

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046207.D
 Acq On : 10 Aug 2020 15:15
 Operator : CG/JU
 Sample : PB130837BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Quant Time: Aug 10 16:15:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	106527	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	419589	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	278089	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	651288	20.00	ng	0.00
76) Chrysene-d12	21.57	240	674646	20.00	ng	0.00
86) Perylene-d12	24.67	264	716050	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	811859	132.48	ng	0.00
7) Phenol-d6	7.12	99	1027276	123.00	ng	0.00
23) Nitrobenzene-d5	9.11	82	629974	81.29	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	580781	135.97	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1566003	81.80	ng	0.00
79) Terphenyl-d14	19.94	244	2590127	78.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	97691	35.025	ng	95
3) Pyridine	3.84	79	262300	34.161	ng	95
4) n-Nitrosodimethylamine	3.75	42	123417	37.766	ng	97
6) Aniline	7.27	93	381935	38.418	ng	99
8) 2-Chlorophenol	7.52	128	298616	44.088	ng	95
9) Benzaldehyde	7.09	77	98868	19.950	ng	95
10) Phenol	7.15	94	363729	43.346	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	282849	42.377	ng	99
12) 1,3-Dichlorobenzene	7.84	146	348476	42.447	ng	97
13) 1,4-Dichlorobenzene	7.98	146	345373	41.895	ng	99
14) 1,2-Dichlorobenzene	8.31	146	327115	42.074	ng	99
15) Benzyl Alcohol	8.19	79	245368	42.527	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	426115	38.941	ng	97
17) 2-Methylphenol	8.40	107	256701	45.314	ng	99
18) Hexachloroethane	9.04	117	116345	42.198	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	222639	40.961	ng	99
20) 3+4-Methylphenols	8.72	107	348792	44.983	ng	97
22) Acetophenone	8.77	105	419169	38.927	ng	# 97
24) Nitrobenzene	9.15	77	315581	38.194	ng	97
25) Isophorone	9.68	82	600542	38.944	ng	98
26) 2-Nitrophenol	9.86	139	172030	45.940	ng	95
27) 2,4-Dimethylphenol	9.92	122	262027	43.009	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	371778	44.339	ng	99
29) 2,4-Dichlorophenol	10.40	162	316627	44.180	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	350377	41.734	ng	99
31) Naphthalene	10.80	128	892089	40.182	ng	99
32) Benzoic acid	10.08	122	176684	41.124	ng	97
33) 4-Chloroaniline	10.90	127	316260	34.860	ng	97
34) Hexachlorobutadiene	11.10	225	228404	40.868	ng	100
35) Caprolactam	11.67	113	52289	22.291	ng	95
36) 4-Chloro-3-methylphenol	12.03	107	307830	43.769	ng	98
37) 2-Methylnaphthalene	12.40	142	704340	41.230	ng	99
38) 1-Methylnaphthalene	12.63	142	670456	41.474	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	402773	40.198	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046207.D
 Acq On : 10 Aug 2020 15:15
 Operator : CG/JU
 Sample : PB130837BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Quant Time: Aug 10 16:15:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

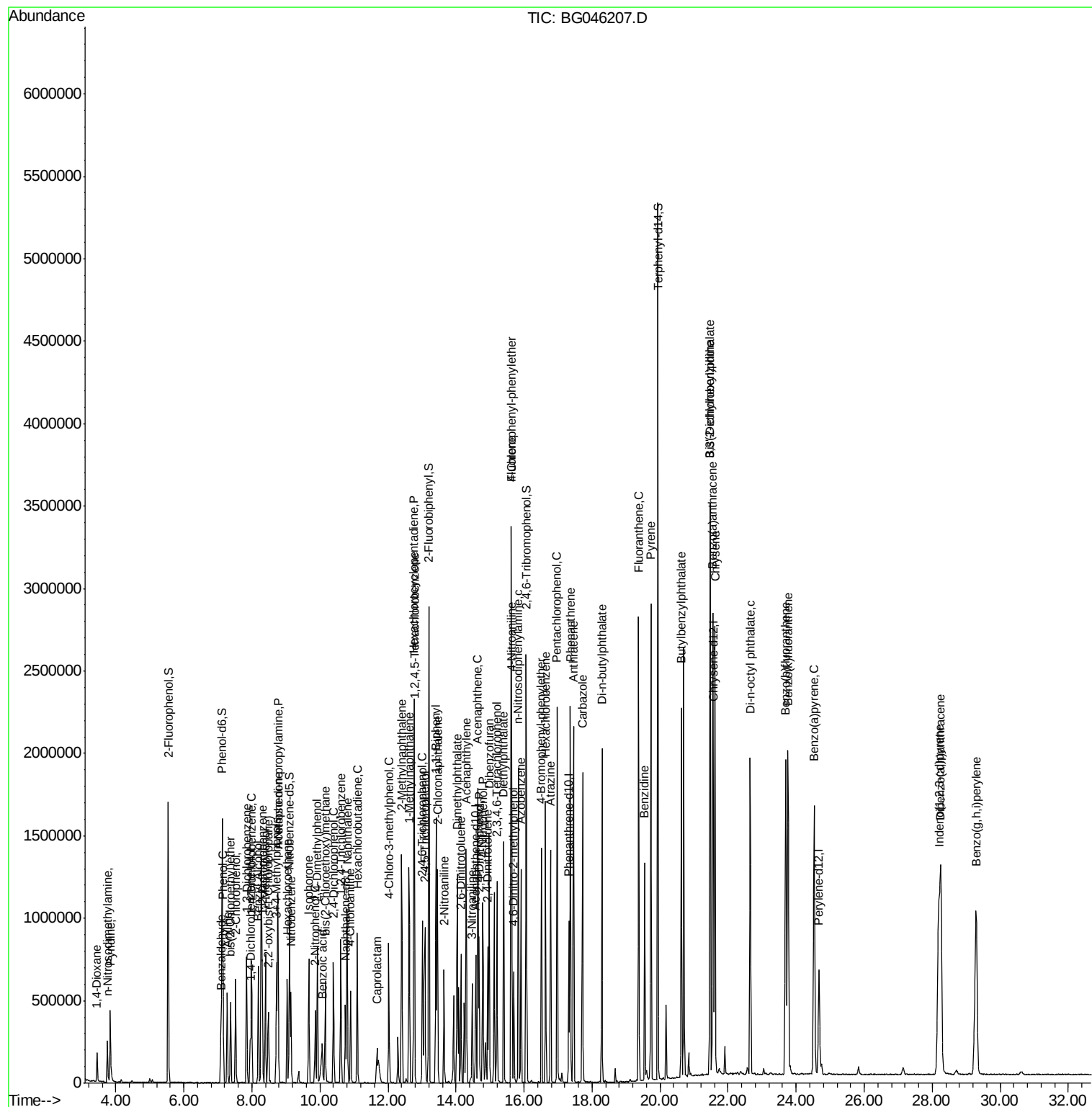
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	518941	90.295	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	277696	43.441	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	294756	42.260	ng	95
46) 1,1'-Biphenyl	13.41	154	872401	39.991	ng	99
47) 2-Chloronaphthalene	13.45	162	706561	40.604	ng	98
48) 2-Nitroaniline	13.65	65	193160	42.348	ng	97
49) Acenaphthylene	14.30	152	1095504	40.543	ng	99
50) Dimethylphthalate	14.04	163	895124	41.938	ng	99
51) 2,6-Dinitrotoluene	14.15	165	208148	41.903	ng	91
52) Acenaphthene	14.64	154	701919	39.360	ng	99
53) 3-Nitroaniline	14.48	138	180187	36.589	ng	100
54) 2,4-Dinitrophenol	14.68	184	258724	82.014	ng	99
55) Dibenzofuran	14.98	168	1079684	40.123	ng	99
56) 4-Nitrophenol	14.79	139	357870	83.702	ng	96
57) 2,4-Dinitrotoluene	14.94	165	297392	43.544	ng	91
58) Fluorene	15.63	166	892068	40.935	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	299297	45.557	ng	97
60) Diethylphthalate	15.41	149	883933	42.099	ng	97
61) 4-Chlorophenyl-phenylether	15.62	204	488583	42.927	ng	94
62) 4-Nitroaniline	15.64	138	214714	43.352	ng	99
63) Azobenzene	15.91	77	759212	38.583	ng	95
65) 4,6-Dinitro-2-methylphenol	15.70	198	192038	44.584	ng	89
66) n-Nitrosodiphenylamine	15.83	169	809260	41.049	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	353805	43.972	ng	96
68) Hexachlorobenzene	16.63	284	390563	43.289	ng	97
69) Atrazine	16.78	200	292758	38.564	ng	99
70) Pentachlorophenol	16.97	266	488690	83.479	ng	100
71) Phenanthrene	17.36	178	1432473	40.152	ng	99
72) Anthracene	17.46	178	1469596	41.413	ng	99
73) Carbazole	17.72	167	1353688	39.560	ng	100
74) Di-n-butylphthalate	18.29	149	1512662	42.291	ng	99
75) Fluoranthene	19.37	202	1817008	40.795	ng	99
77) Benzidine	19.55	184	855278	44.756	ng	99
78) Pyrene	19.73	202	1792853	39.551	ng	97
80) Butylbenzylphthalate	20.62	149	701889	42.745	ng	99
81) Benzo(a)anthracene	21.54	228	1773013	39.271	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	660473	35.229	ng	98
83) Chrysene	21.62	228	1723961	38.980	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	971996	41.404	ng	97
85) Di-n-octyl phthalate	22.65	149	1670515	42.027	ng	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2367999	43.362	ng	# 95
88) Benzo(b)fluoranthene	23.70	252	1971944	41.096	ng	98
89) Benzo(k)fluoranthene	23.76	252	1963600	41.721	ng	99
90) Benzo(a)pyrene	24.53	252	1840677	41.224	ng	99
91) Dibenzo(a,h)anthracene	28.25	278	1937628	42.443	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1949764	42.290	ng	99

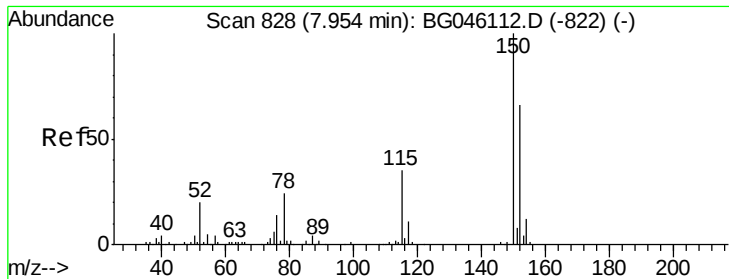
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
Data File : BG046207.D
Acq On : 10 Aug 2020 15:15
Operator : CG/JU
Sample : PB130837BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Quant Time: Aug 10 16:15:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration



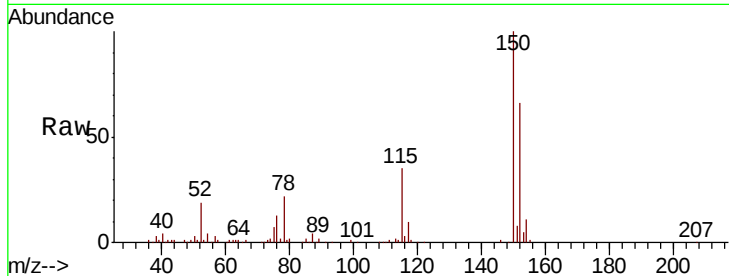


#1

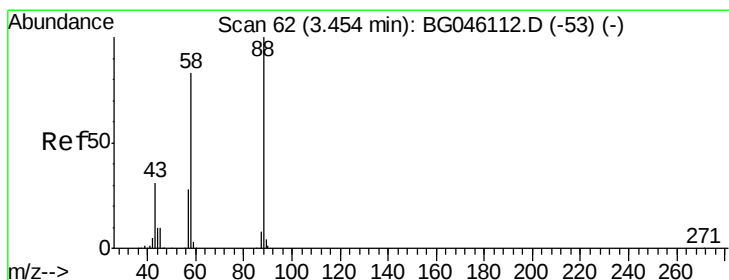
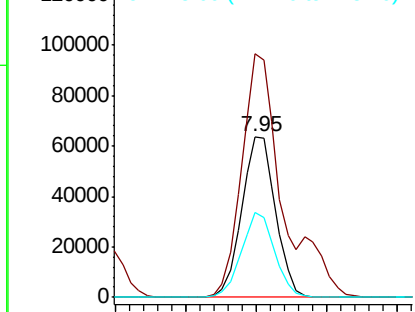
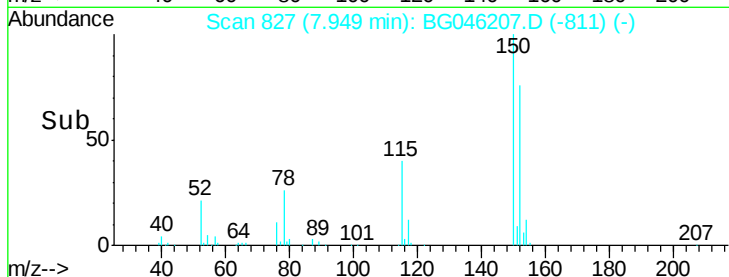
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.1	183.1
115	52.6	43.2	64.8



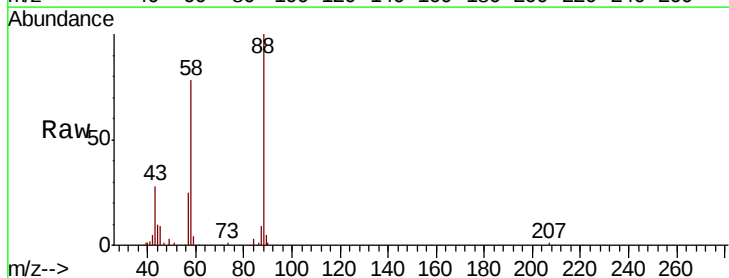
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



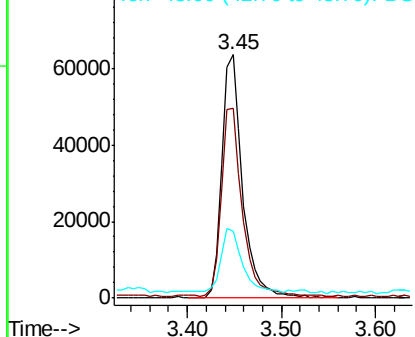
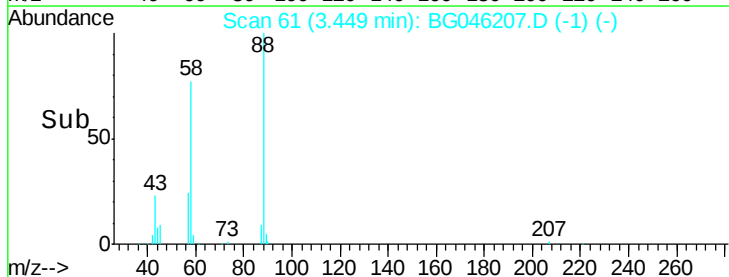
#2

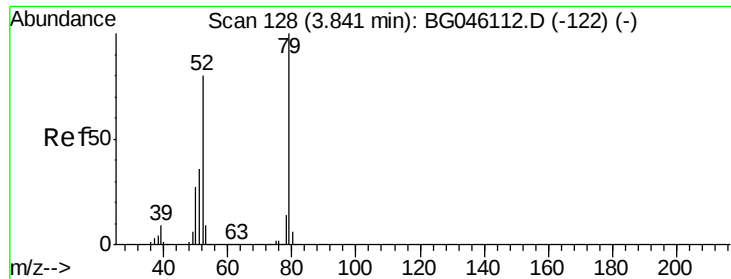
1,4-Dioxane
Concen: 35.025 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	66.5	99.7
43	26.3	23.8	35.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.161 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

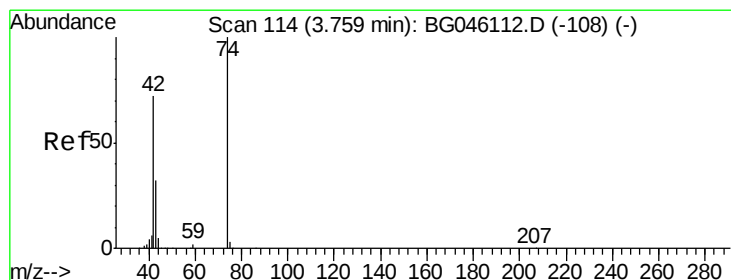
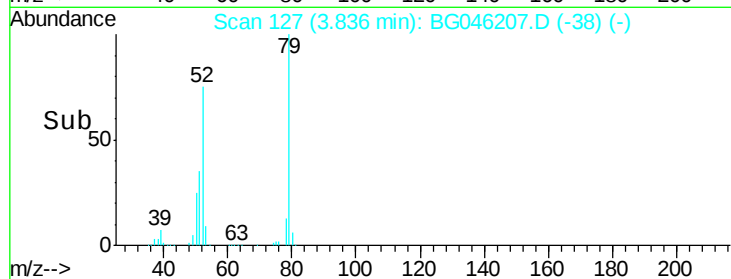
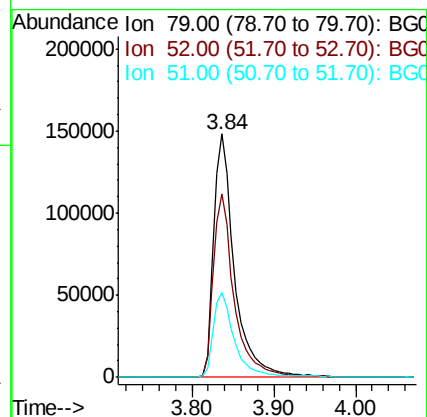
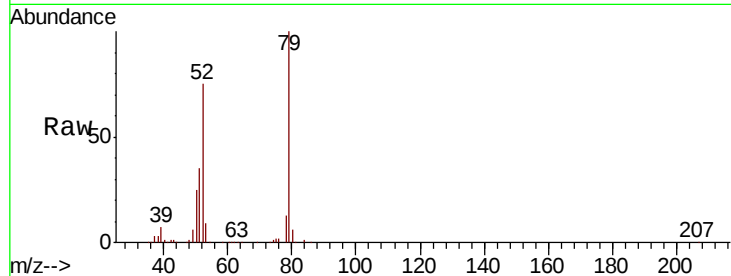
Tot Ion: 79 Resp: 262300

Ion Ratio Lower Upper

79 100

52 75.2 64.3 96.5

51 35.1 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 37.766 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

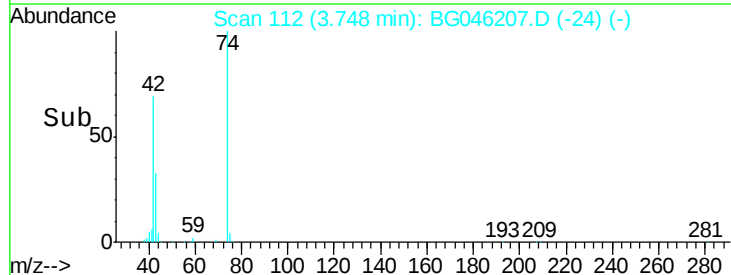
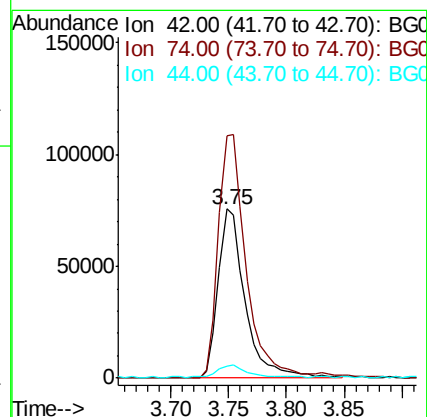
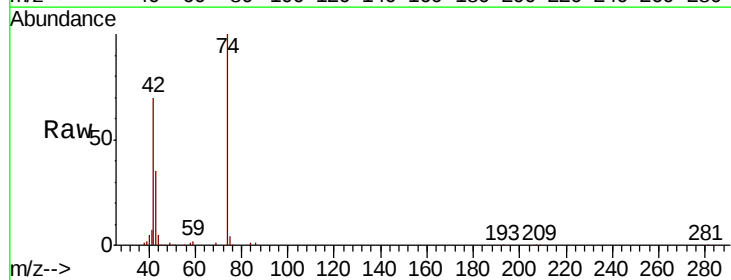
Tgt Ion: 42 Resp: 123417

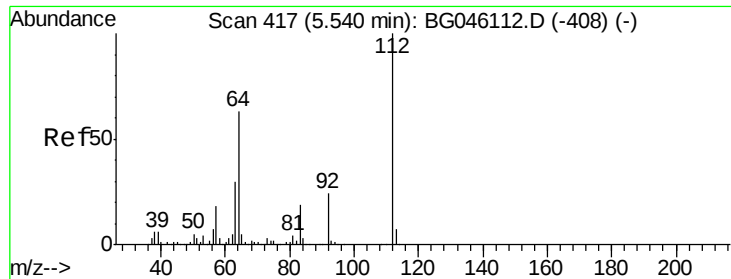
Ion Ratio Lower Upper

42 100

74 143.6 111.6 167.4

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 132.484 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

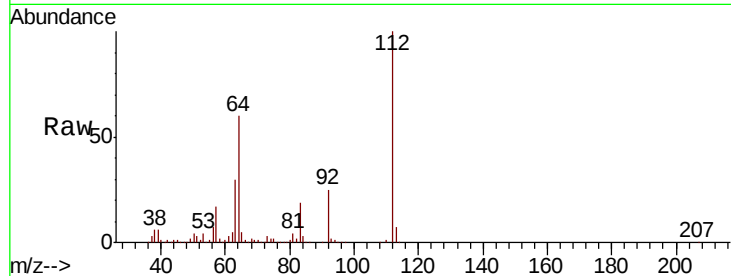
Tot Ion:112 Resp: 811859

Ion Ratio Lower Upper

112 100

64 59.9 50.2 75.2

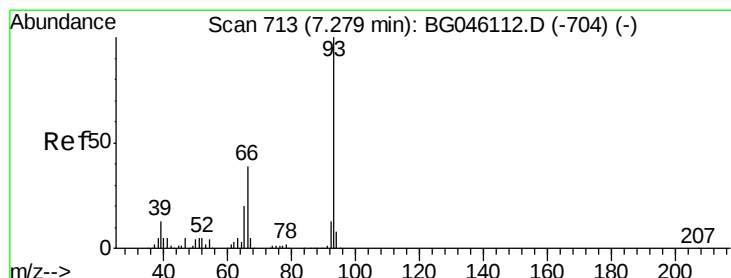
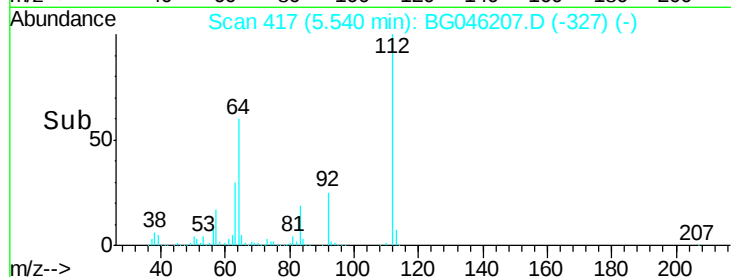
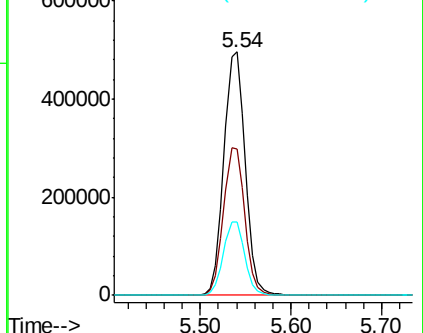
63 30.0 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.418 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

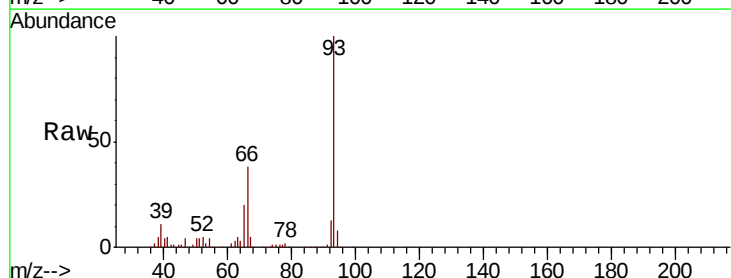
Tgt Ion: 93 Resp: 381935

Ion Ratio Lower Upper

93 100

66 38.1 31.0 46.4

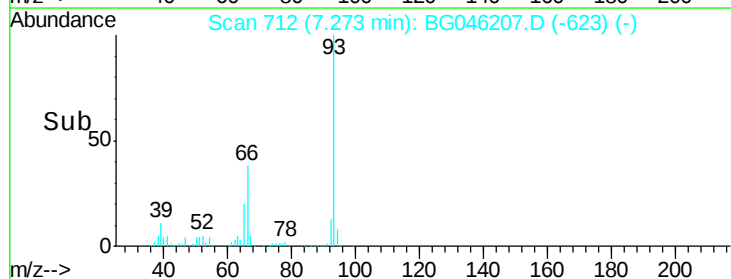
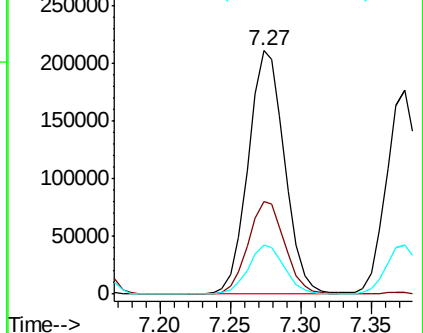
65 20.0 15.9 23.9

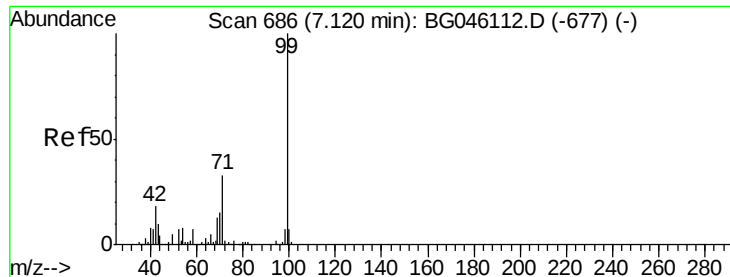


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.003 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

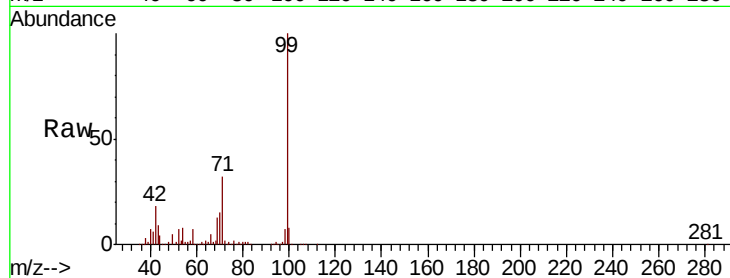
BNA_G

ClientSampleId :

PB130837BS

Tot Ion: 99 Resp: 1027276

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.7	22.1
71	32.0	26.5	39.7

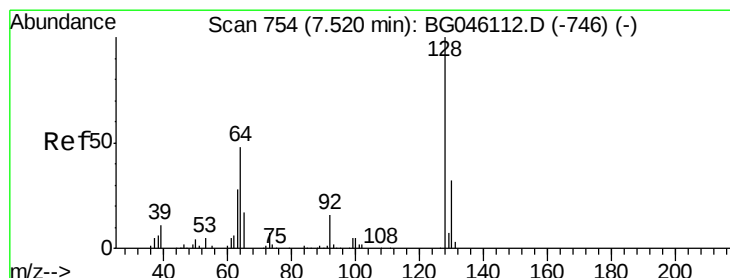
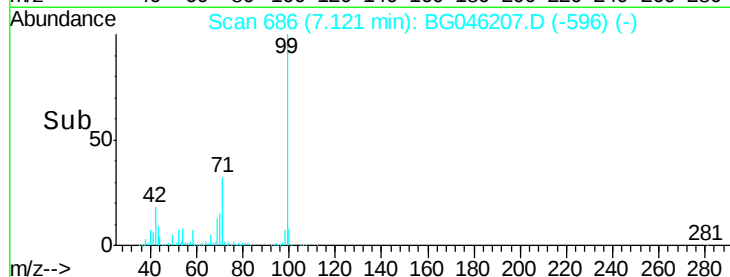
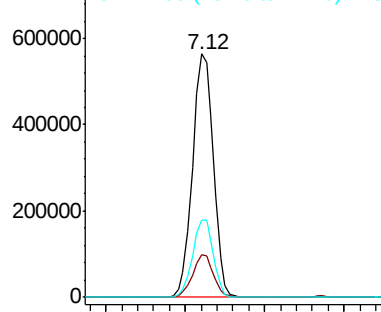


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.088 ng

RT: 7.52 min Scan# 754

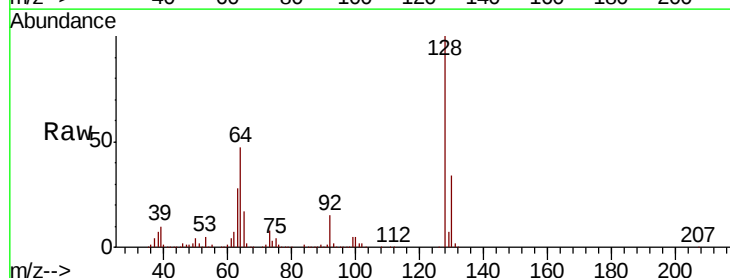
Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion: 128 Resp: 298616

Ion	Ratio	Lower	Upper
128	100		
130	33.9	11.6	51.6
64	47.0	30.6	70.6

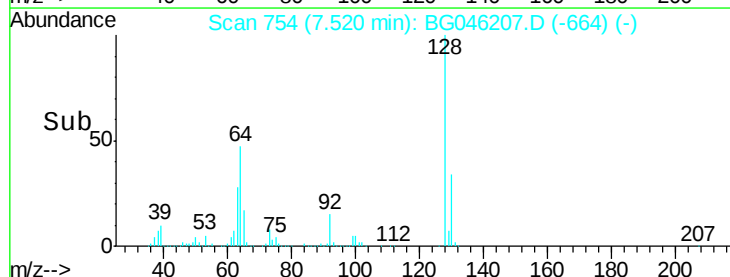
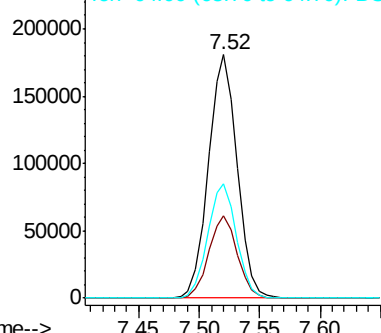


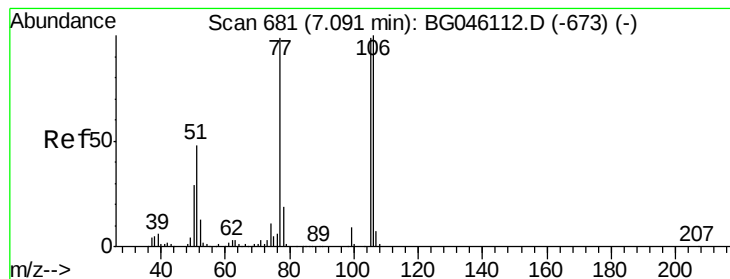
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 19.950 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

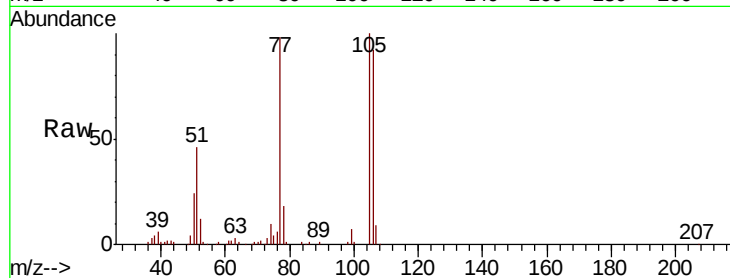
Tot Ion: 77 Resp: 98868

Ion Ratio Lower Upper

77 100

105 101.8 80.3 120.3

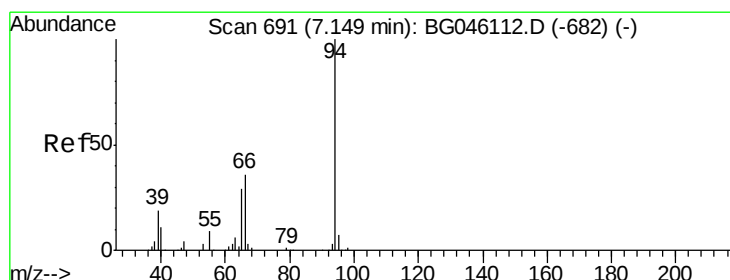
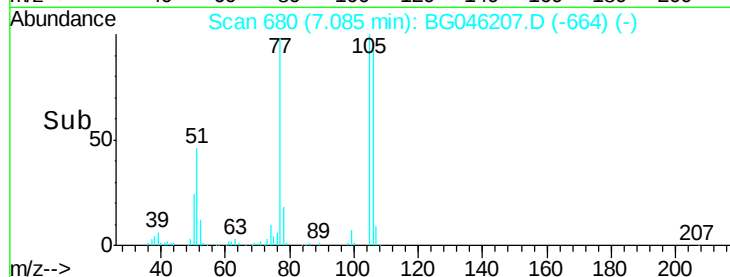
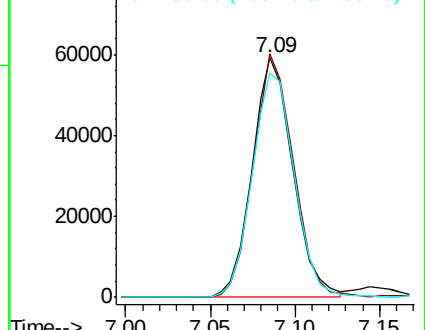
106 93.6 81.5 121.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.346 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

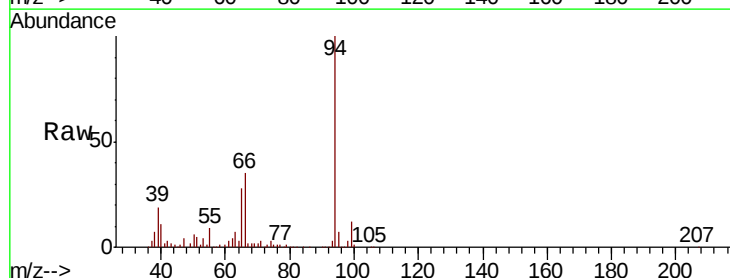
Tgt Ion: 94 Resp: 363729

Ion Ratio Lower Upper

94 100

65 28.0 9.6 49.6

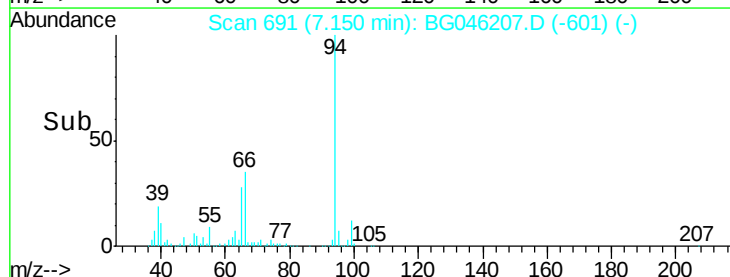
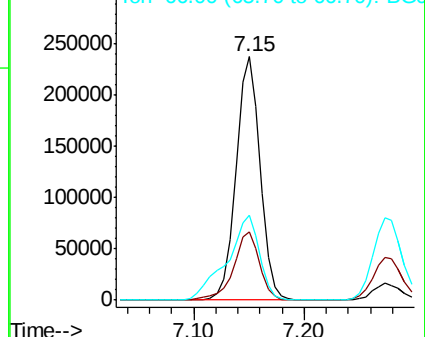
66 35.0 16.3 56.3

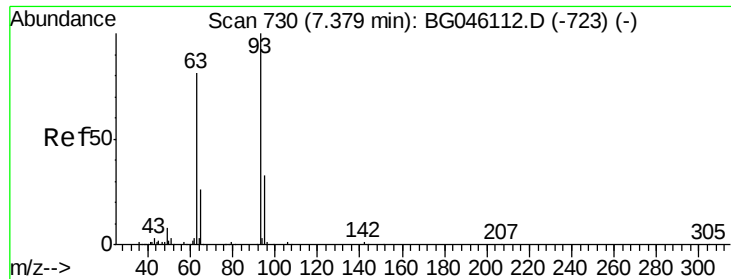


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

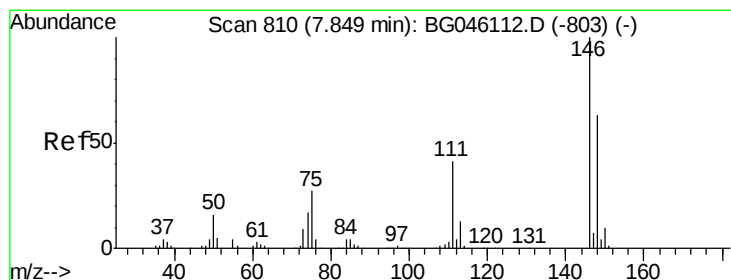
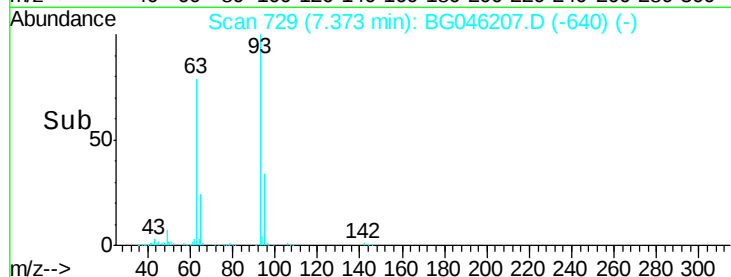
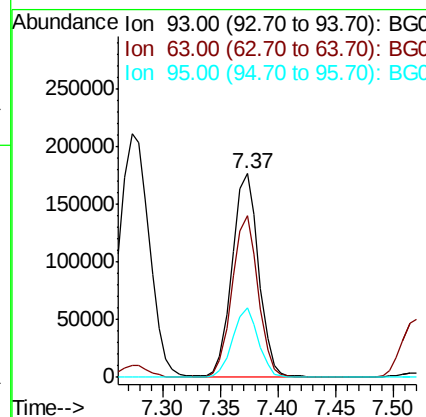
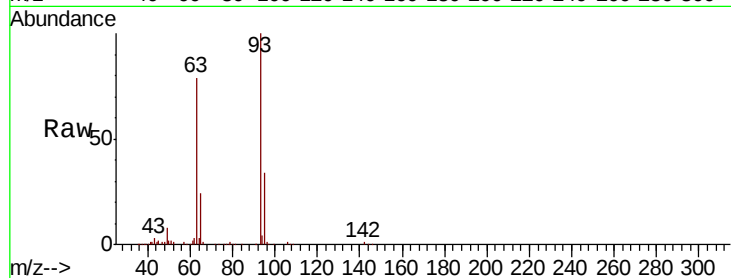




#11
 bis(2-Chloroethyl)ether
 Concen: 42.377 ng
 RT: 7.37 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

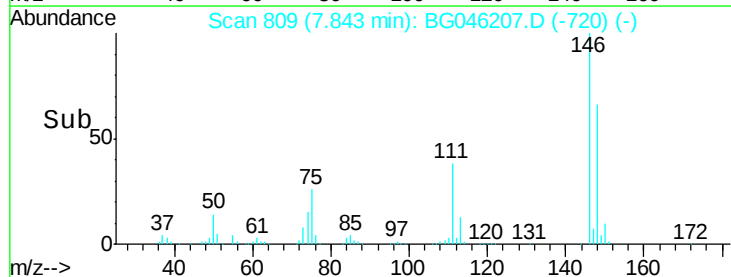
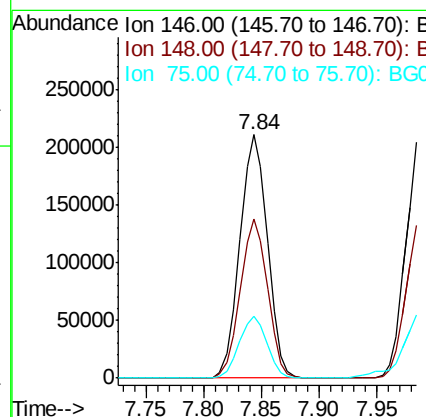
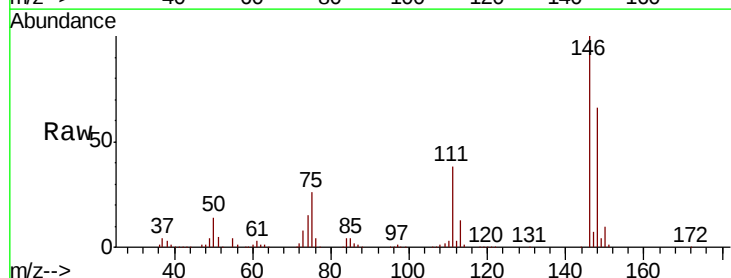
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

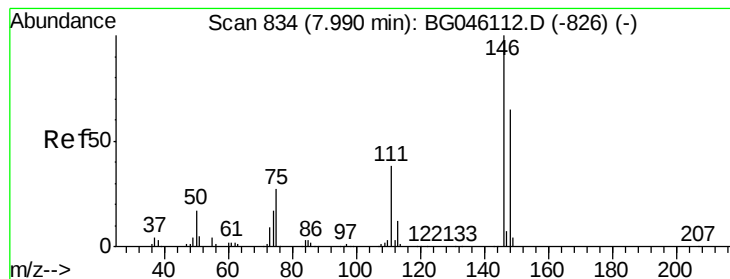
Tot Ion:	93	Resp:	282849
Ion	Ratio	Lower	Upper
93	100		
63	79.1	60.0	100.0
95	33.8	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 42.447 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion:	146	Resp:	348476
Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.5	75.7
75	25.7	21.6	32.4





#13

1,4-Dichlorobenzene

Concen: 41.895 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

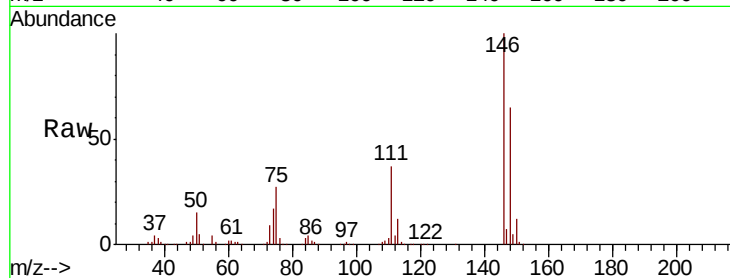
Tot Ion:146 Resp: 345373

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

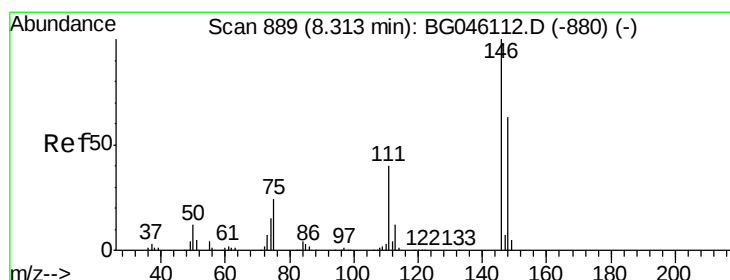
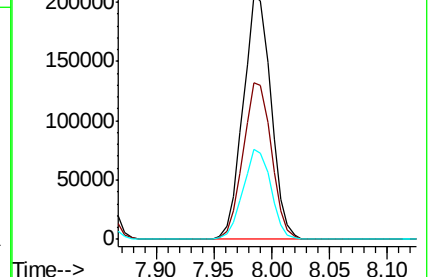
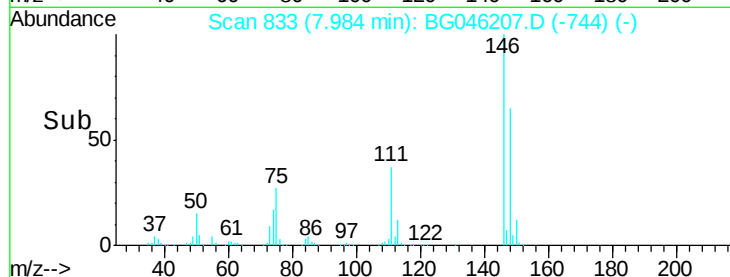
111 37.2 30.7 46.1



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: 42.074 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

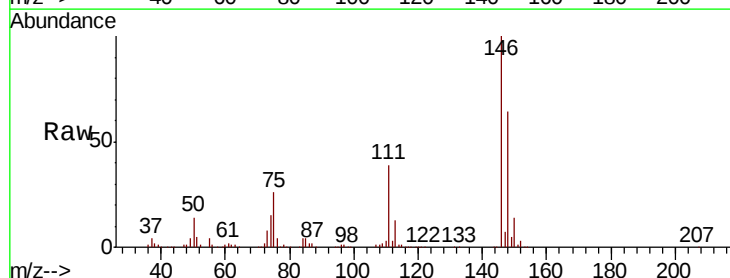
Tgt Ion:146 Resp: 327115

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

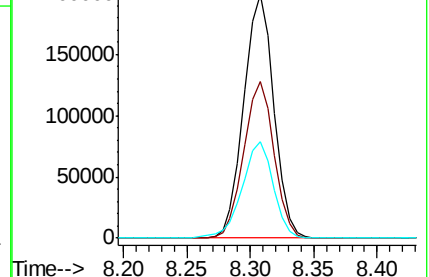
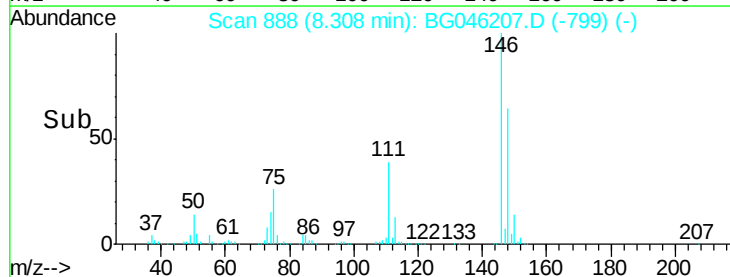
111 39.4 32.4 48.6

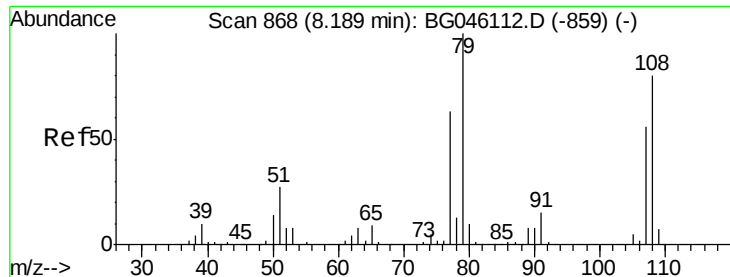


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.527 ng

RT: 8.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

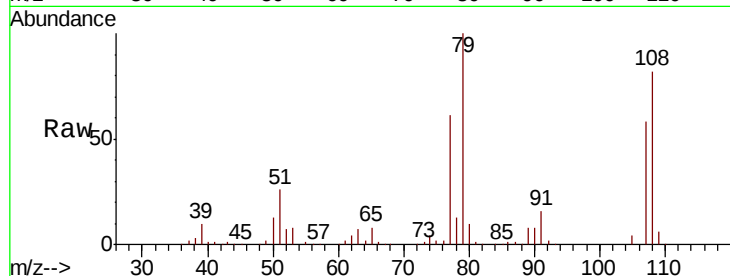
Tot Ion: 79 Resp: 245368

Ion Ratio Lower Upper

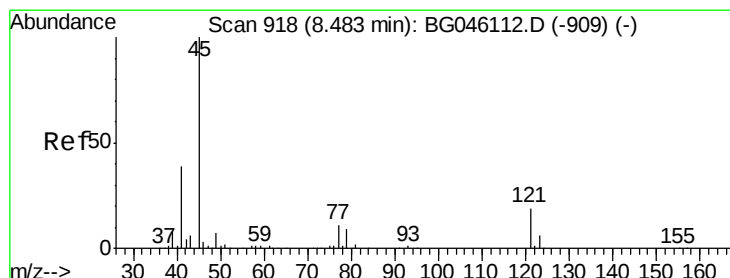
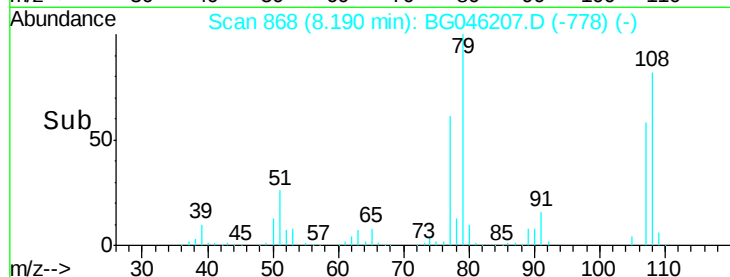
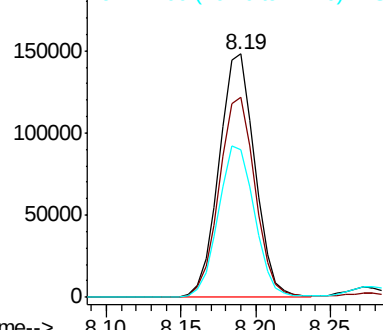
79 100

108 82.1 64.1 96.1

77 60.5 50.2 75.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.941 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

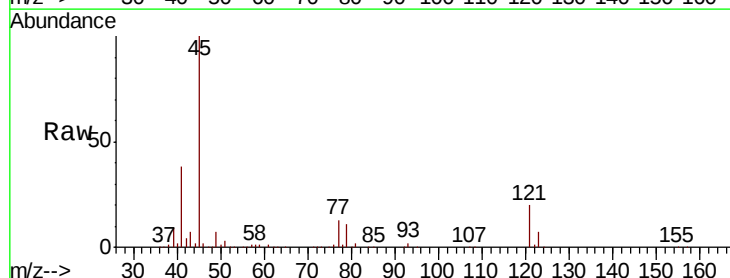
Tgt Ion: 45 Resp: 426115

Ion Ratio Lower Upper

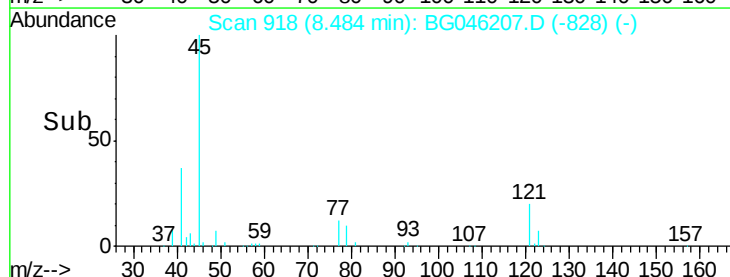
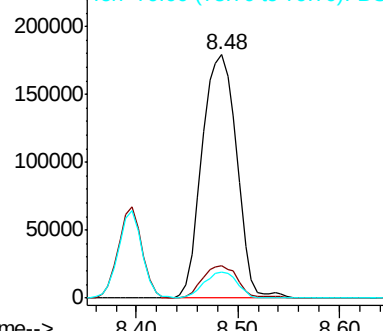
45 100

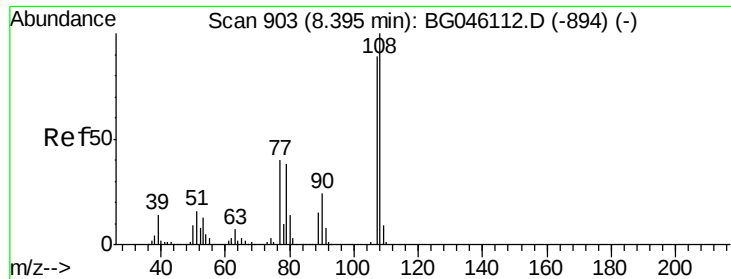
77 13.2 0.0 31.9

79 10.7 0.0 29.5



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

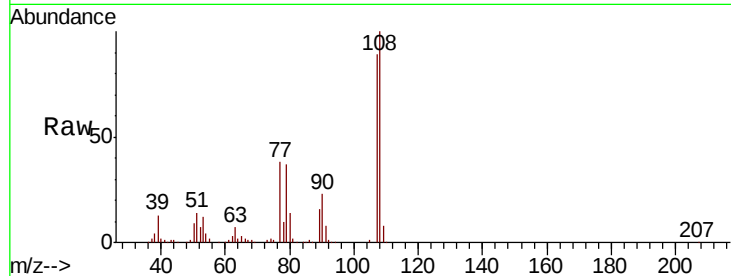




#17
2-Methylphenol
Concen: 45.314 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.0	135.0
77	43.2	35.6	53.4
79	41.2	34.4	51.6



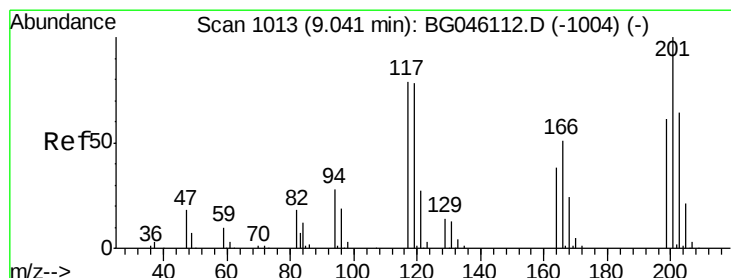
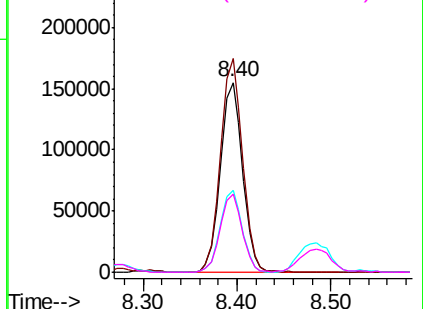
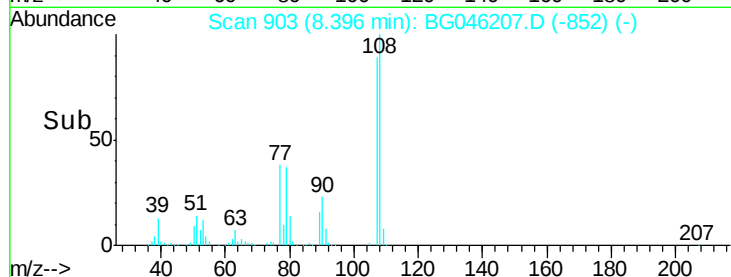
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

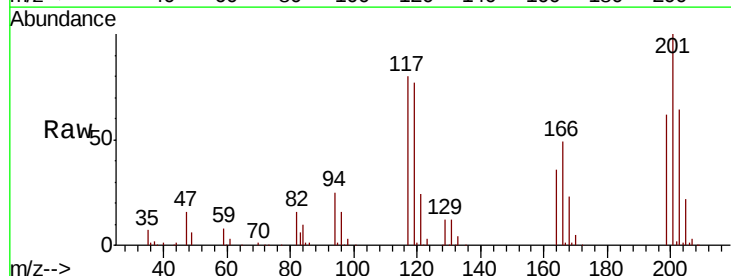
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.198 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.5	117.7
201	125.4	101.0	151.4

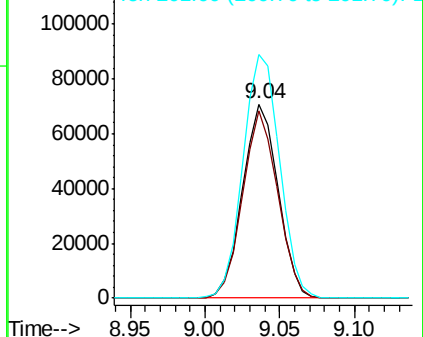
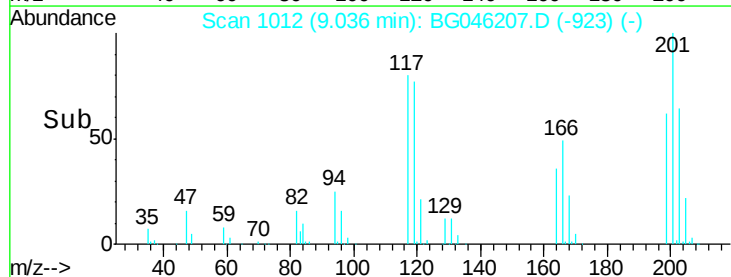


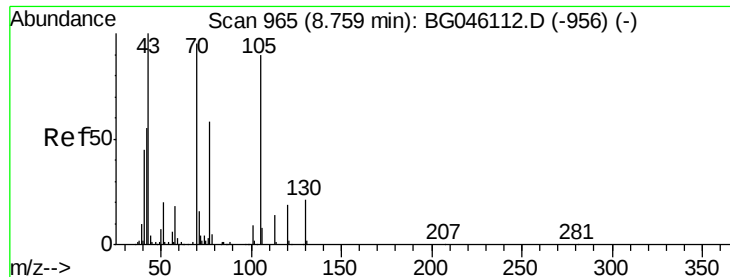
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

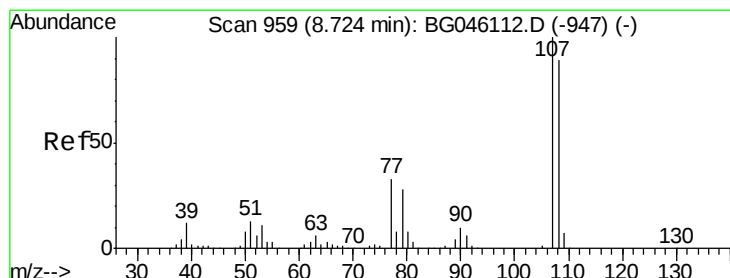
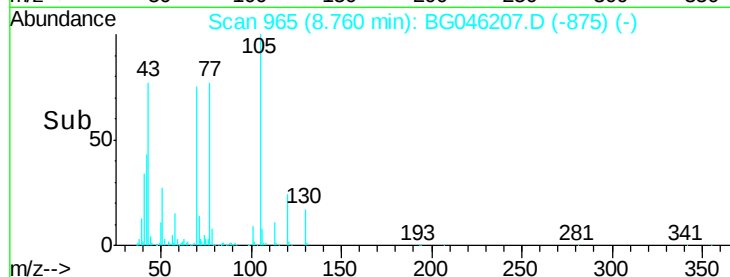
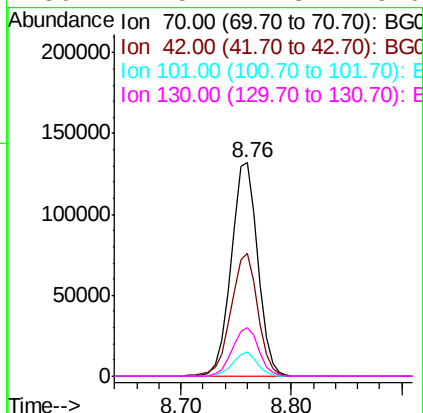
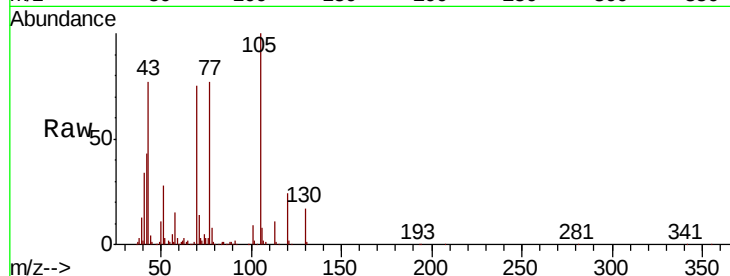




#19
n-Nitroso-di-n-propylamine
Concen: 40.961 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

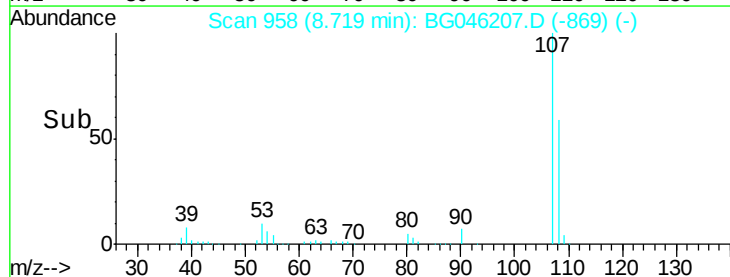
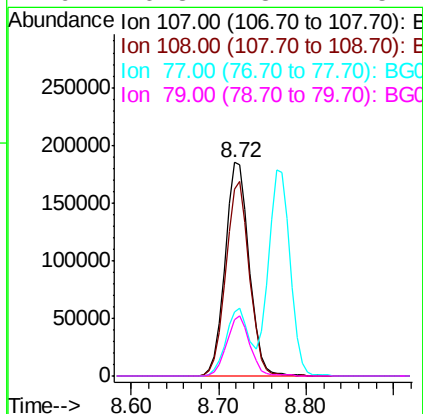
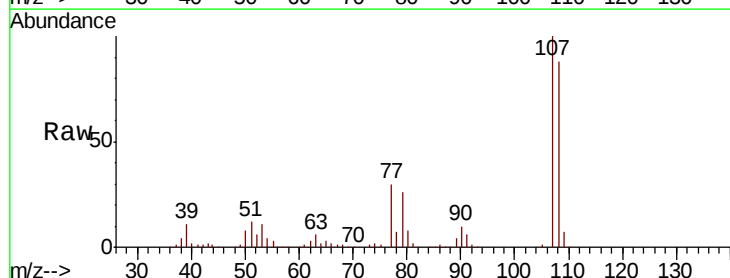
Instrument :
BNA_G
ClientSampleId :
PB130837BS

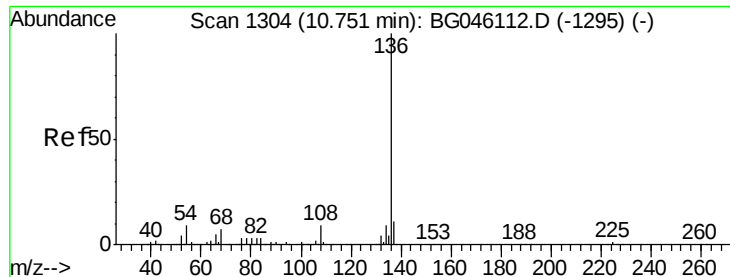
Tot Ion:	70	Resp:	222639
Ion	Ratio	Lower	Upper
70	100		
42	57.5	46.5	69.7
101	11.3	7.6	11.4
130	22.5	17.3	25.9



#20
3+4-Methylphenols
Concen: 44.983 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:	107	Resp:	348792
Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.1	109.1
77	30.1	12.5	52.5
79	26.3	8.4	48.4

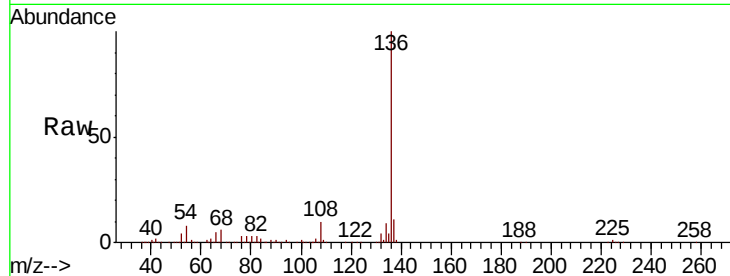




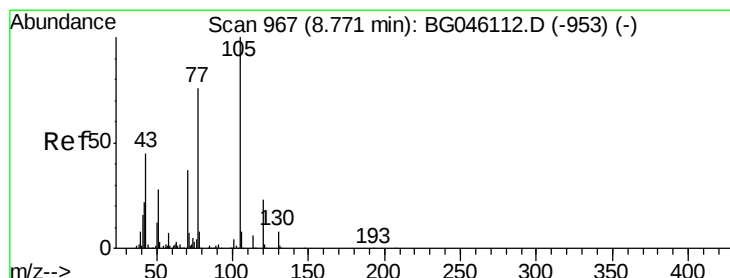
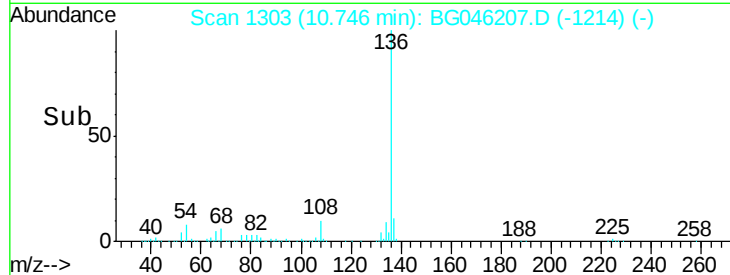
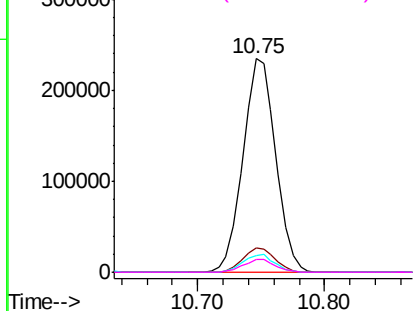
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion:136	Resp:	419589	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 8.1	7.0	10.4	
68 6.2	5.3	7.9	

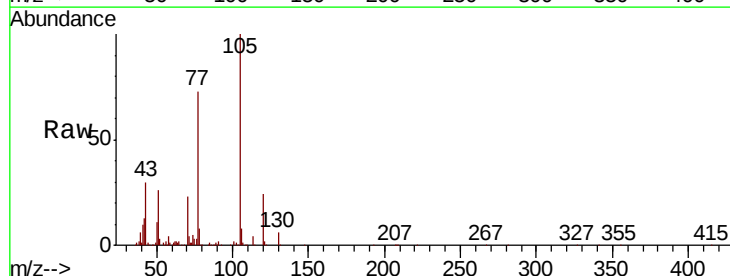


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

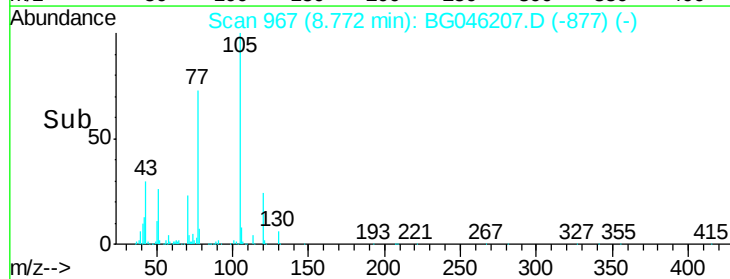
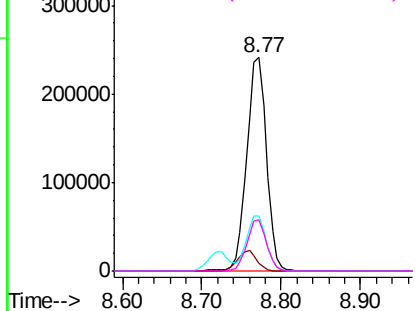


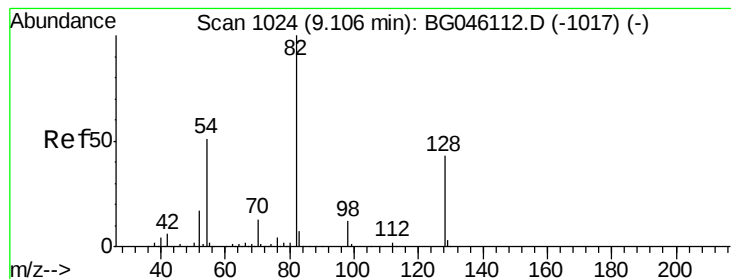
#22
Acetophenone
Concen: 38.927 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt	Ion:105	Resp:	419169
Ion	Ratio	Lower	Upper
105	100		
71	3.8	5.3	7.9#
51	26.0	22.7	34.1
120	23.8	18.7	28.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.290 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

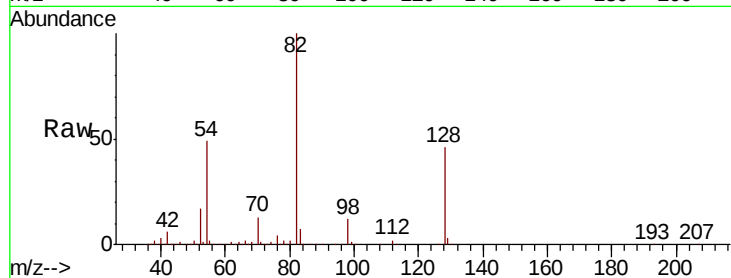
Tot Ion: 82 Resp: 629974

Ion Ratio Lower Upper

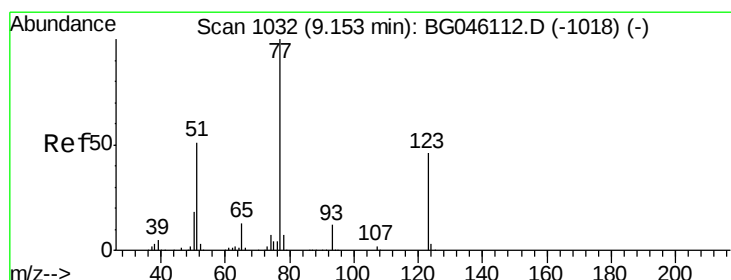
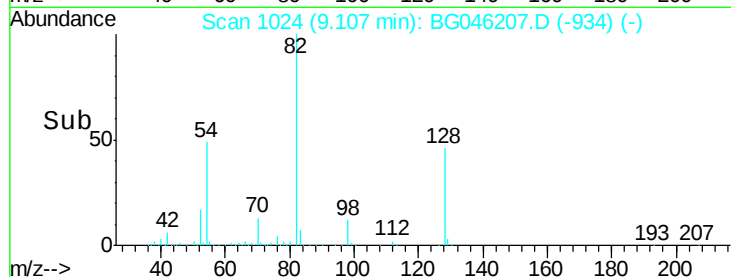
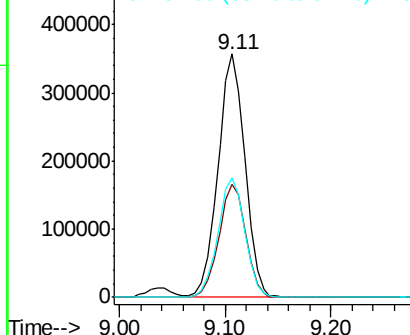
82 100

128 46.3 34.4 51.6

54 49.1 40.8 61.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 38.194 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

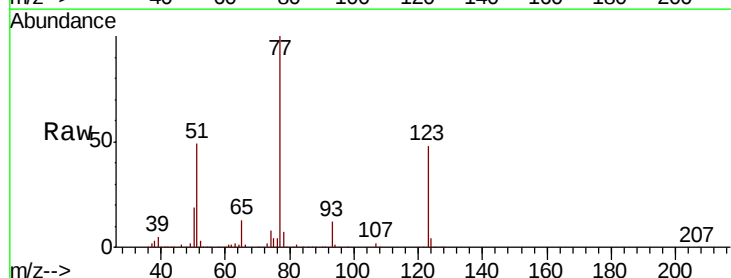
Tgt Ion: 77 Resp: 315581

Ion Ratio Lower Upper

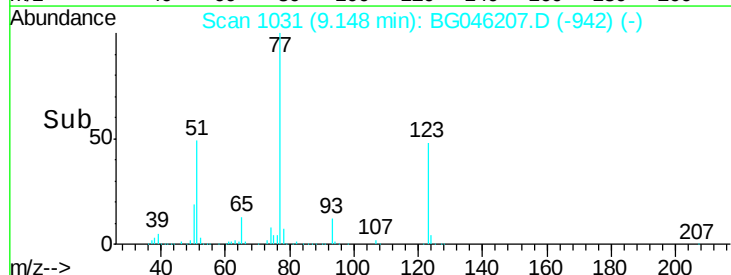
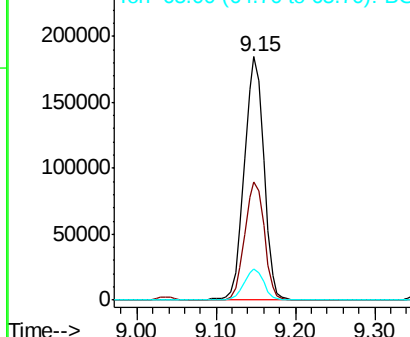
77 100

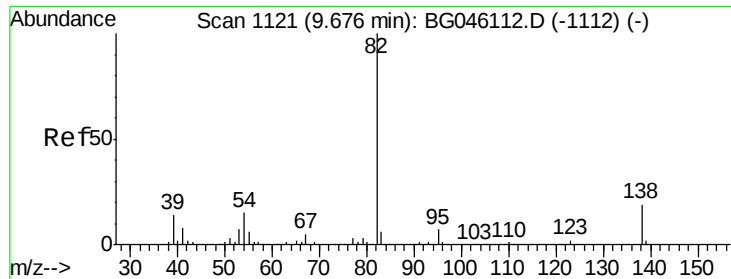
123 48.5 36.8 55.2

65 12.9 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

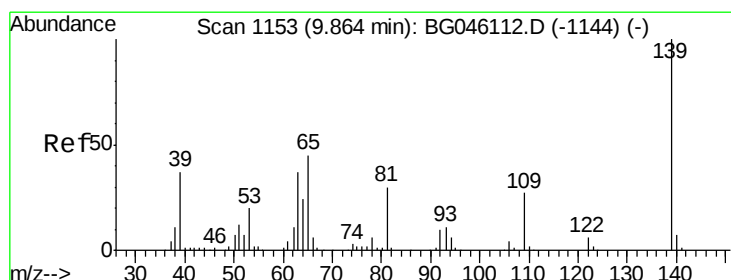
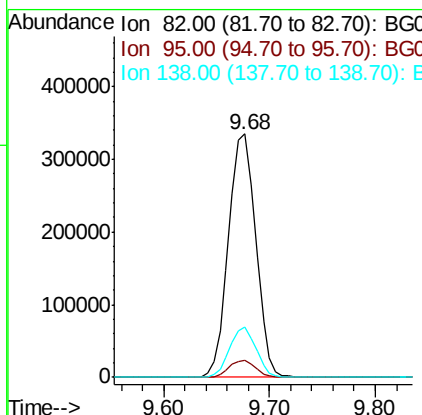
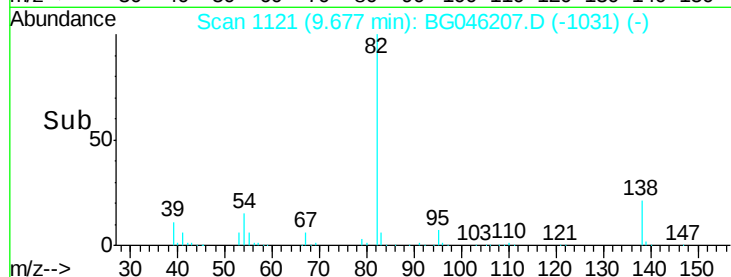
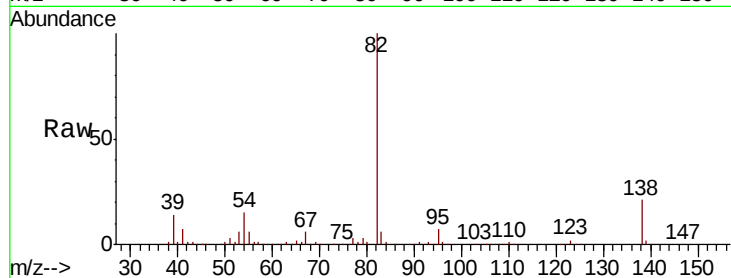




#25
Isophorone
Concen: 38.944 ng
RT: 9.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

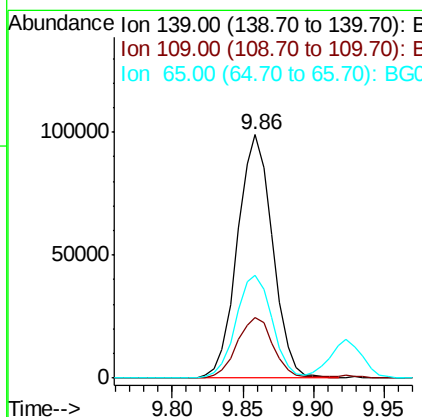
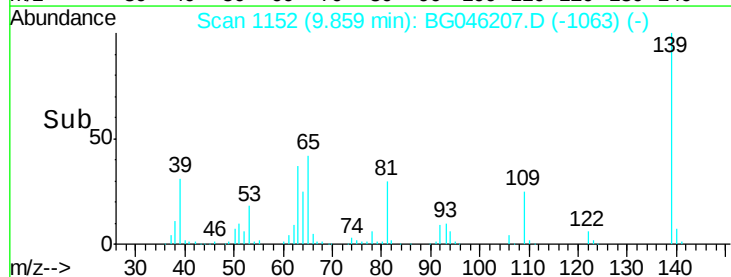
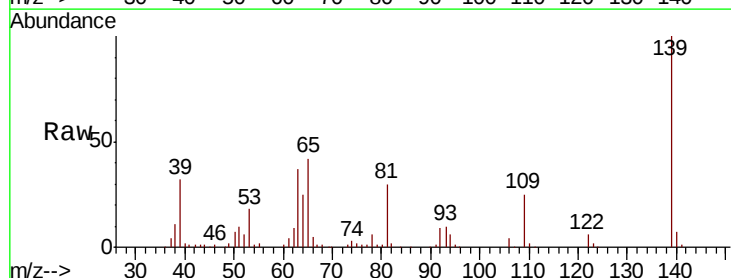
Instrument :
BNA_G
ClientSampleId :
PB130837BS

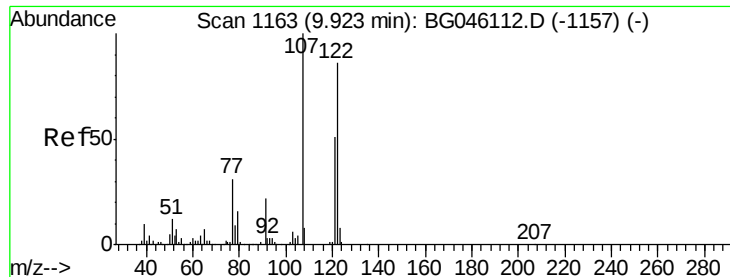
Tot Ion	82	Resp	600542
Ion Ratio	100	Lower	Upper
95	6.9	5.5	8.3
138	20.6	15.3	22.9



#26
2-Nitrophenol
Concen: 45.940 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	139	Resp	172030
Ion Ratio	100	Lower	Upper
109	24.9	21.8	32.8
65	42.1	36.2	54.2

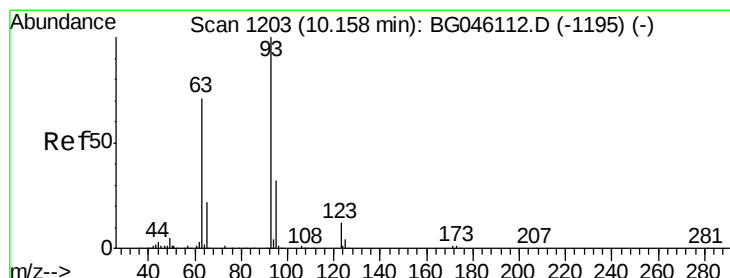
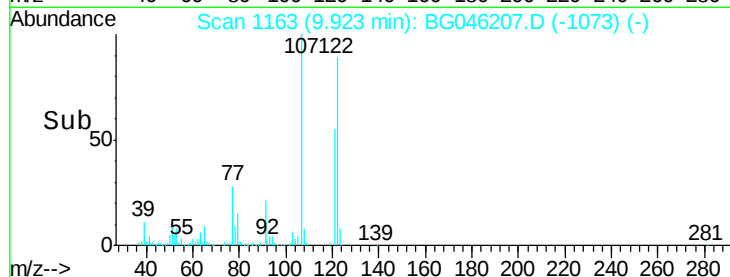
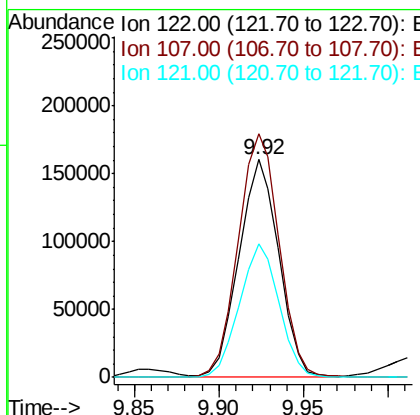
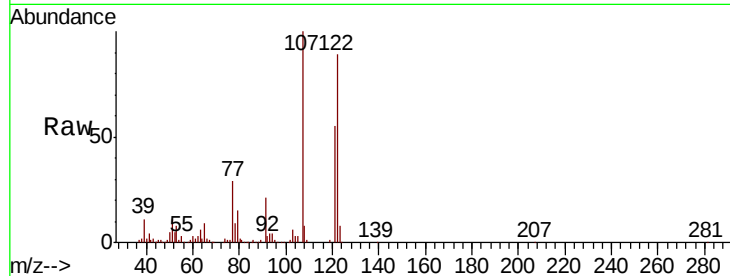




#27
 2,4-Dimethylphenol
 Concen: 43.009 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

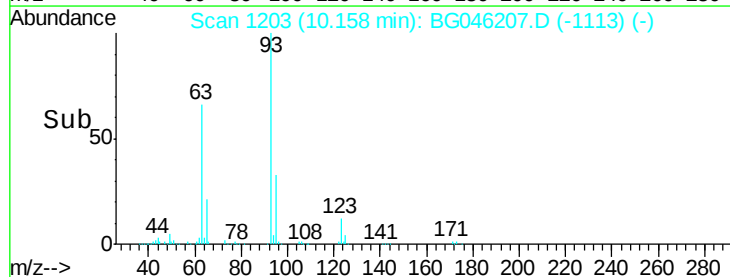
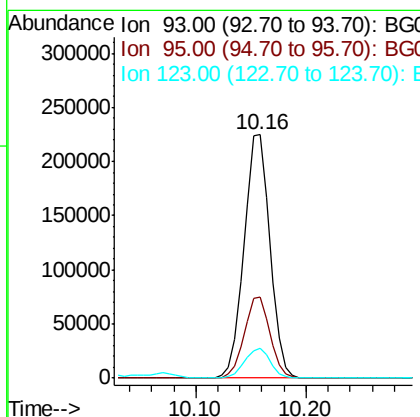
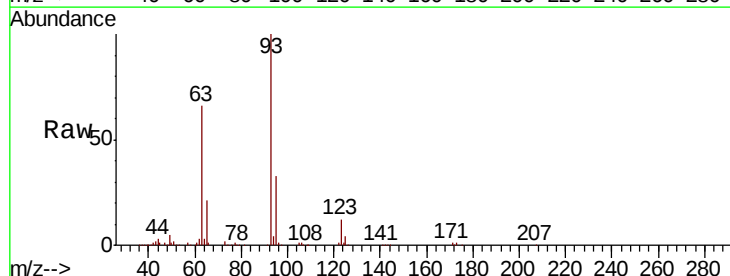
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

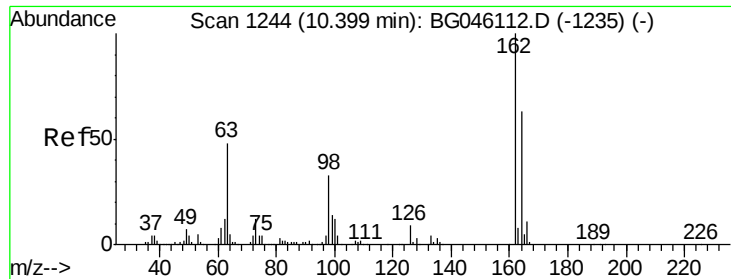
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	92.4	138.6
121	61.2	47.0	70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.339 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.0	39.0
123	12.3	9.7	14.5

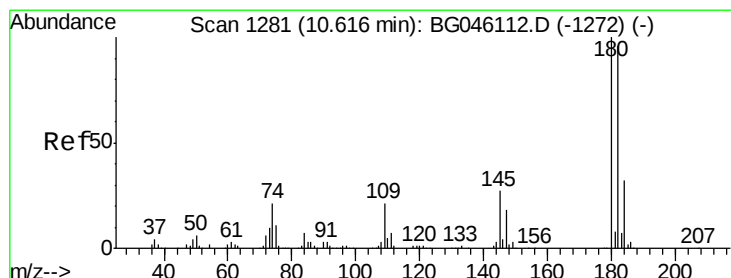
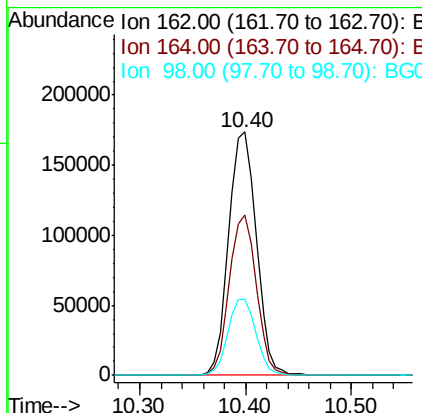
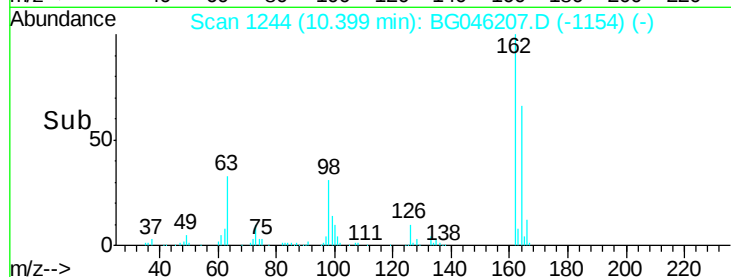
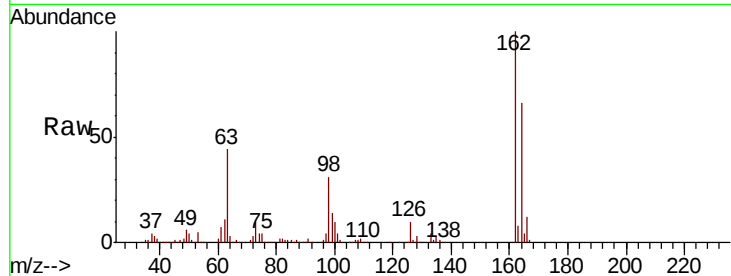




#29
 2,4-Dichlorophenol
 Concen: 44.180 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

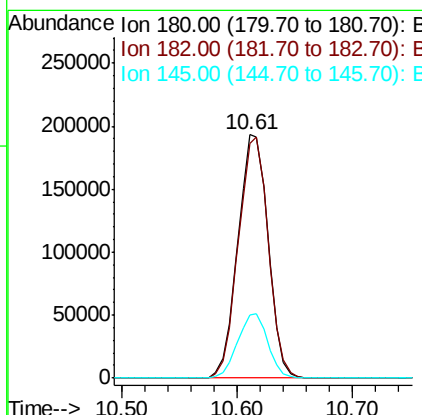
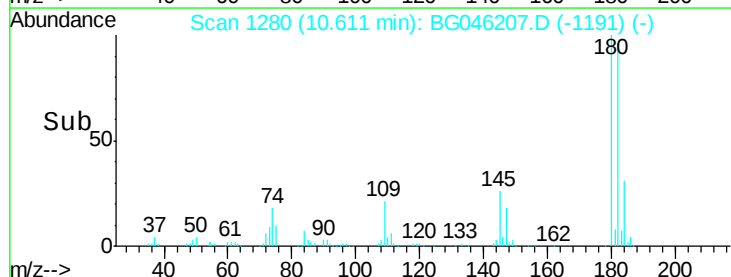
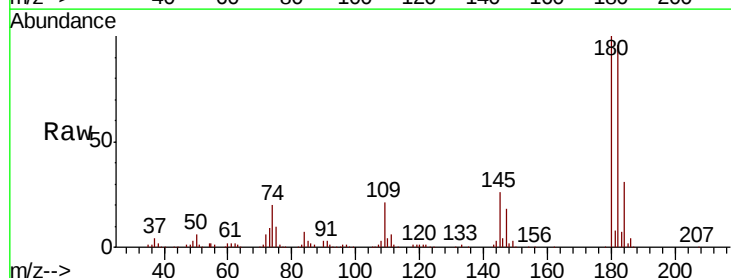
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

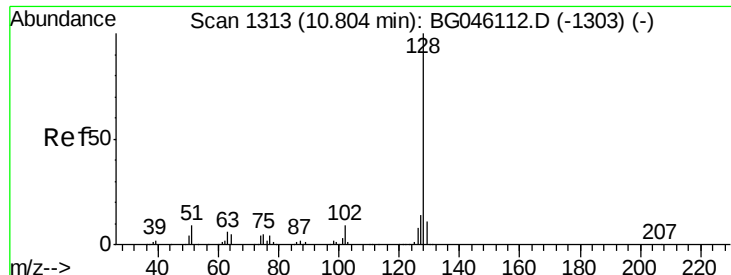
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.3	83.3
98	31.2	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.734 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.7	115.1
145	26.1	21.8	32.8

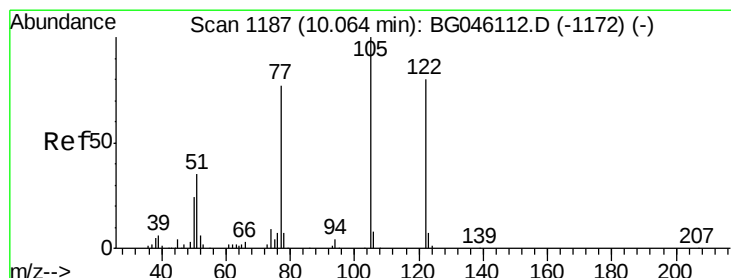
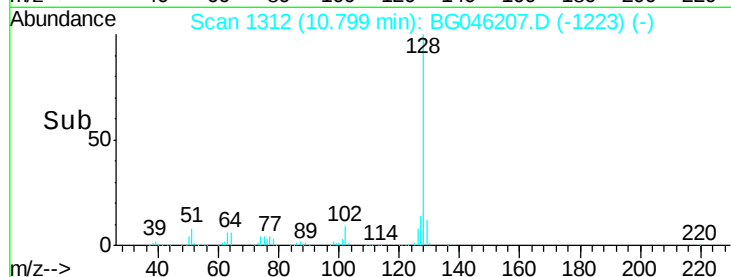
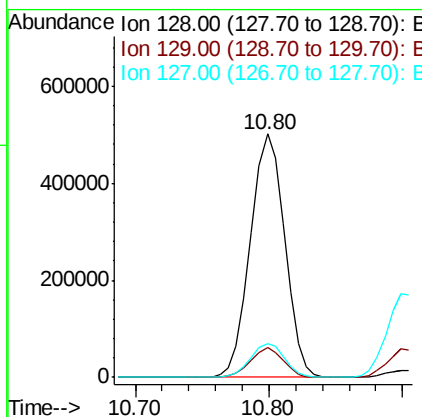
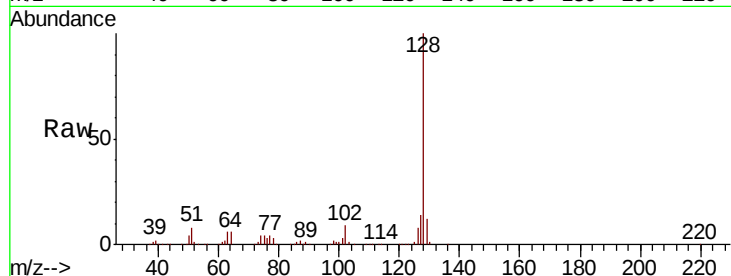




#31
Naphthalene
Concen: 40.182 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

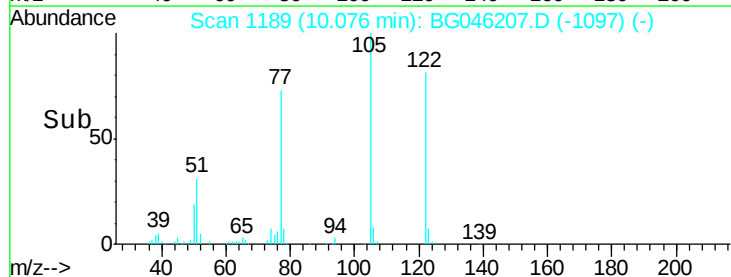
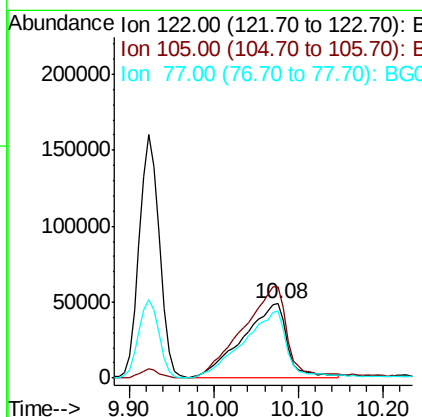
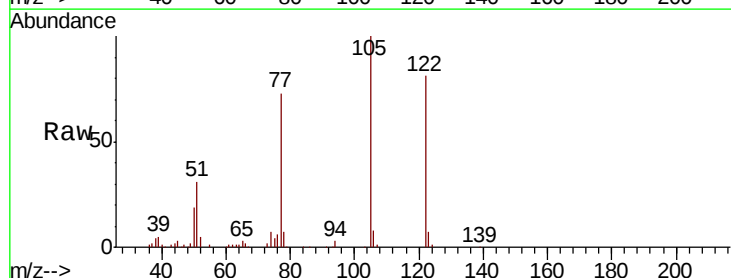
Instrument :
BNA_G
ClientSampleId :
PB130837BS

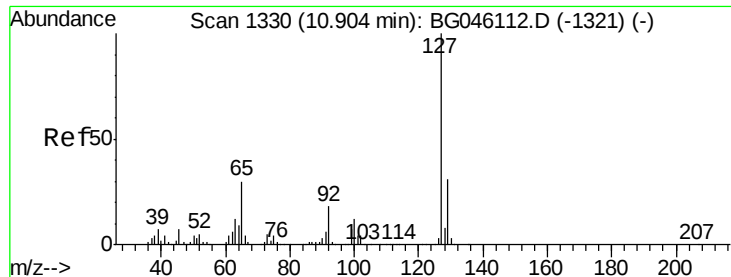
Tot Ion:128 Resp: 892089
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.0 11.3 16.9



#32
Benzoic acid
Concen: 41.124 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:122 Resp: 176684
Ion Ratio Lower Upper
122 100
105 123.2 103.0 143.0
77 89.7 75.2 115.2

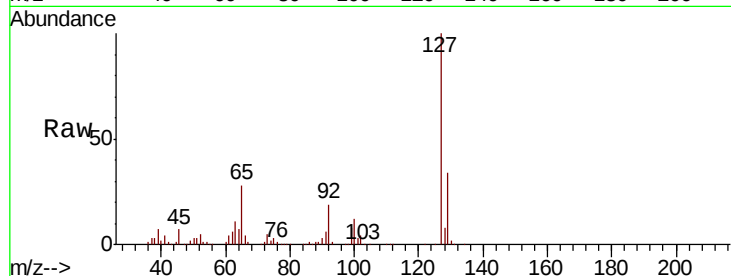




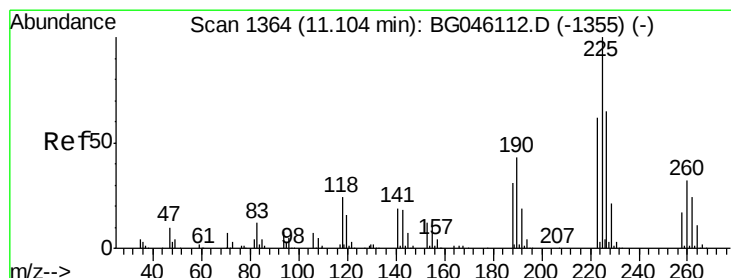
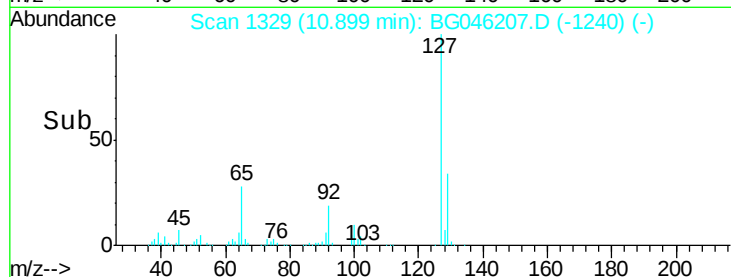
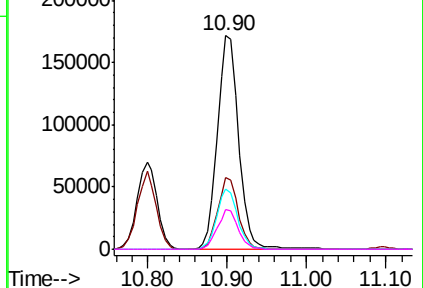
#33
4-Chloroaniline
Concen: 34.860 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion:	127	Resp:	316260
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.2	37.8
65	28.2	24.2	36.2
92	18.7	14.5	21.7

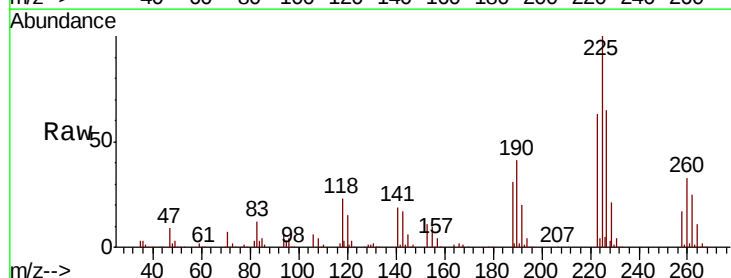


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

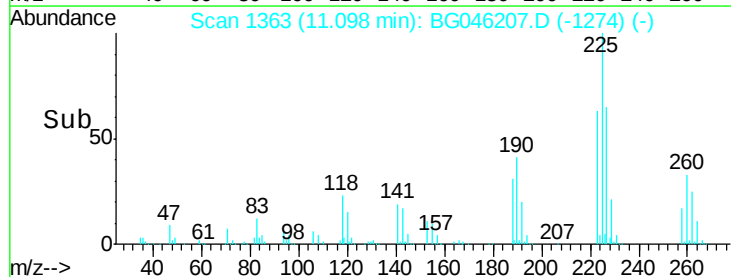
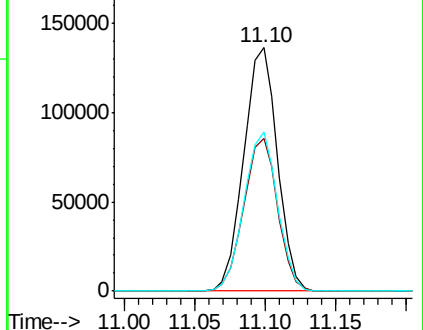


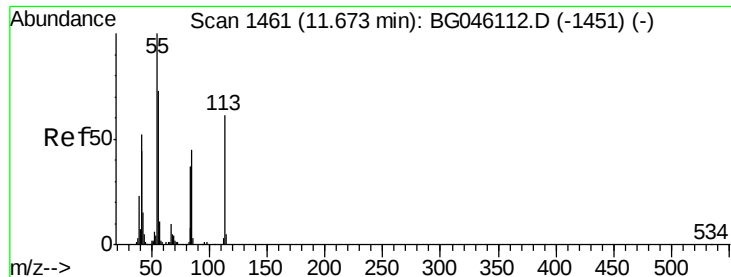
#34
Hexachlorobutadiene
Concen: 40.868 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:	225	Resp:	228404
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	65.1	51.9	77.9



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





#35

Caprolactam

Concen: 22.291 ng

RT: 11.67 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

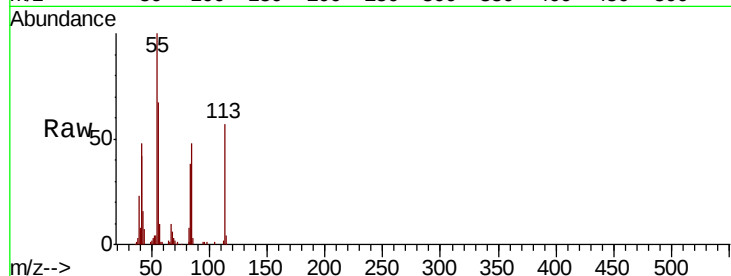
Tot Ion:113 Resp: 52289

Ion Ratio Lower Upper

113 100

55 175.7 144.7 184.7

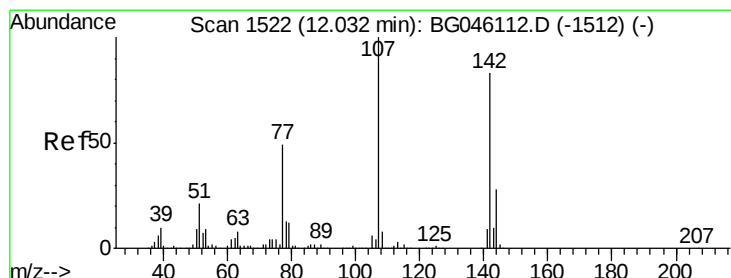
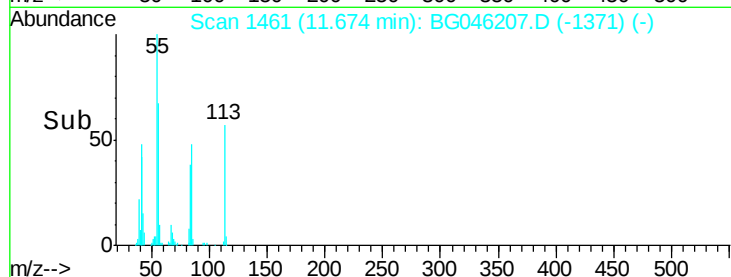
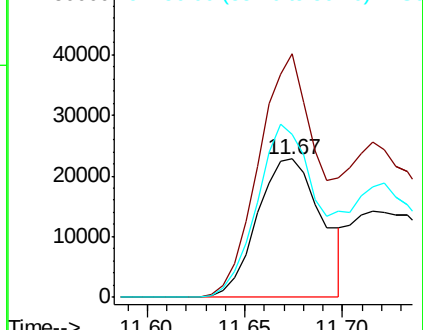
56 117.9 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.769 ng

RT: 12.03 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

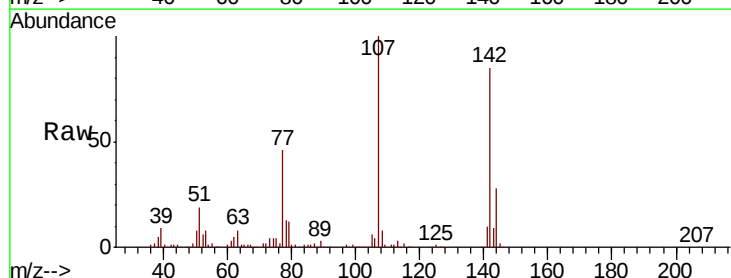
Tgt Ion:107 Resp: 307830

Ion Ratio Lower Upper

107 100

144 27.8 22.4 33.6

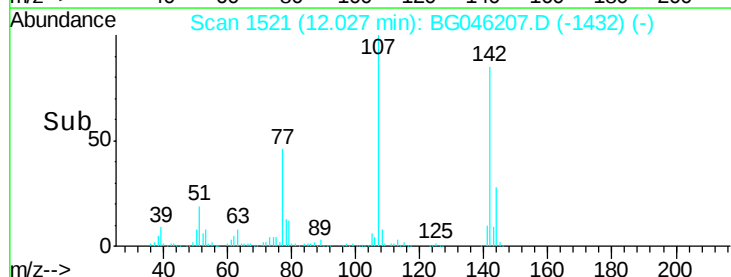
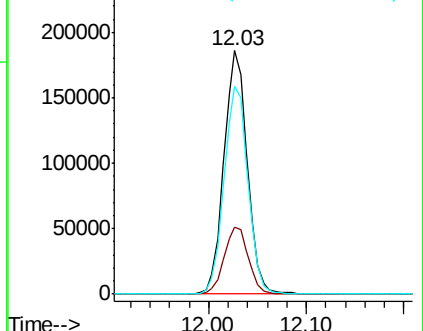
142 85.1 66.6 100.0

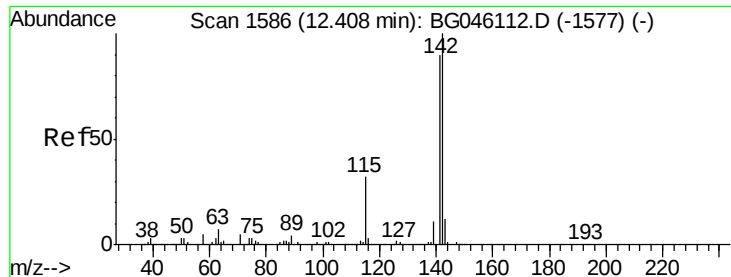


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

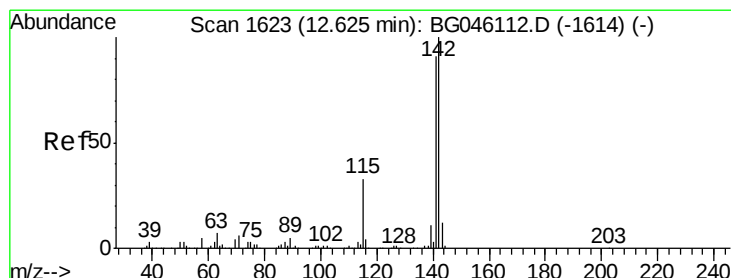
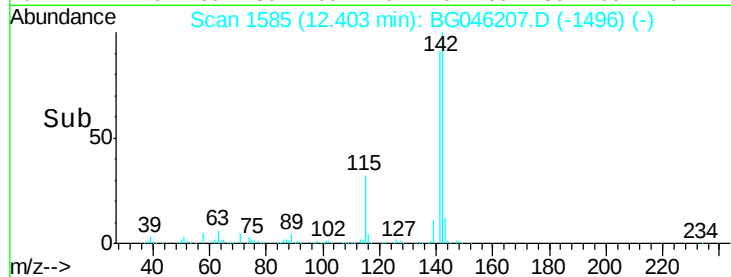
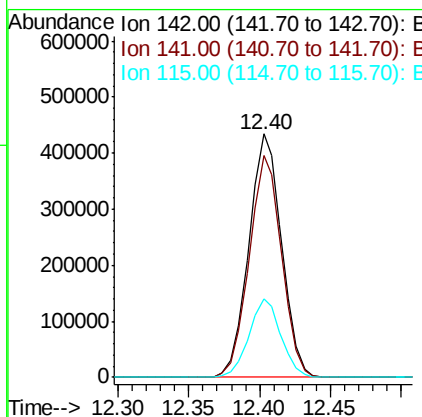
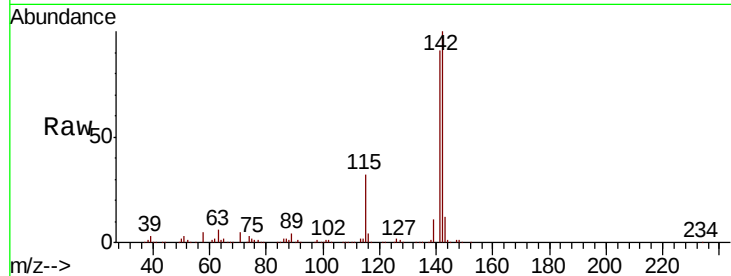




#37
2-Methylnaphthalene
Concen: 41.230 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

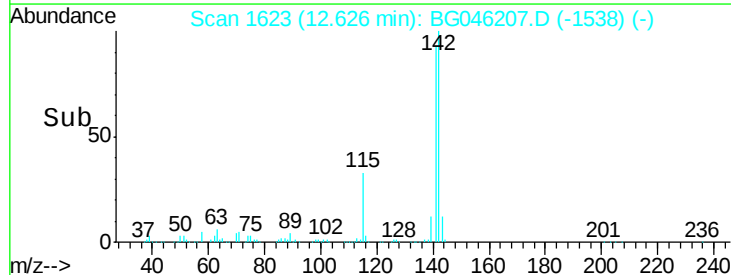
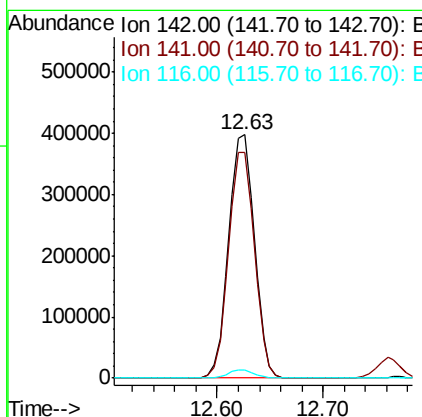
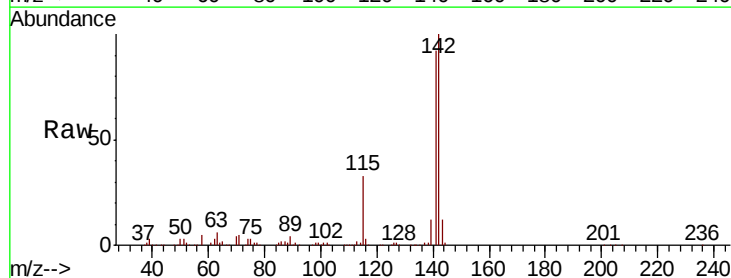
Instrument :
BNA_G
ClientSampleId :
PB130837BS

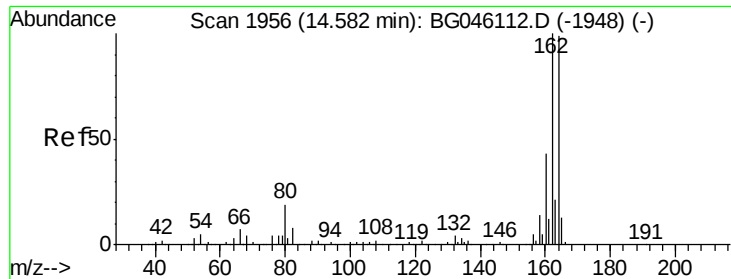
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.7	107.5
115	32.2	25.8	38.8



#38
1-Methylnaphthalene
Concen: 41.474 ng
RT: 12.63 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.0	109.4
116	3.4	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

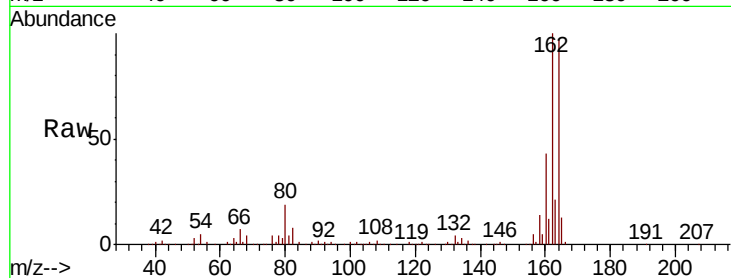
Tot Ion:164 Resp: 278089

Ion Ratio Lower Upper

164 100

162 102.7 80.6 121.0

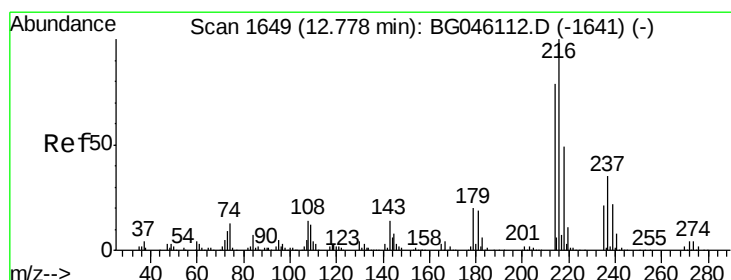
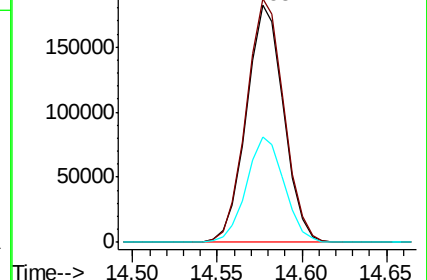
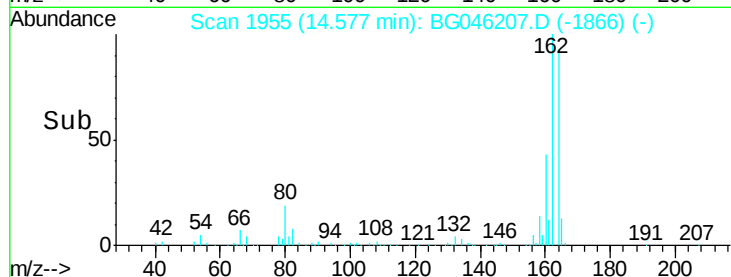
160 44.2 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.198 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:216 Resp: 402773

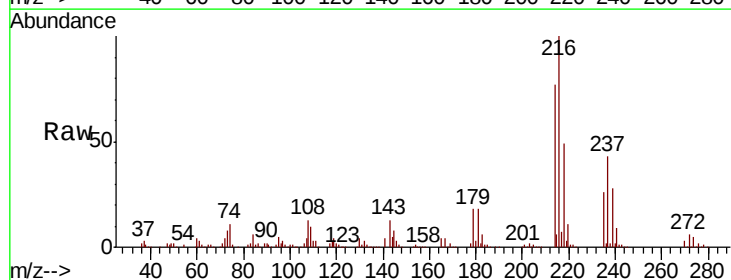
Ion Ratio Lower Upper

216 100

214 76.7 62.7 94.1

179 18.7 15.0 22.6

108 15.3 11.6 17.4

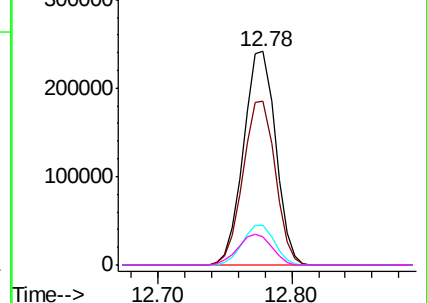
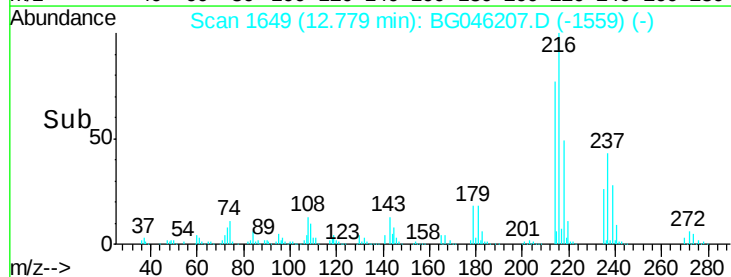


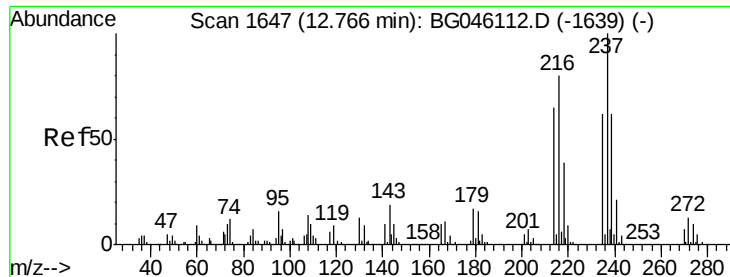
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.295 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

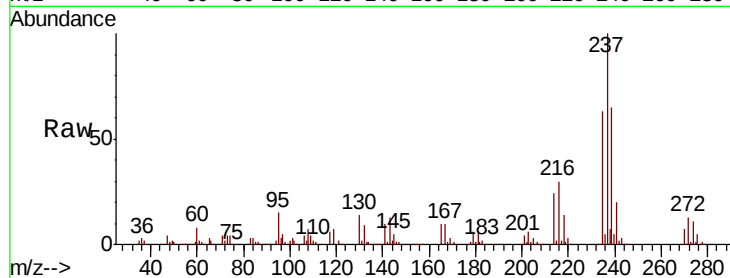
Tot Ion:237 Resp: 518941

Ion Ratio Lower Upper

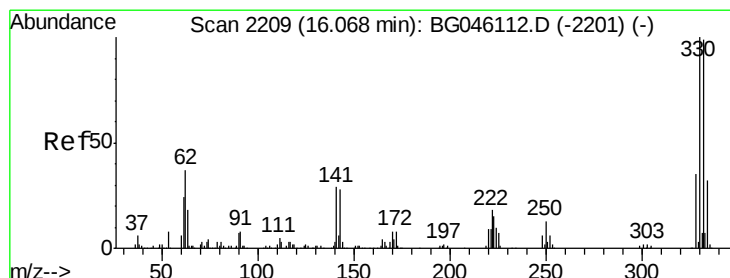
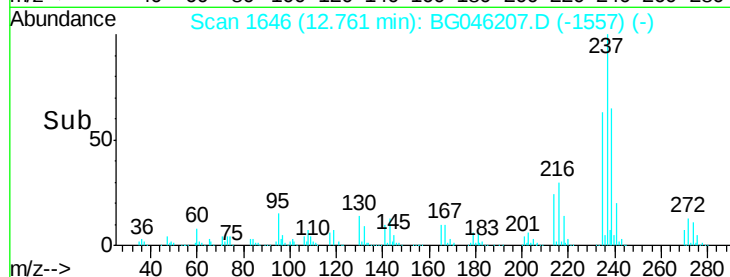
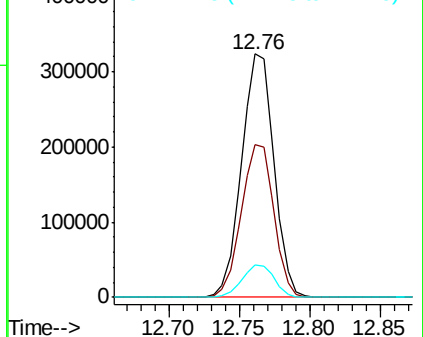
237 100

235 62.9 42.3 82.3

272 13.3 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.970 ng

RT: 16.07 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

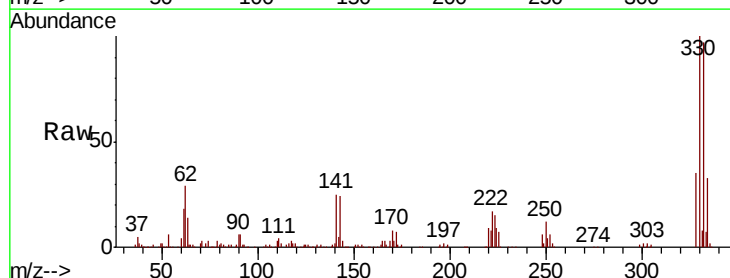
Tgt Ion:330 Resp: 580781

Ion Ratio Lower Upper

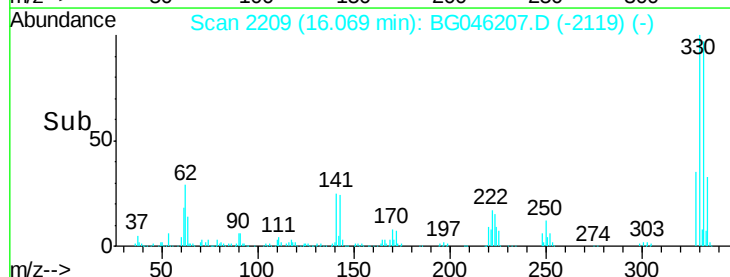
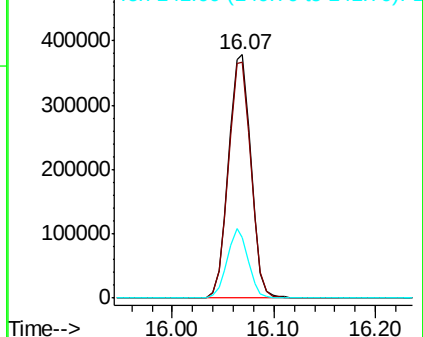
330 100

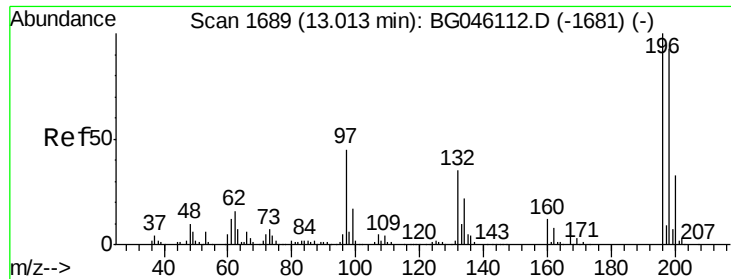
332 97.3 77.4 116.2

141 26.7 23.4 35.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

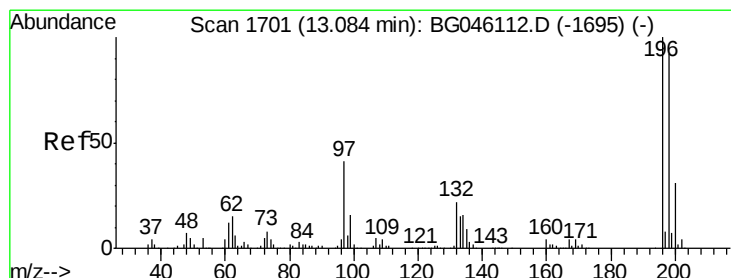
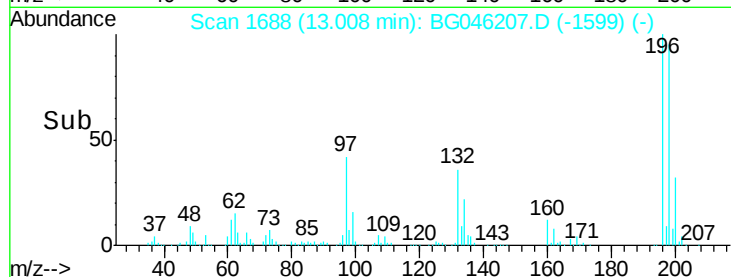
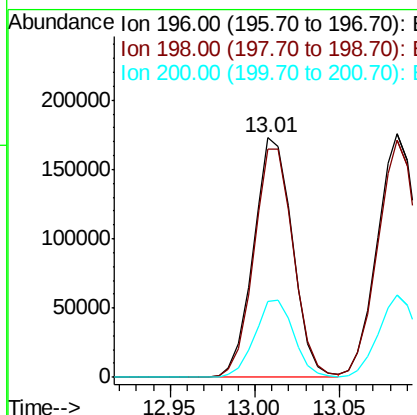
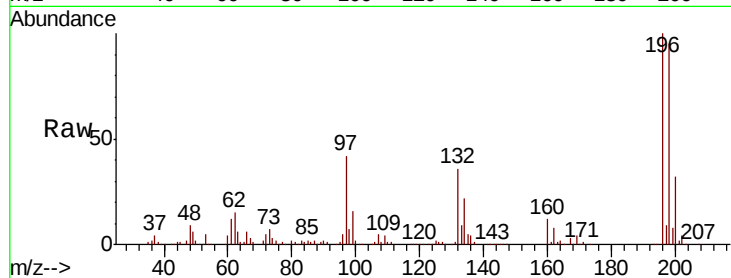




#43
 2,4,6-Trichlorophenol
 Concen: 43.441 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

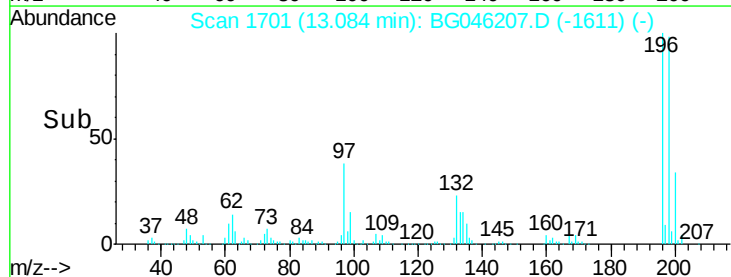
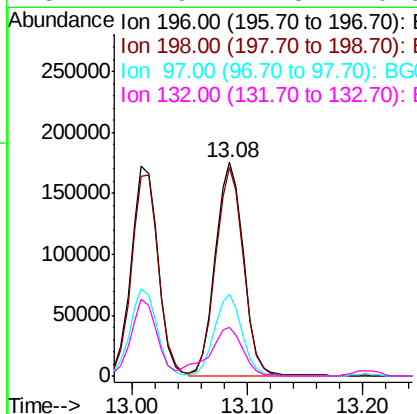
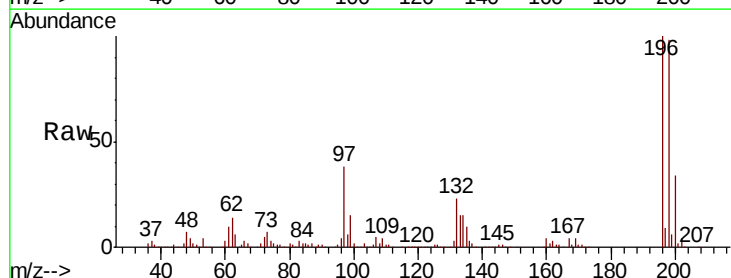
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

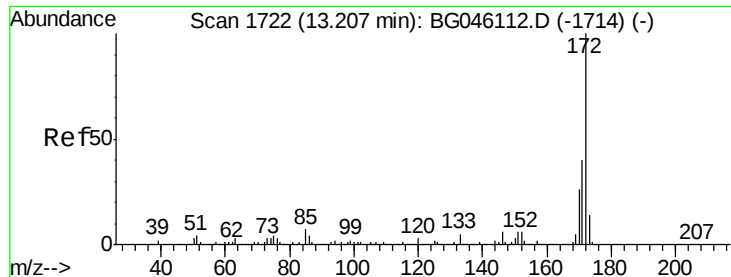
Tot Ion:196 Resp: 277696
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.2 111.4
 200 31.8 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.260 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion:196 Resp: 294756
 Ion Ratio Lower Upper
 196 100
 198 97.7 73.9 110.9
 97 38.4 32.7 49.1
 132 22.9 17.8 26.8

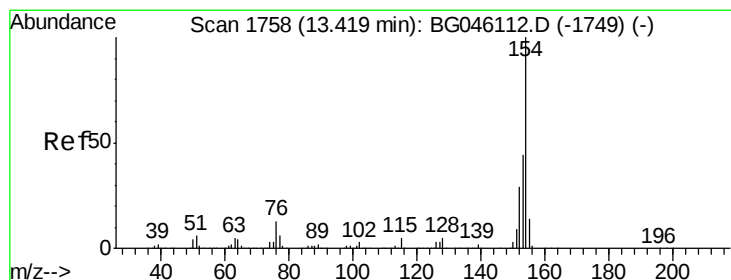
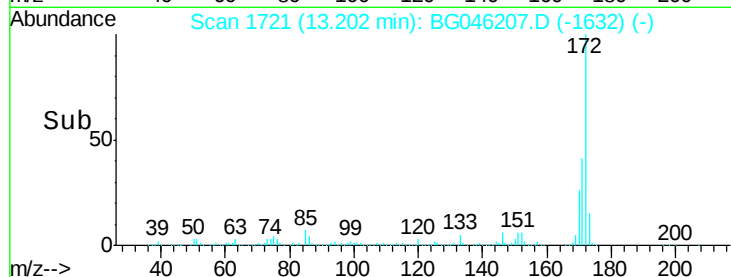
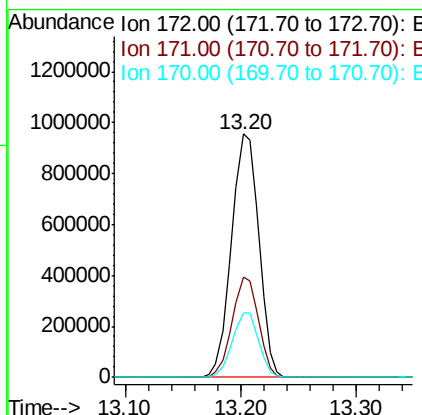
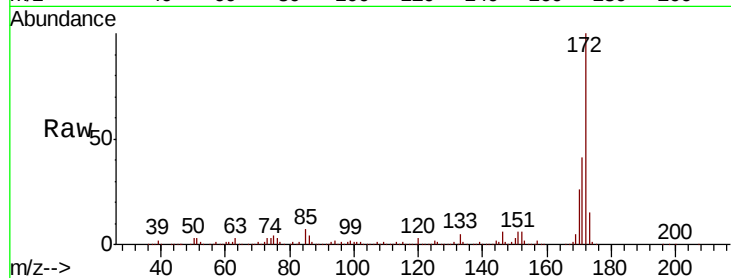




#45
2-Fluorobiphenyl
Concen: 81.802 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

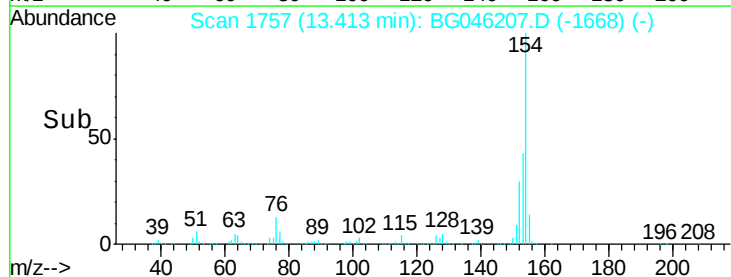
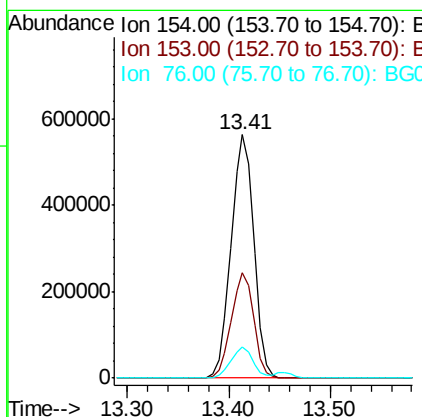
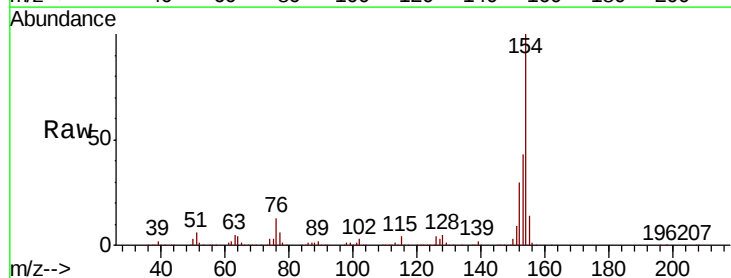
Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion:172 Resp: 1566003
Ion Ratio Lower Upper
172 100
171 41.1 31.7 47.5
170 26.3 20.9 31.3



#46
1,1'-Biphenyl
Concen: 39.991 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:154 Resp: 872401
Ion Ratio Lower Upper
154 100
153 43.3 23.7 63.7
76 12.8 0.0 32.9

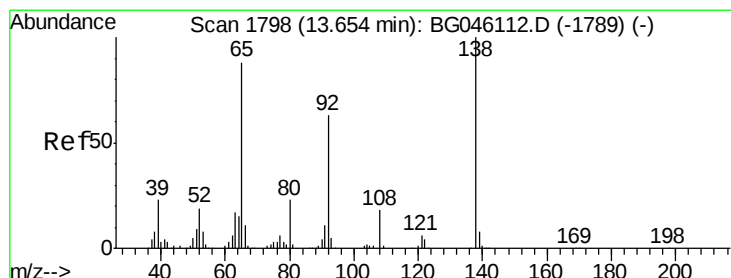
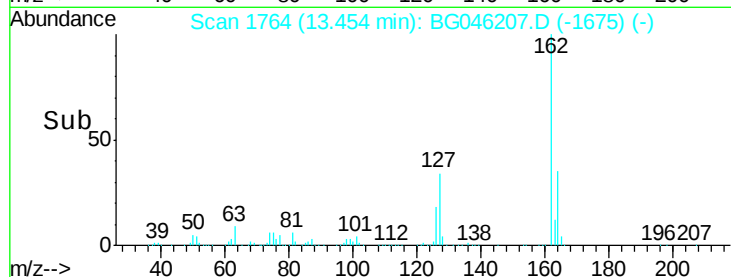
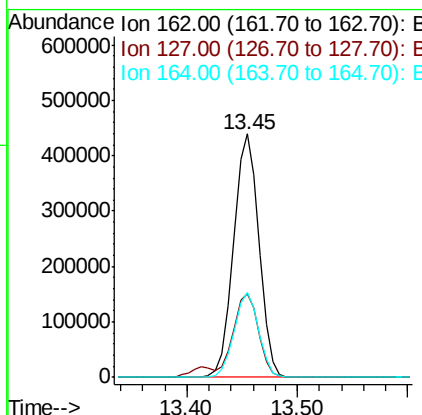
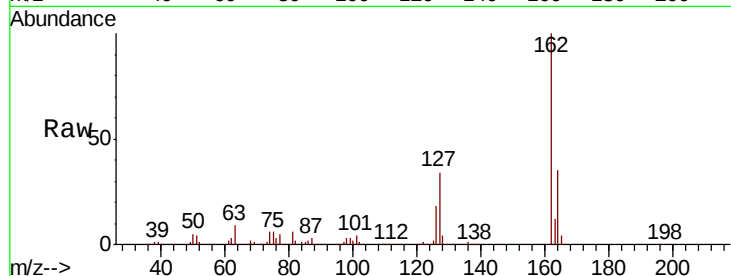




#47
2-Chloronaphthalene
Concen: 40.604 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

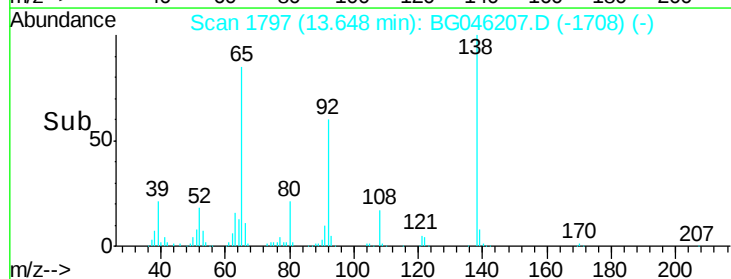
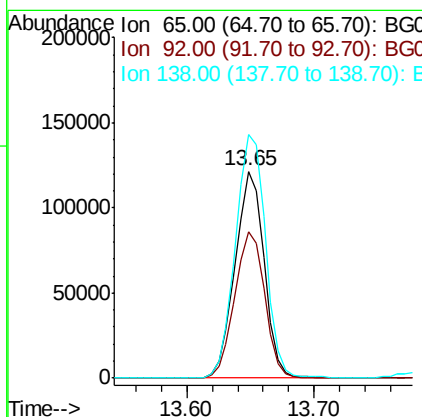
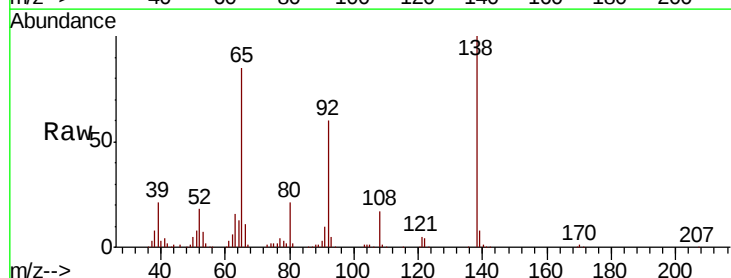
Instrument :
BNA_G
ClientSampleId :
PB130837BS

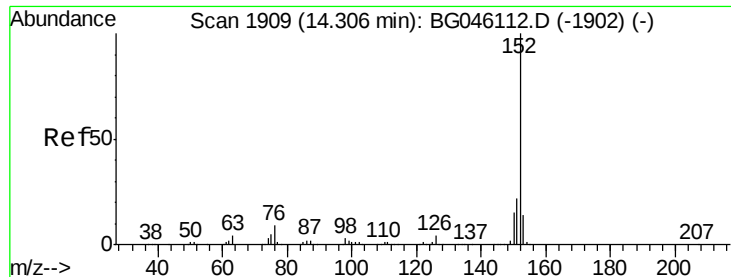
Tot Ion:	162	Resp:	706561
Ion	Ratio	Lower	Upper
162	100		
127	34.4	28.0	42.0
164	34.9	26.5	39.7



#48
2-Nitroaniline
Concen: 42.348 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:	65	Resp:	193160
Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.4	86.2
138	117.7	91.1	136.7





#49

Acenaphthylene

Concen: 40.543 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

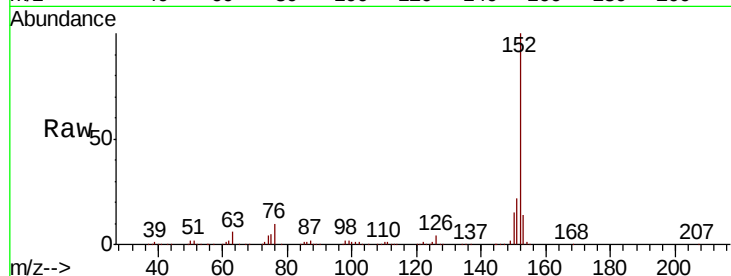
BNA_G

ClientSampleId :

PB130837BS

Tot Ion:152 Resp: 1095504

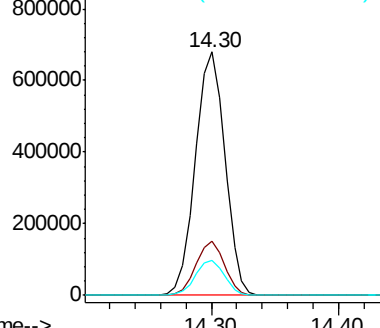
Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.4	26.2
153	14.4	10.9	16.3



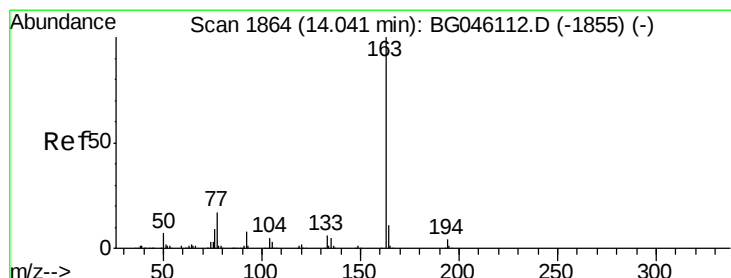
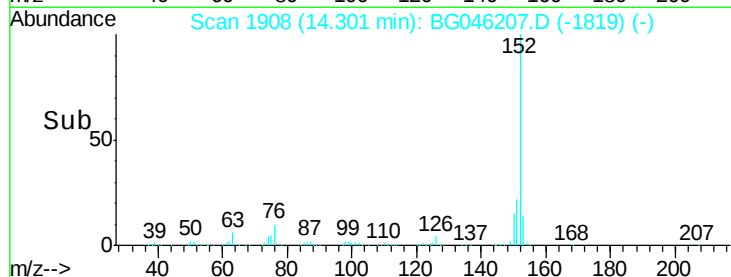
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 41.938 ng

RT: 14.04 min Scan# 1863

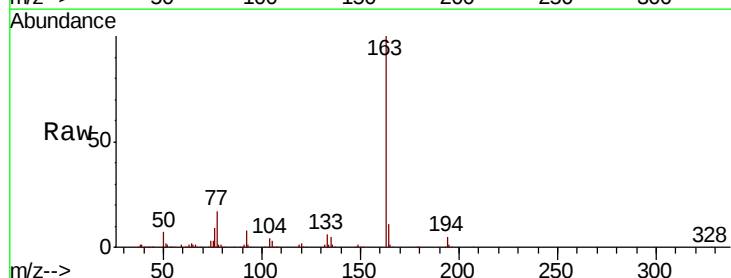
Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:163 Resp: 895124

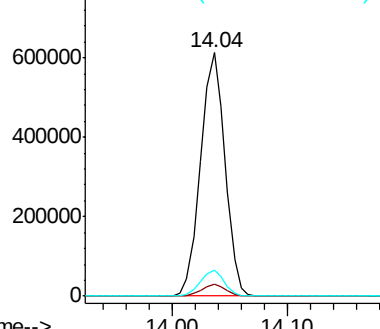
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	10.9	8.8	13.2



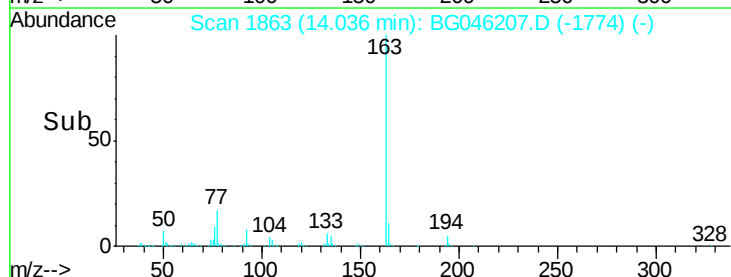
Abundance Ion 163.00 (162.70 to 163.70): E

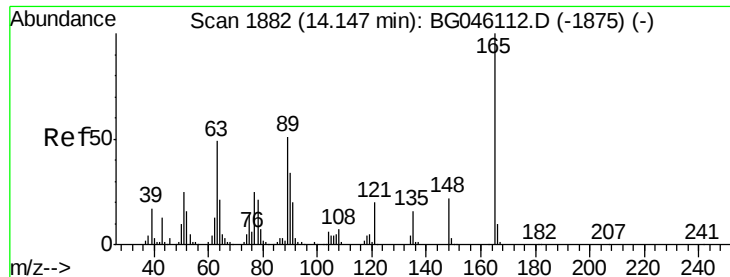
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

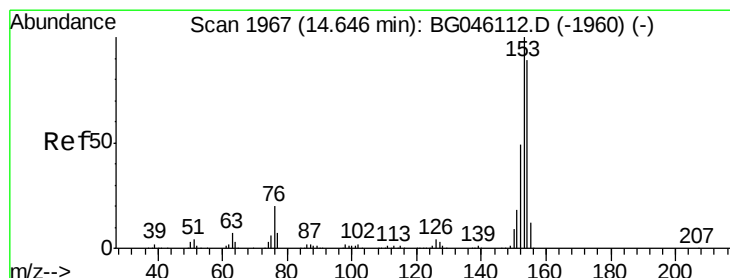
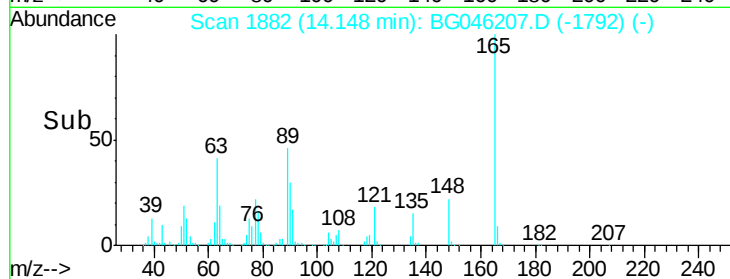
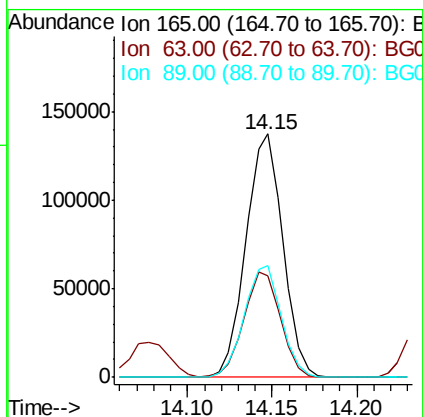
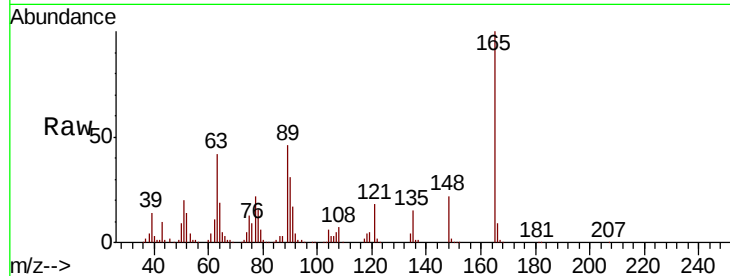




#51
 2,6-Dinitrotoluene
 Concen: 41.903 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

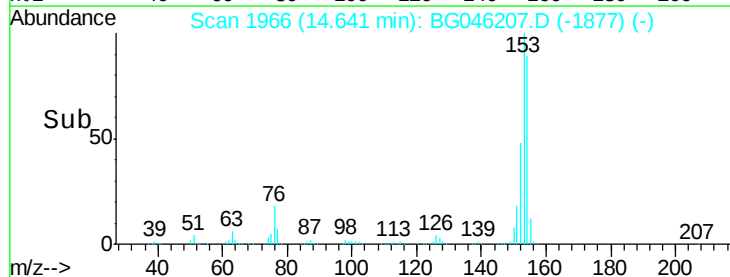
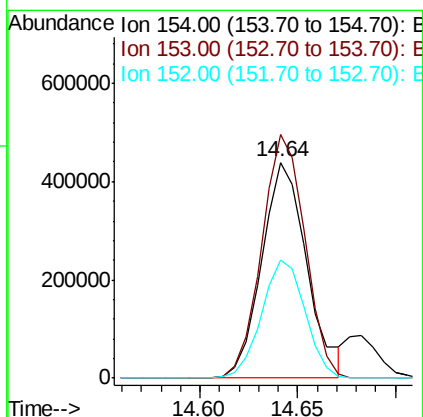
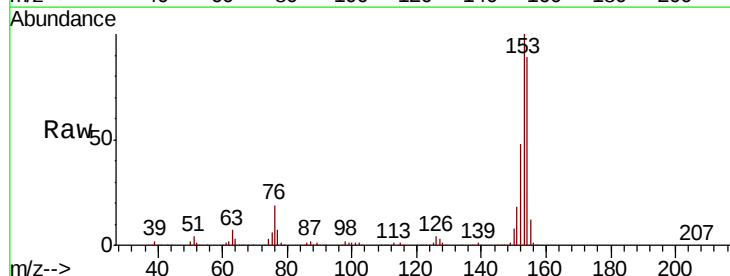
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

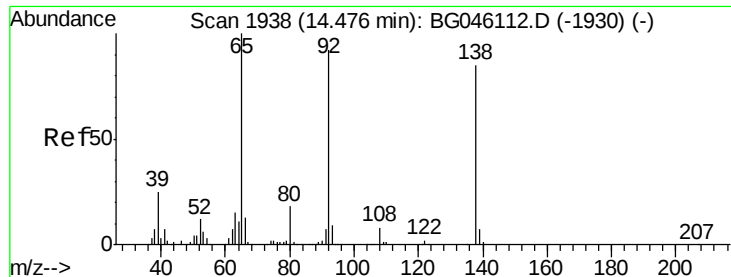
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	39.7	59.5
89	46.2	41.0	61.6



#52
 Acenaphthene
 Concen: 39.360 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.8	134.8
152	54.6	44.5	66.7





#53

3-Nitroaniline

Concen: 36.589 ng

RT: 14.48 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

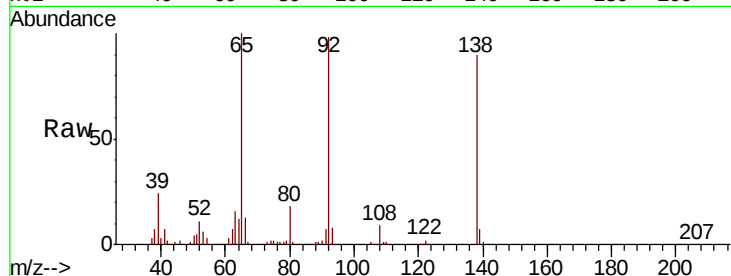
Tot Ion:138 Resp: 180187

Ion Ratio Lower Upper

138 100

108 10.1 7.2 10.8

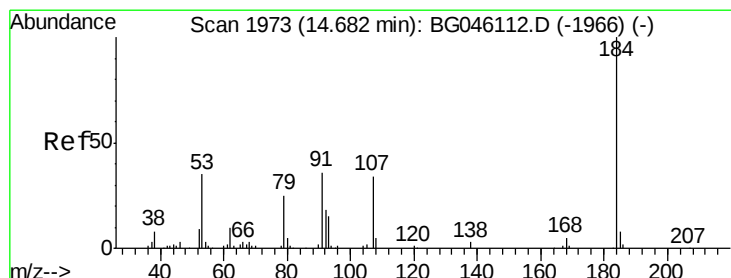
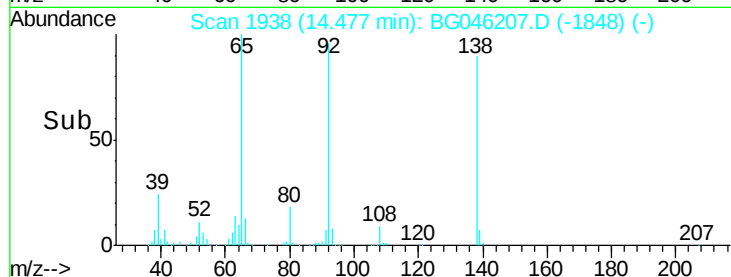
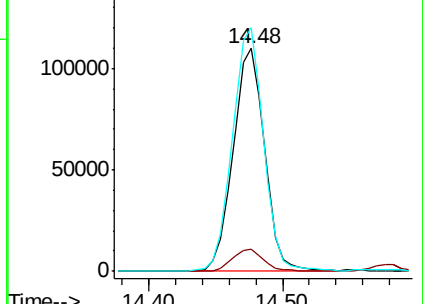
92 109.2 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 82.014 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

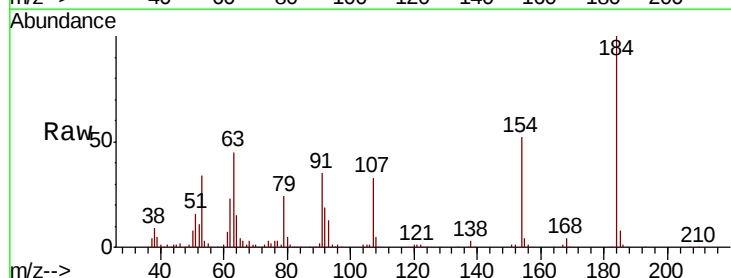
Tgt Ion:184 Resp: 258724

Ion Ratio Lower Upper

184 100

63 45.1 36.7 55.1

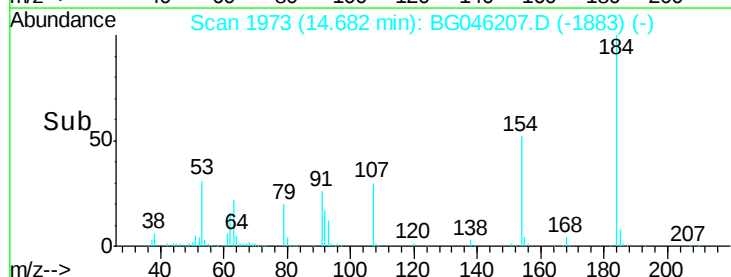
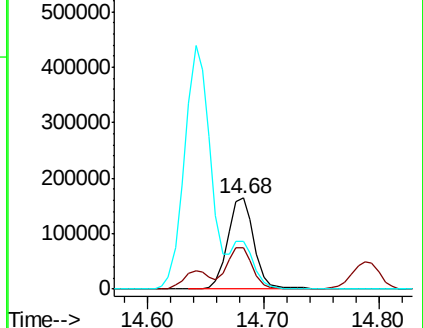
154 52.4 41.3 61.9

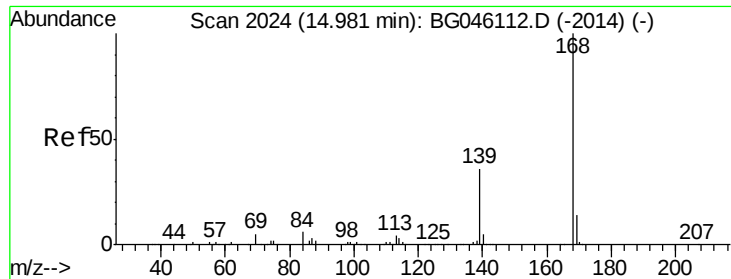


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

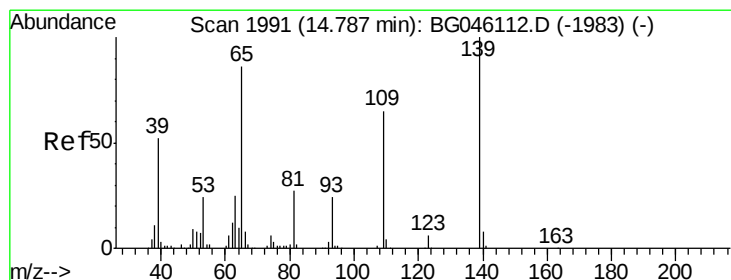
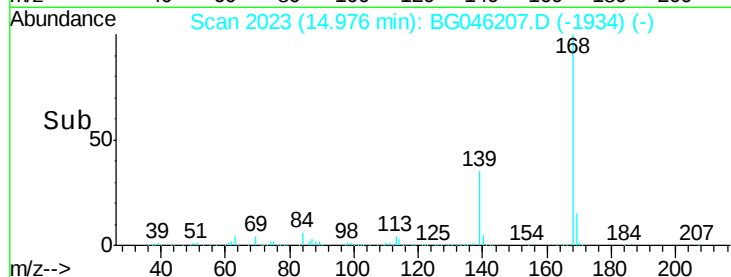
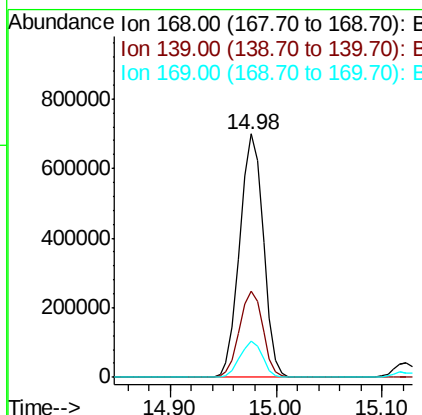
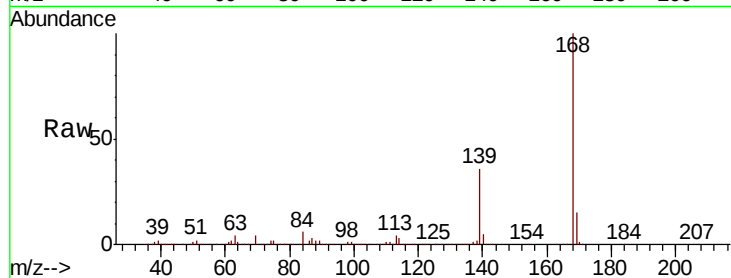




#55
Dibenzofuran
Concen: 40.123 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

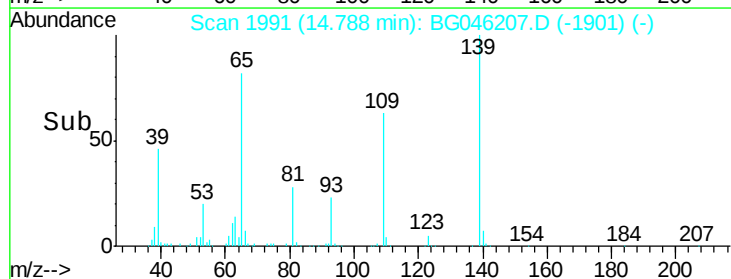
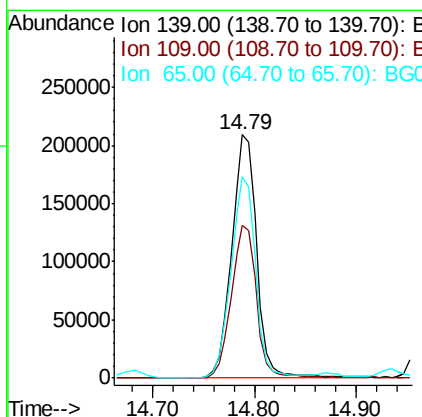
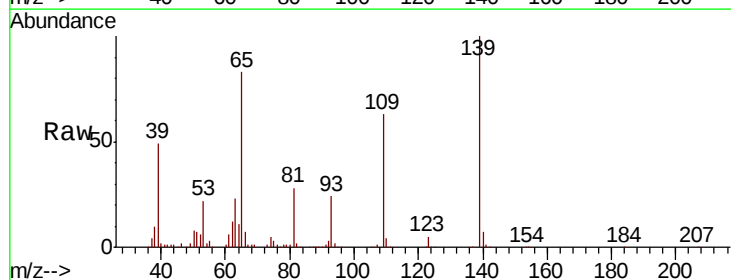
Instrument :
BNA_G
ClientSampleId :
PB130837BS

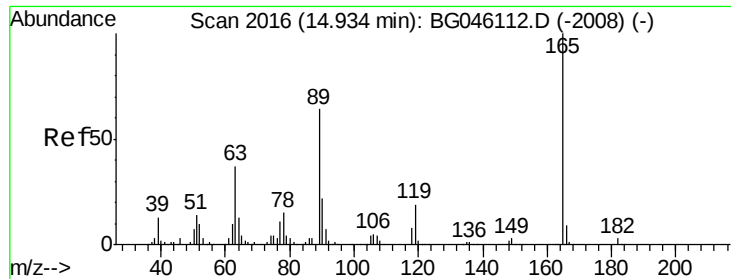
Tot Ion:168 Resp: 1079684
Ion Ratio Lower Upper
168 100
139 35.7 29.0 43.4
169 14.7 11.3 16.9



#56
4-Nitrophenol
Concen: 83.702 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:139 Resp: 357870
Ion Ratio Lower Upper
139 100
109 62.7 45.1 85.1
65 82.9 66.4 106.4

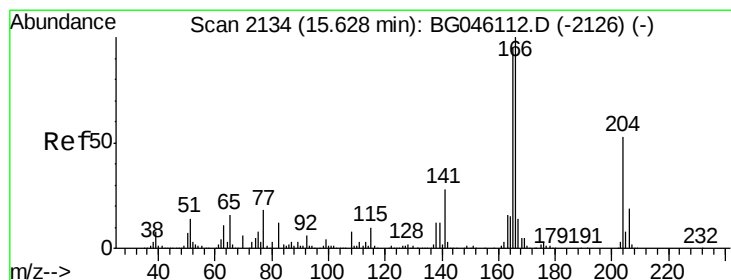
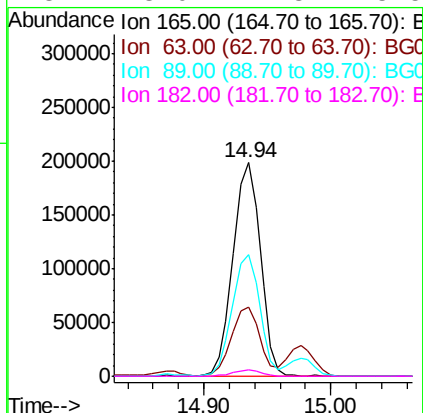
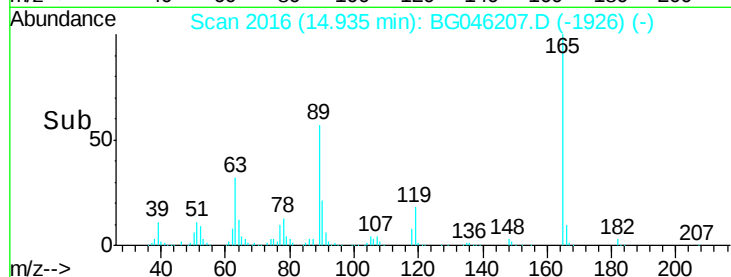
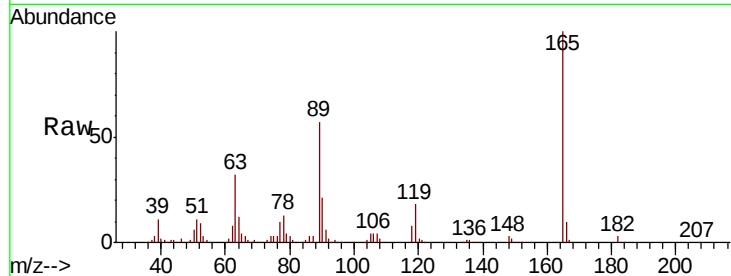




#57
2,4-Dinitrotoluene
Concen: 43.544 ng
RT: 14.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

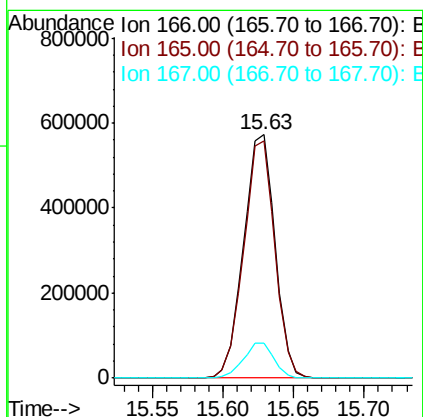
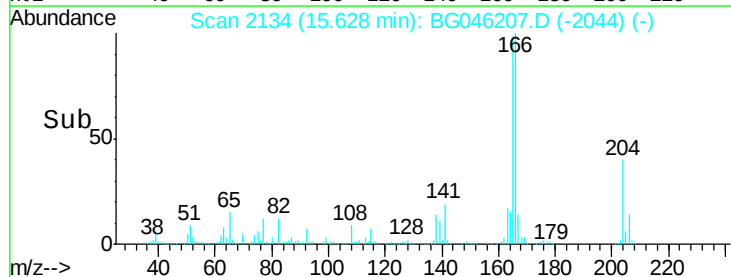
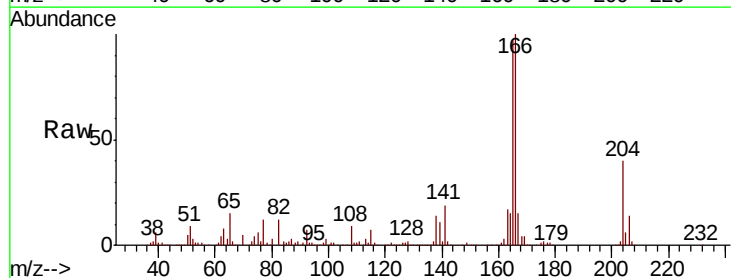
Instrument :
BNA_G
ClientSampleId :
PB130837BS

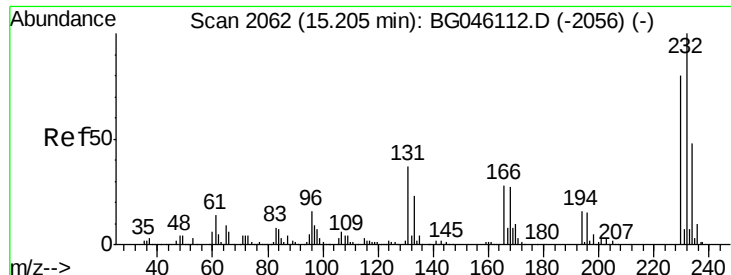
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.4	30.1	45.1
89	57.2	51.4	77.2
182	3.0	2.3	3.5



#58
Fluorene
Concen: 40.935 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.3	114.5
167	14.6	11.0	16.6

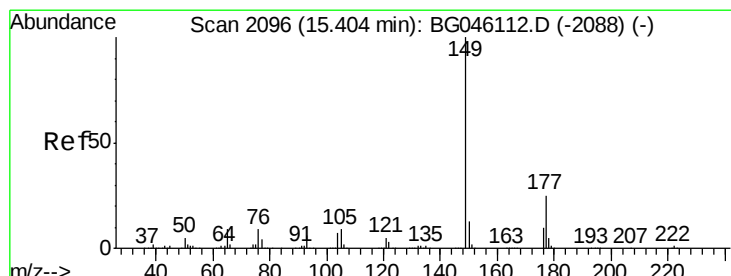
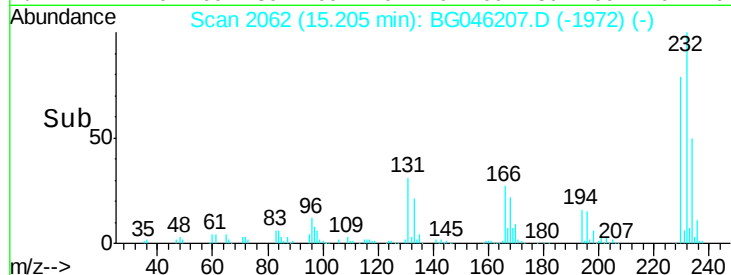
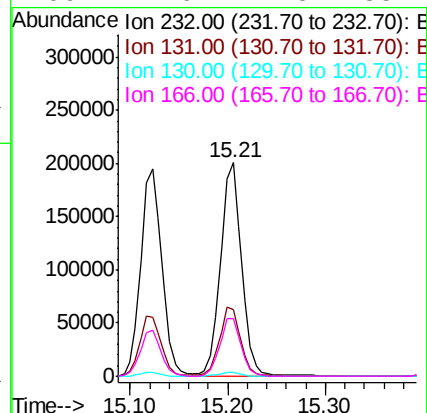
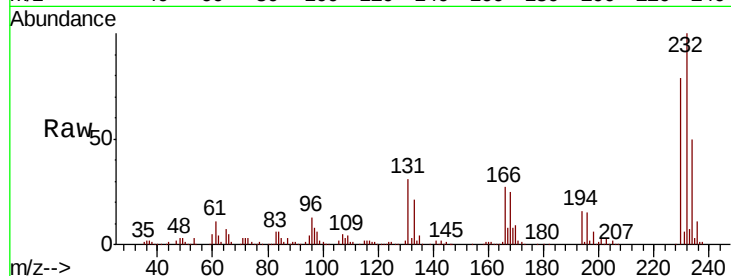




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.557 ng
RT: 15.21 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

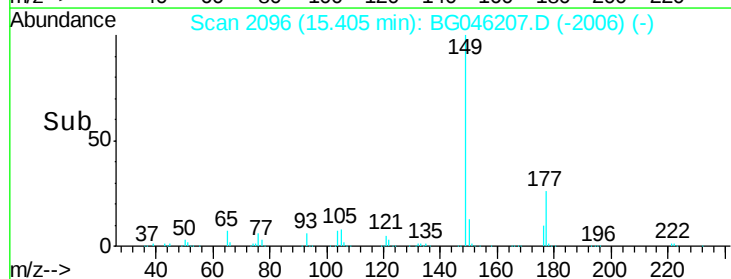
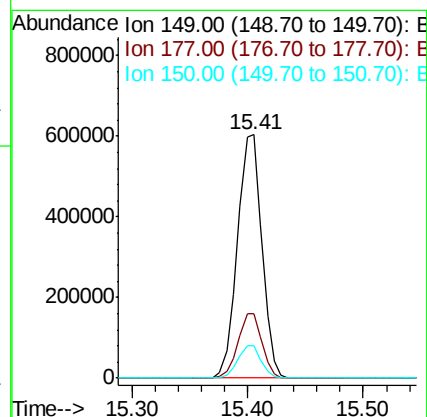
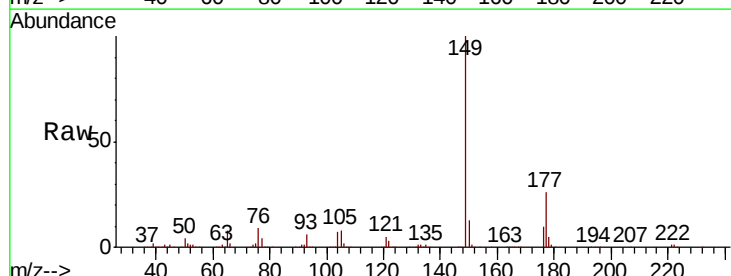
Instrument :
BNA_G
ClientSampleId :
PB130837BS

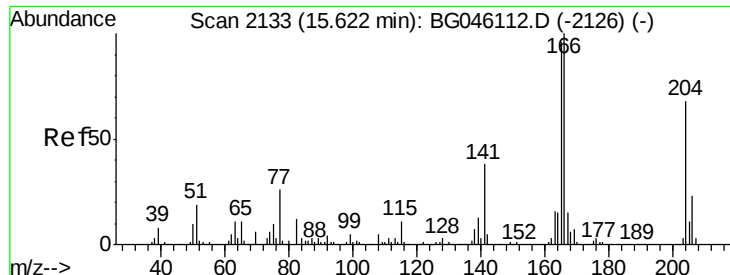
Tot Ion:	232	Resp:	299297
Ion	Ratio	Lower	Upper
232	100		
131	33.0	28.6	42.8
130	1.8	1.6	2.4
166	27.6	22.5	33.7



#60
Diethylphthalate
Concen: 42.099 ng
RT: 15.41 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:	149	Resp:	883933
Ion	Ratio	Lower	Upper
149	100		
177	26.4	19.7	29.5
150	13.1	10.8	16.2

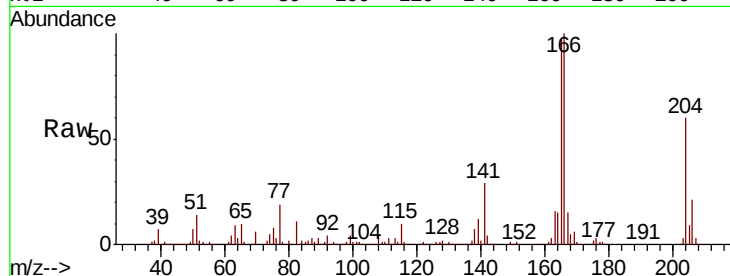




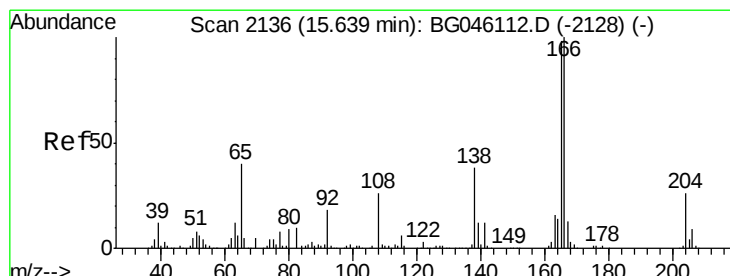
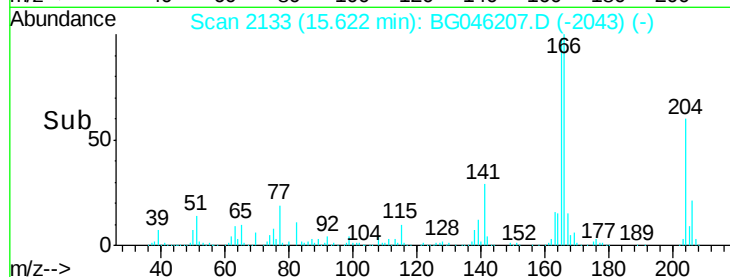
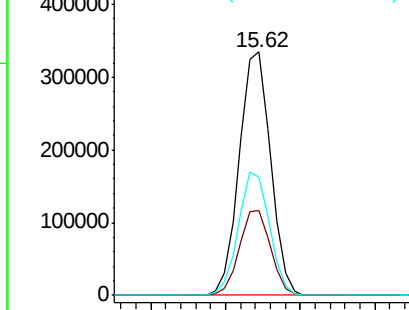
#61
 4-Chlorophenyl-phenylether
 Concen: 42.927 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion:204 Resp: 488583
 Ion Ratio Lower Upper
 204 100
 206 34.9 27.7 41.5
 141 48.8 44.7 67.1

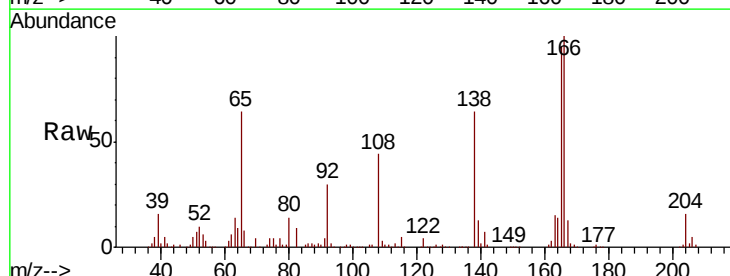


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

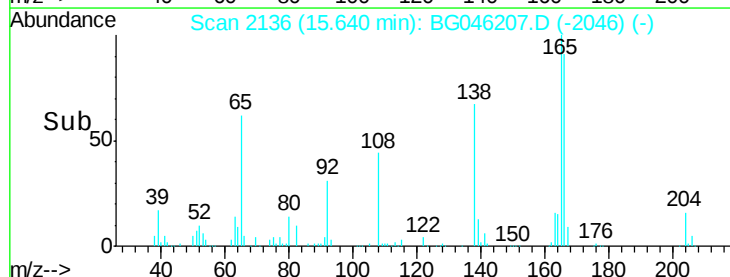
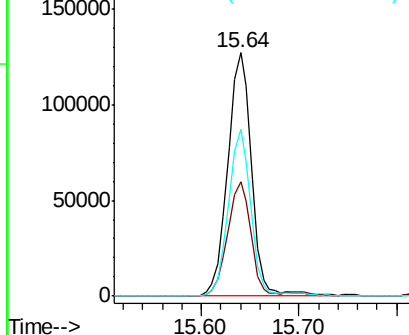


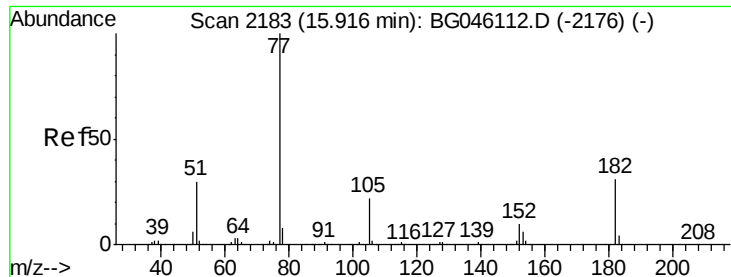
#62
 4-Nitroaniline
 Concen: 43.352 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion:138 Resp: 214714
 Ion Ratio Lower Upper
 138 100
 92 47.0 28.3 68.3
 108 68.6 49.2 89.2



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

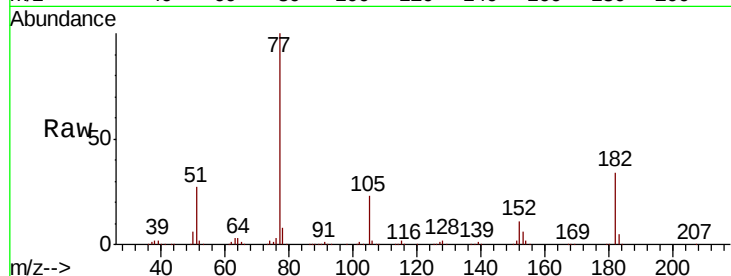




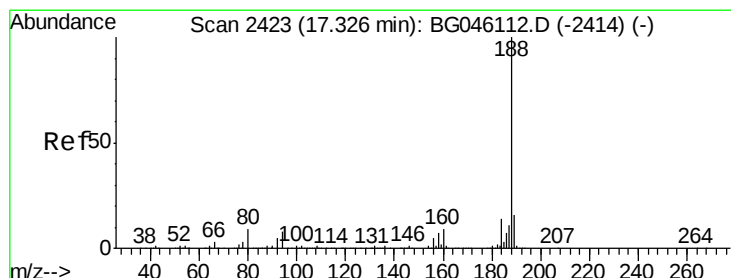
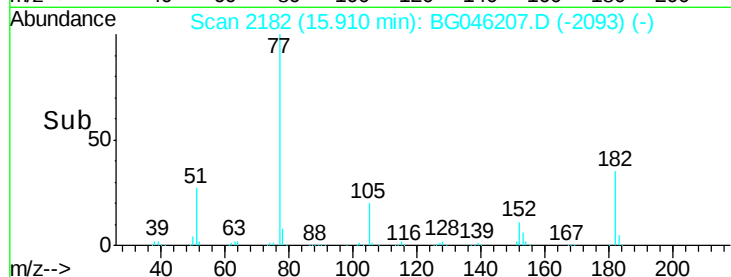
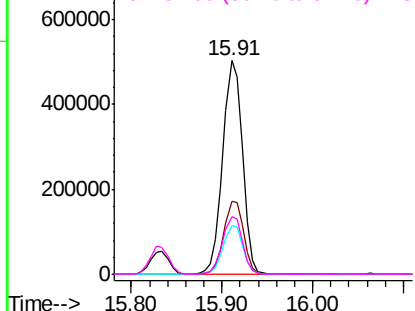
#63
Azobenzene
Concen: 38.583 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion:	77	Resp:	759212
Ion	Ratio	Lower	Upper
77	100		
182	34.3	10.7	50.7
105	23.1	1.9	41.9
51	27.3	9.5	49.5

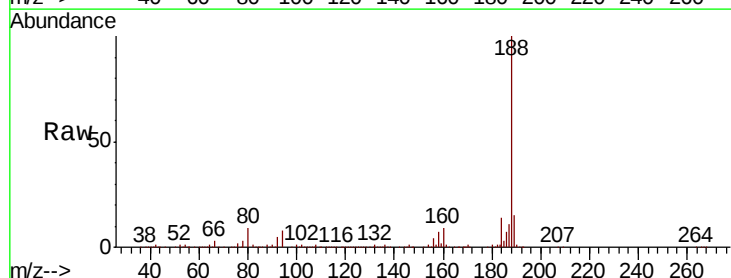


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

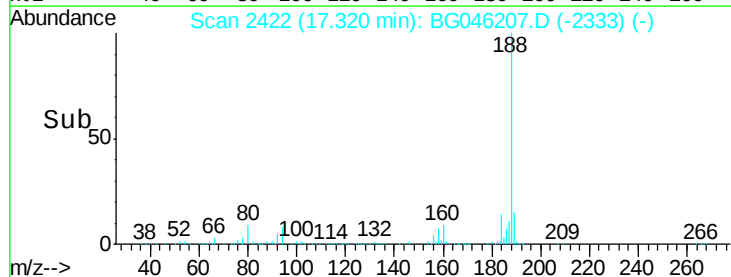
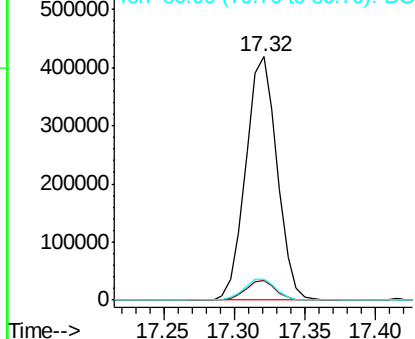


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:	188	Resp:	651288
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.8	7.4	11.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

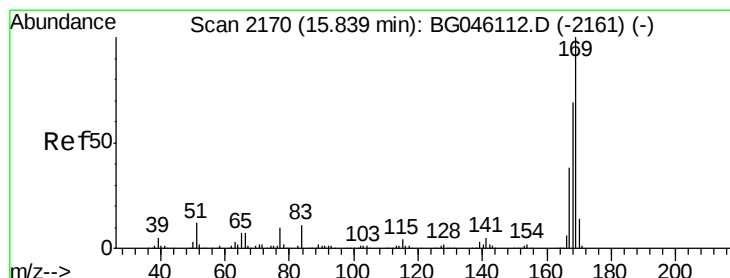
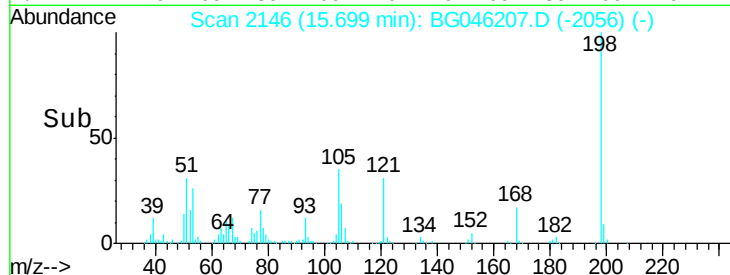
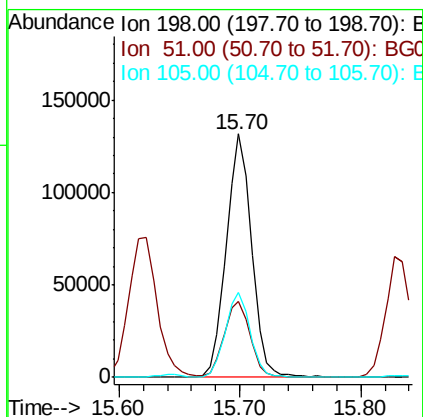
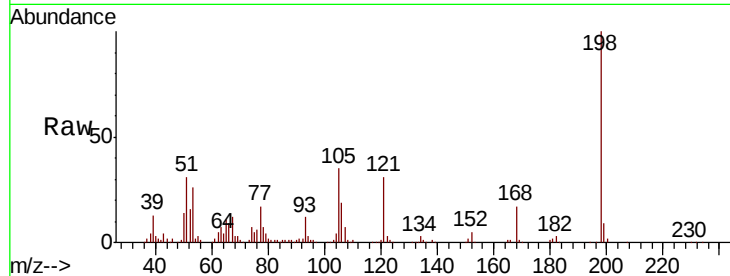




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.584 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

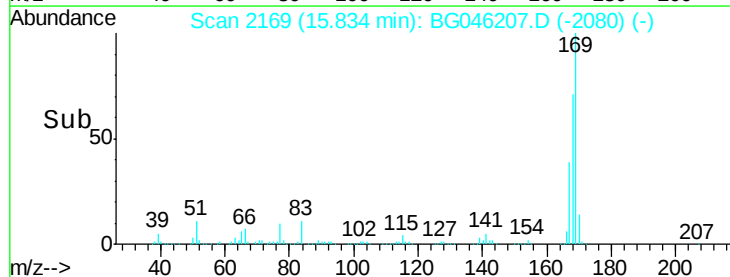
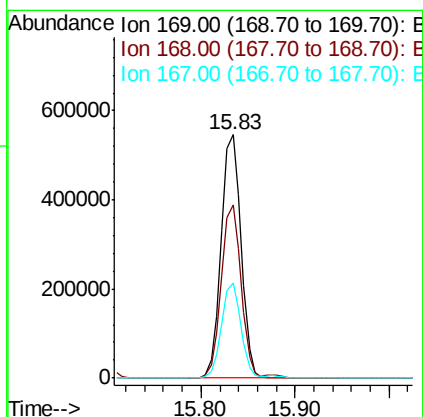
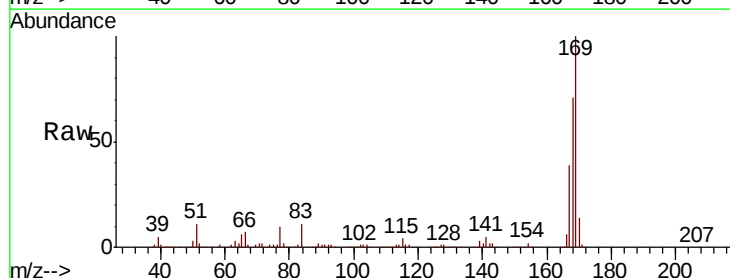
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

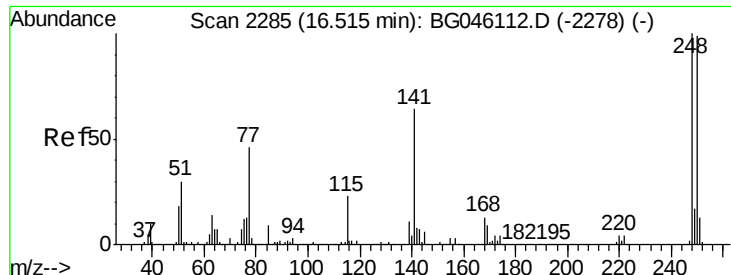
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.2	20.1	60.1
105	35.1	19.2	59.2



#66
 n-Nitrosodiphenylamine
 Concen: 41.049 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.1	82.7
167	39.1	30.5	45.7

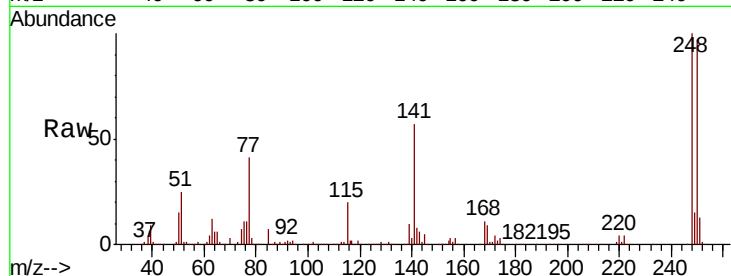




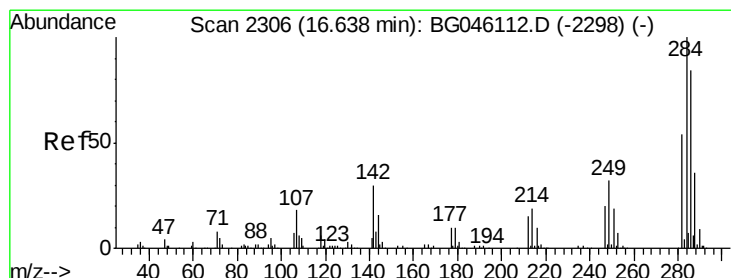
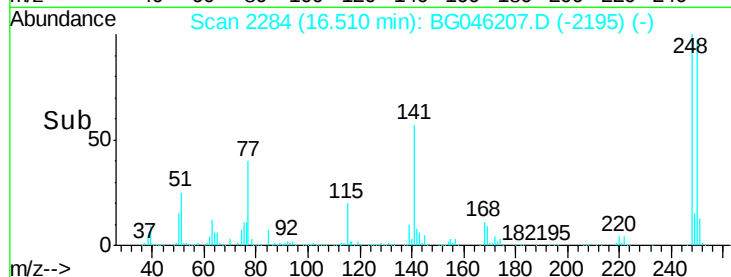
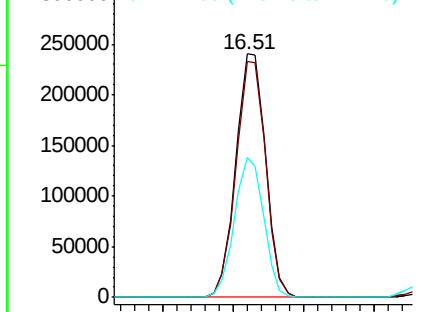
#67
 4-Bromophenyl-phenylether
 Concen: 43.972 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.4	119.0
141	57.5	50.9	76.3

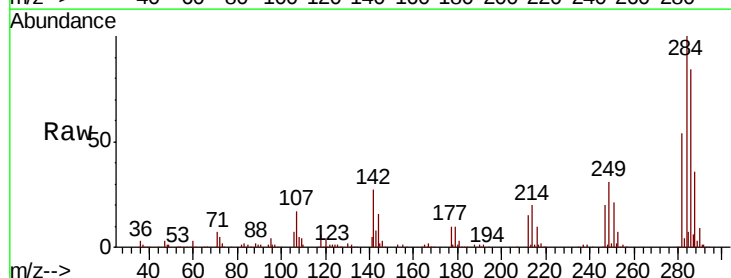


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

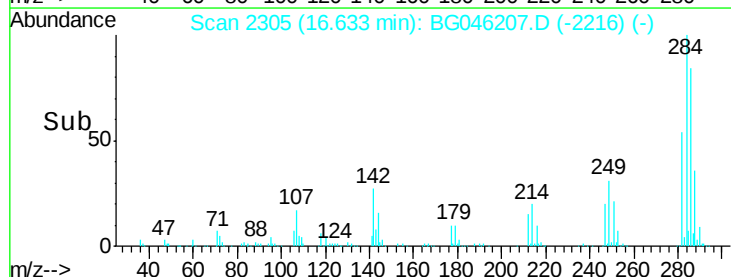
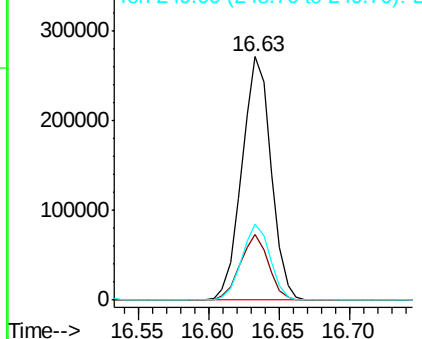


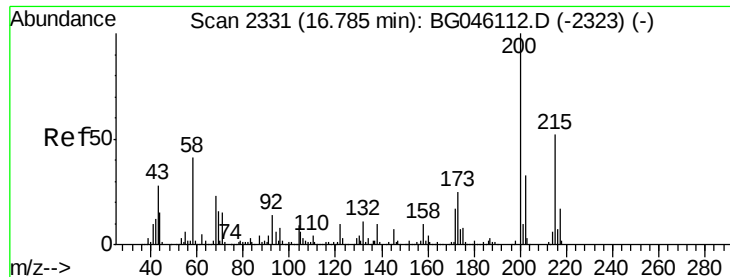
#68
 Hexachlorobenzene
 Concen: 43.289 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	23.6	35.4
249	31.1	25.3	37.9



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





#69

Atrazine

Concen: 38.564 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

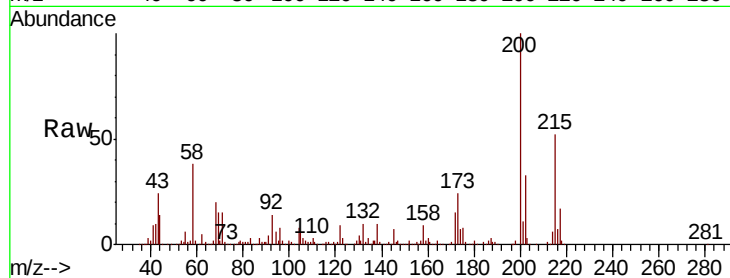
Tot Ion:200 Resp: 292758

Ion Ratio Lower Upper

200 100

173 24.3 5.3 45.3

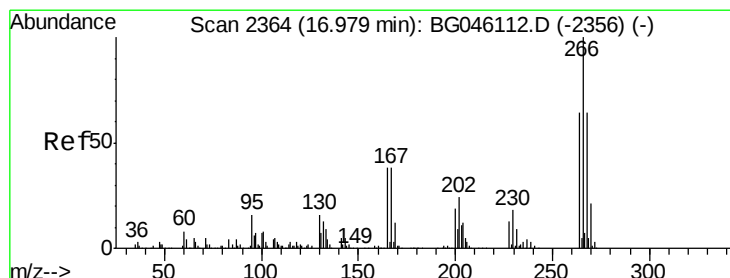
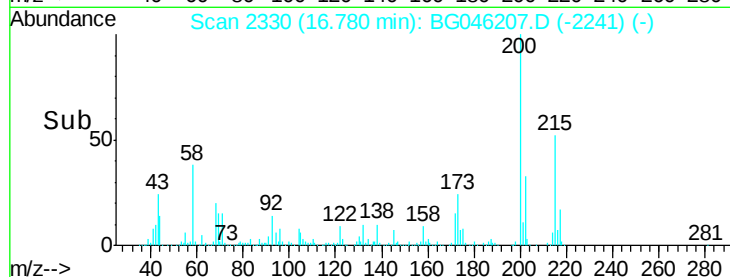
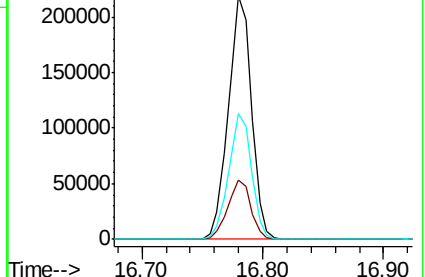
215 51.5 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.479 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

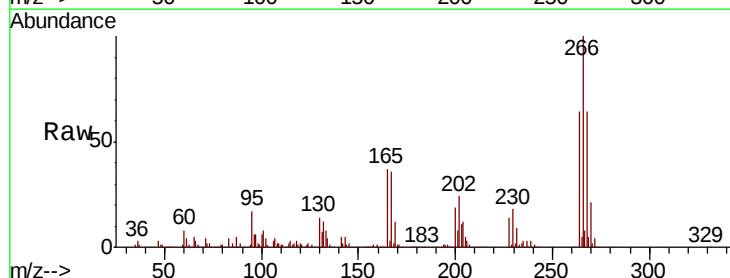
Tgt Ion:266 Resp: 488690

Ion Ratio Lower Upper

266 100

268 63.9 51.2 76.8

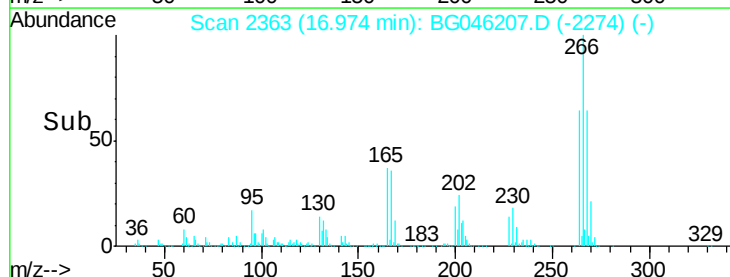
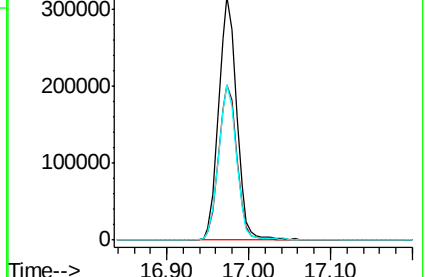
264 63.5 51.1 76.7

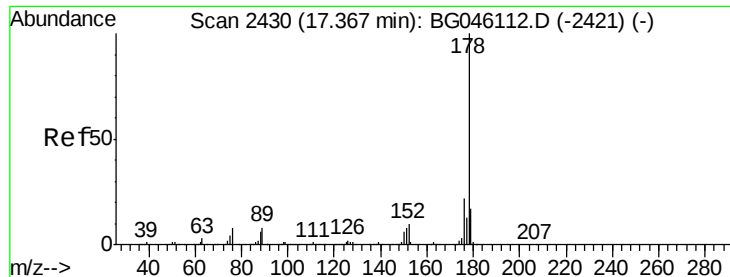


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

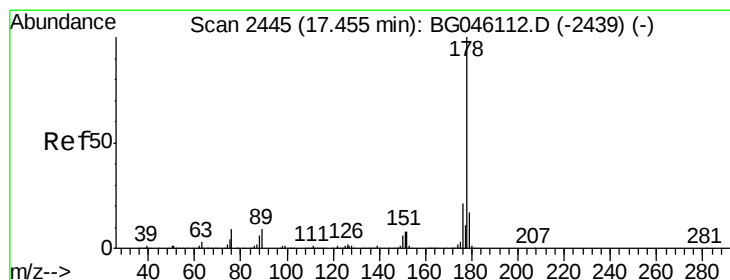
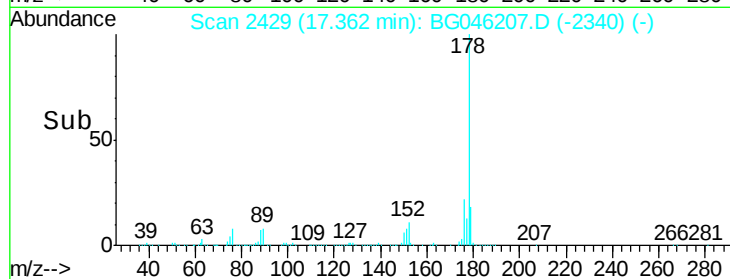
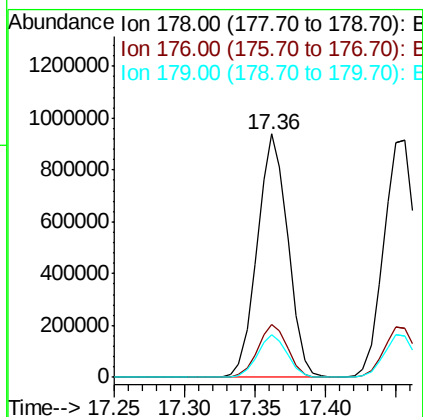
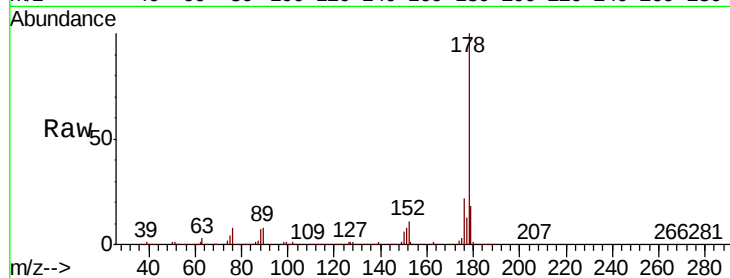




#71
Phenanthrene
Concen: 40.152 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

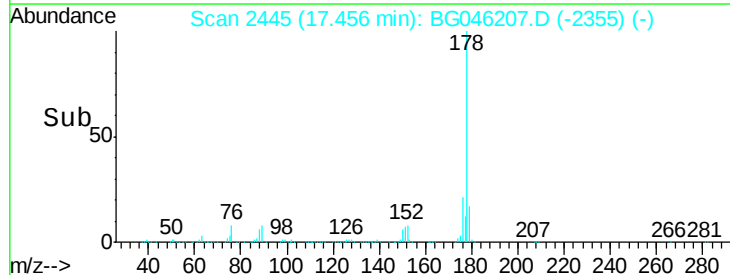
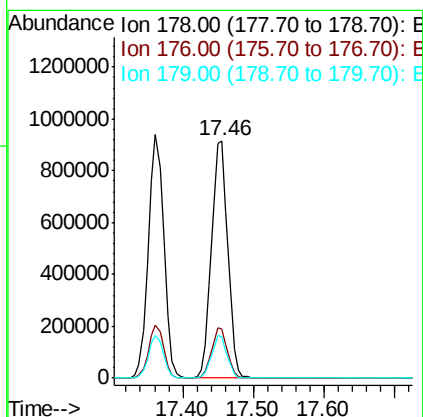
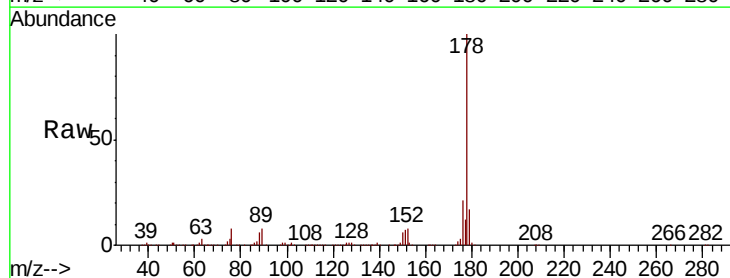
Instrument :
BNA_G
ClientSampleId :
PB130837BS

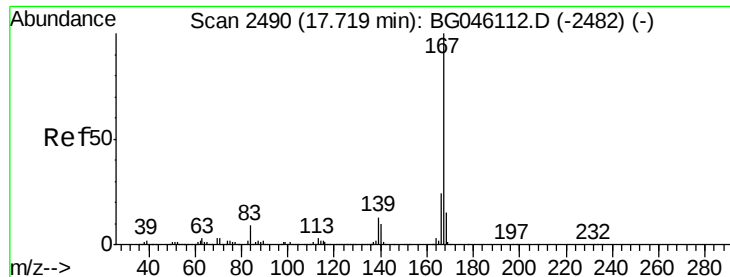
Tot Ion:178 Resp: 1432473
Ion Ratio Lower Upper
178 100
176 21.9 17.3 25.9
179 17.7 13.8 20.6



#72
Anthracene
Concen: 41.413 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:178 Resp: 1469596
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 17.5 13.4 20.2





#73

Carbazole

Concen: 39.560 ng

RT: 17.72 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

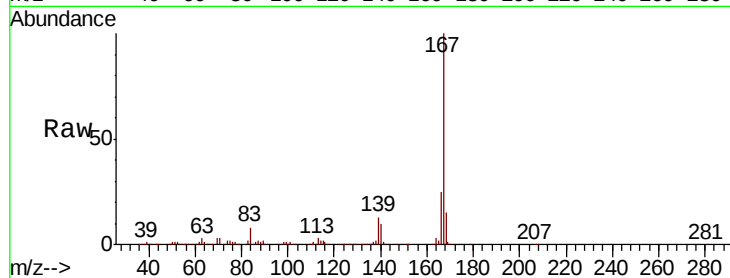
Tot Ion:167 Resp: 1353688

Ion Ratio Lower Upper

167 100

166 24.5 19.4 29.0

139 12.5 10.1 15.1



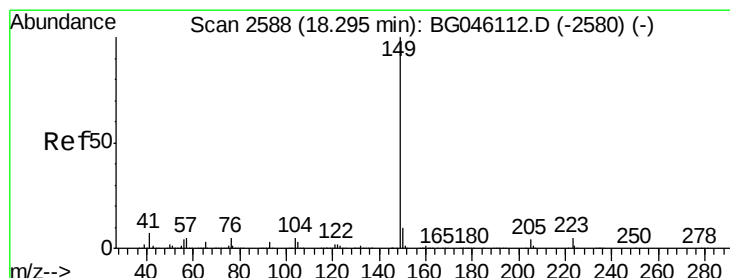
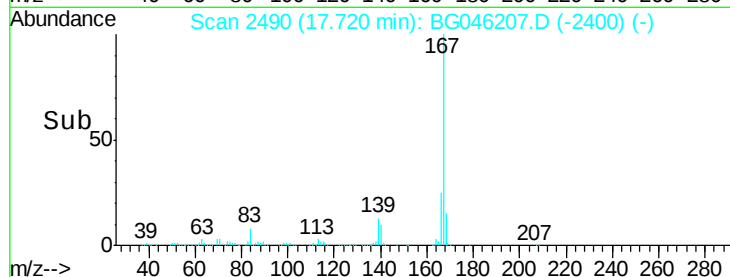
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.72

Time-->



#74

Di-n-butylphthalate

Concen: 42.291 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

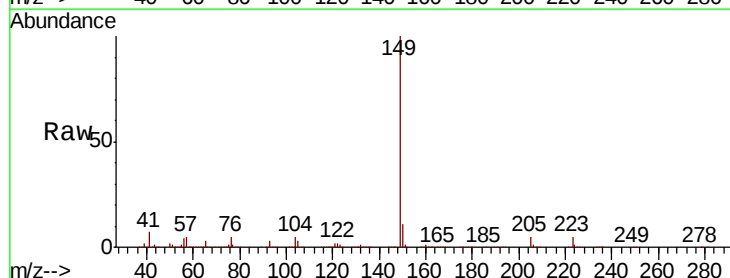
Tgt Ion:149 Resp: 1512662

Ion Ratio Lower Upper

149 100

150 11.3 8.4 12.6

104 5.2 4.2 6.2



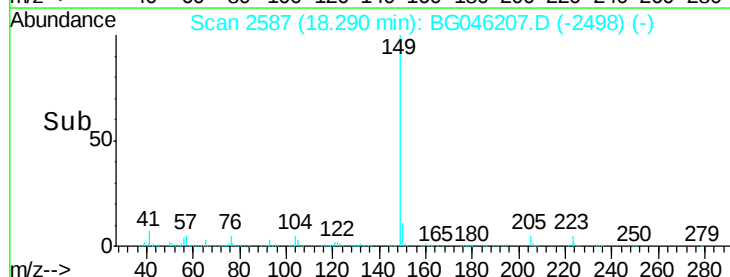
Abundance Ion 149.00 (148.70 to 149.70): E

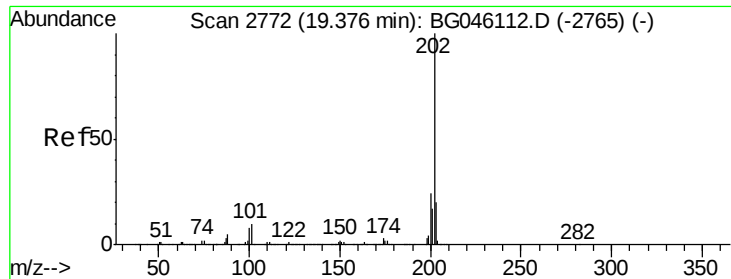
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.29

Time-->





#75

Fluoranthene

Concen: 40.795 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

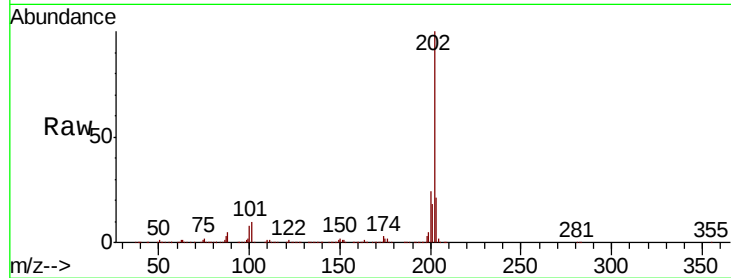
Tot Ion:202 Resp: 1817008

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.0

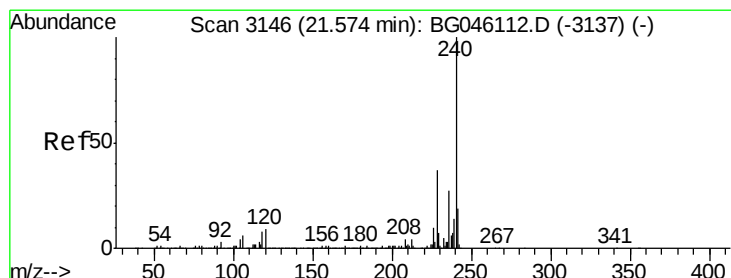
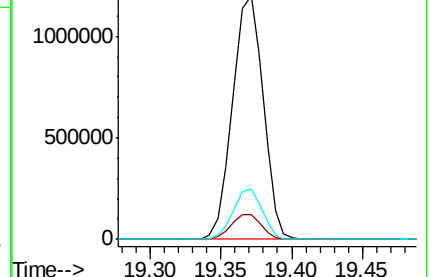
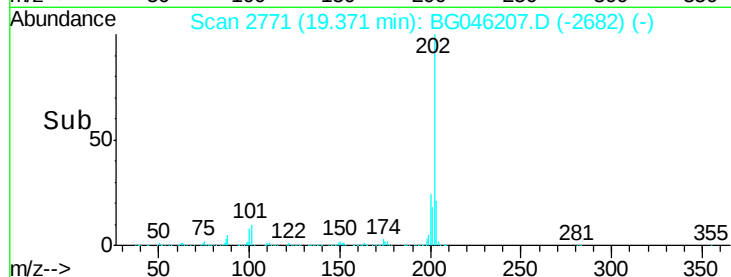
203 20.8 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

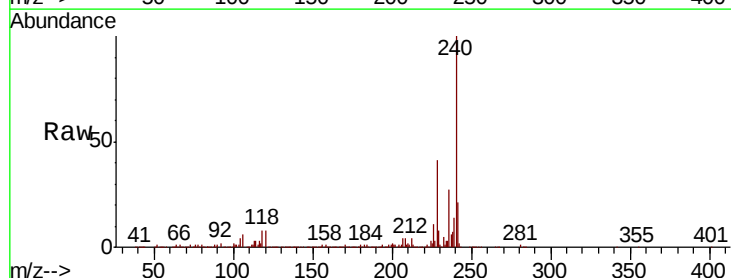
Tgt Ion:240 Resp: 674646

Ion Ratio Lower Upper

240 100

120 7.8 7.1 10.7

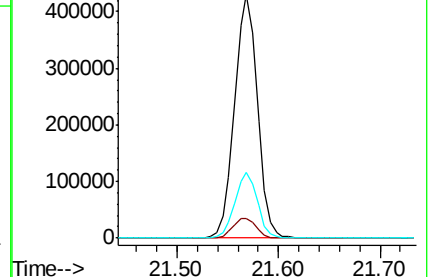
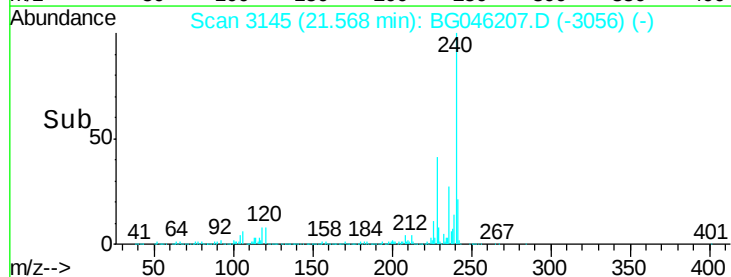
236 26.8 21.7 32.5

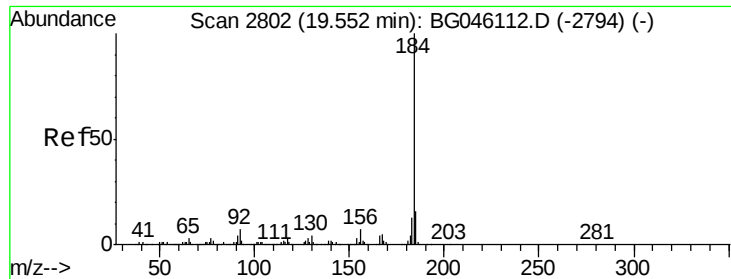


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.756 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

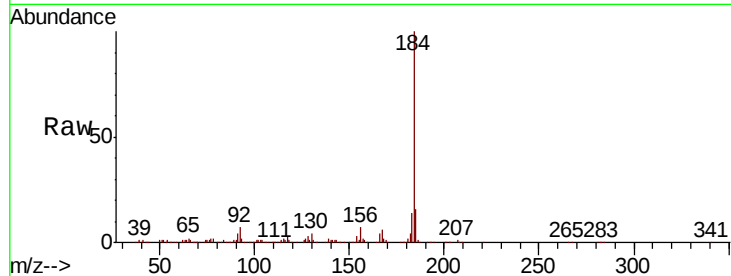
Tot Ion:184 Resp: 855278

Ion Ratio Lower Upper

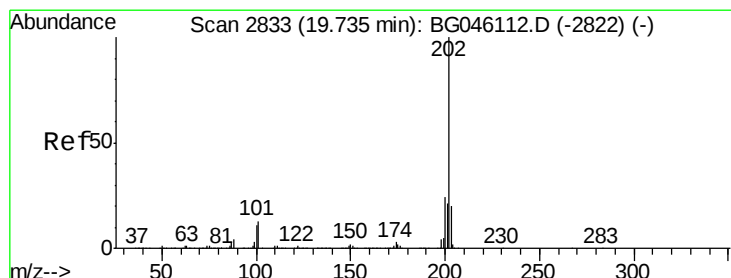
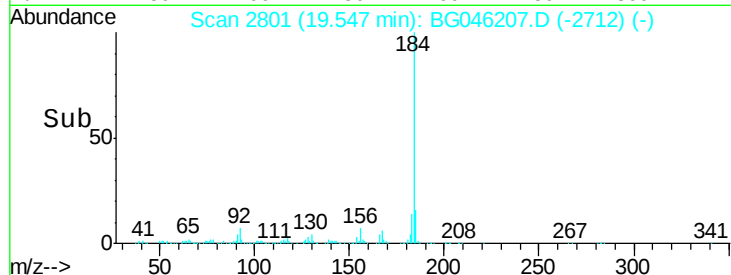
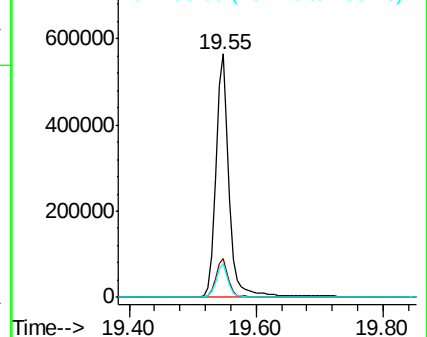
184 100

185 16.0 13.0 19.4

183 13.8 10.5 15.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.551 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

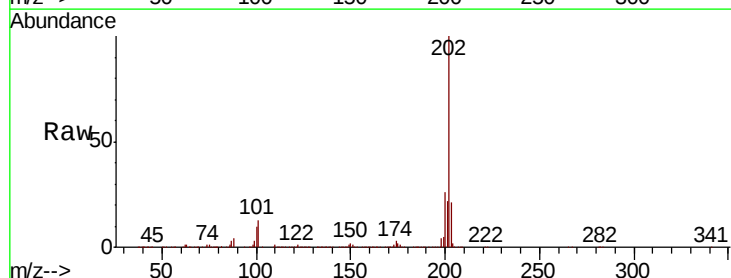
Tgt Ion:202 Resp: 1792853

Ion Ratio Lower Upper

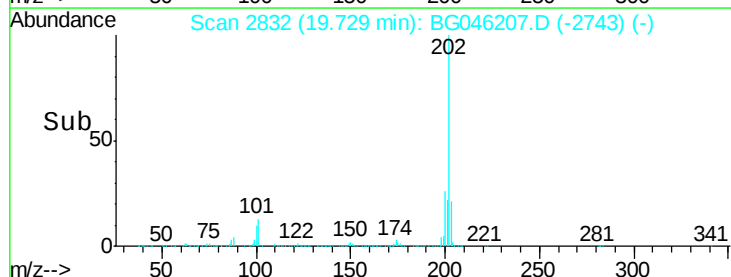
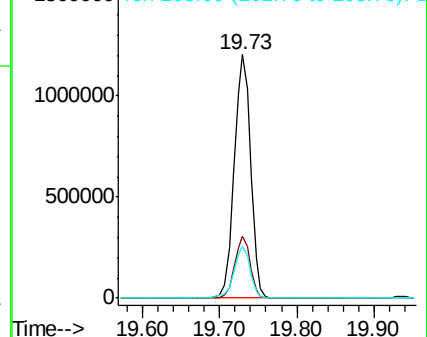
202 100

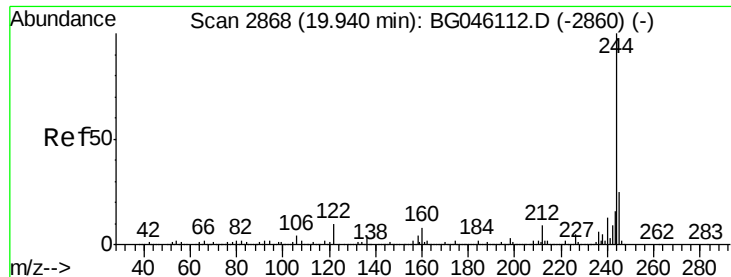
200 25.6 19.5 29.3

203 21.4 16.2 24.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.191 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

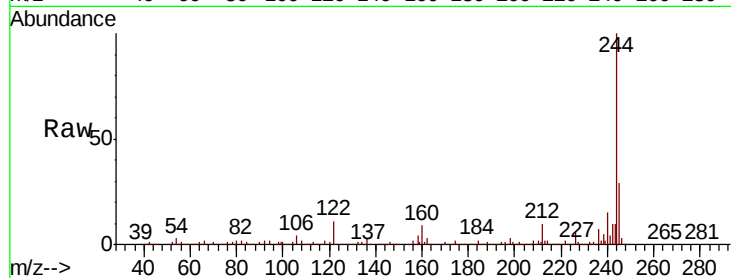
BNA_G

ClientSampleId :

PB130837BS

Tot Ion:244 Resp: 2590127

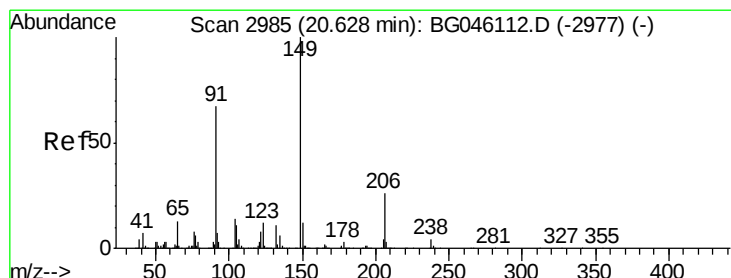
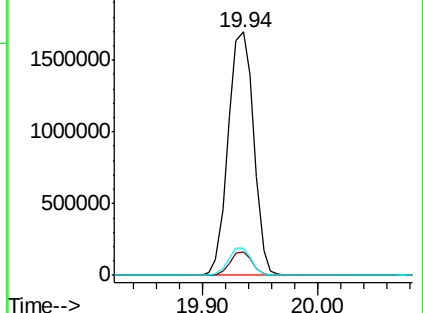
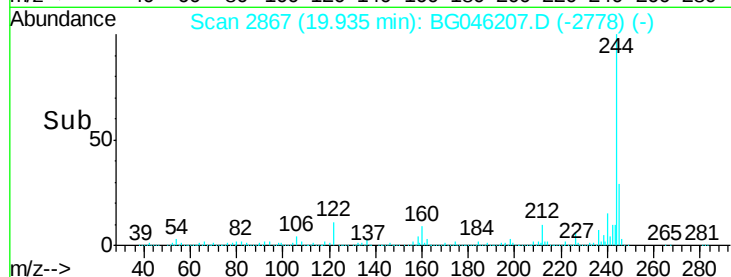
Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.2	10.8
122	11.3	8.3	12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.745 ng

RT: 20.62 min Scan# 2984

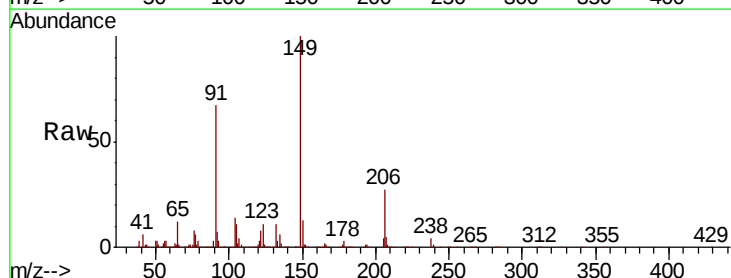
Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:149 Resp: 701889

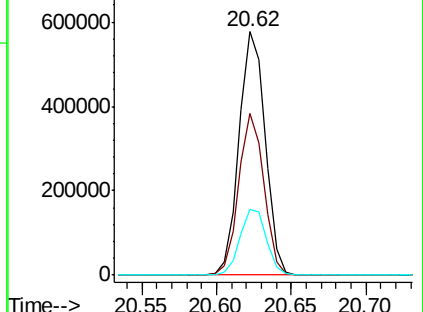
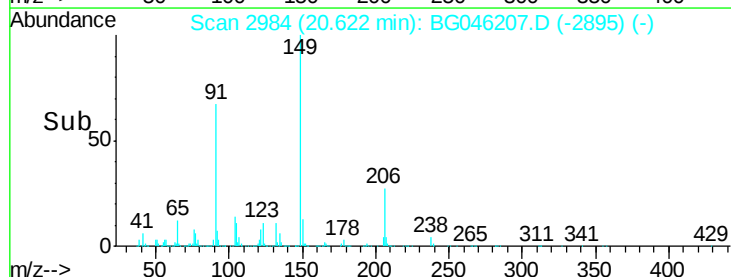
Ion	Ratio	Lower	Upper
149	100		
91	66.6	53.8	80.8
206	27.0	20.4	30.6

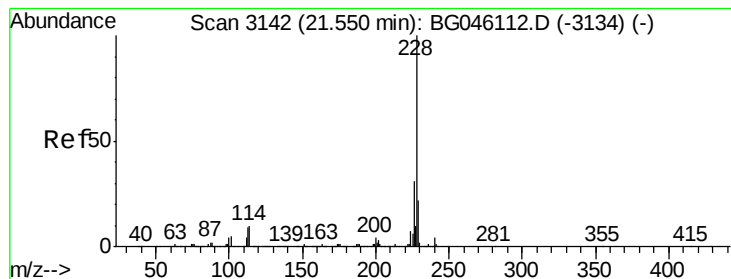


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.271 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

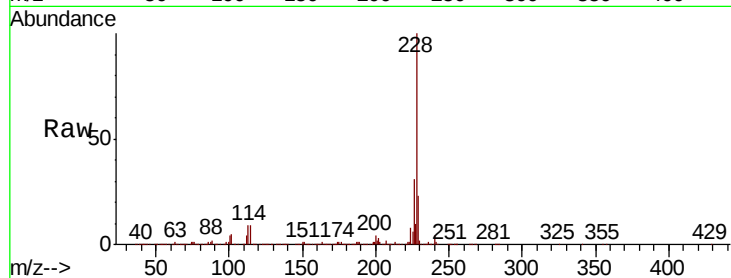
Tot Ion:228 Resp: 1773013

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

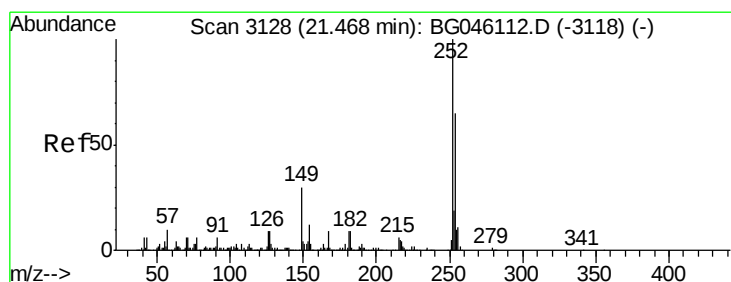
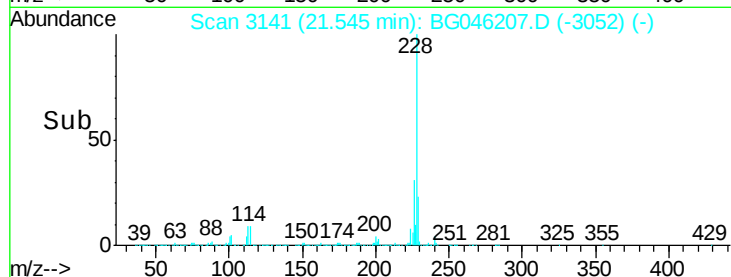
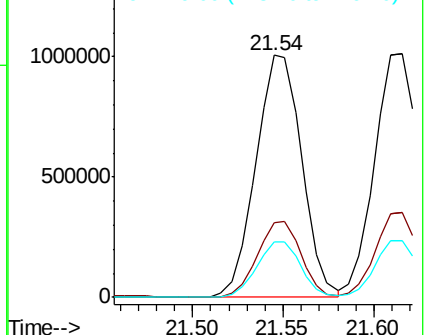
229 23.1 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.229 ng

RT: 21.47 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

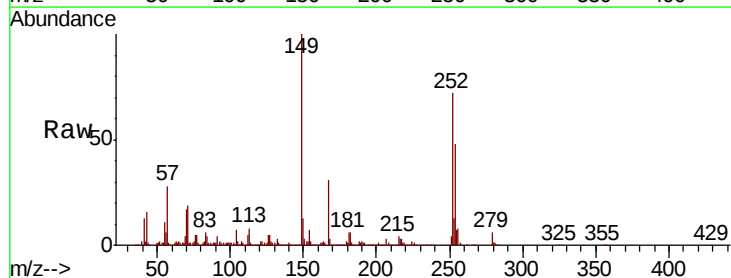
Tgt Ion:252 Resp: 660473

Ion Ratio Lower Upper

252 100

254 66.5 51.8 77.8

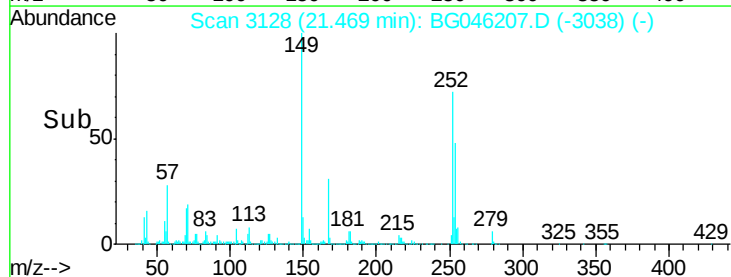
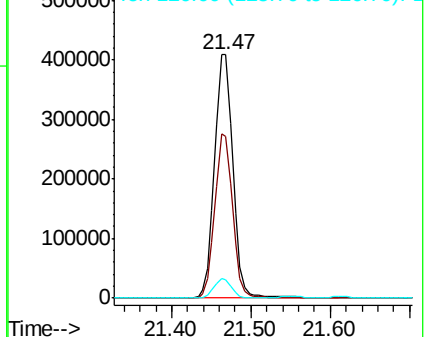
126 7.6 7.1 10.7

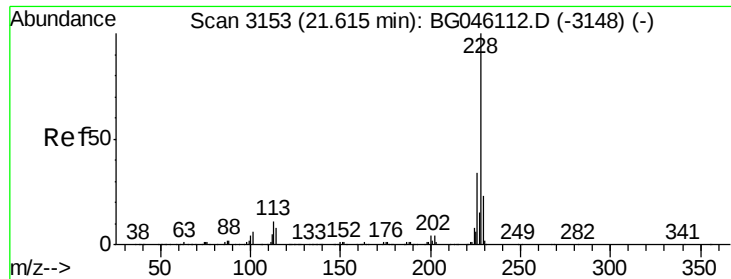


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.980 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

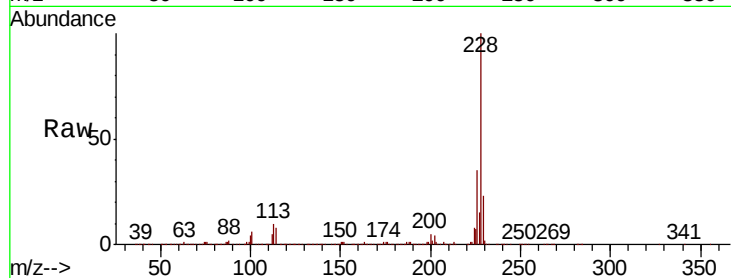
BNA_G

ClientSampleId :

PB130837BS

Tot Ion:228 Resp: 1723961

Ion	Ratio	Lower	Upper
228	100		
226	35.1	26.9	40.3
229	23.1	18.2	27.4

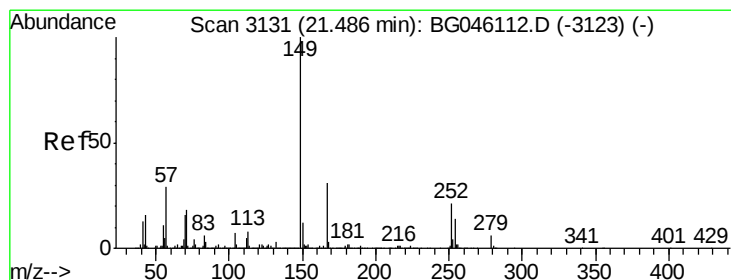
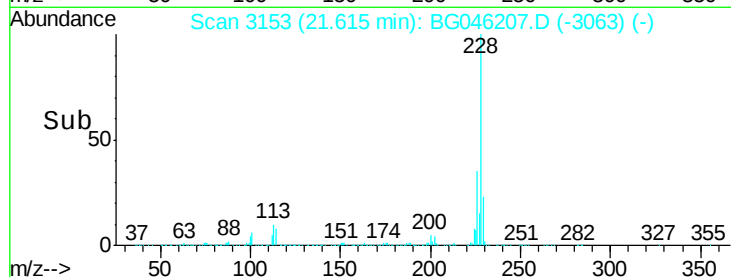
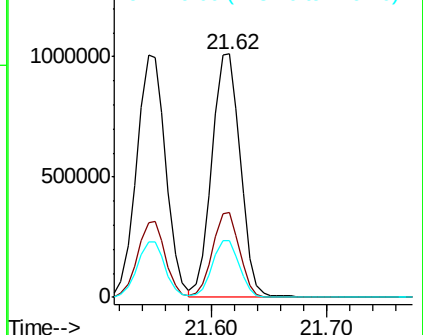


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.404 ng

RT: 21.47 min Scan# 3129

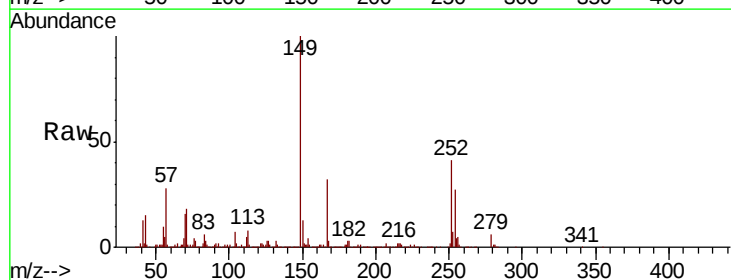
Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:149 Resp: 971996

Ion	Ratio	Lower	Upper
149	100		
167	32.5	24.8	37.2
279	6.2	4.6	6.8

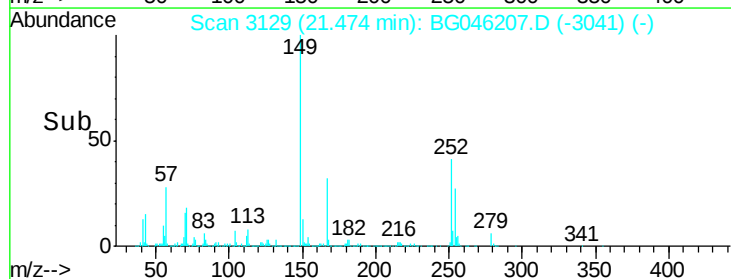
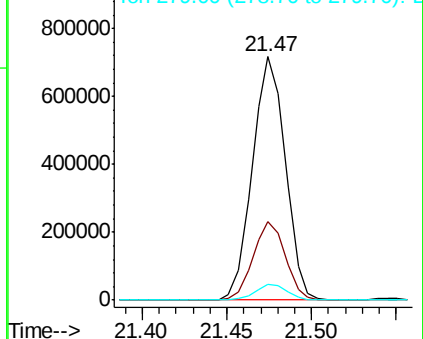


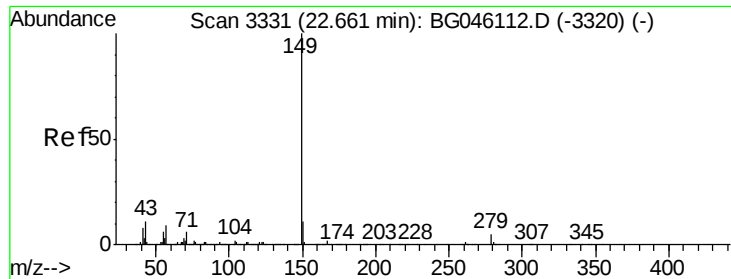
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.027 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

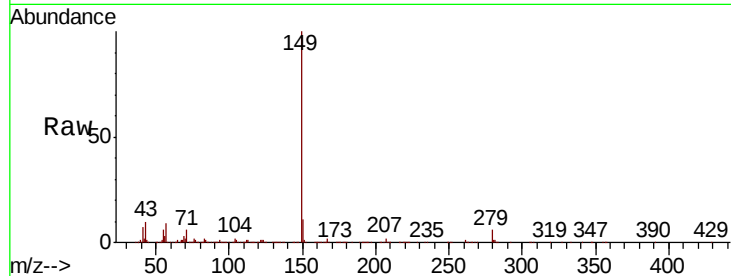
Tot Ion:149 Resp: 1670515

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

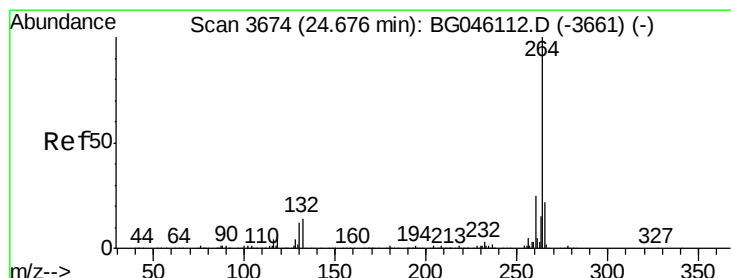
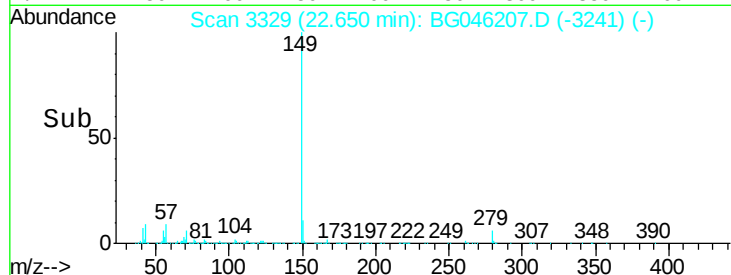
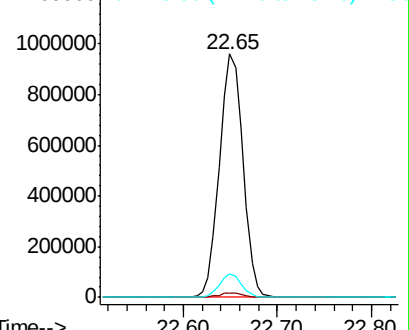
43 9.1 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

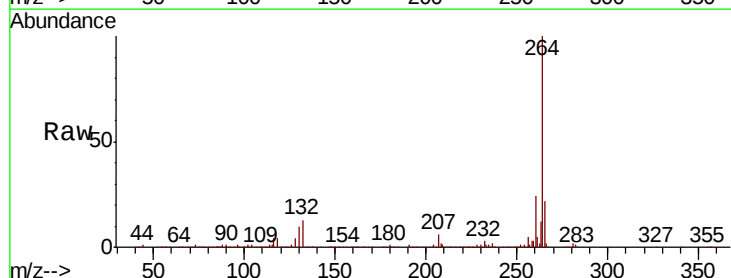
Tgt Ion:264 Resp: 716050

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

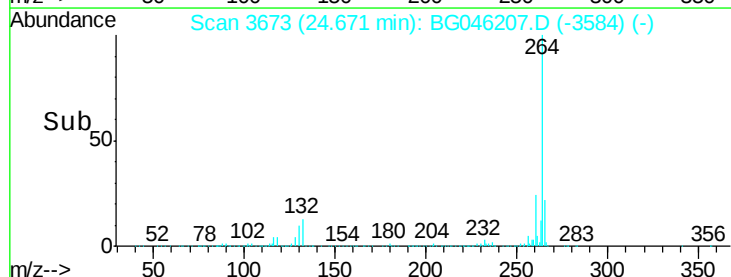
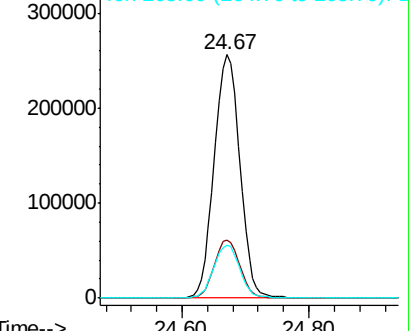
265 21.8 17.6 26.4

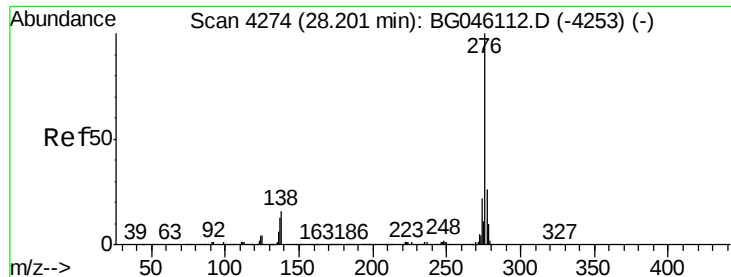


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

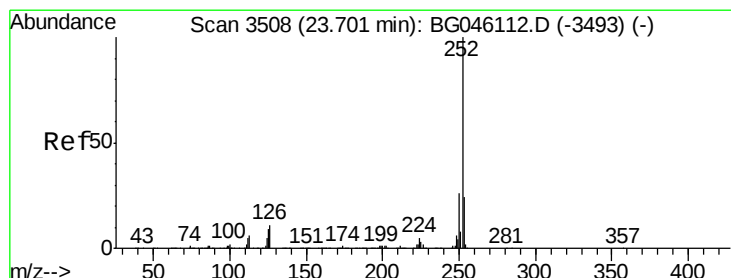
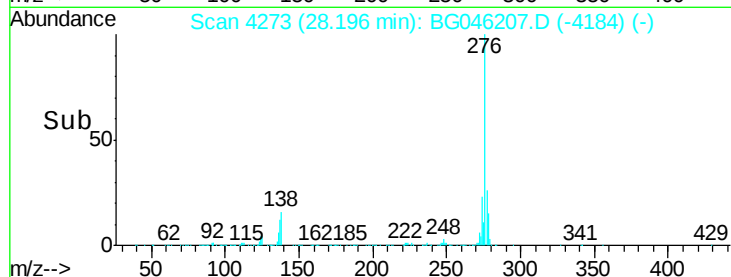
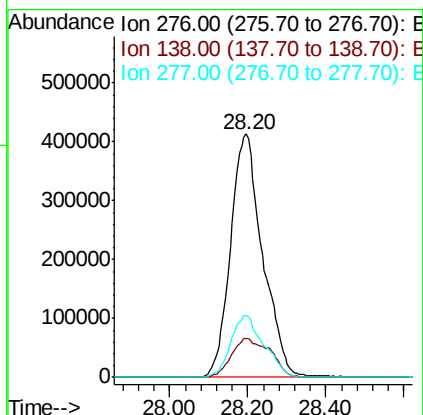
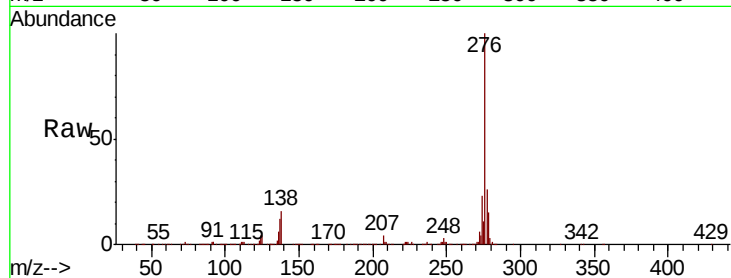




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.362 ng
 RT: 28.20 min Scan# 4273
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

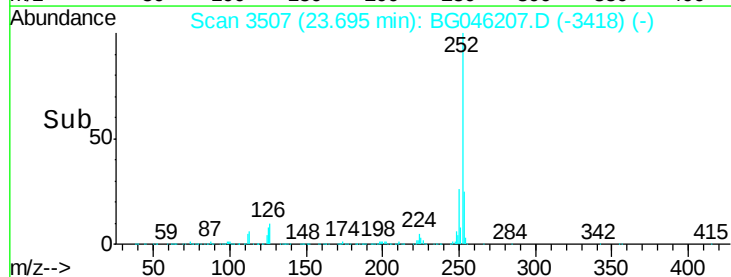
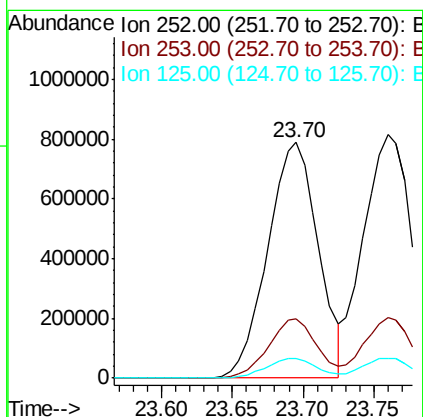
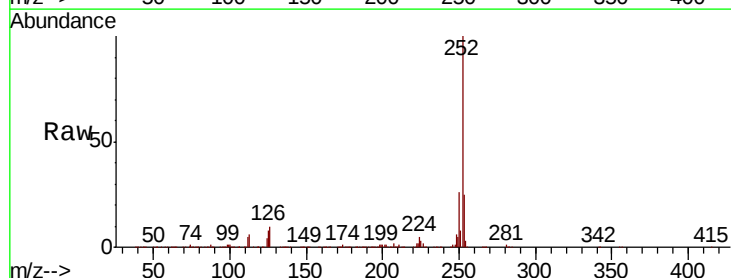
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

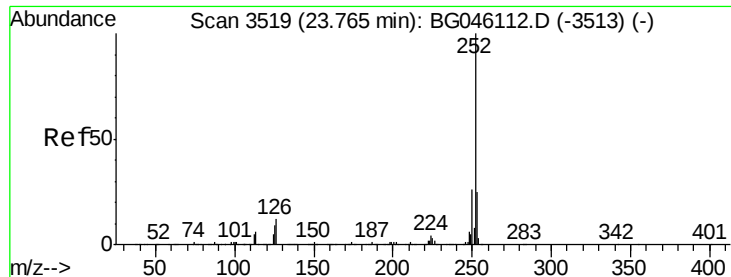
Tot Ion:276 Resp: 2367999
 Ion Ratio Lower Upper
 276 100
 138 19.3 11.6 17.4#
 277 26.3 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 41.096 ng
 RT: 23.70 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion:252 Resp: 1971944
 Ion Ratio Lower Upper
 252 100
 253 24.9 19.2 28.8
 125 8.2 7.2 10.8

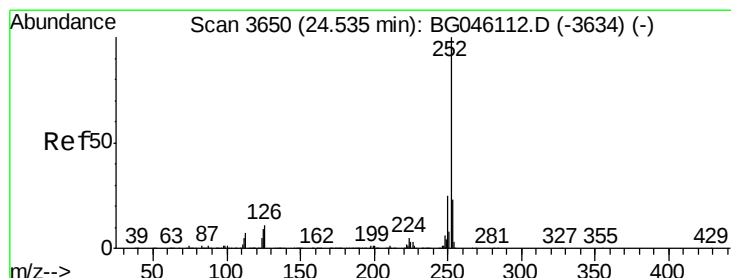
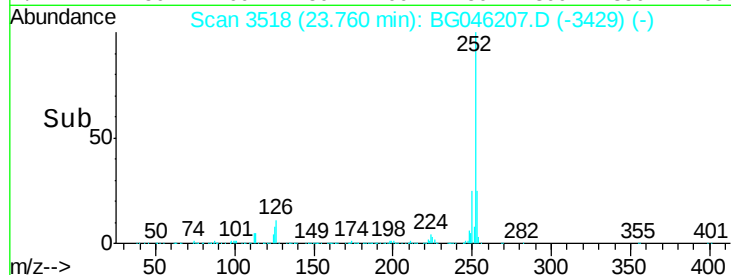
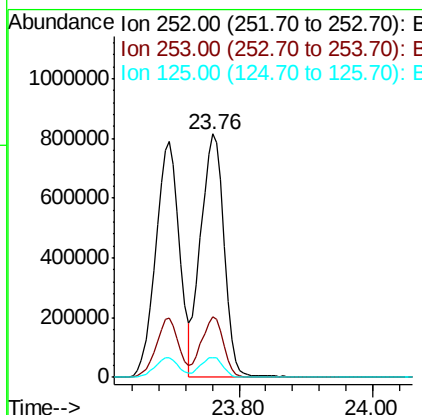
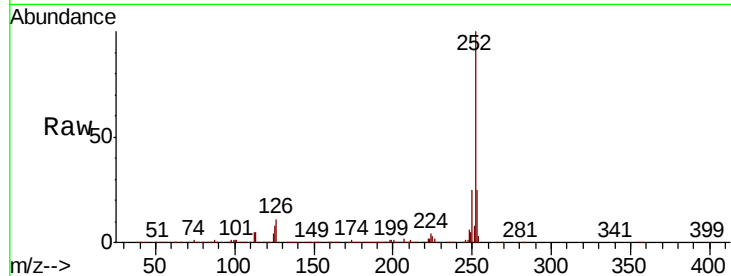




#89
Benzo(k)fluoranthene
Concen: 41.721 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

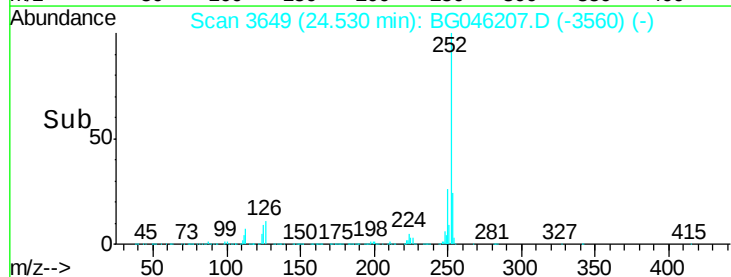
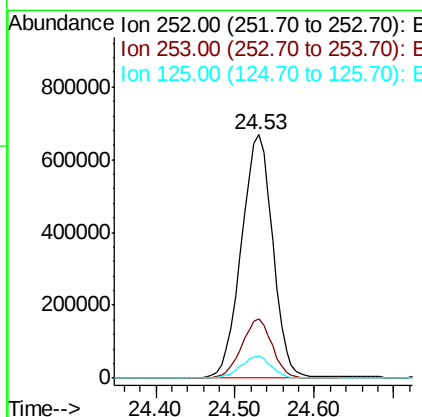
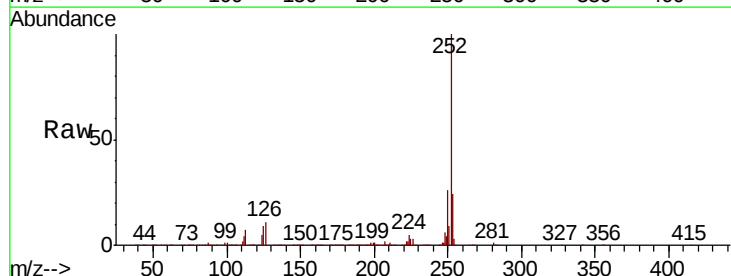
Instrument :
BNA_G
ClientSampleId :
PB130837BS

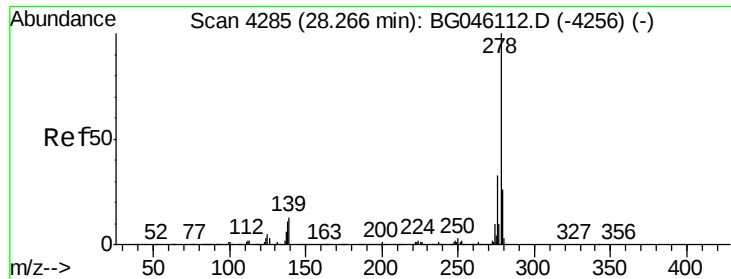
Tot Ion:252 Resp: 1963600
Ion Ratio Lower Upper
252 100
253 24.6 19.5 29.3
125 8.3 7.3 10.9



#90
Benzo(a)pyrene
Concen: 41.224 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:252 Resp: 1840677
Ion Ratio Lower Upper
252 100
253 24.1 18.6 27.8
125 9.0 7.1 10.7

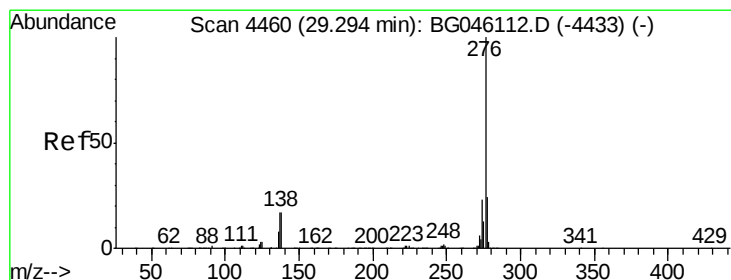
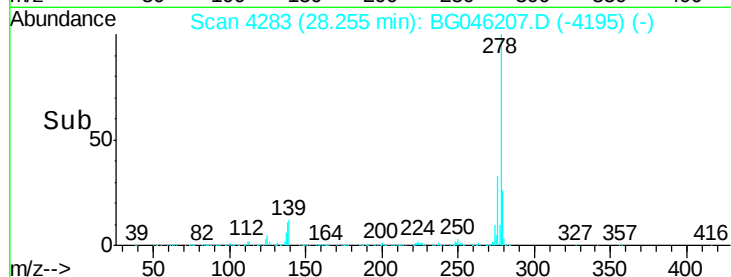
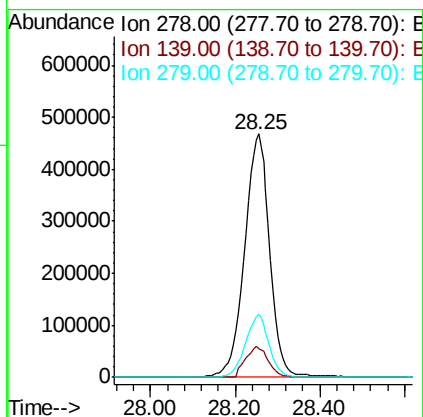
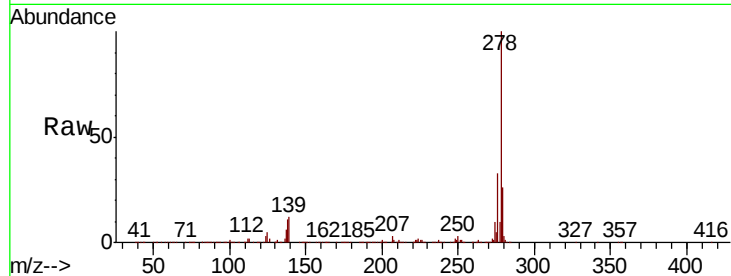




#91
Dibenzo(a,h)anthracene
Concen: 42.443 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion:278 Resp: 1937628
Ion Ratio Lower Upper
278 100
139 11.8 10.8 16.2
279 25.7 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 42.290 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:276 Resp: 1949764
Ion Ratio Lower Upper
276 100
277 25.0 19.5 29.3
138 16.8 13.8 20.6

