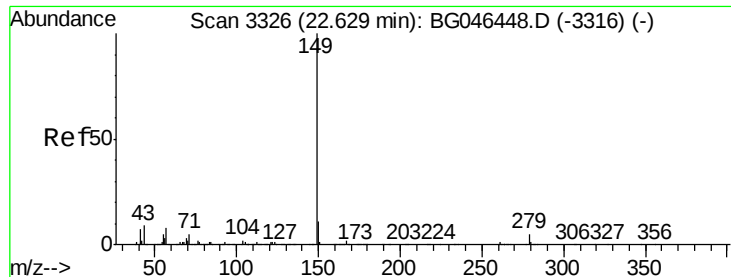
Abundance

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

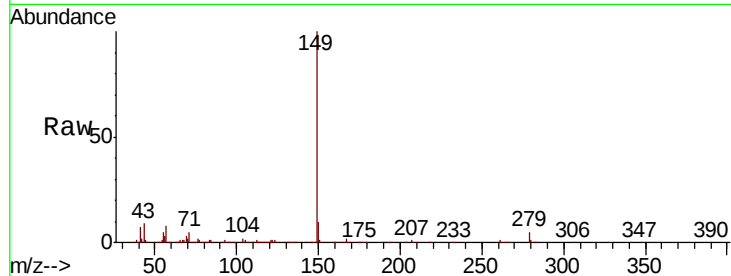




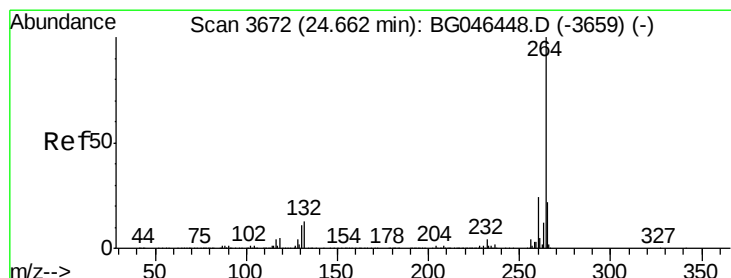
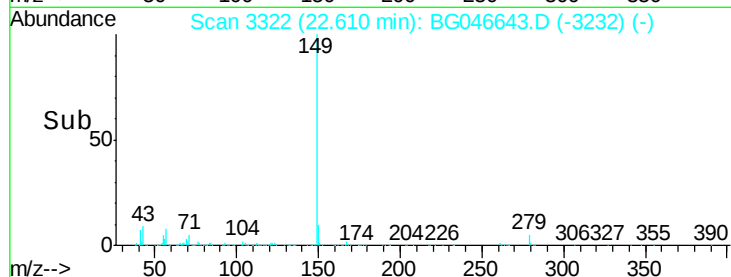
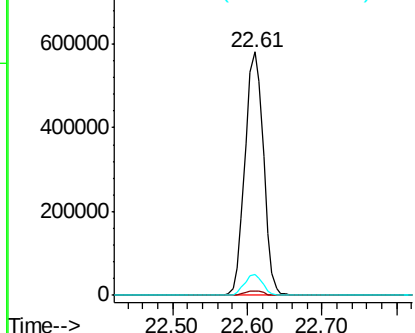
#85
Di-n-octyl phthalate
Concen: 39.431 ng
RT: 22.61 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Instrument :
BNA_G
ClientSampleId :
PB131657BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.5	7.0	10.4

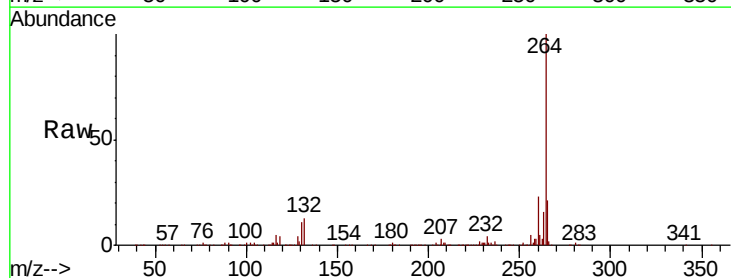


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

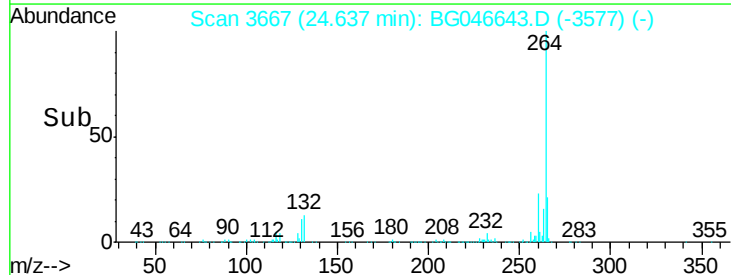
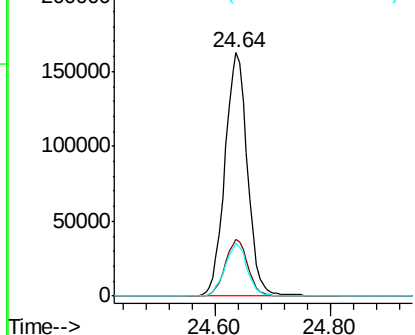


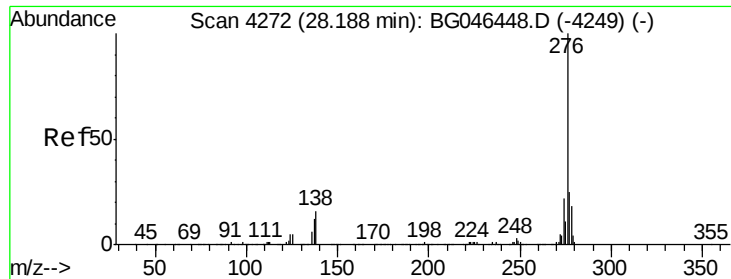
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.9	26.9



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

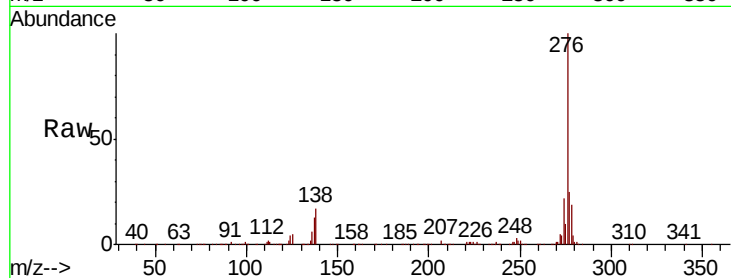




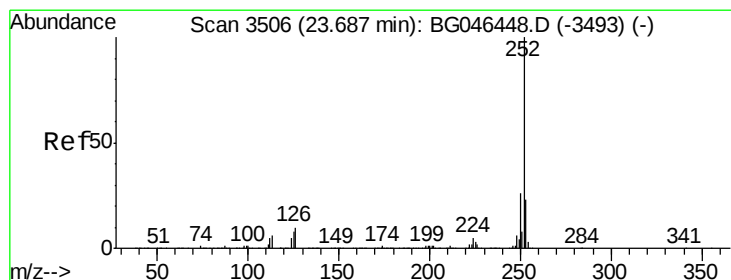
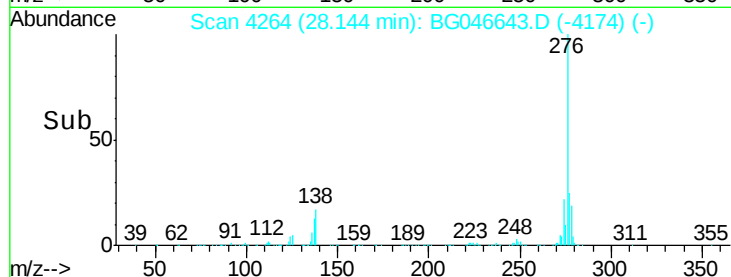
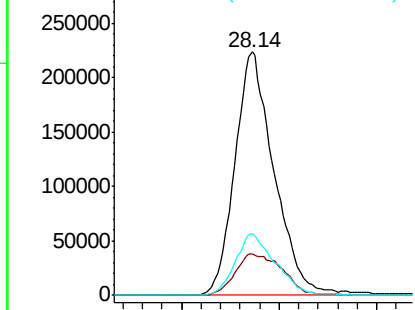
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.497 ng
 RT: 28.14 min Scan# 4264
 Delta R.T. 0.00 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB131657BS

Tot Ion:276 Resp: 1243010
 Ion Ratio Lower Upper
 276 100
 138 20.7 16.5 24.7
 277 26.1 20.7 31.1

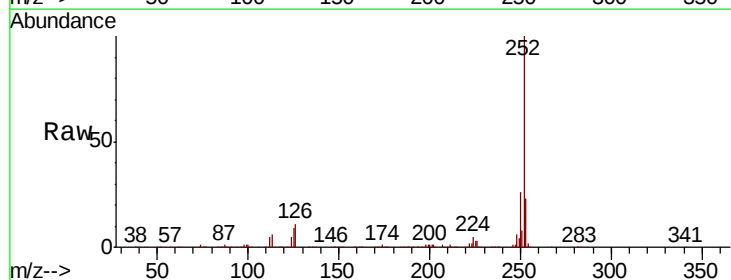


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

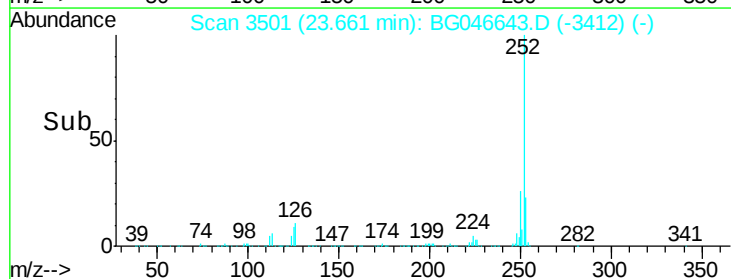
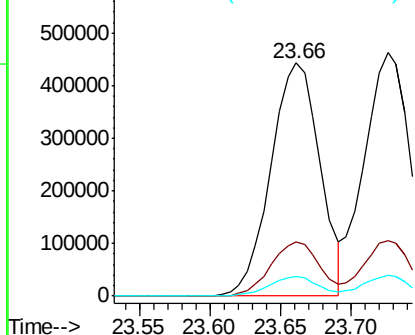


#88
 Benzo(b)fluoranthene
 Concen: 39.337 ng
 RT: 23.66 min Scan# 3501
 Delta R.T. -0.01 min
 Lab File: BG046643.D
 Acq: 16 Sep 2020 16:40

Tgt Ion:252 Resp: 1076296
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.2 27.4
 125 8.5 6.2 9.2



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

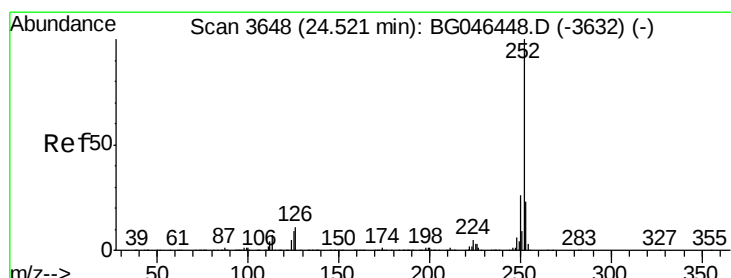
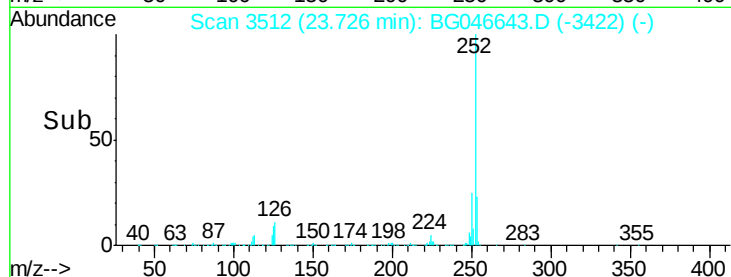
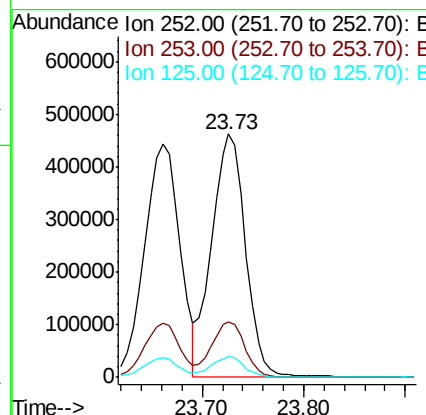
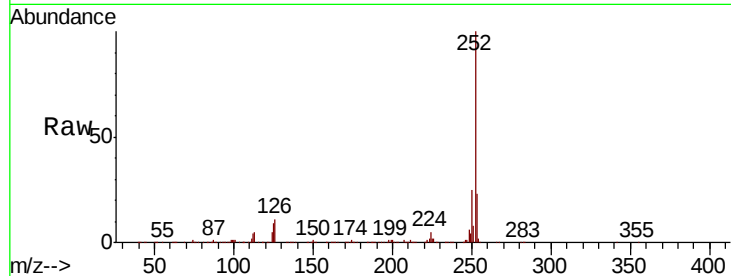




#89
Benzo(k)fluoranthene
Concen: 40.290 ng
RT: 23.73 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

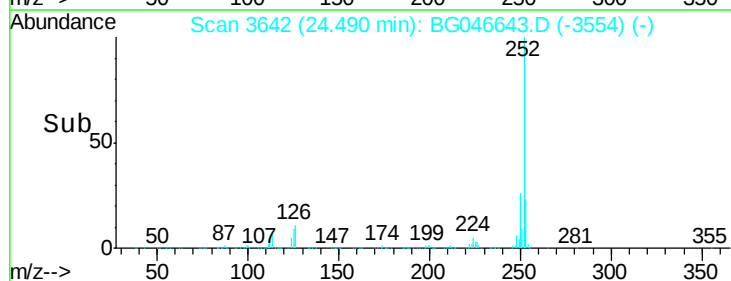
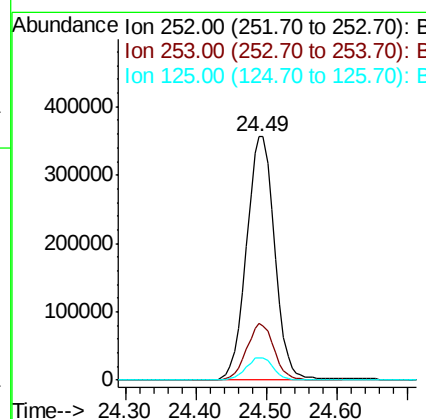
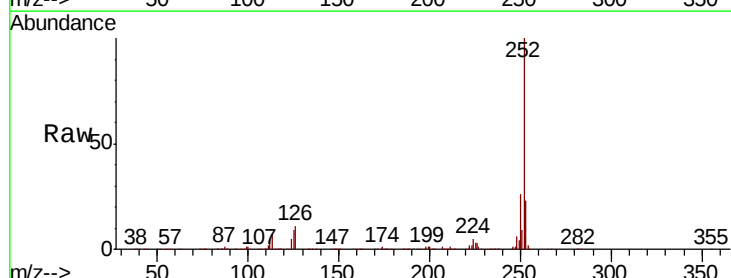
Instrument :
BNA_G
ClientSampleId :
PB131657BS

Tot Ion:252 Resp: 1065370
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 8.5 6.8 10.2



#90
Benzo(a)pyrene
Concen: 38.683 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion:252 Resp: 987709
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 9.2 7.4 11.0



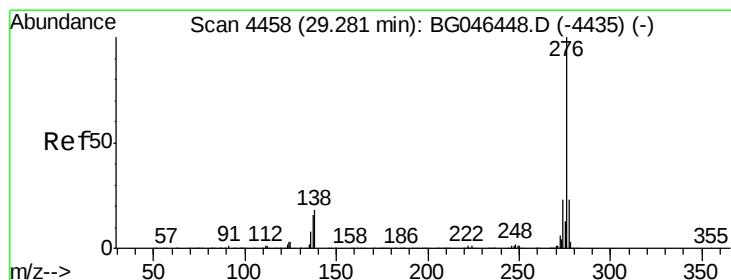
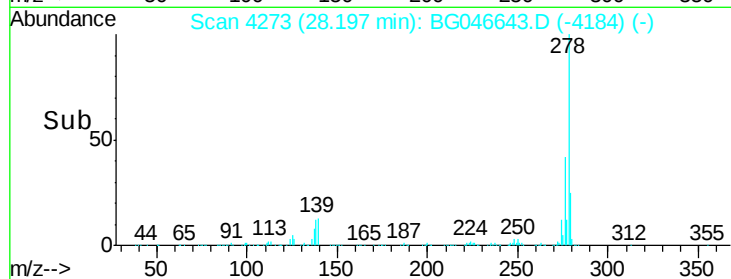
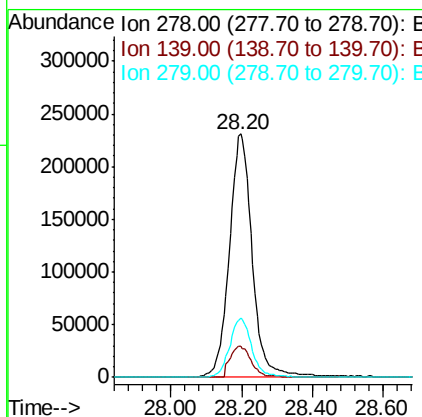
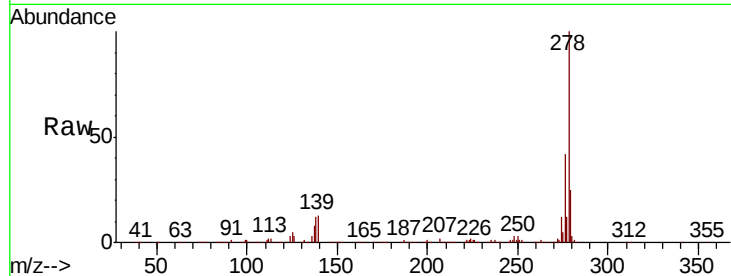


#91
Dibenzo(a,h)anthracene
Concen: 41.250 ng
RT: 28.20 min Scan# 4273
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Instrument :
BNA_G
ClientSampleId :
PB131657BS

Tot Ion:278 Resp: 1047599

Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.2	16.8
279	24.6	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 41.124 ng
RT: 29.24 min Scan# 4450
Delta R.T. -0.01 min
Lab File: BG046643.D
Acq: 16 Sep 2020 16:40

Tgt Ion:276 Resp: 1042926

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	17.3	14.7	22.1

