

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046125.D
 Acq On : 31 Jul 2020 14:41
 Operator : CG/JU
 Sample : PB130619BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

Quant Time: Jul 31 15:32:22 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	81843	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	338700	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	228879	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	555857	20.00	ng	0.00
76) Chrysene-d12	21.57	240	615531	20.00	ng	0.00
86) Perylene-d12	24.68	264	654852	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	534086	113.44	ng	0.00
7) Phenol-d6	7.12	99	690258	107.58	ng	0.00
23) Nitrobenzene-d5	9.10	82	446184	71.32	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	355934	101.25	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1078640	68.46	ng	0.00
79) Terphenyl-d14	19.94	244	1896047	62.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	65367	30.504	ng	93
3) Pyridine	3.83	79	155131	26.297	ng	99
4) n-Nitrosodimethylamine	3.75	42	102767	40.932	ng	92
6) Aniline	7.28	93	245992	32.207	ng	97
8) 2-Chlorophenol	7.52	128	224102	43.066	ng	98
9) Benzaldehyde	7.09	77	154725	40.637	ng	94
10) Phenol	7.15	94	278789	43.244	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	207061	40.379	ng	99
12) 1,3-Dichlorobenzene	7.85	146	236412	37.482	ng	97
13) 1,4-Dichlorobenzene	7.99	146	239156	37.760	ng	99
14) 1,2-Dichlorobenzene	8.31	146	232678	38.953	ng	98
15) Benzyl Alcohol	8.19	79	193395	43.629	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	354222	42.134	ng	100
17) 2-Methylphenol	8.40	107	192542	44.239	ng	99
18) Hexachloroethane	9.04	117	81996	38.710	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	168235	40.287	ng	95
20) 3+4-Methylphenols	8.72	107	263347	44.207	ng	99
22) Acetophenone	8.77	105	320656	36.890	ng	# 99
24) Nitrobenzene	9.15	77	244043	36.590	ng	99
25) Isophorone	9.67	82	455471	36.591	ng	100
26) 2-Nitrophenol	9.86	139	120026	39.707	ng	95
27) 2,4-Dimethylphenol	9.93	122	207983	42.291	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	277717	41.031	ng	97
29) 2,4-Dichlorophenol	10.40	162	229957	39.750	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	238914	35.253	ng	99
31) Naphthalene	10.80	128	656376	36.626	ng	99
32) Benzoic acid	10.06	122	126161	37.463	ng	97
33) 4-Chloroaniline	10.90	127	135350	18.482	ng	99
34) Hexachlorobutadiene	11.10	225	152035	33.700	ng	98
35) Caprolactam	11.67	113	37294	19.696	ng	# 83
36) 4-Chloro-3-methylphenol	12.03	107	237698	41.869	ng	98
37) 2-Methylnaphthalene	12.41	142	512768	37.185	ng	98
38) 1-Methylnaphthalene	12.62	142	489197	37.489	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	281998	34.196	ng	# 99

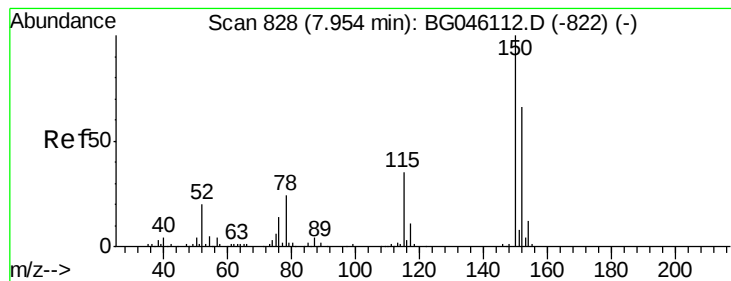
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046125.D
 Acq On : 31 Jul 2020 14:41
 Operator : CG/JU
 Sample : PB130619BS
 Misc :
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Instrument :
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Quant Time: Jul 31 15:32:22 2020
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 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	394133	83.323	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	202528	38.494	nq	97
44) 2,4,5-Trichlorophenol	13.09	196	222201	38.707	nq	97
46) 1,1'-Biphenyl	13.42	154	667992	37.204	nq	99
47) 2-Chloronaphthalene	13.46	162	518472	36.201	nq	99
48) 2-Nitroaniline	13.65	65	159684	42.536	nq	97
49) Acenaphthylene	14.30	152	842275	37.873	nq	99
50) Dimethylphthalate	14.04	163	686696	39.090	nq	99
51) 2,6-Dinitrotoluene	14.15	165	155968	38.149	nq	97
52) Acenaphthene	14.65	154	600601	40.920	nq	98
53) 3-Nitroaniline	14.47	138	100171	24.714	nq	98
54) 2,4-Dinitrophenol	14.68	184	178863	70.020	nq	# 89
55) Dibenzofuran	14.98	168	803526	36.281	nq	99
56) 4-Nitrophenol	14.79	139	291321	82.786	nq	96
57) 2,4-Dinitrotoluene	14.93	165	225479	40.113	nq	99
58) Fluorene	15.63	166	668857	37.292	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	215244	39.807	nq	98
60) Diethylphthalate	15.40	149	690290	39.945	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	352913	37.673	nq	100
62) 4-Nitroaniline	15.64	138	167116	40.996	nq	96
63) Azobenzene	15.91	77	629881	38.892	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	138627	37.710	nq	95
66) n-Nitrosodiphenylamine	15.83	169	613532	36.464	nq	100
67) 4-Bromophenyl-phenylether	16.51	248	249887	36.389	nq	99
68) Hexachlorobenzene	16.64	284	279560	36.305	nq	99
69) Atrazine	16.78	200	228044	35.197	nq	98
70) Pentachlorophenol	16.98	266	389916	78.042	nq	98
71) Phenanthrene	17.37	178	1140272	37.449	nq	99
72) Anthracene	17.45	178	1163536	38.417	nq	99
73) Carbazole	17.72	167	1108348	37.951	nq	99
74) Di-n-butylphthalate	18.29	149	1273850	41.729	nq	100
75) Fluoranthene	19.37	202	1511907	39.772	nq	99
77) Benzidine	19.55	184	671871	38.535	nq	99
78) Pyrene	19.73	202	1521784	36.796	nq	100
80) Butylbenzylphthalate	20.63	149	622348	41.541	nq	100
81) Benzo(a)anthracene	21.55	228	1526854	37.067	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	357424	20.895	nq	99
83) Chrysene	21.62	228	1479347	36.662	nq	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	866939	40.475	nq	100
85) Di-n-octyl phthalate	22.66	149	1477484	40.741	nq	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	1918142	38.407	nq	99
88) Benzo(b)fluoranthene	23.70	252	1652510	37.657	nq	100
89) Benzo(k)fluoranthene	23.77	252	1608264	37.365	nq	100
90) Benzo(a)pyrene	24.54	252	1534958	37.590	nq	99
91) Dibenzo(a,h)anthracene	28.26	278	1582453	37.903	nq	99
92) Benzo(g,h,i)perylene	29.30	276	1618682	38.389	nq	99

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

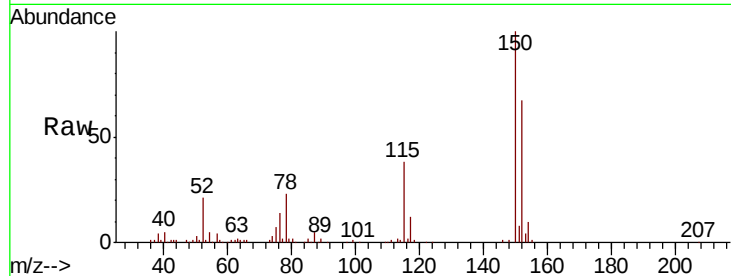


#1

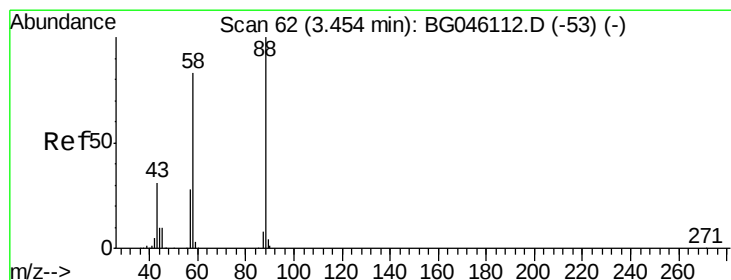
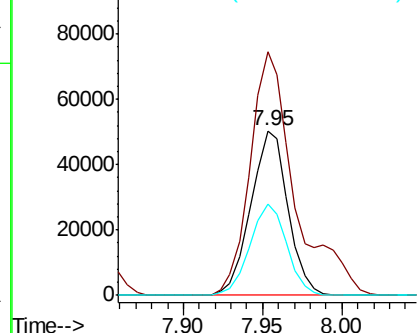
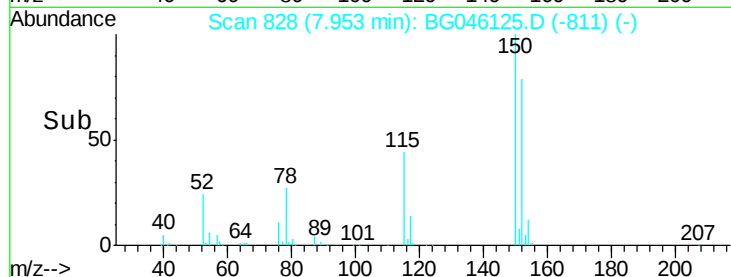
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

Tot Ion	152	Resp	81843
Ion Ratio	Lower	Upper	
152	100		
150	148.3	122.1	183.1
115	55.8	43.2	64.8



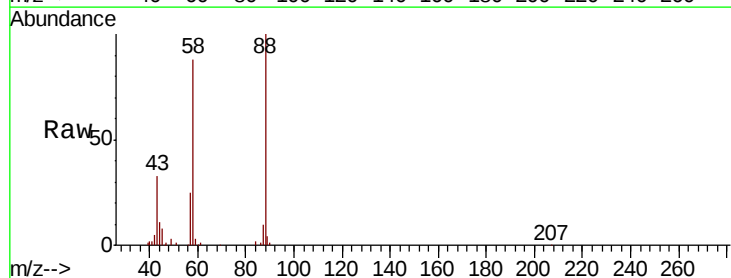
Abundance Ion 152.00 (151.70 to 152.70): B
 Ion 150.00 (149.70 to 150.70): B
 Ion 115.00 (114.70 to 115.70): B



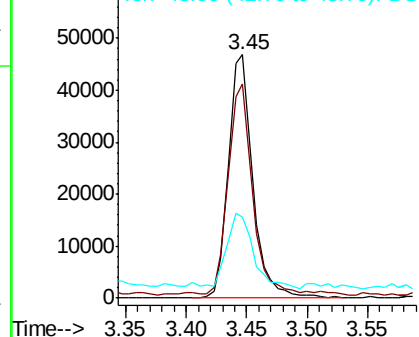
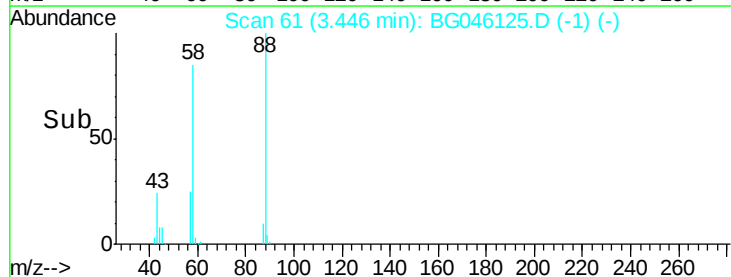
#2

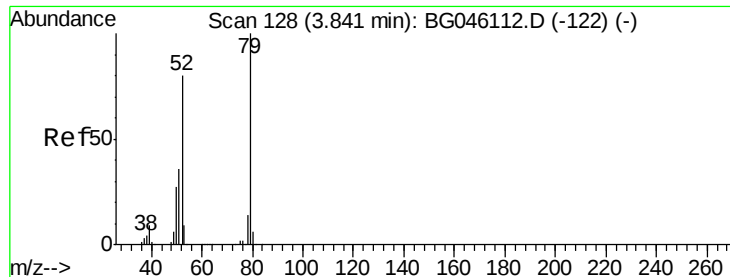
1,4-Dioxane
 Concen: 30.504 ng
 RT: 3.45 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion	88	Resp	65367
Ion Ratio	Lower	Upper	
88	100		
58	89.6	66.5	99.7
43	33.5	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: 26.297 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

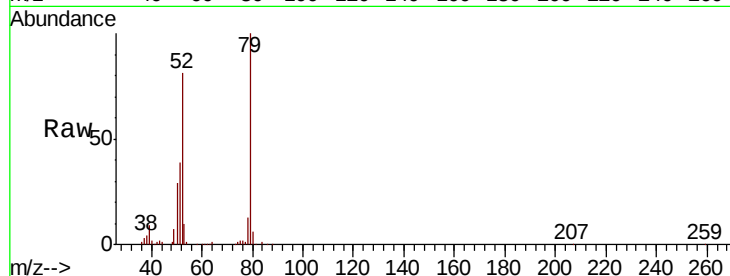
Tot Ion: 79 Resp: 155131

Ion Ratio Lower Upper

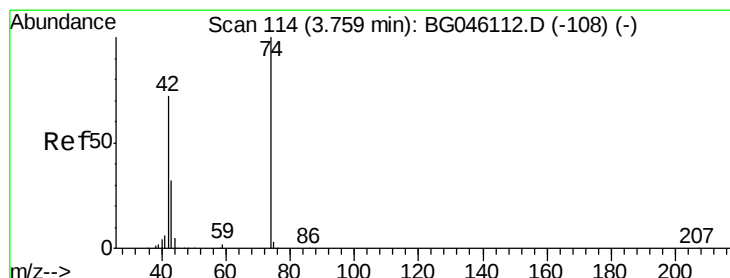
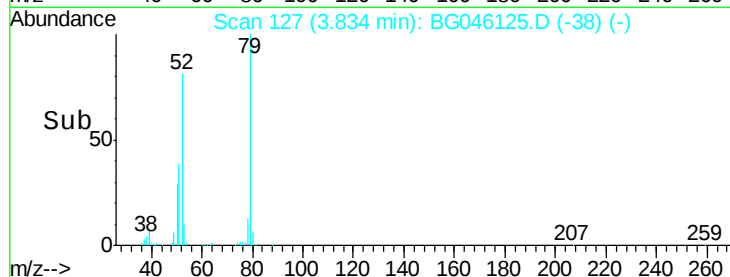
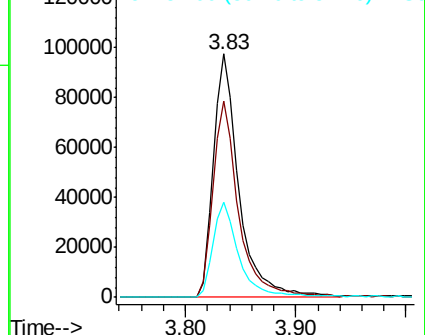
79 100

52 80.8 64.3 96.5

51 39.1 29.8 44.6



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



#4

n-Nitrosodimethylamine

Concen: 40.932 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

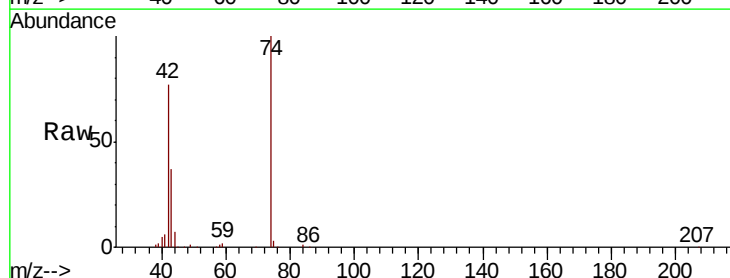
Tgt Ion: 42 Resp: 102767

Ion Ratio Lower Upper

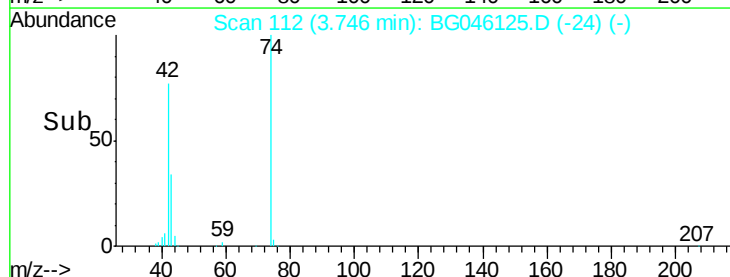
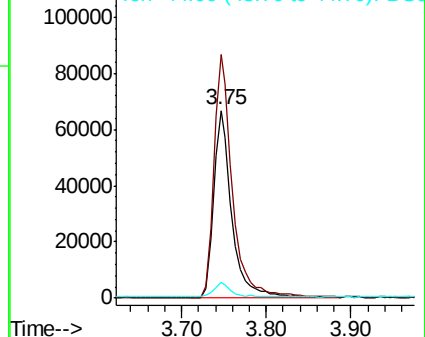
42 100

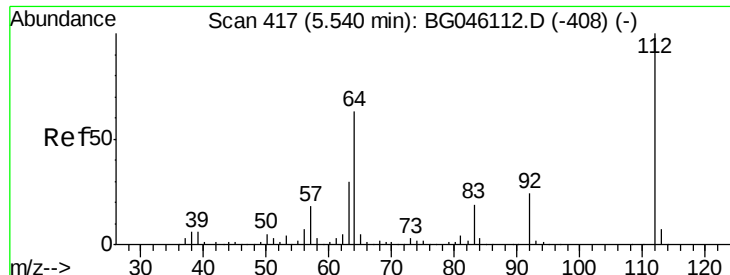
74 129.9 111.6 167.4

44 8.5 5.7 8.5



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





#5

2-Fluorophenol

Concen: 113.441 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

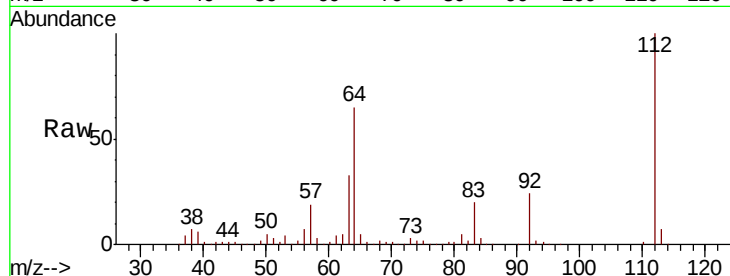
Tot Ion:112 Resp: 534086

Ion Ratio Lower Upper

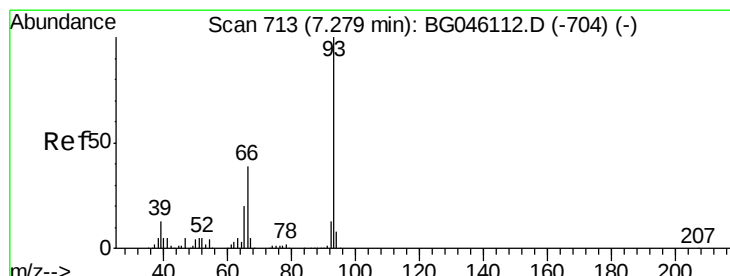
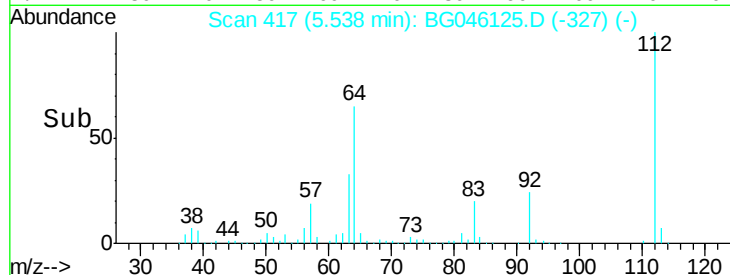
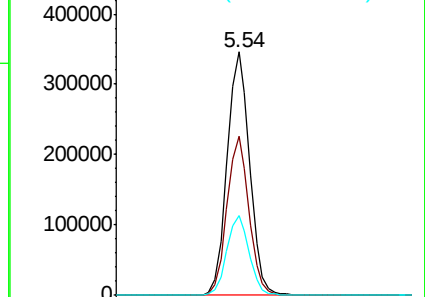
112 100

64 65.1 50.2 75.2

63 33.0 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.207 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

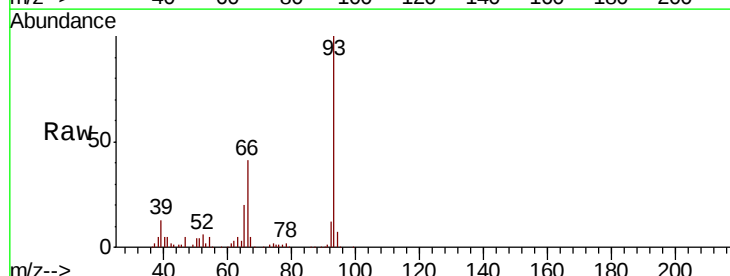
Tgt Ion: 93 Resp: 245992

Ion Ratio Lower Upper

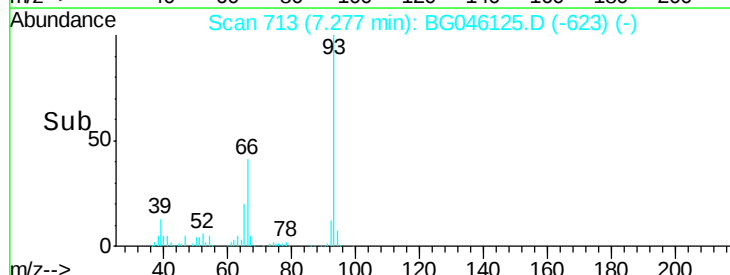
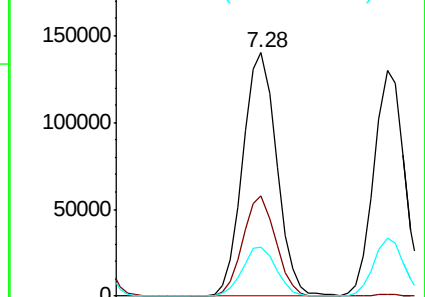
93 100

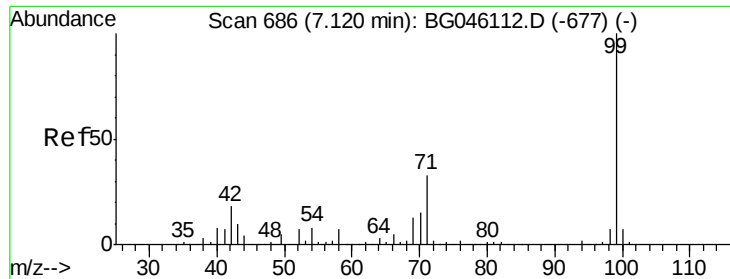
66 41.0 31.0 46.4

65 20.2 15.9 23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.577 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

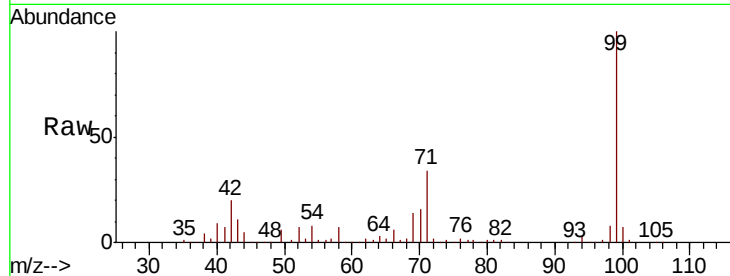
Tot Ion: 99 Resp: 690258

Ion Ratio Lower Upper

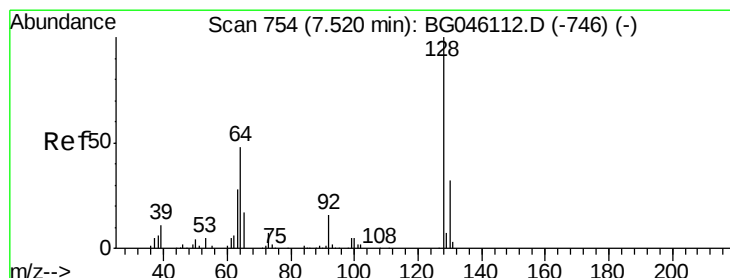
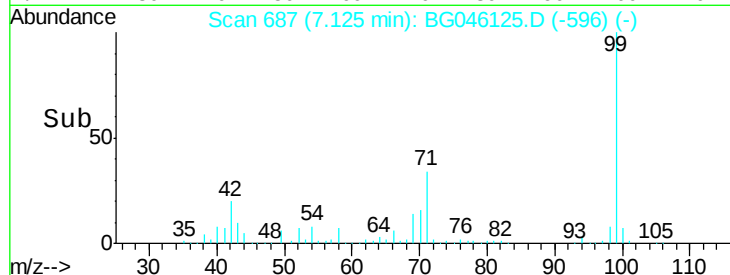
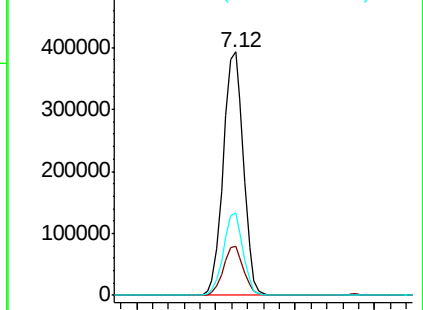
99 100

42 20.1 14.7 22.1

71 33.6 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.066 ng

RT: 7.52 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

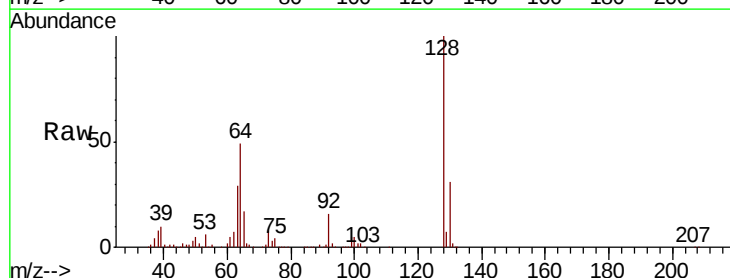
Tgt Ion:128 Resp: 224102

Ion Ratio Lower Upper

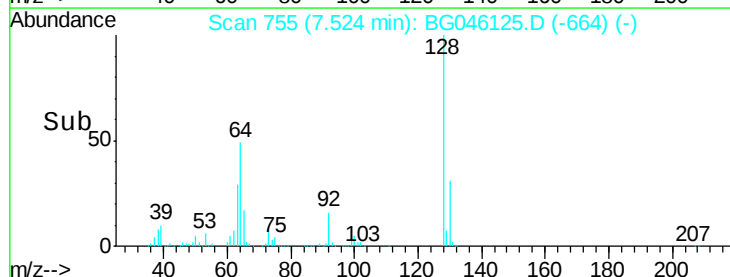
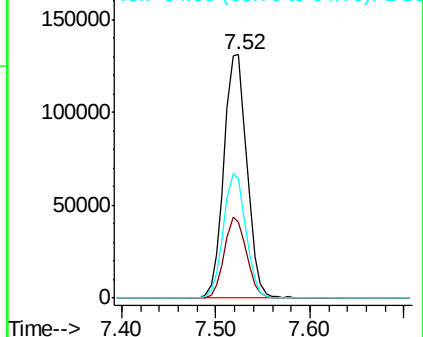
128 100

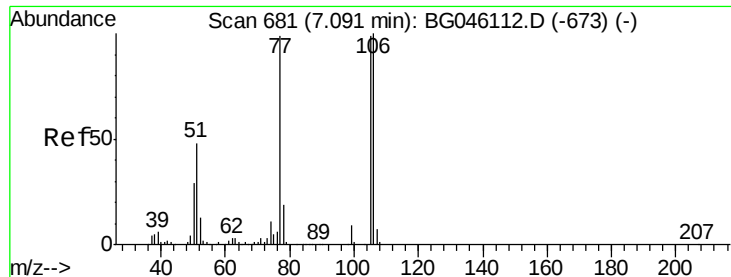
130 31.1 11.6 51.6

64 49.2 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.637 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

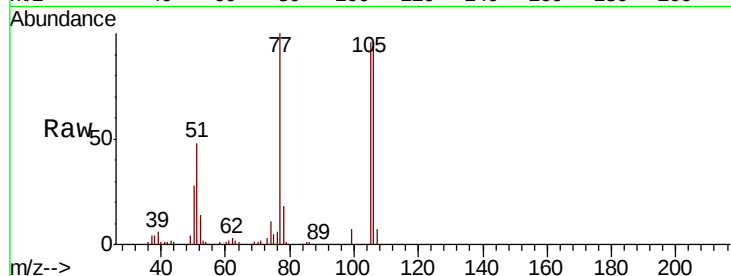
Tot Ion: 77 Resp: 154725

Ion Ratio Lower Upper

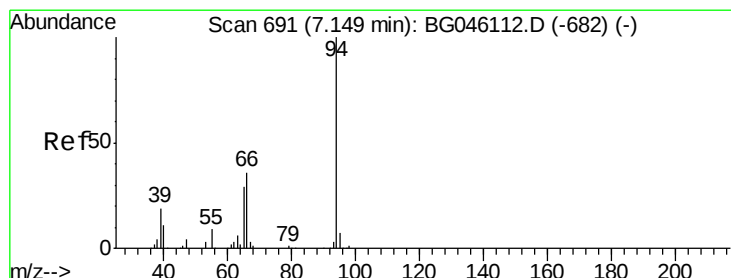
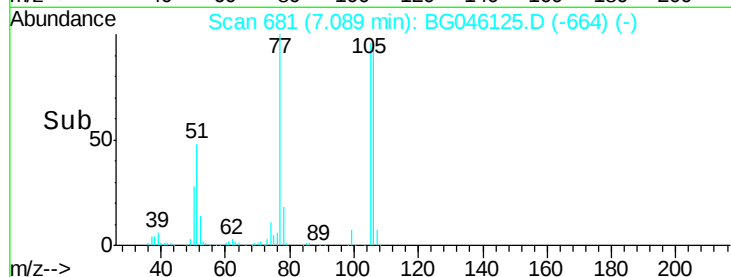
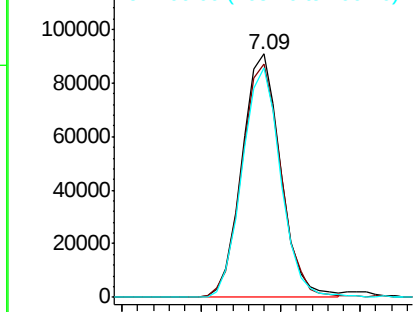
77 100

105 96.0 80.3 120.3

106 94.2 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: 43.244 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

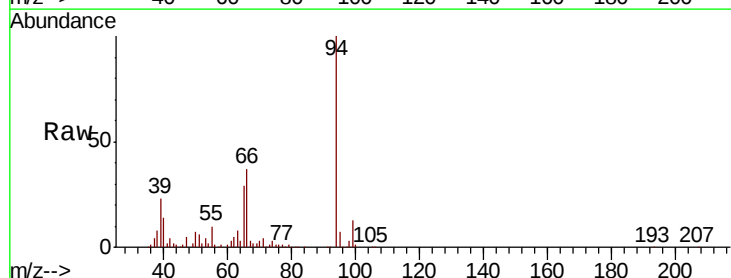
Tgt Ion: 94 Resp: 278789

Ion Ratio Lower Upper

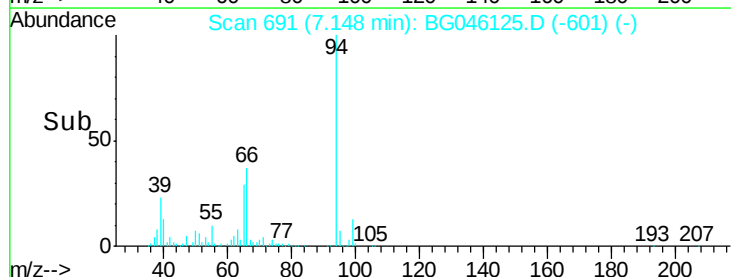
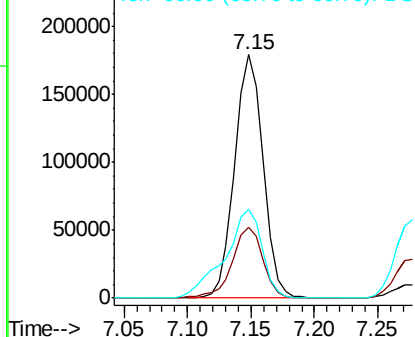
94 100

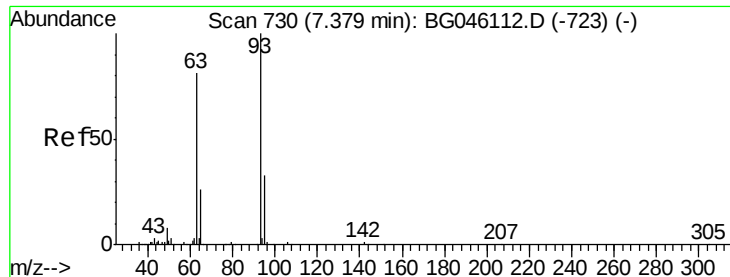
65 29.3 9.6 49.6

66 36.7 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

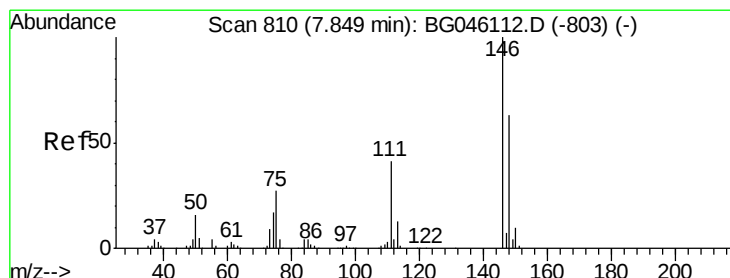
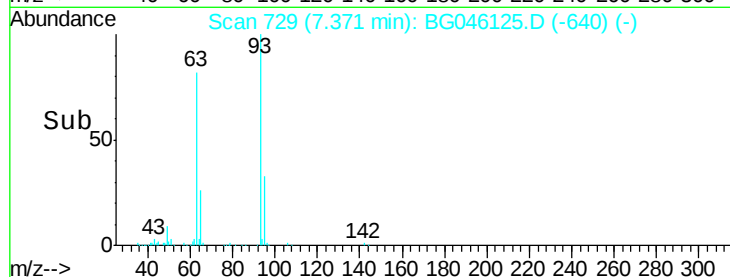
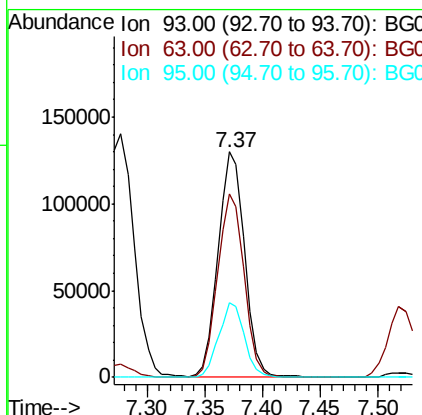
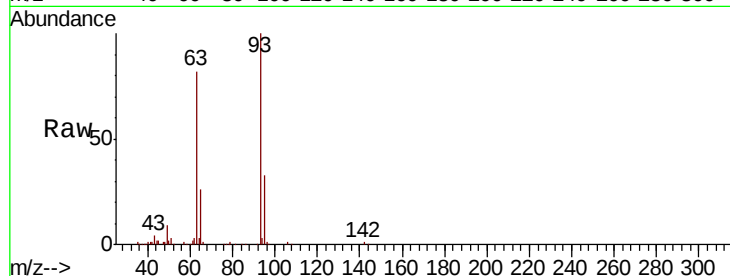




#11
bis(2-Chloroethyl)ether
Concen: 40.379 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

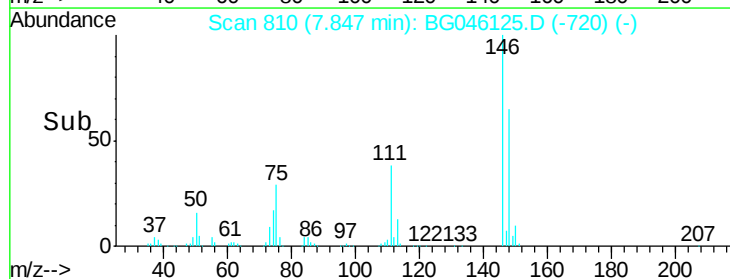
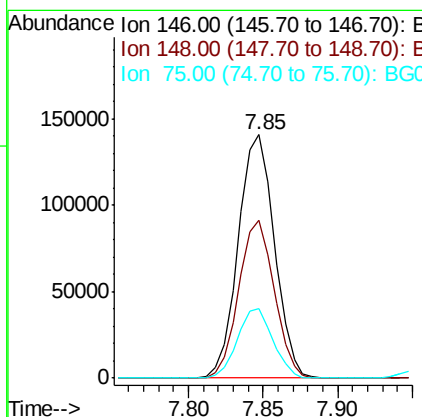
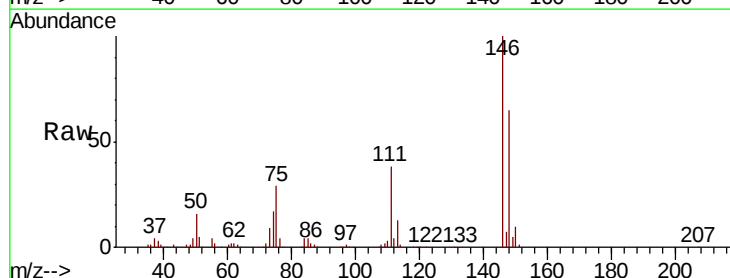
Instrument :
BNA_G
ClientSampleId :
PB130619BS

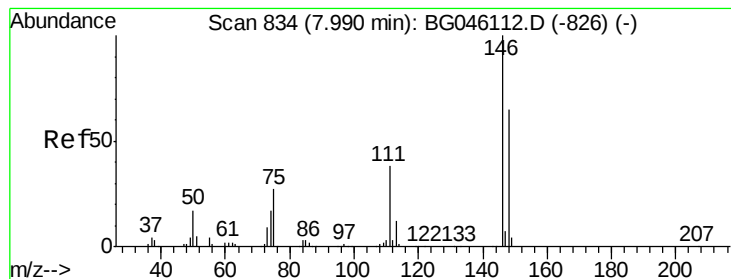
Tot Ion: 93 Resp: 207061
Ion Ratio Lower Upper
93 100
63 81.5 60.0 100.0
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 37.482 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion: 146 Resp: 236412
Ion Ratio Lower Upper
146 100
148 64.9 50.5 75.7
75 28.6 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 37.760 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

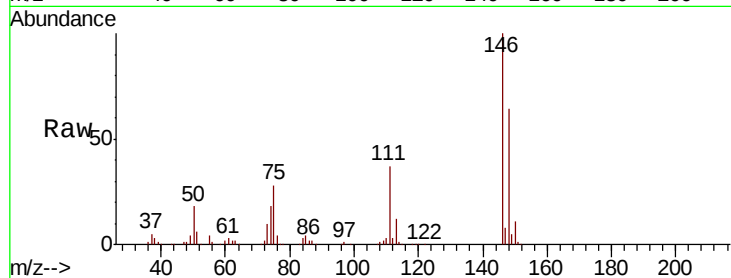
Tot Ion:146 Resp: 239156

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

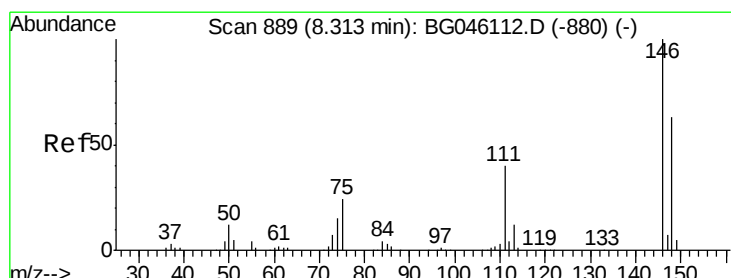
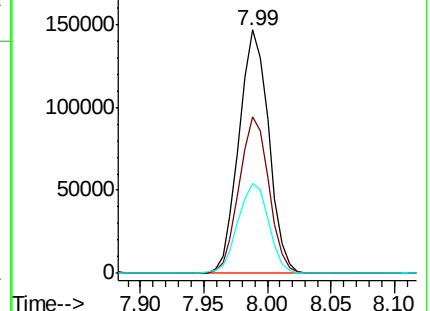
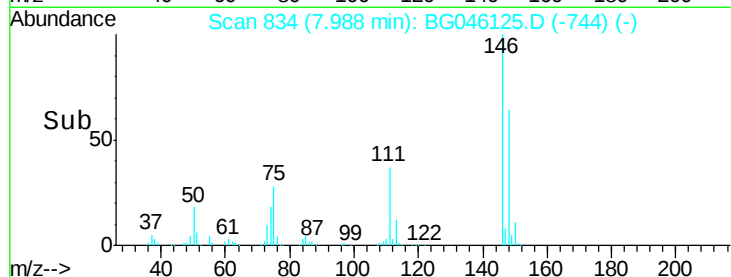
111 37.0 30.7 46.1



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: 38.953 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

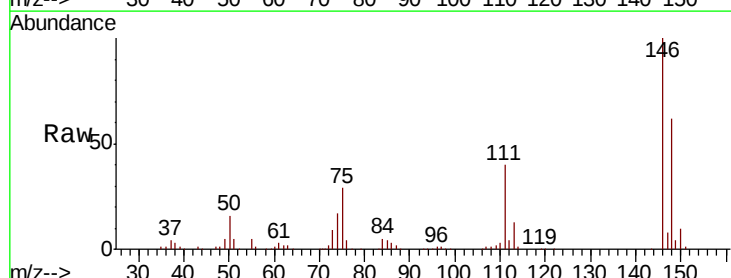
Tgt Ion:146 Resp: 232678

Ion Ratio Lower Upper

146 100

148 61.6 50.8 76.2

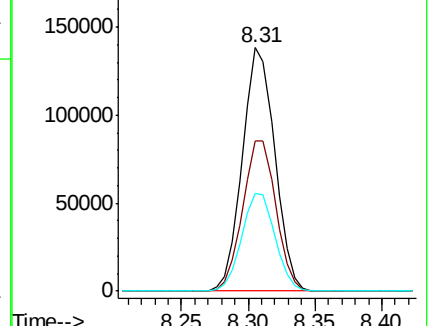
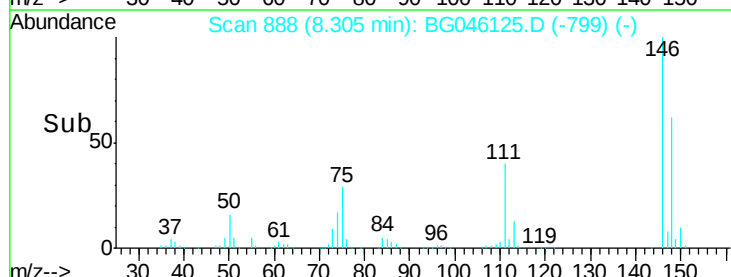
111 40.2 32.4 48.6

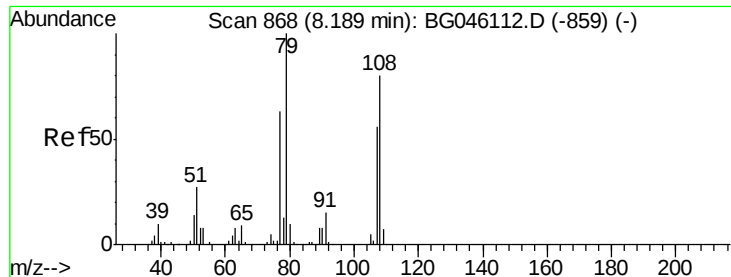


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

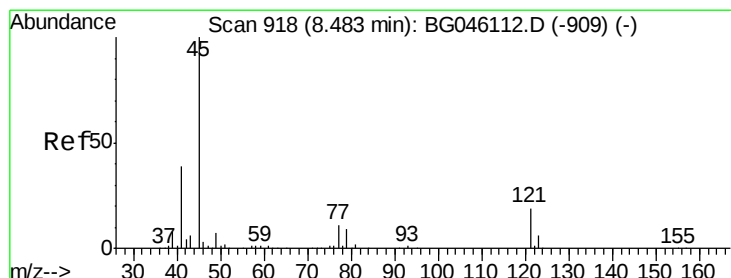
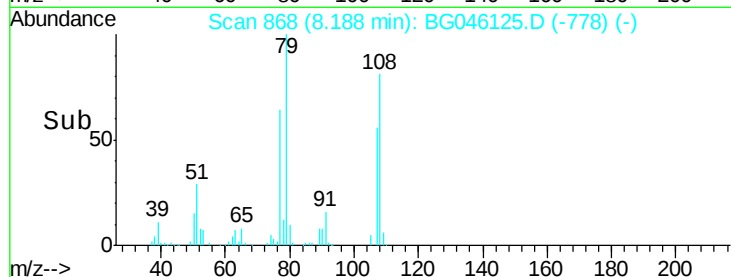
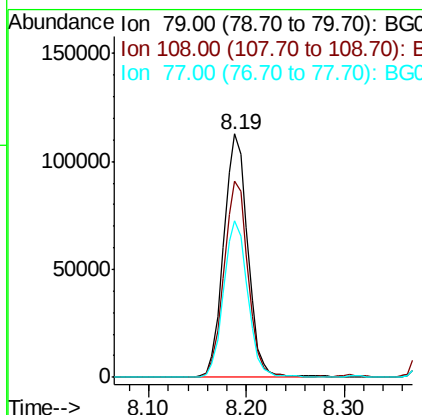
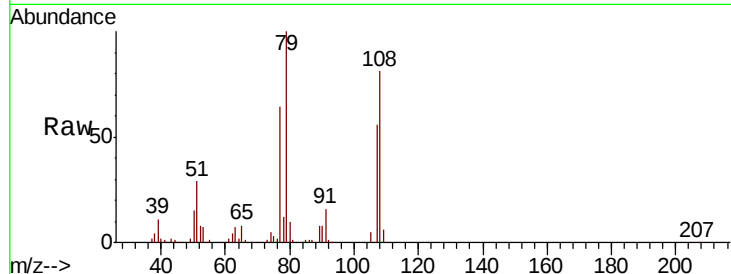




#15
Benzyl Alcohol
Concen: 43.629 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

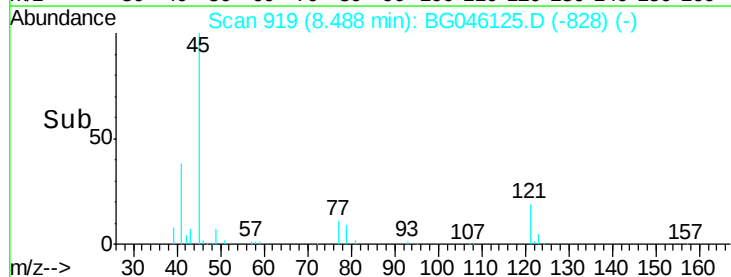
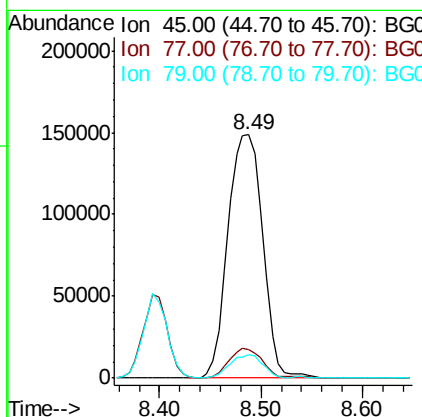
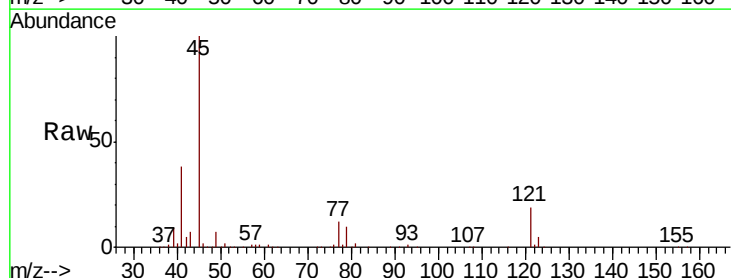
Instrument :
BNA_G
ClientSampleId :
PB130619BS

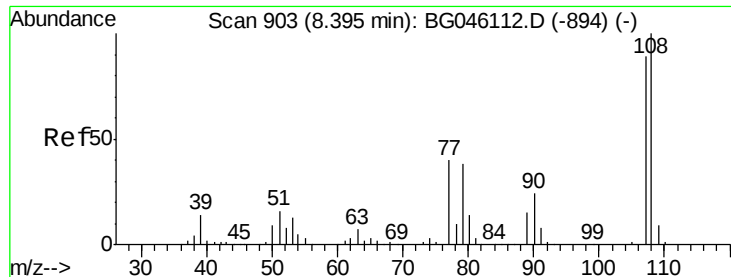
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	64.1	96.1
77	64.5	50.2	75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.134 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.9
79	9.7	0.0	29.5

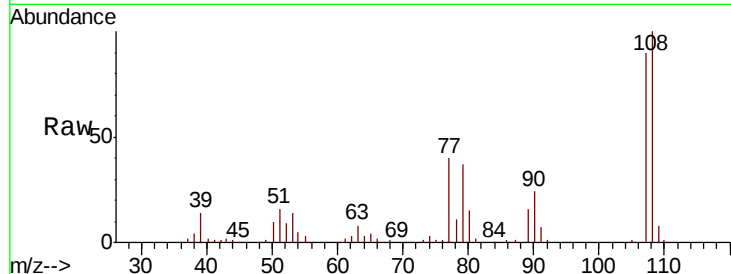




#17
2-Methylphenol
Concen: 44.239 ng
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.0	135.0
77	44.2	35.6	53.4
79	41.2	34.4	51.6



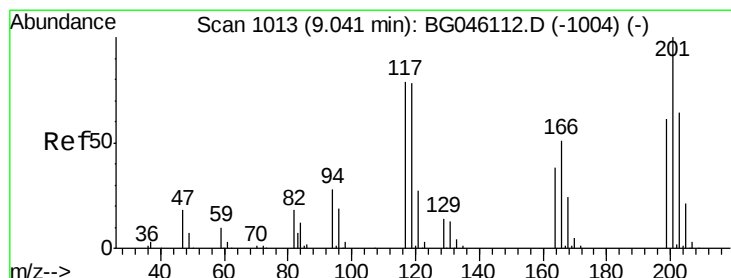
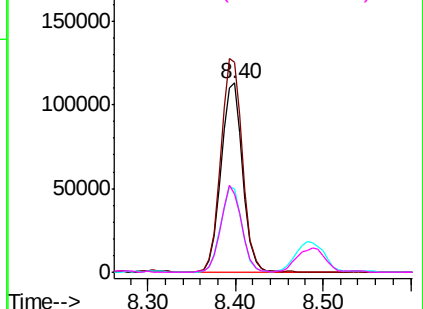
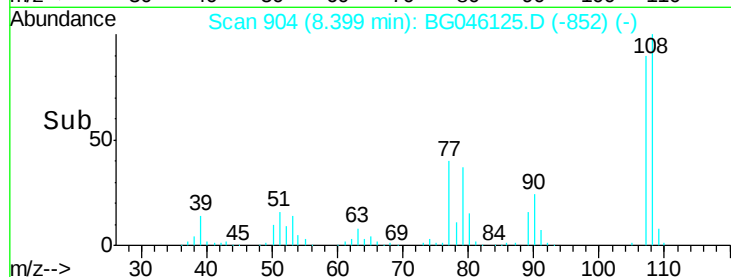
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

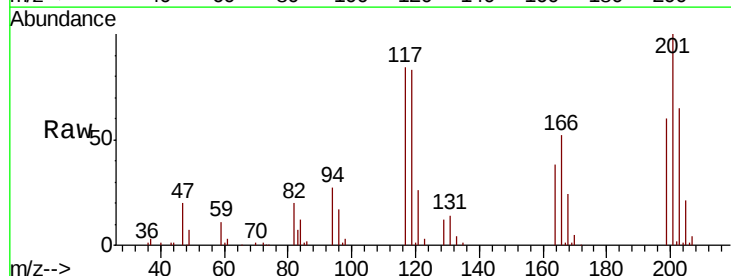
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.710 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.5	117.7
201	118.9	101.0	151.4

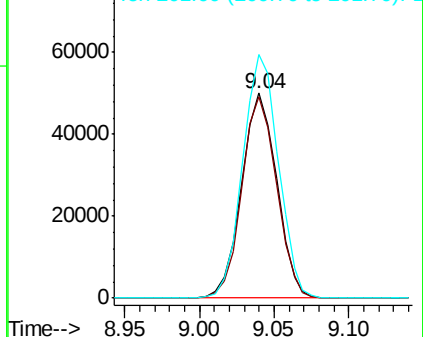
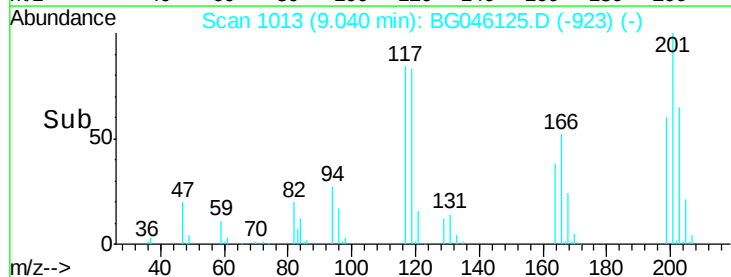


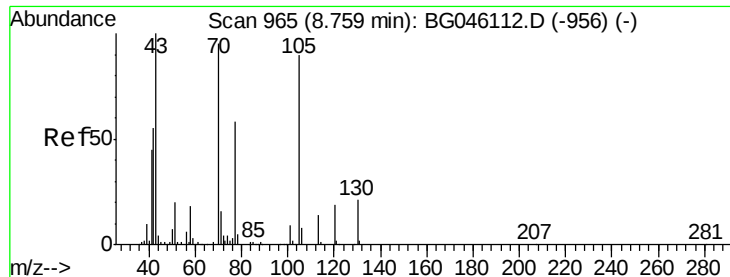
Abundance

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

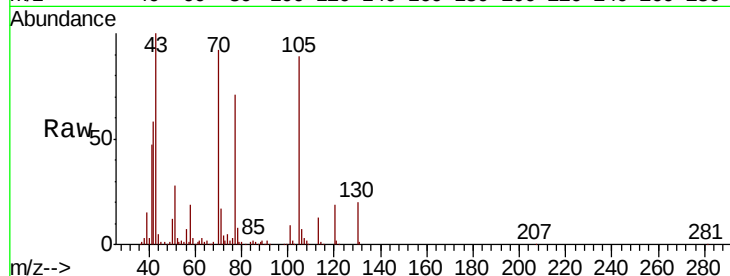




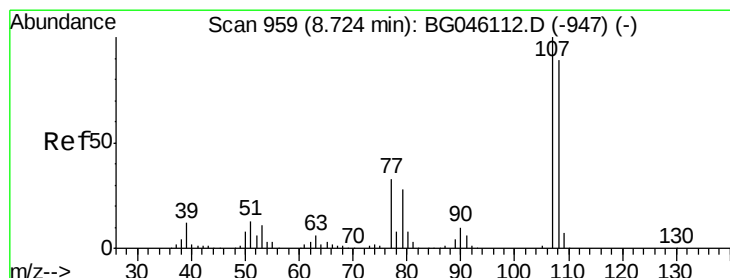
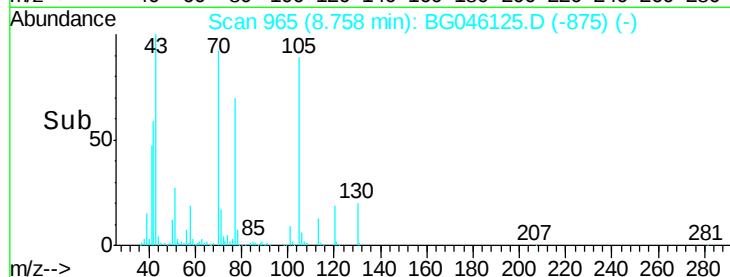
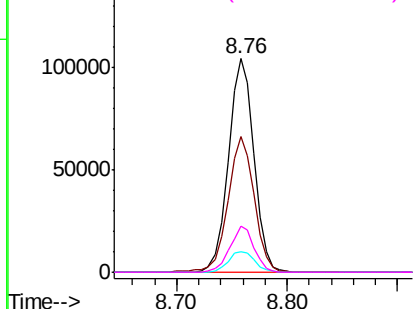
#19
n-Nitroso-di-n-propylamine
Concen: 40.287 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion:	70	Resp:	168235
Ion	Ratio	Lower	Upper
70	100		
42	63.6	46.5	69.7
101	9.7	7.6	11.4
130	21.6	17.3	25.9

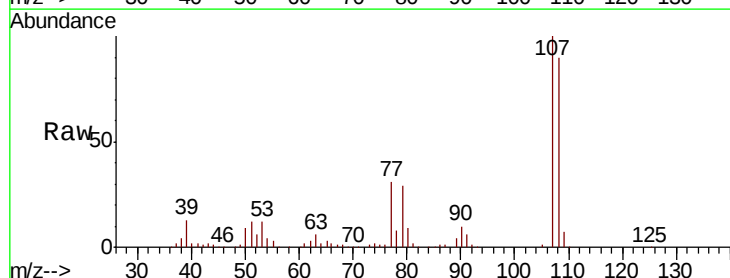


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

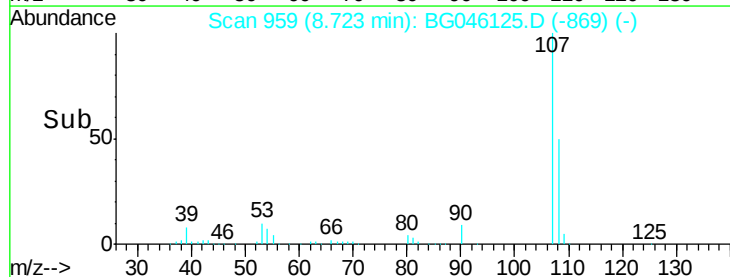
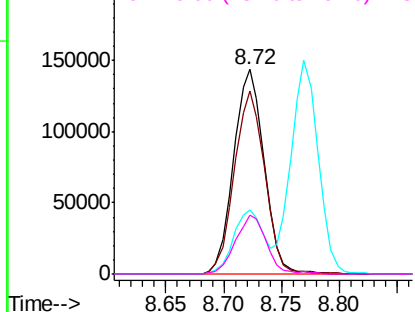


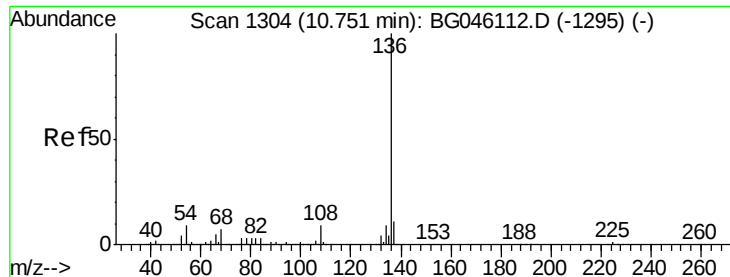
#20
3+4-Methylphenols
Concen: 44.207 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:	107	Resp:	263347
Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.1	109.1
77	31.4	12.5	52.5
79	28.7	8.4	48.4



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

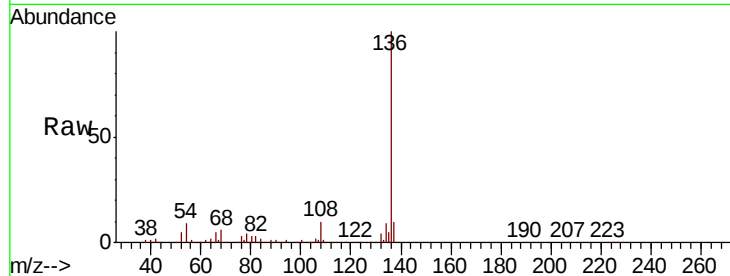




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion:136	Resp:	338700	
Ion Ratio	Lower	Upper	
136 100			
137 10.2	8.8	13.2	
54 8.7	7.0	10.4	
68 5.9	5.3	7.9	



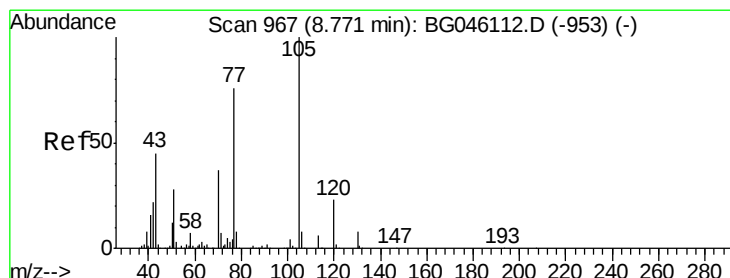
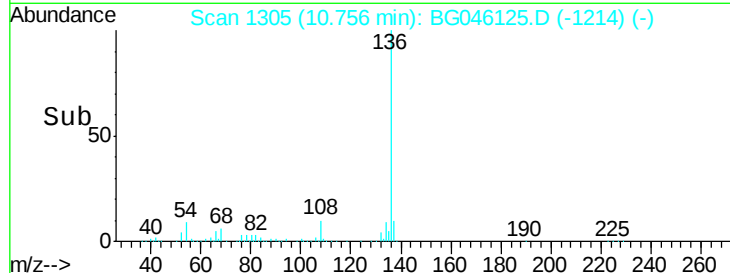
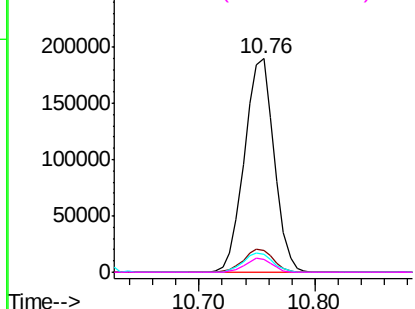
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

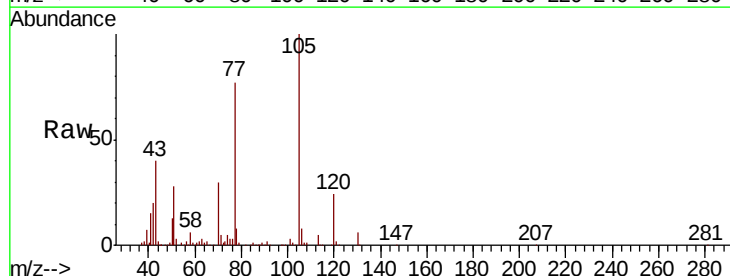
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.890 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt	Ion:105	Resp:	320656
Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.3	7.9#
51	28.3	22.7	34.1
120	23.6	18.7	28.1



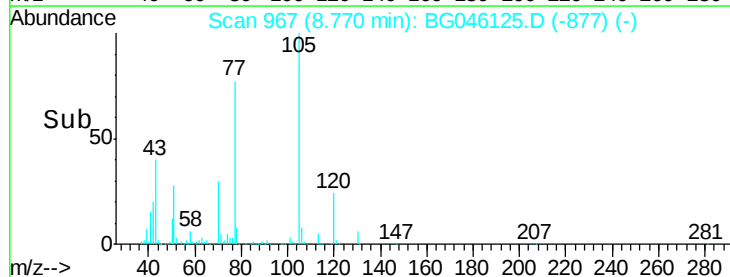
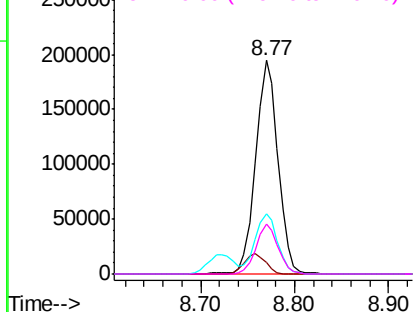
Abundance

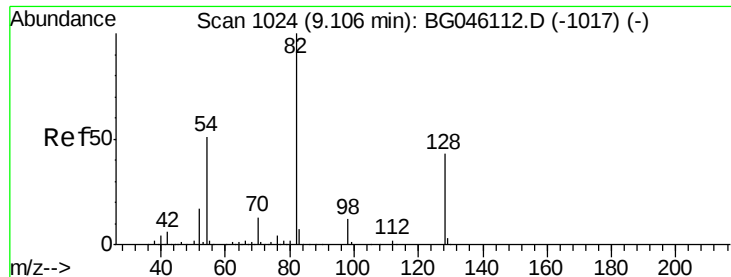
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

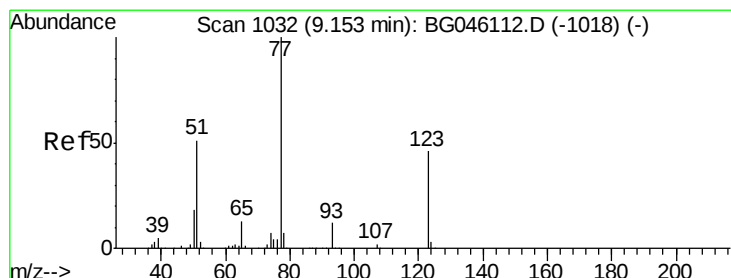
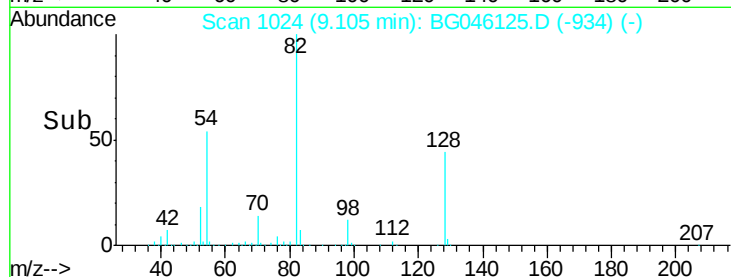
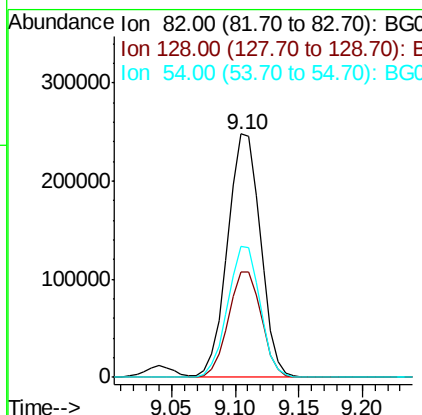
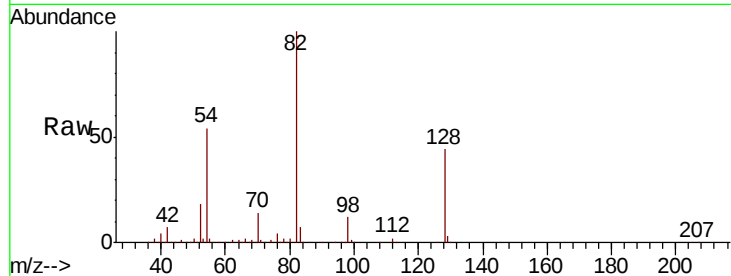




#23
Nitrobenzene-d5
Concen: 71.325 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

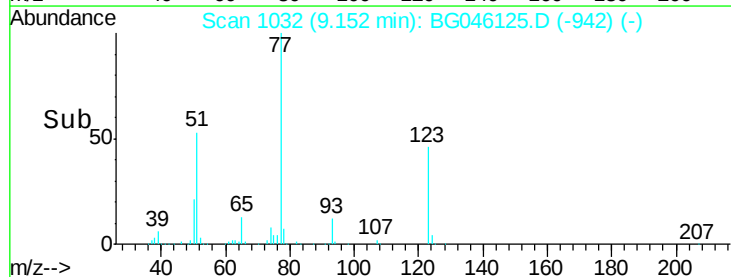
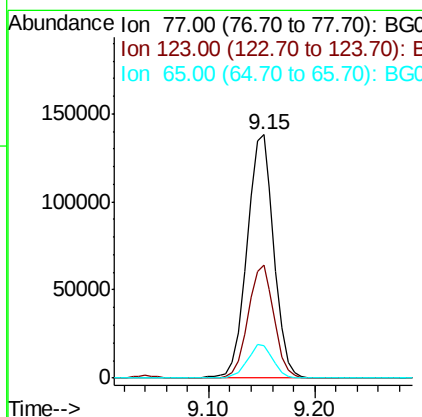
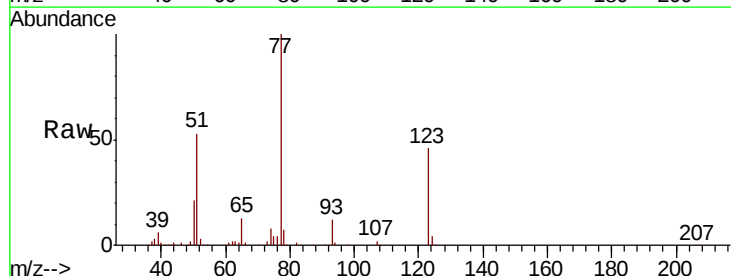
Instrument :
BNA_G
ClientSampleId :
PB130619BS

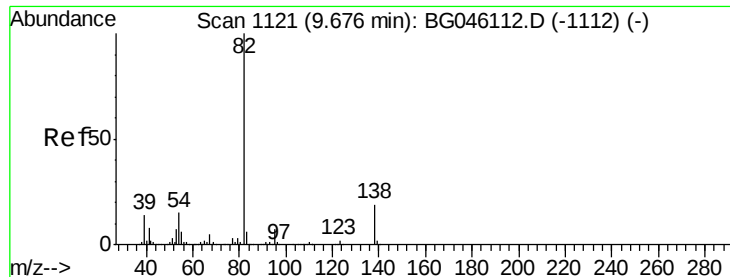
Tot Ion	82	Resp	446184
Ion Ratio	100		
Lower			
Upper			
128	43.5	34.4	51.6
54	53.7	40.8	61.2



#24
Nitrobenzene
Concen: 36.590 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	77	Resp	244043
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
123	46.3	36.8	55.2
65	13.2	10.2	15.2

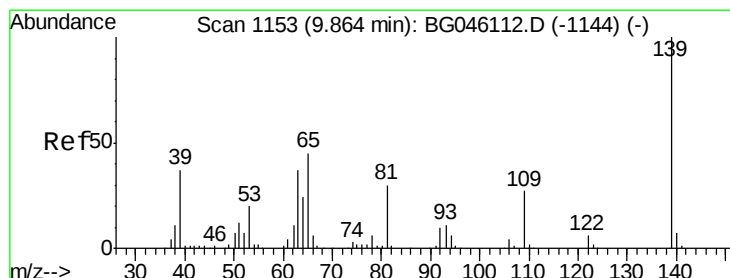
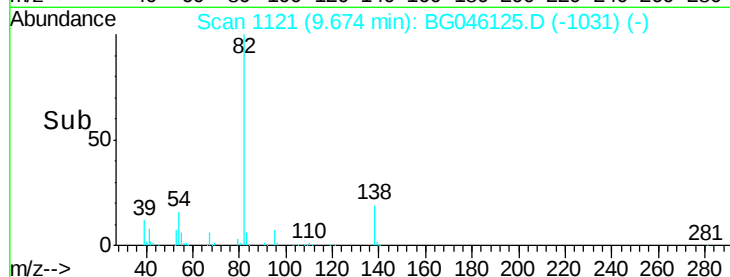
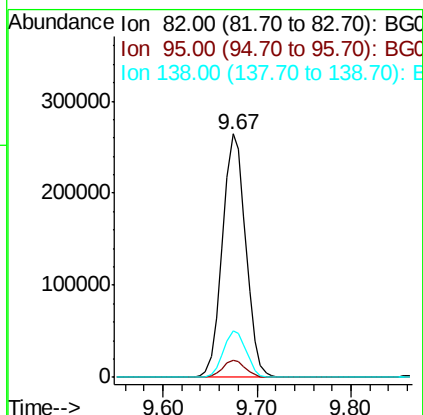
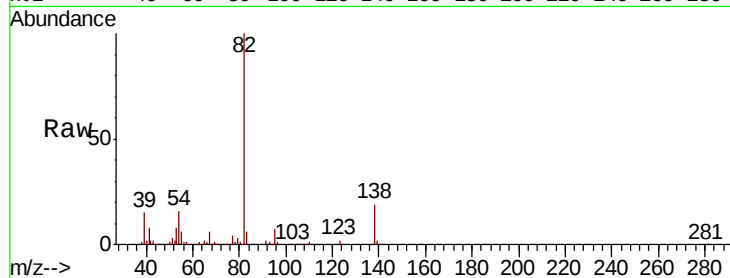




#25
Isophorone
Concen: 36.591 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

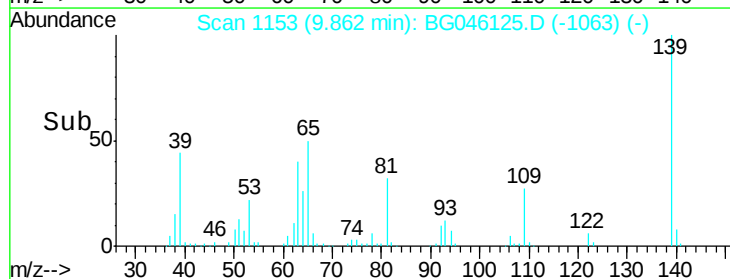
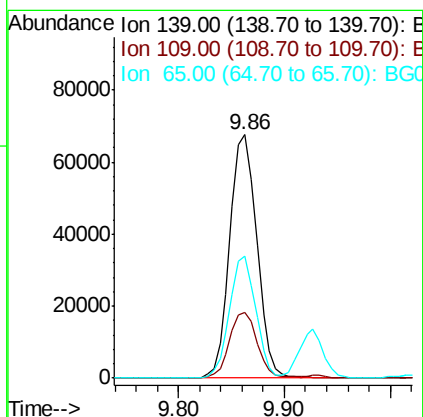
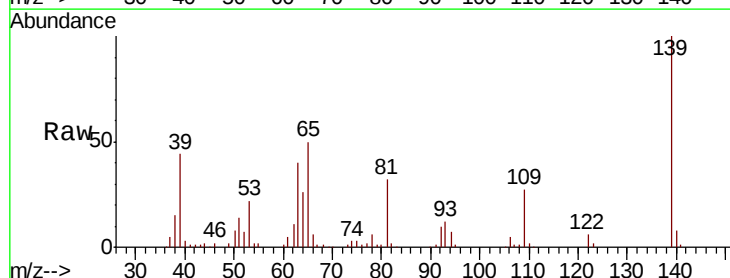
Instrument :
BNA_G
ClientSampleId :
PB130619BS

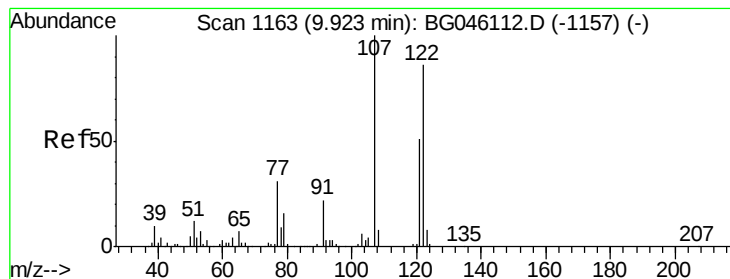
Tot Ion: 82 Resp: 455471
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.1 15.3 22.9



#26
2-Nitrophenol
Concen: 39.707 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion: 139 Resp: 120026
Ion Ratio Lower Upper
139 100
109 27.1 21.8 32.8
65 50.1 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 42.291 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

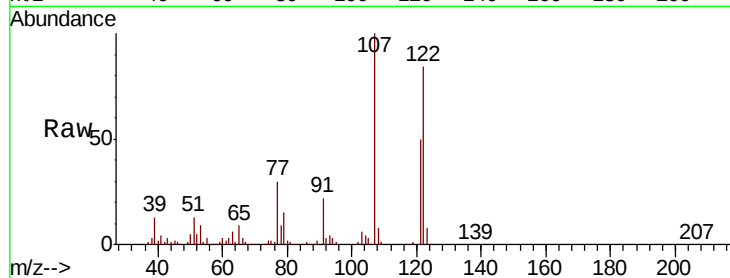
Tot Ion:122 Resp: 207983

Ion Ratio Lower Upper

122 100

107 119.1 92.4 138.6

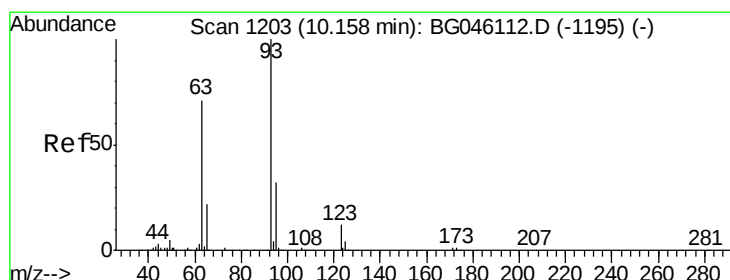
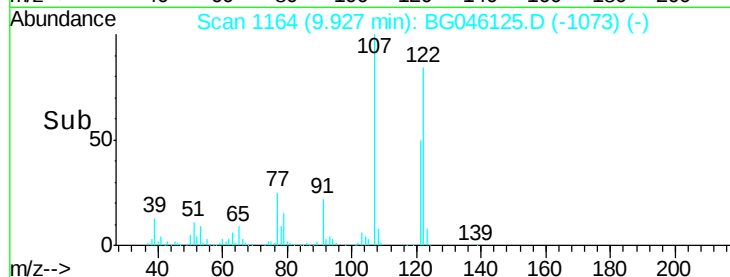
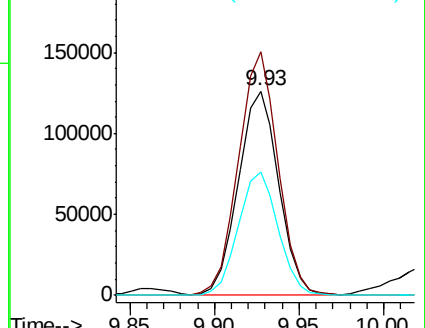
121 60.1 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.031 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

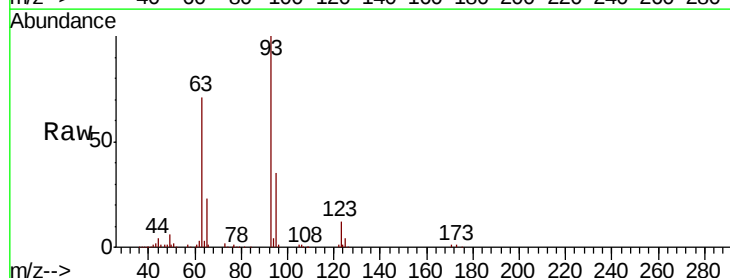
Tgt Ion: 93 Resp: 277717

Ion Ratio Lower Upper

93 100

95 34.5 26.0 39.0

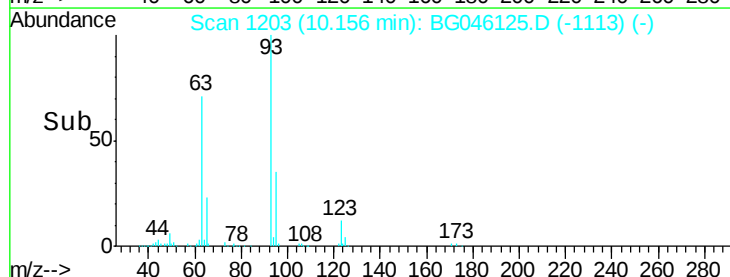
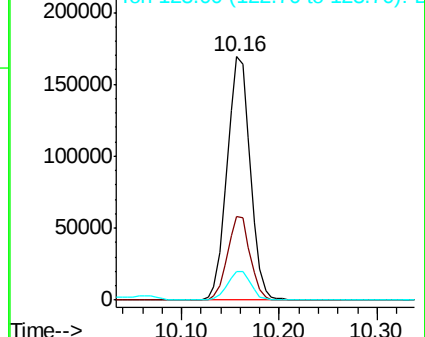
123 11.9 9.7 14.5

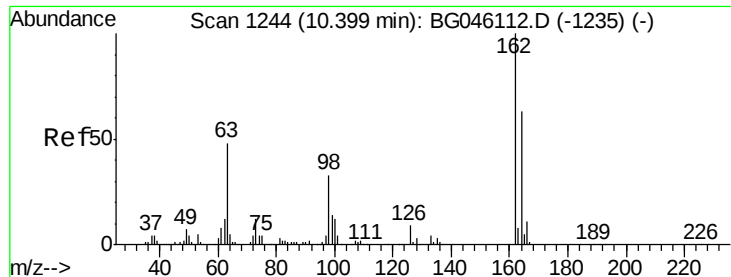


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

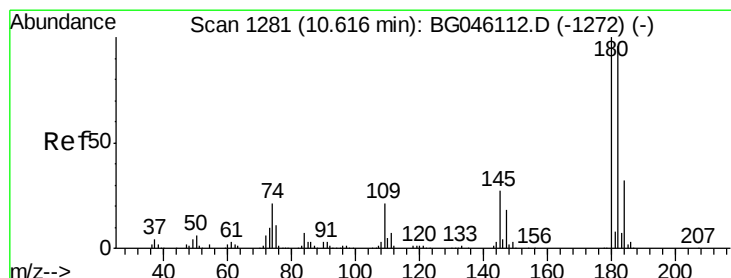
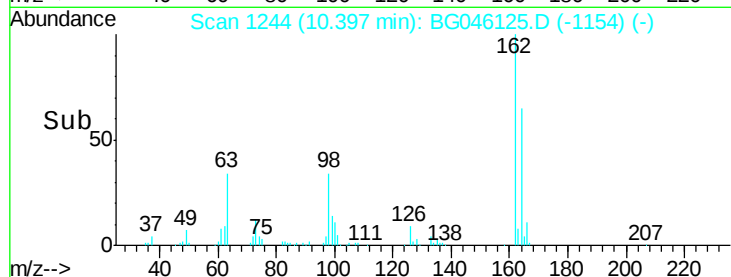
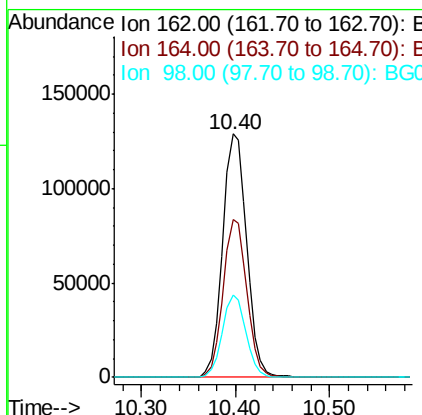
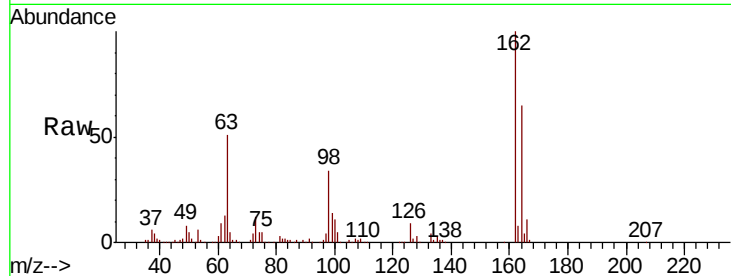




#29
 2,4-Dichlorophenol
 Concen: 39.750 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

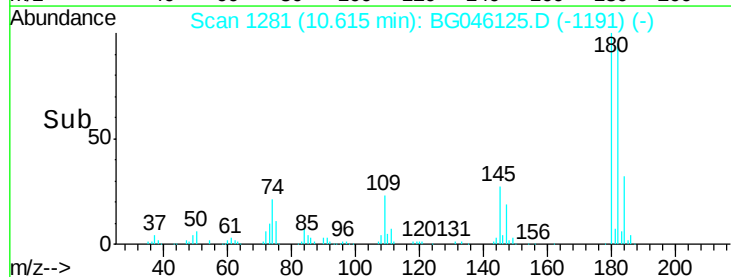
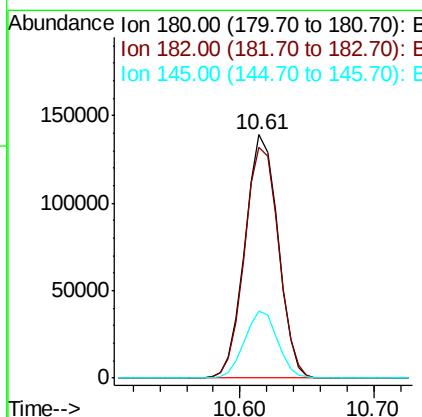
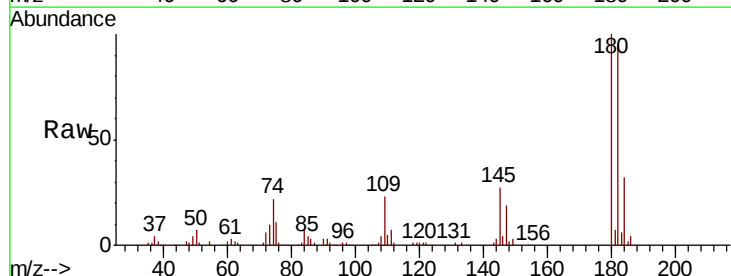
Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

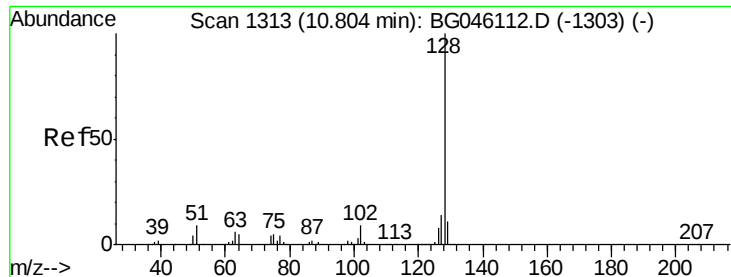
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.3	83.3
98	33.9	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.253 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.7	115.1
145	27.4	21.8	32.8

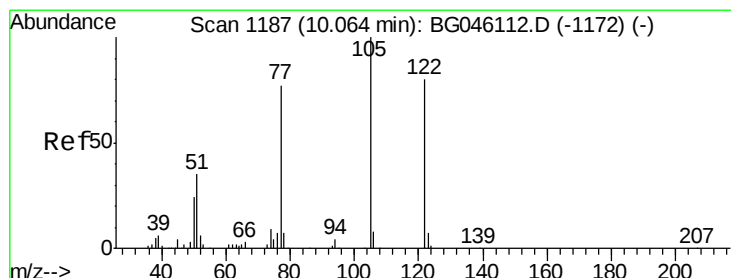
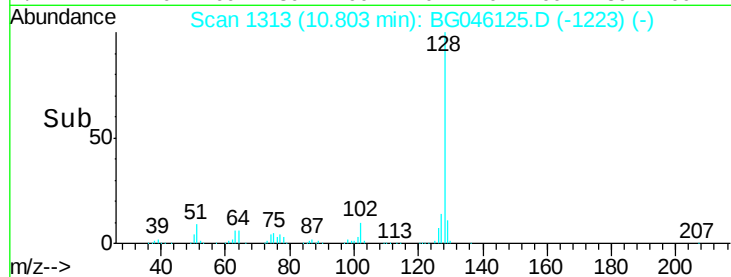
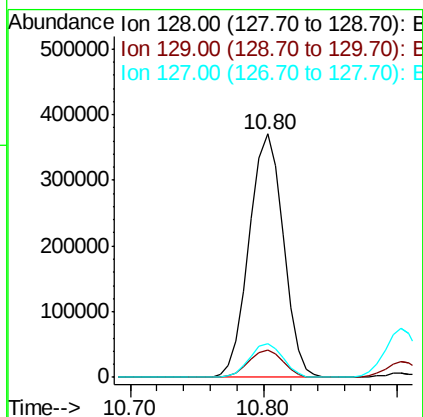
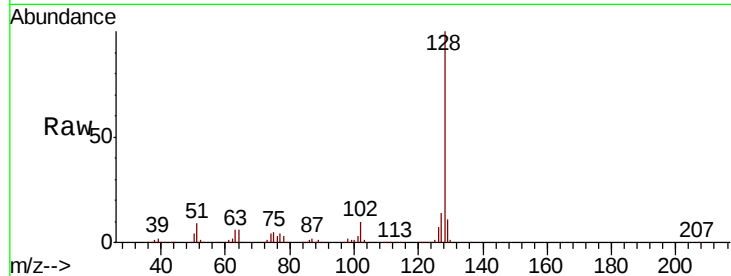




#31
Naphthalene
Concen: 36.626 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

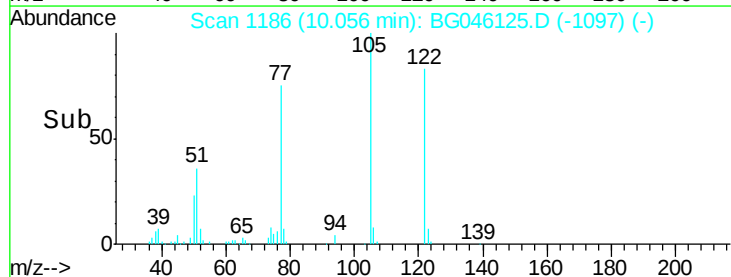
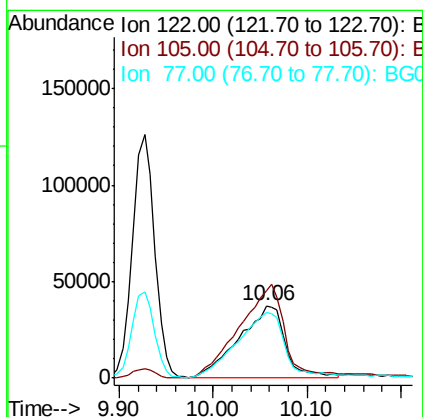
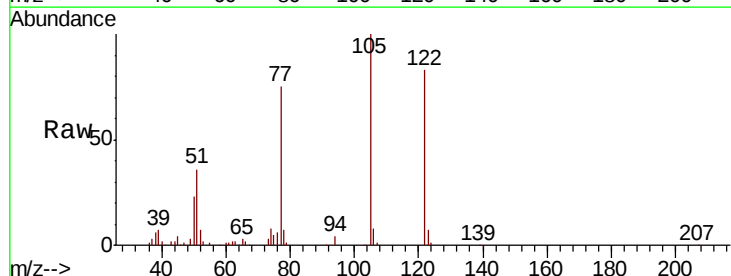
Instrument :
BNA_G
ClientSampleId :
PB130619BS

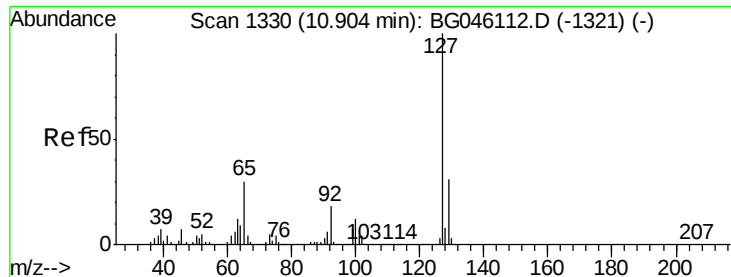
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.6	11.3	16.9



#32
Benzoic acid
Concen: 37.463 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	103.0	143.0
77	90.5	75.2	115.2

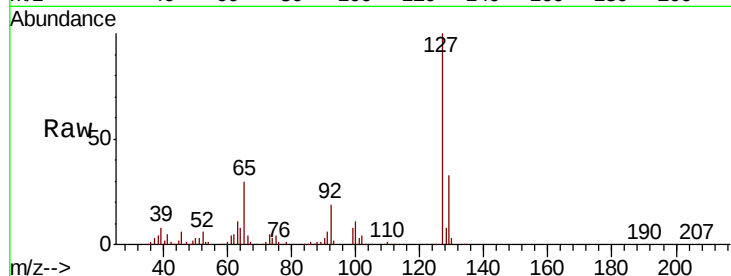




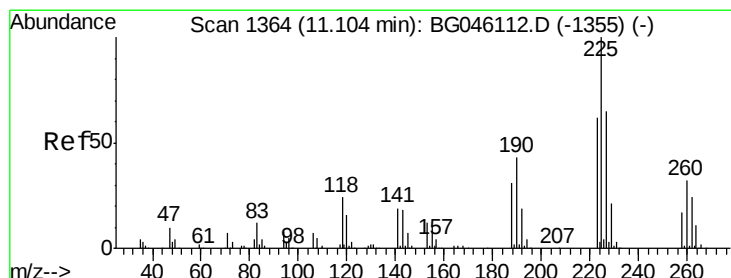
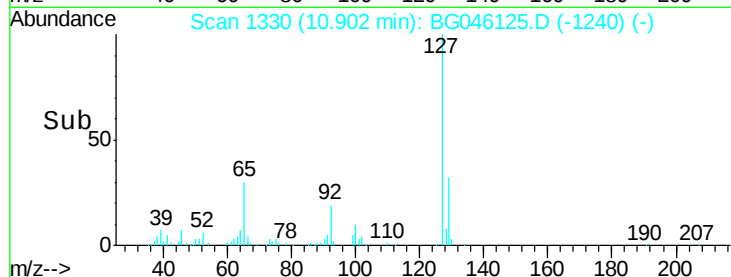
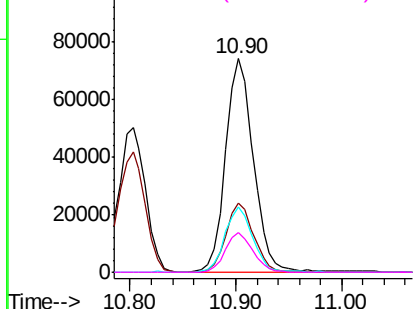
#33
4-Chloroaniline
Concen: 18.482 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion:	127	Resp:	135350
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.2	37.8
65	30.3	24.2	36.2
92	18.6	14.5	21.7

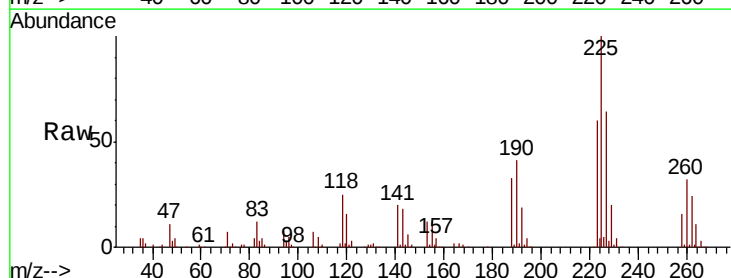


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

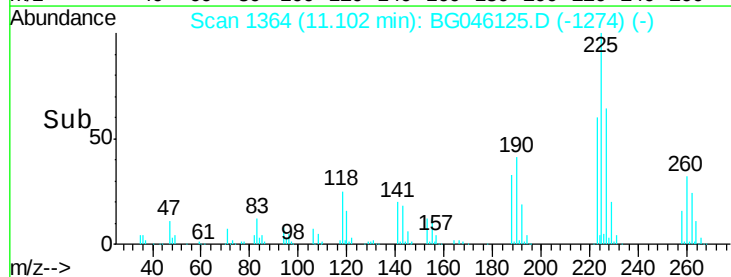
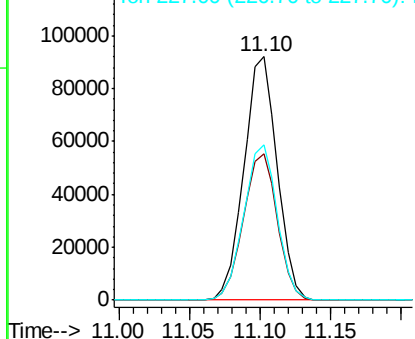


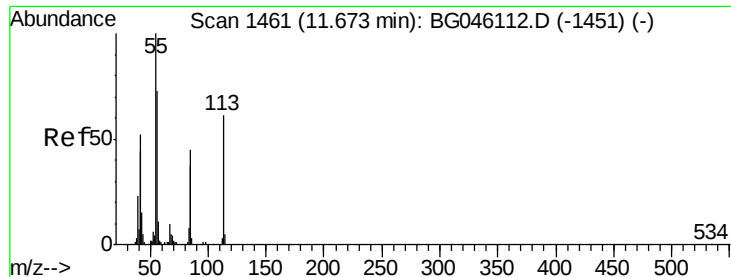
#34
Hexachlorobutadiene
Concen: 33.700 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:	225	Resp:	152035
Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.8	74.6
227	63.7	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: 19.696 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

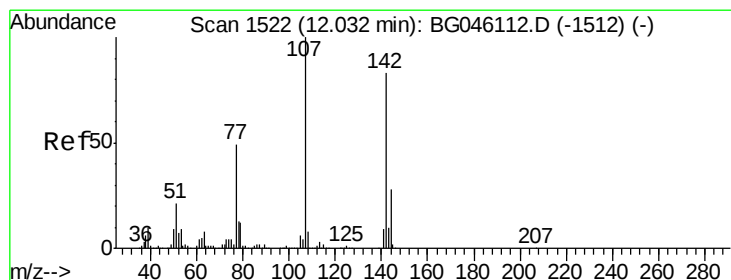
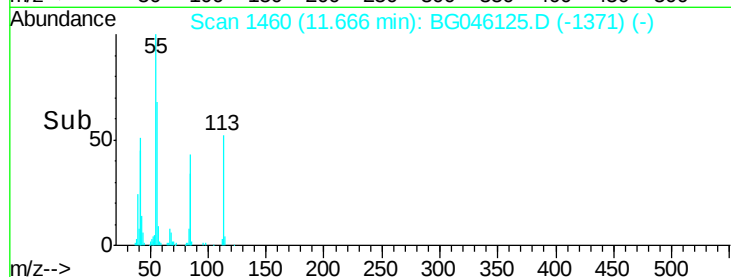
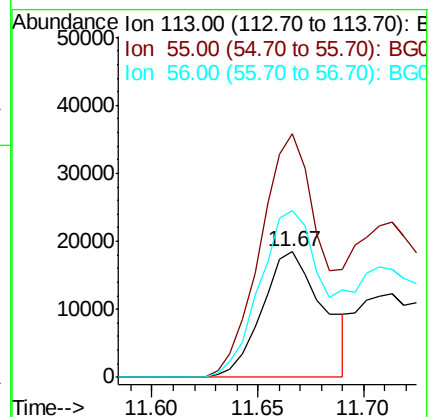
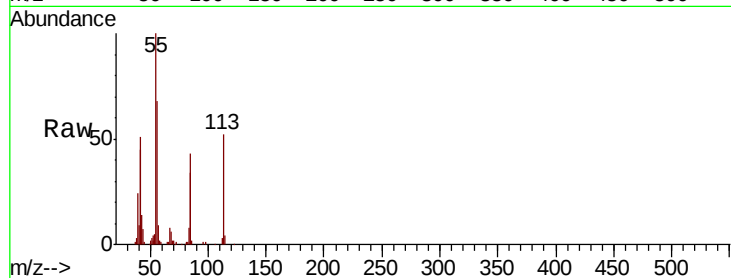
Tot Ion:113 Resp: 37294

Ion Ratio Lower Upper

113 100

55 193.6 144.7 184.7#

56 132.4 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 41.869 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

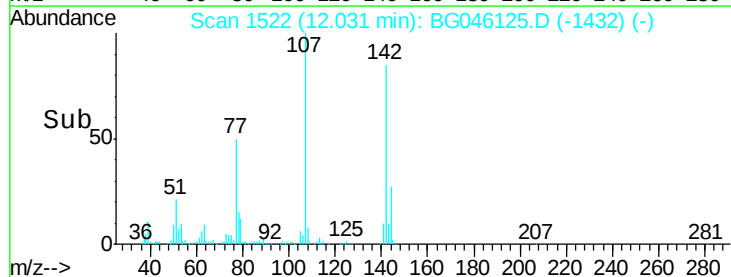
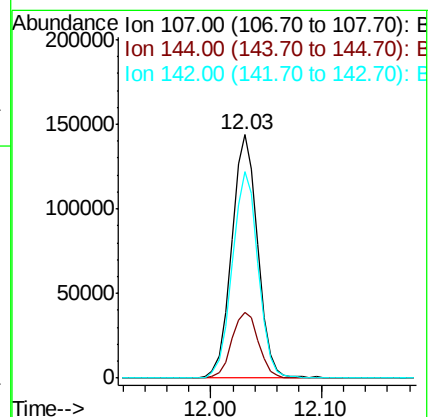
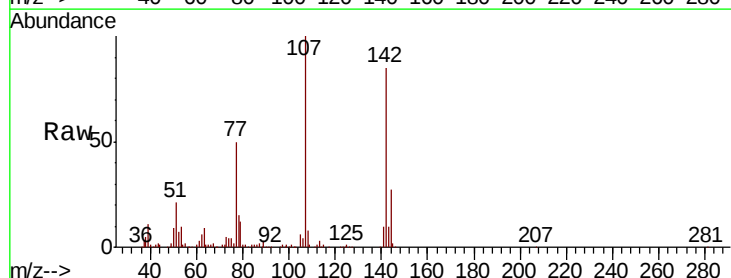
Tgt Ion:107 Resp: 237698

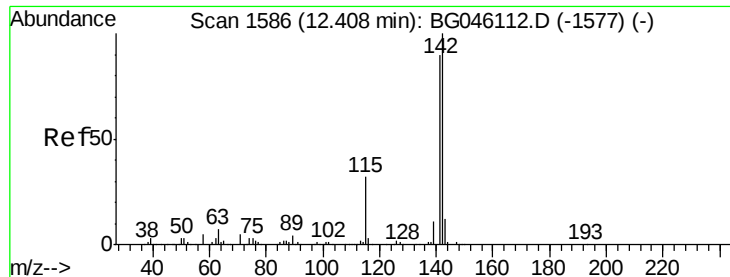
Ion Ratio Lower Upper

107 100

144 27.0 22.4 33.6

142 84.7 66.6 100.0

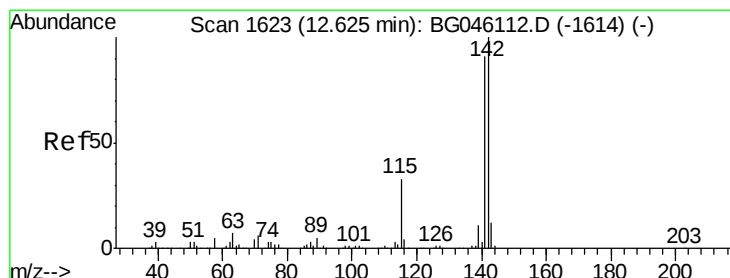
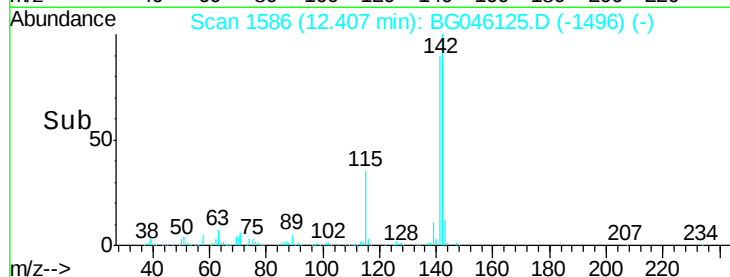
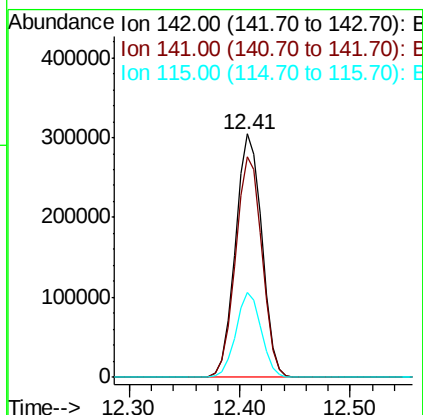
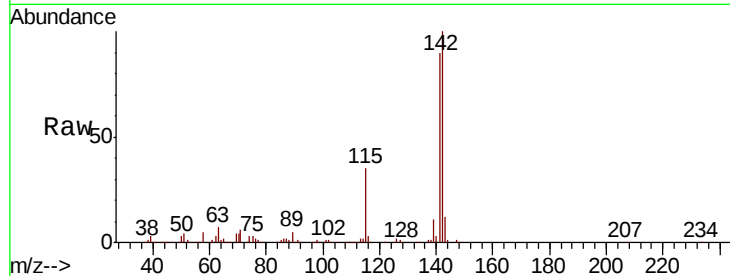




#37
2-Methylnaphthalene
Concen: 37.185 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

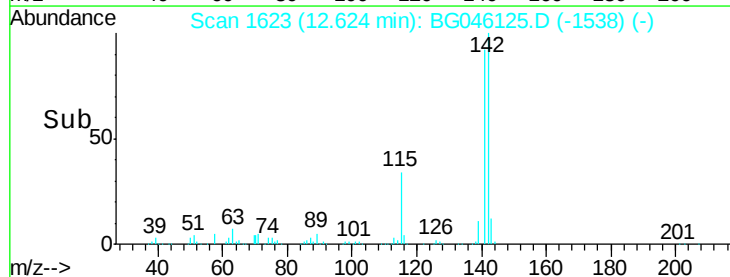
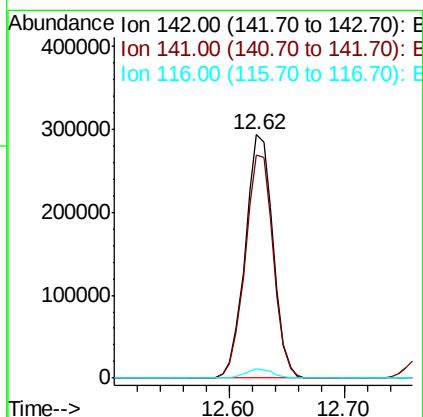
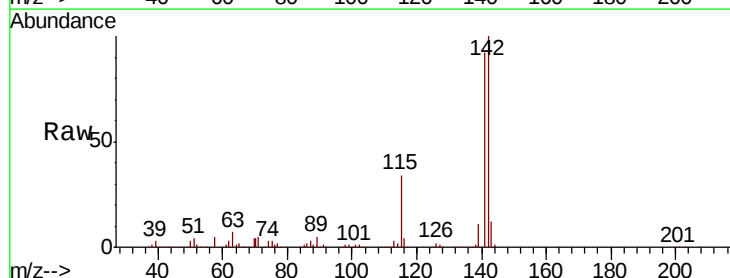
Instrument :
BNA_G
ClientSampleId :
PB130619BS

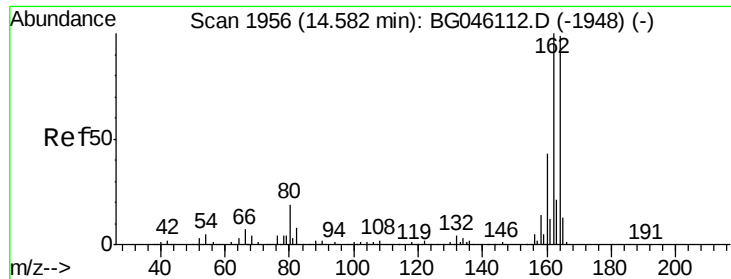
Tot Ion:142 Resp: 512768
Ion Ratio Lower Upper
142 100
141 90.5 71.7 107.5
115 34.8 25.8 38.8



#38
1-Methylnaphthalene
Concen: 37.489 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:142 Resp: 489197
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4
116 3.9 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

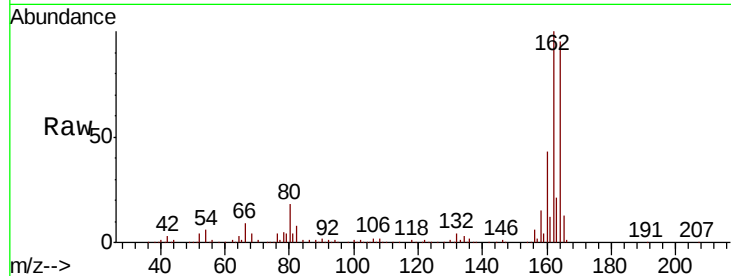
Tot Ion:164 Resp: 228879

Ion Ratio Lower Upper

164 100

162 104.9 80.6 121.0

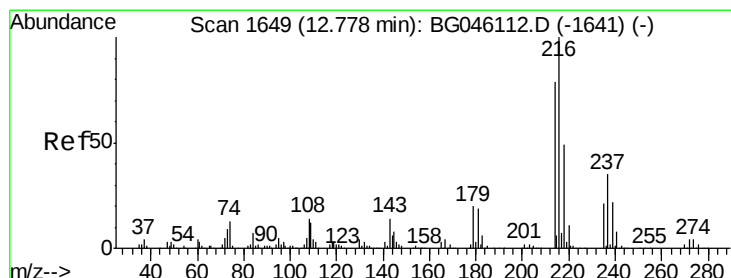
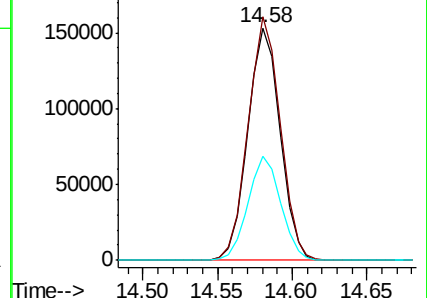
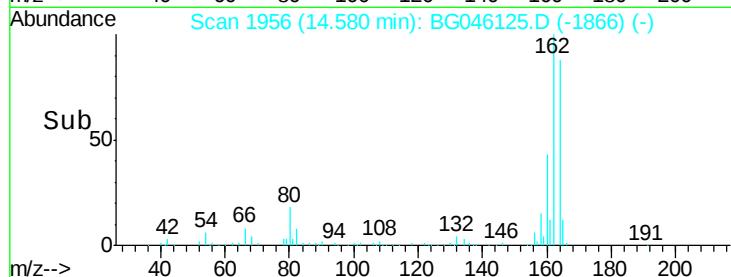
160 45.0 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.196 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion:216 Resp: 281998

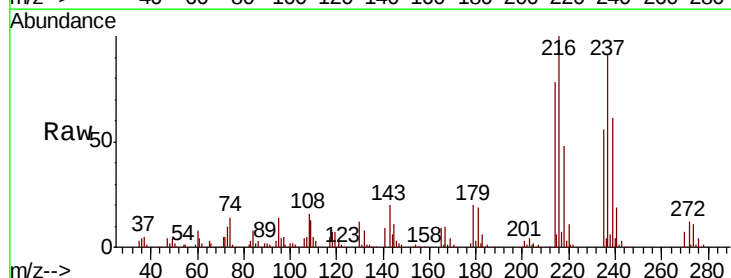
Ion Ratio Lower Upper

216 100

214 78.3 62.7 94.1

179 19.4 15.0 22.6

108 17.5 11.6 17.4#

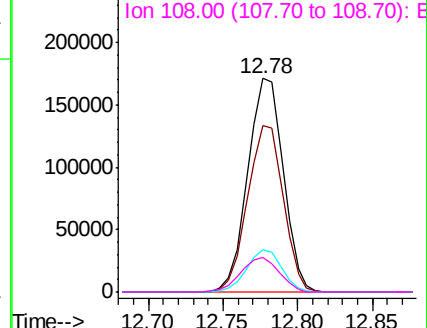
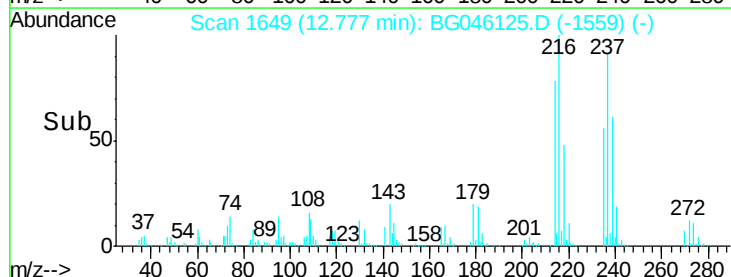


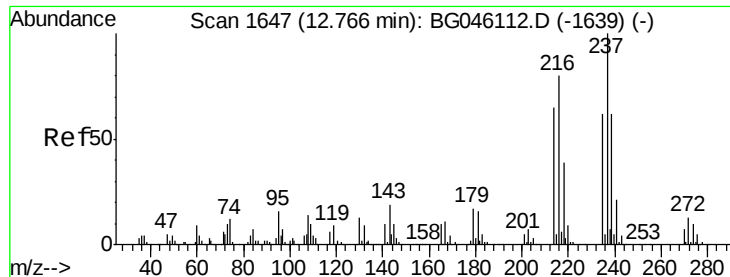
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.323 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

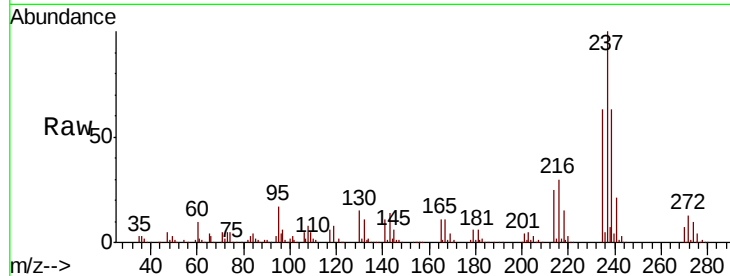
Tot Ion:237 Resp: 394133

Ion Ratio Lower Upper

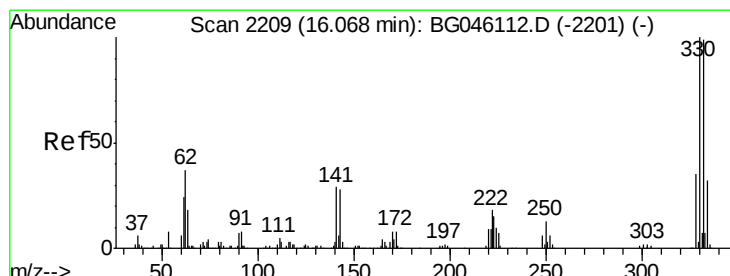
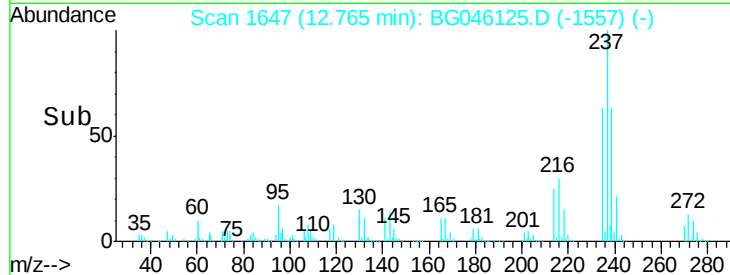
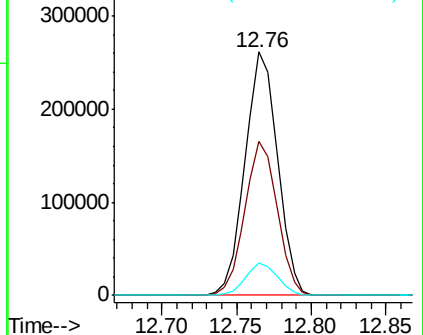
237 100

235 63.3 42.3 82.3

272 13.2 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: 101.246 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

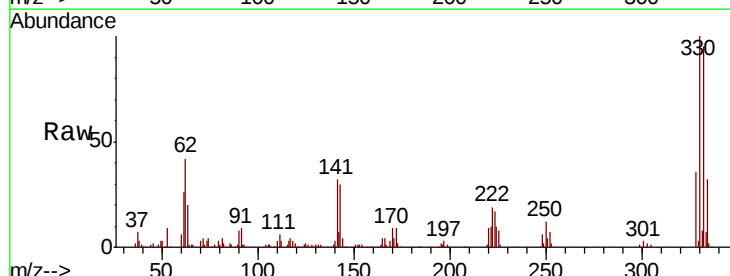
Tgt Ion:330 Resp: 355934

Ion Ratio Lower Upper

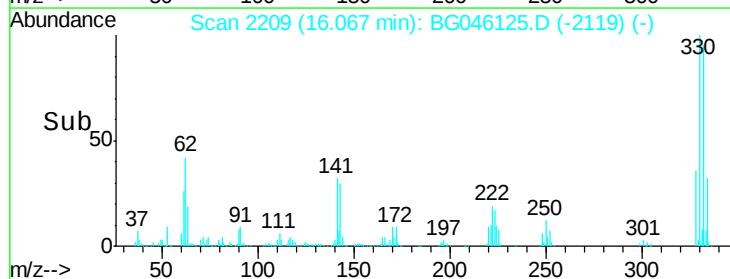
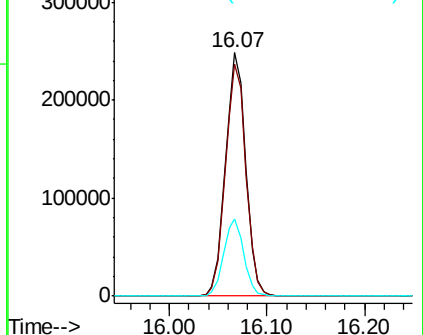
330 100

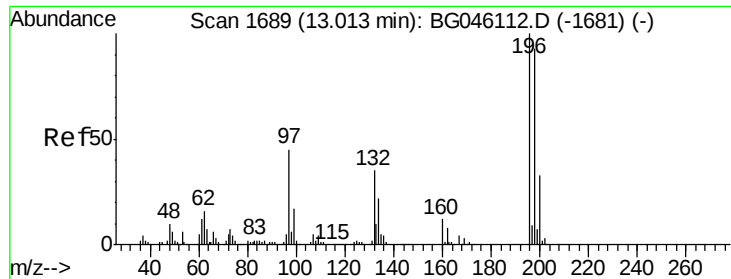
332 96.6 77.4 116.2

141 31.5 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

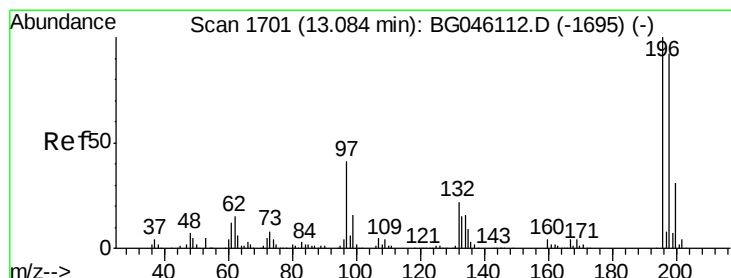
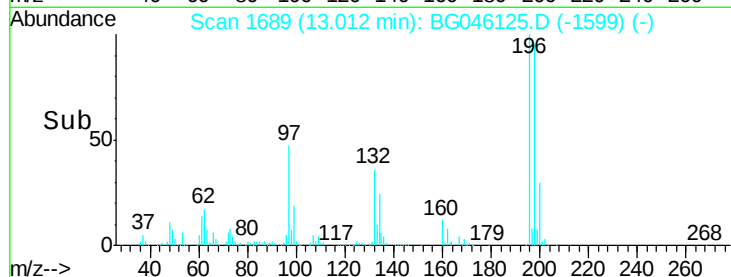
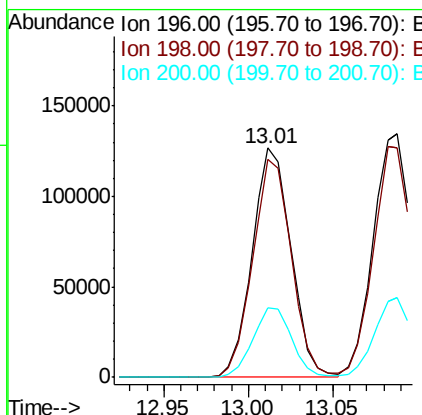
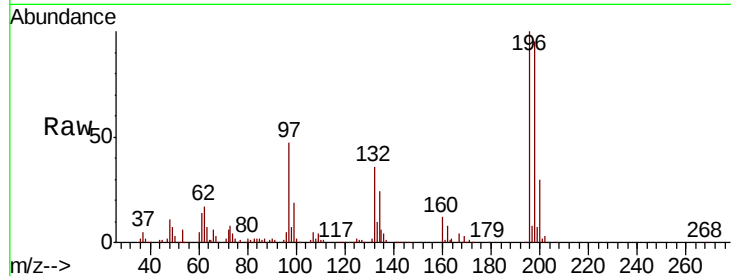




#43
 2,4,6-Trichlorophenol
 Concen: 38.494 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

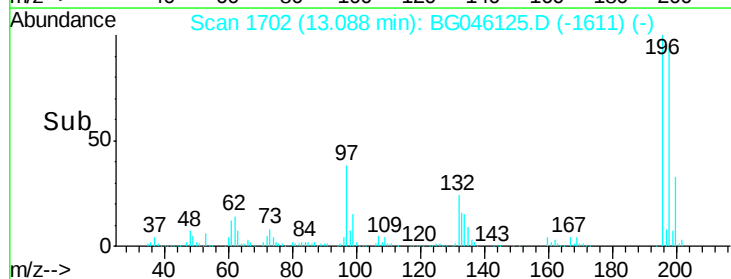
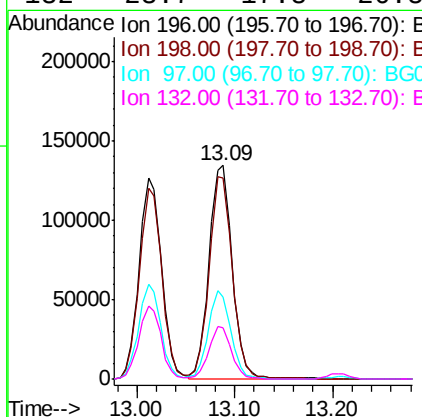
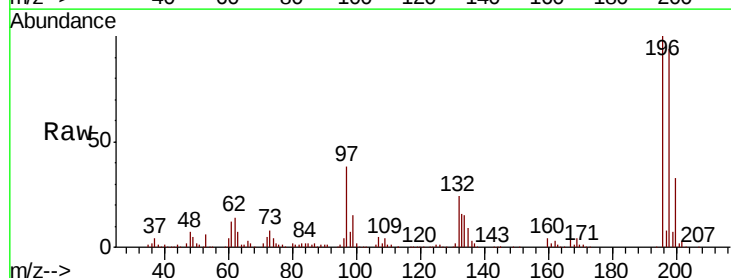
Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

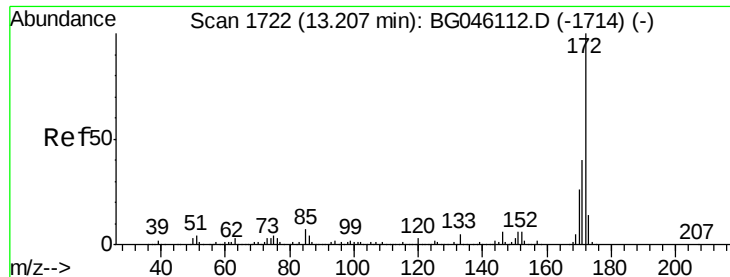
Tot Ion:196 Resp: 202528
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.2 111.4
 200 30.4 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.707 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion:196 Resp: 222201
 Ion Ratio Lower Upper
 196 100
 198 94.1 73.9 110.9
 97 38.2 32.7 49.1
 132 23.7 17.8 26.8

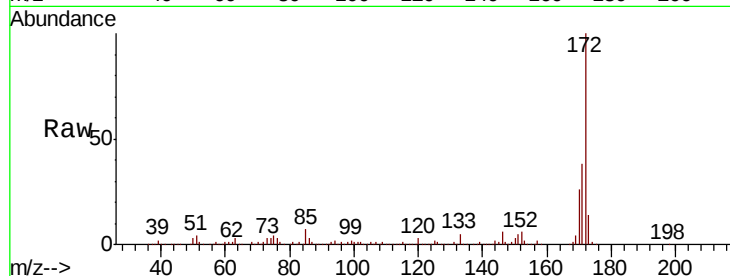




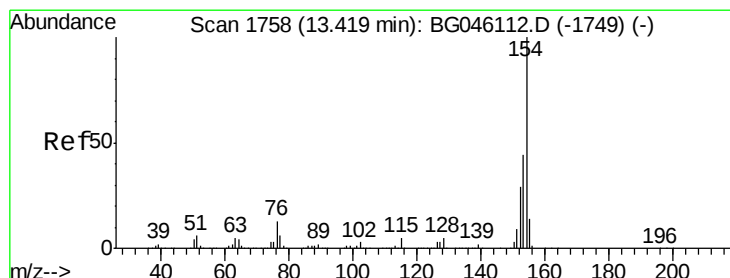
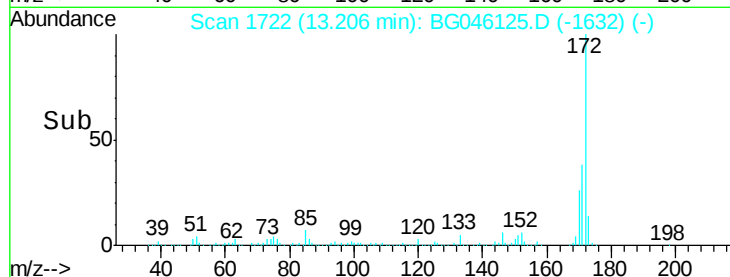
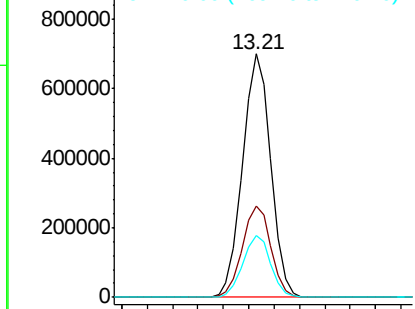
#45
2-Fluorobiphenyl
Concen: 68.458 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion:172 Resp: 1078640
Ion Ratio Lower Upper
172 100
171 37.7 31.7 47.5
170 25.5 20.9 31.3

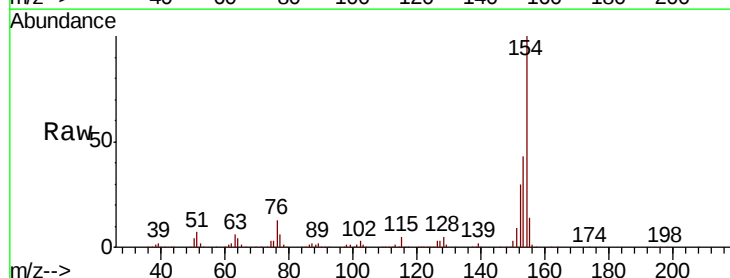


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

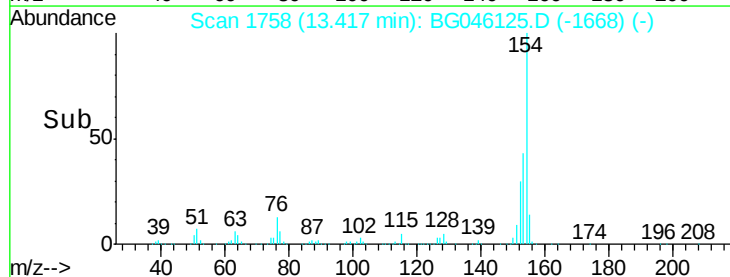
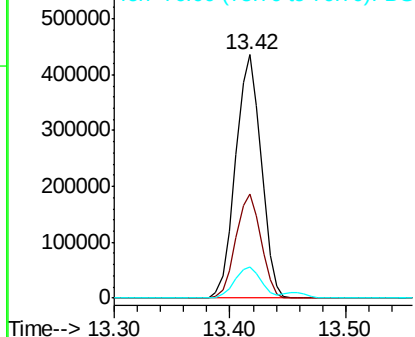


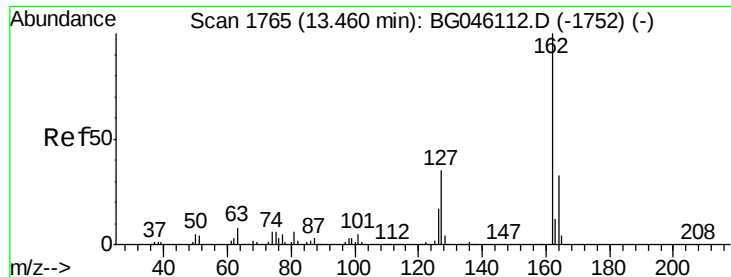
#46
1,1'-Biphenyl
Concen: 37.204 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:154 Resp: 667992
Ion Ratio Lower Upper
154 100
153 42.8 23.7 63.7
76 12.8 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

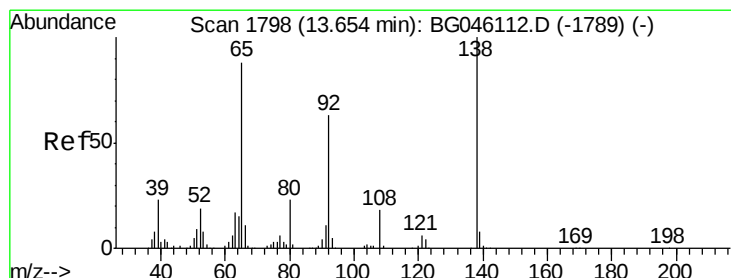
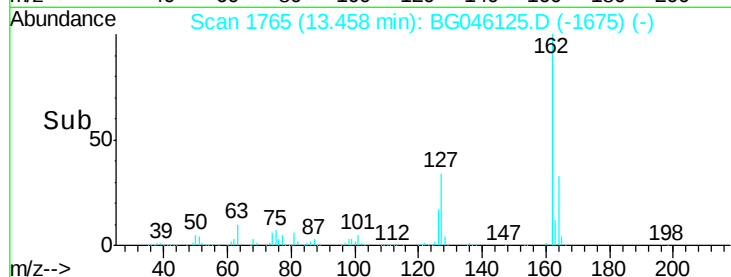
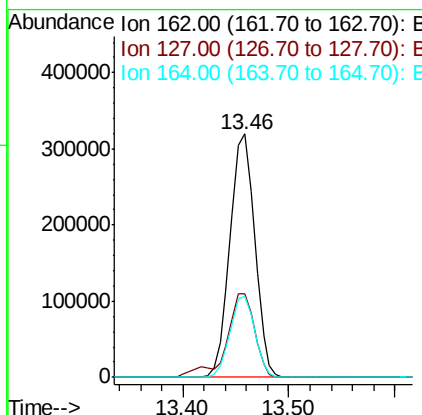
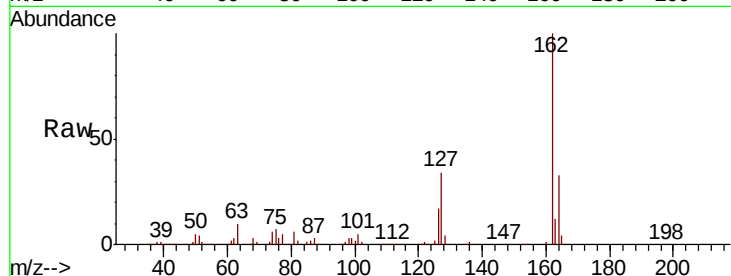




#47
2-Chloronaphthalene
Concen: 36.201 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

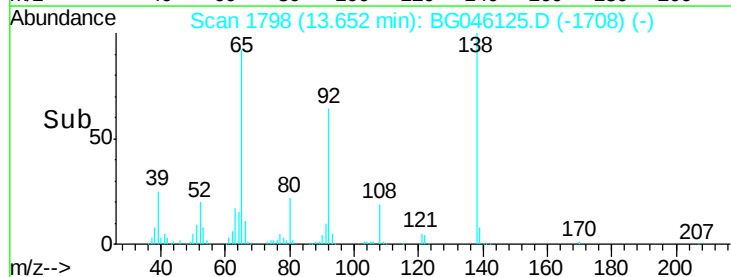
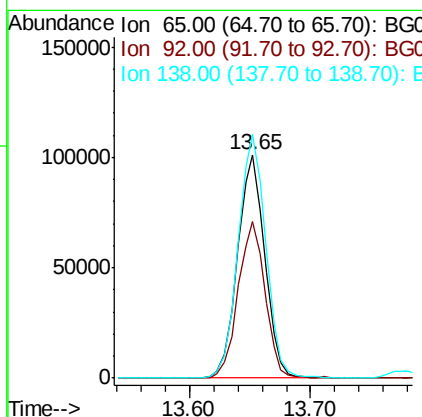
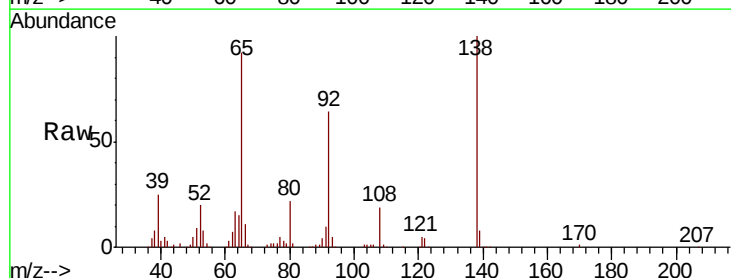
Instrument :
BNA_G
ClientSampleId :
PB130619BS

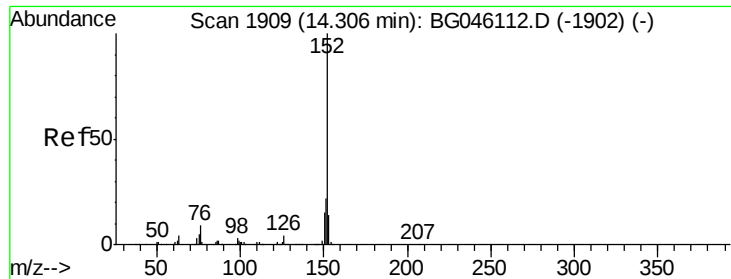
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	28.0	42.0
164	33.4	26.5	39.7



#48
2-Nitroaniline
Concen: 42.536 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	57.4	86.2
138	109.1	91.1	136.7





#49

Acenaphthylene

Concen: 37.873 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

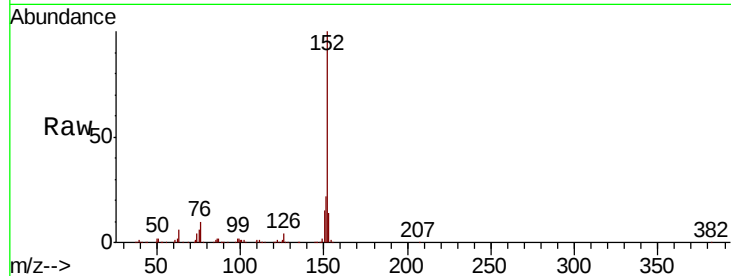
Tot Ion:152 Resp: 842275

Ion Ratio Lower Upper

152 100

151 22.1 17.4 26.2

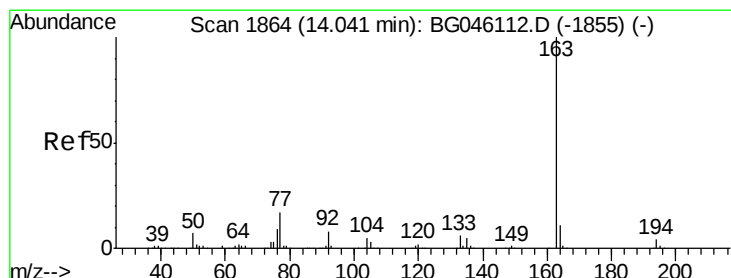
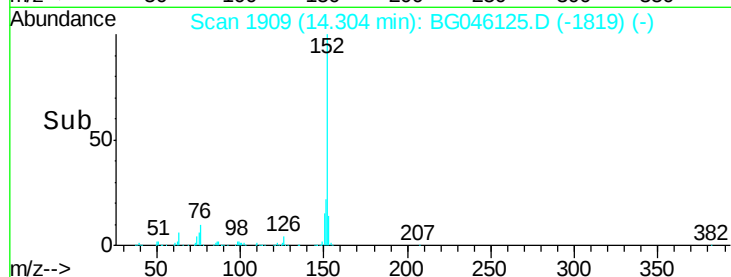
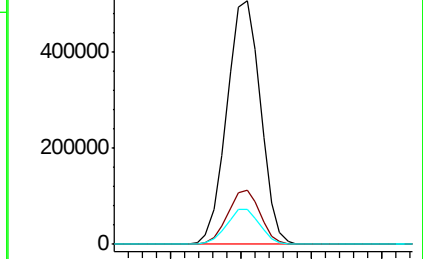
153 14.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.090 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

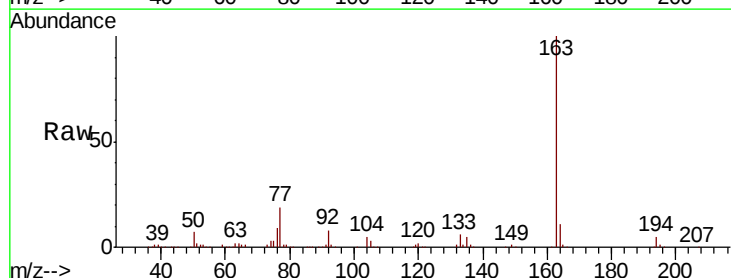
Tgt Ion:163 Resp: 686696

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

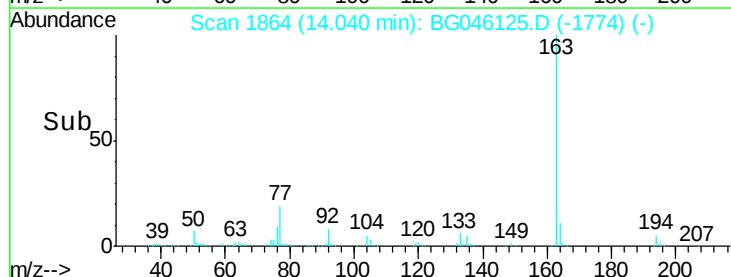
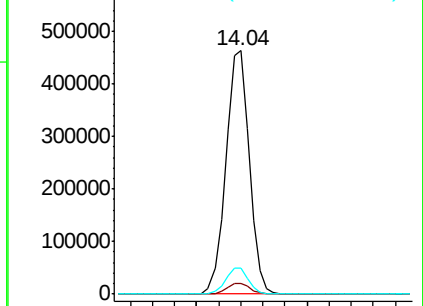
164 10.6 8.8 13.2

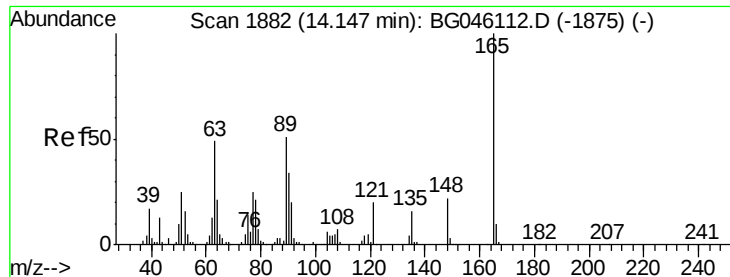


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

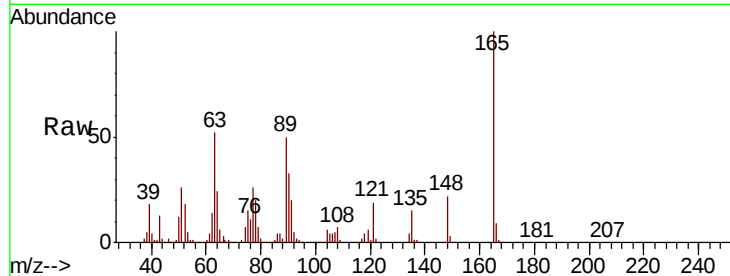




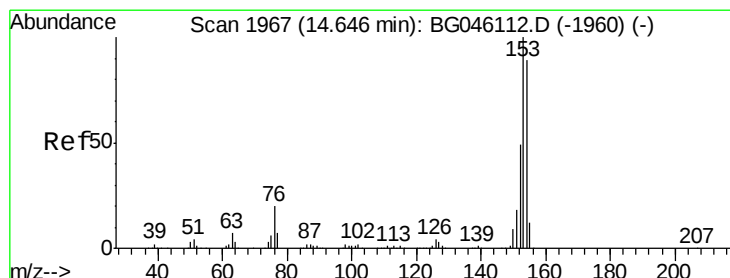
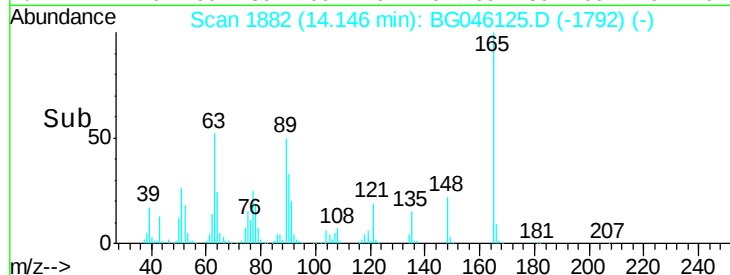
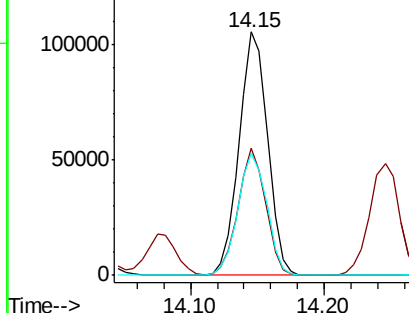
#51
 2,6-Dinitrotoluene
 Concen: 38.149 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.3	39.7	59.5
89	50.0	41.0	61.6

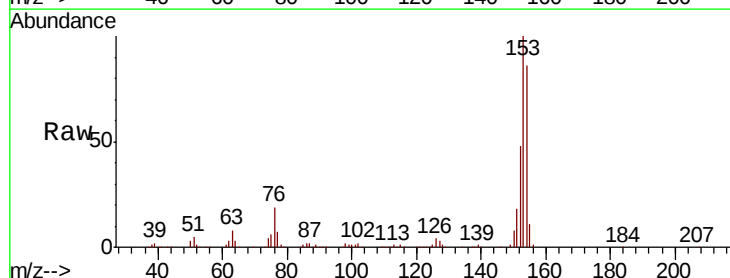


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

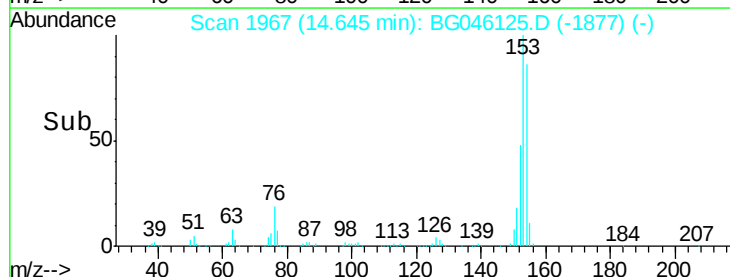
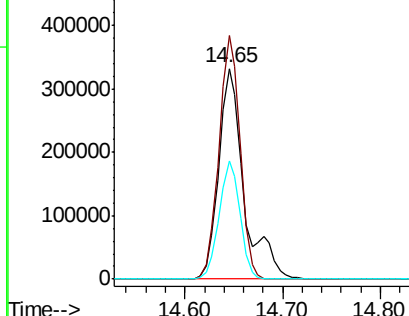


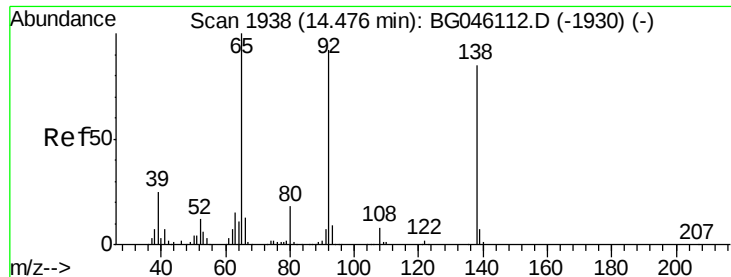
#52
 Acenaphthene
 Concen: 40.920 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.8	134.8
152	55.9	44.5	66.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

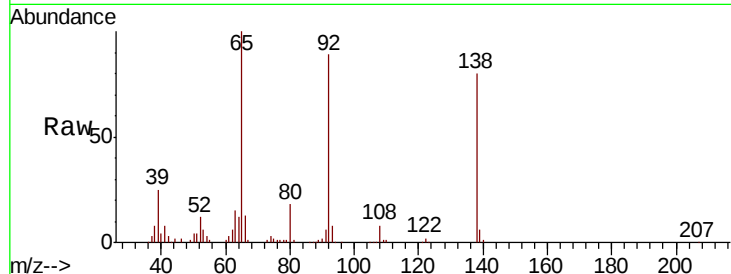




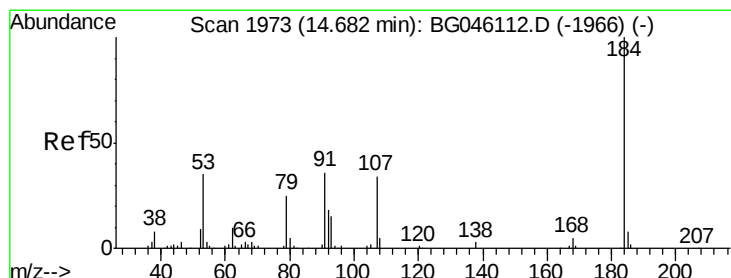
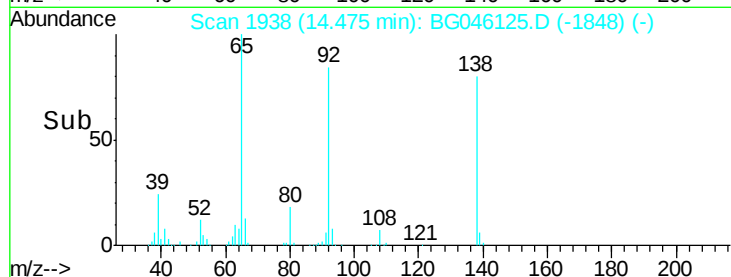
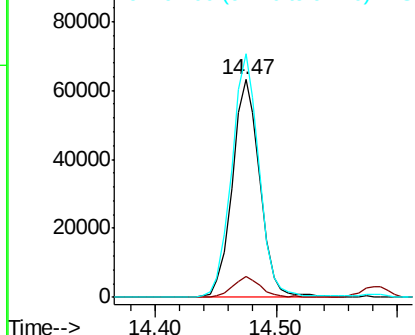
#53
3-Nitroaniline
Concen: 24.714 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion:138 Resp: 100171
Ion Ratio Lower Upper
138 100
108 9.8 7.2 10.8
92 111.7 87.5 131.3

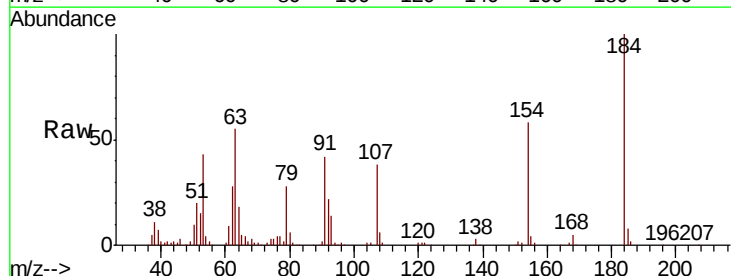


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

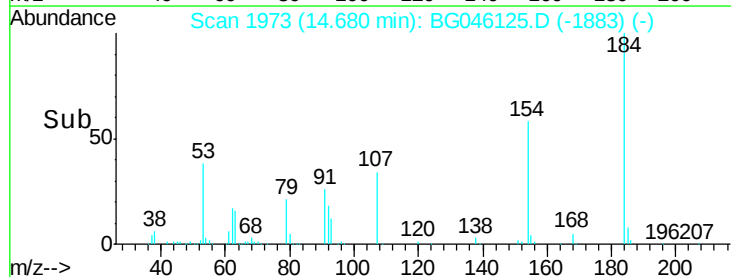
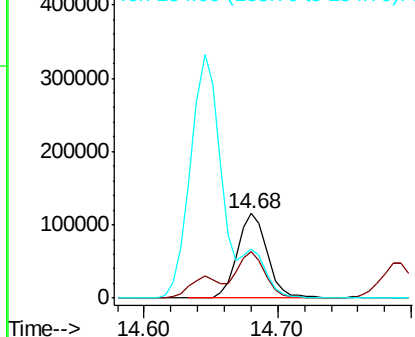


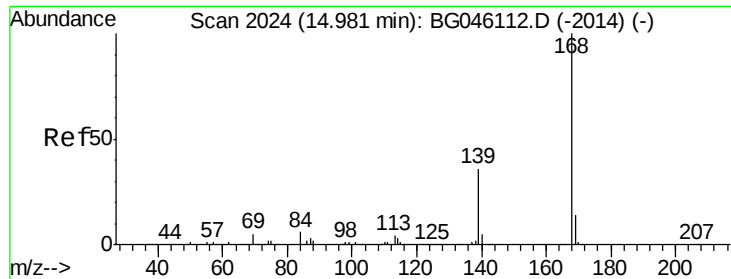
#54
2,4-Dinitrophenol
Concen: 70.020 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:184 Resp: 178863
Ion Ratio Lower Upper
184 100
63 55.4 36.7 55.1#
154 57.8 41.3 61.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

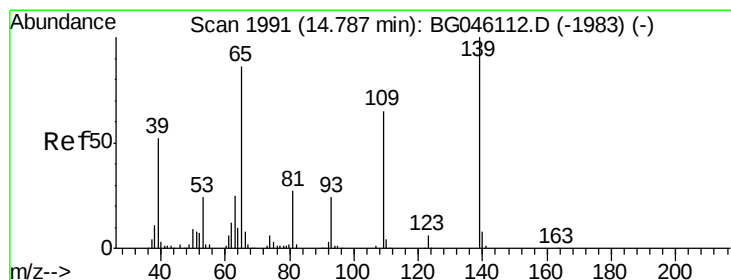
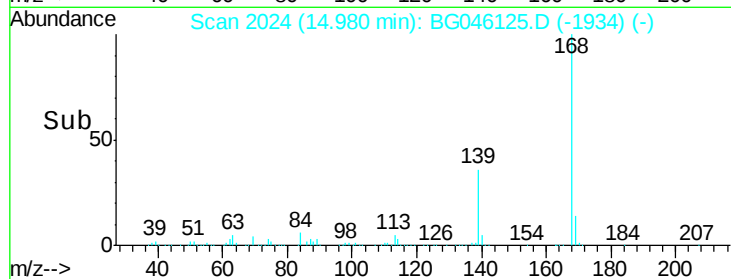
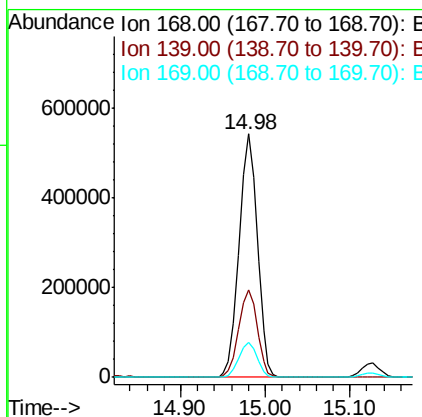
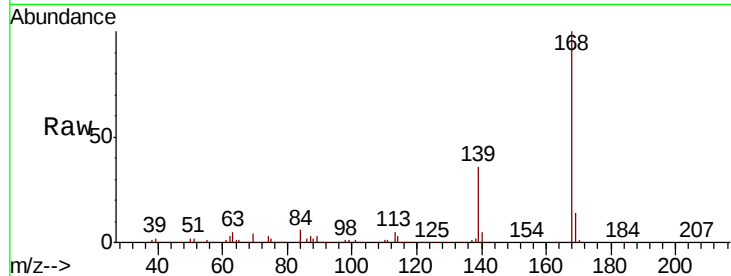




#55
Dibenzenofuran
Concen: 36.281 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

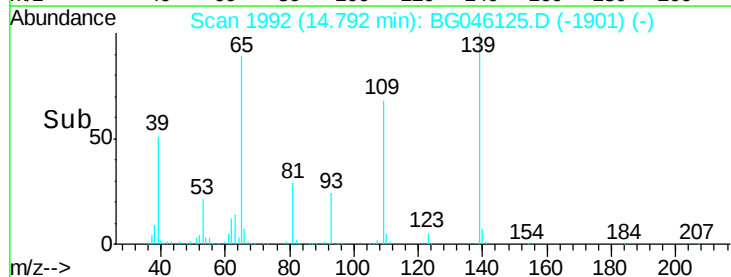
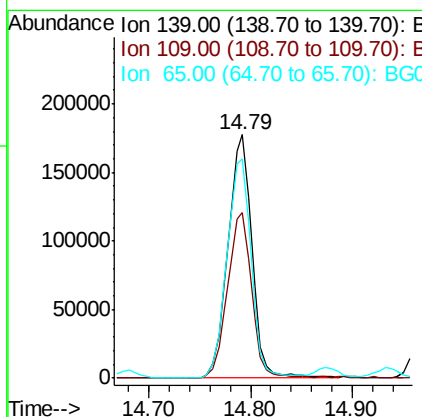
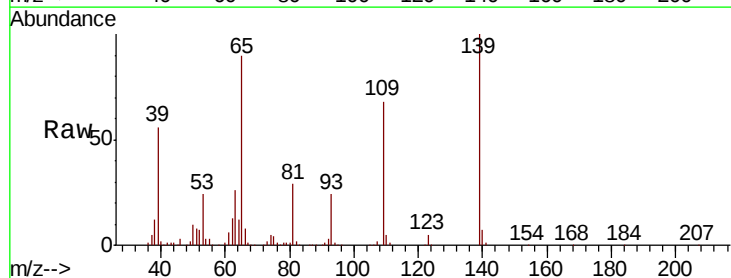
Instrument :
BNA_G
ClientSampleId :
PB130619BS

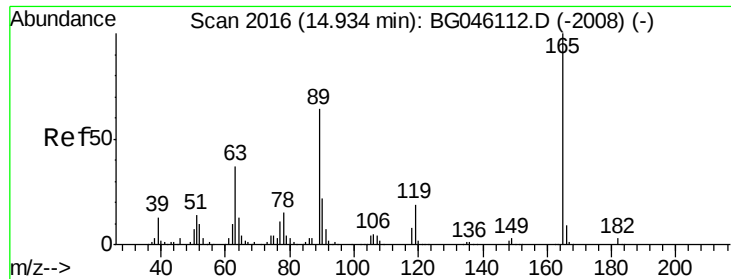
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	29.0	43.4
169	14.3	11.3	16.9



#56
4-Nitrophenol
Concen: 82.786 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.8	45.1	85.1
65	89.9	66.4	106.4

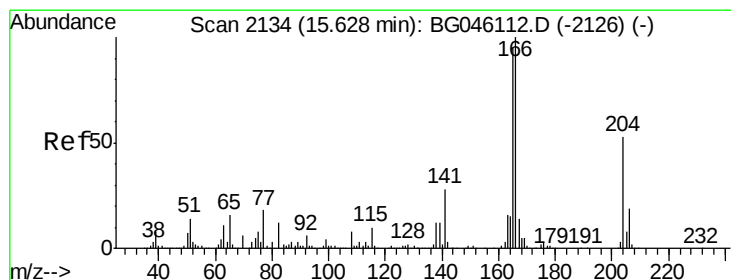
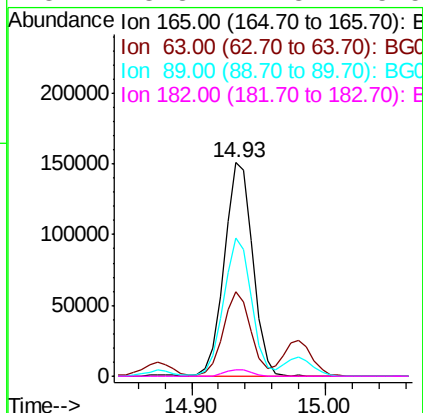
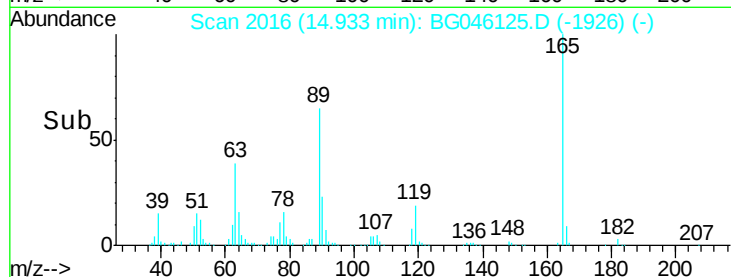
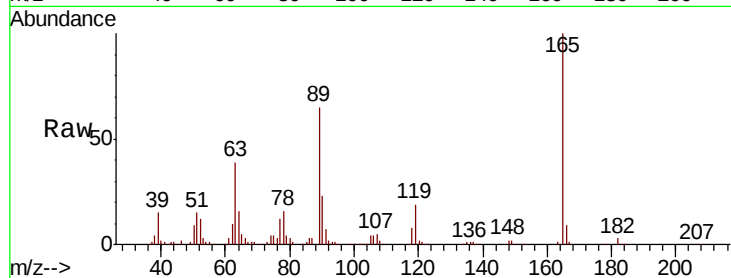




#57
2,4-Dinitrotoluene
Concen: 40.113 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

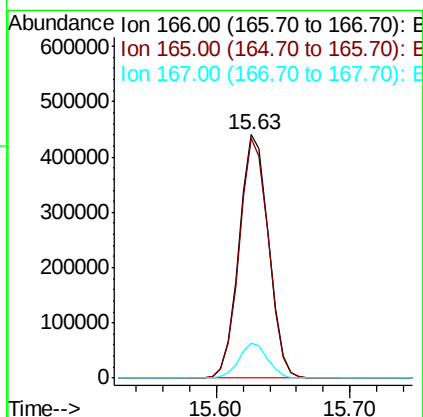
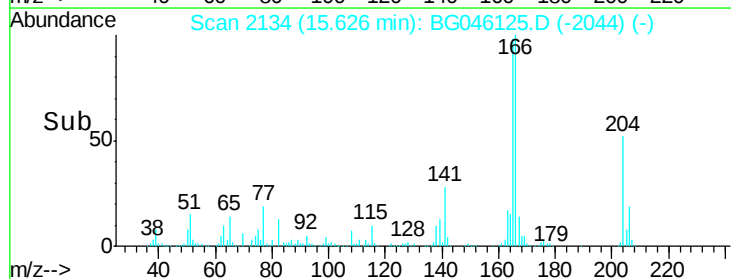
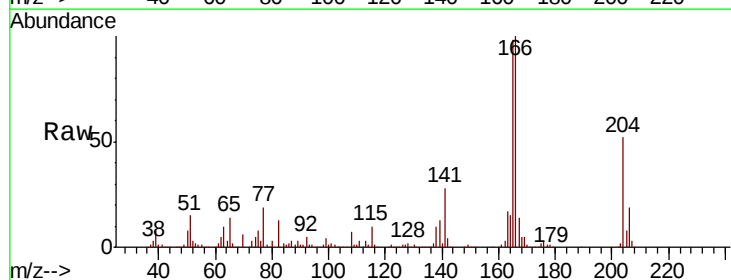
Instrument :
BNA_G
ClientSampleId :
PB130619BS

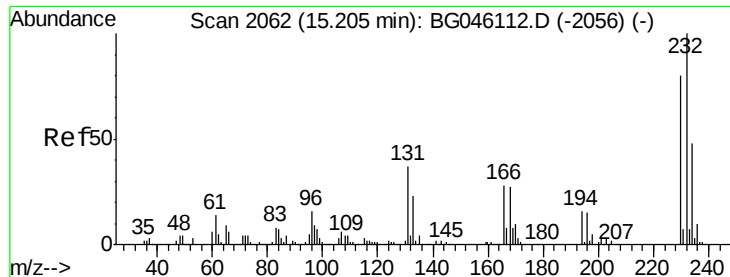
Tot Ion:165 Resp: 225479
Ion Ratio Lower Upper
165 100
63 39.5 30.1 45.1
89 64.7 51.4 77.2
182 3.3 2.3 3.5



#58
Fluorene
Concen: 37.292 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:166 Resp: 668857
Ion Ratio Lower Upper
166 100
165 98.3 76.3 114.5
167 14.4 11.0 16.6

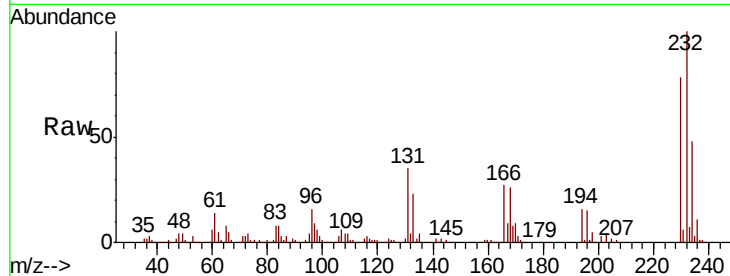




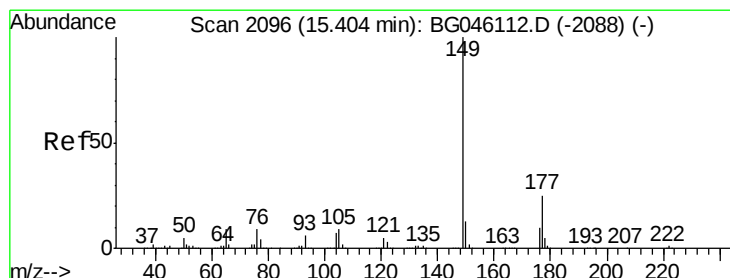
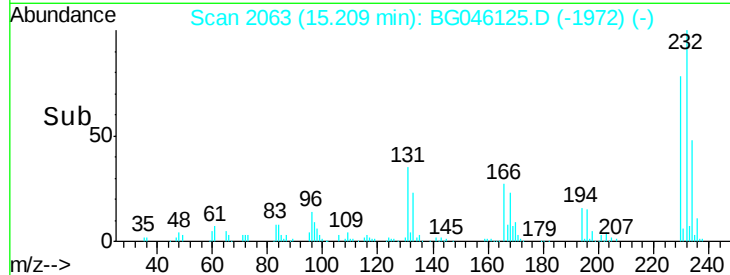
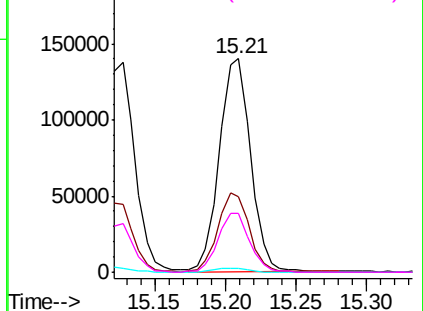
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.807 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

Tot Ion:	232	Resp:	215244
Ion	Ratio	Lower	Upper
232	100		
131	37.8	28.6	42.8
130	2.1	1.6	2.4
166	28.4	22.5	33.7

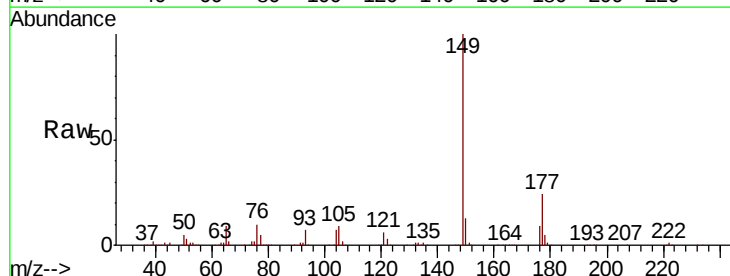


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

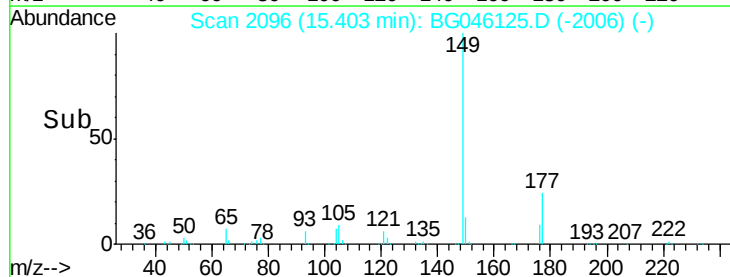
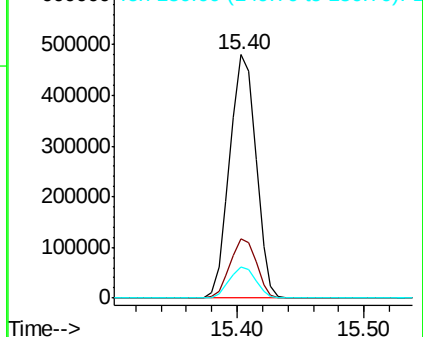


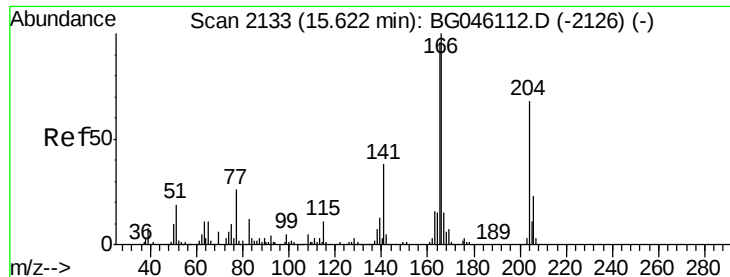
#60
 Diethylphthalate
 Concen: 39.945 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion:	149	Resp:	690290
Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.7	29.5
150	12.8	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

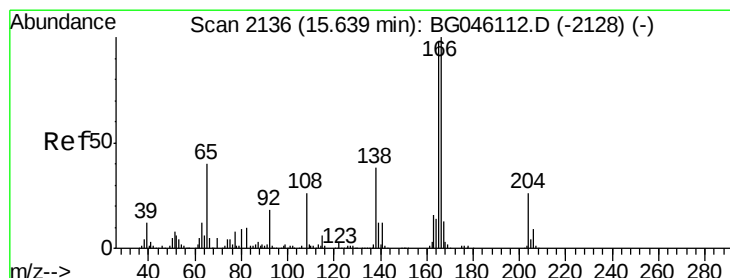
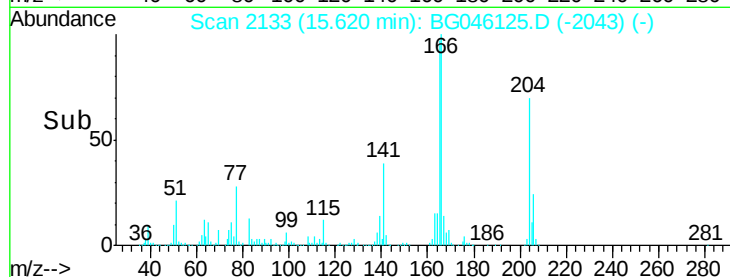
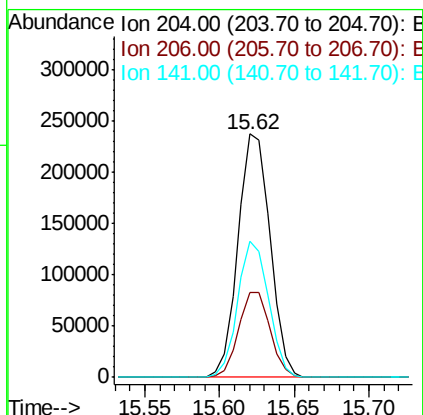
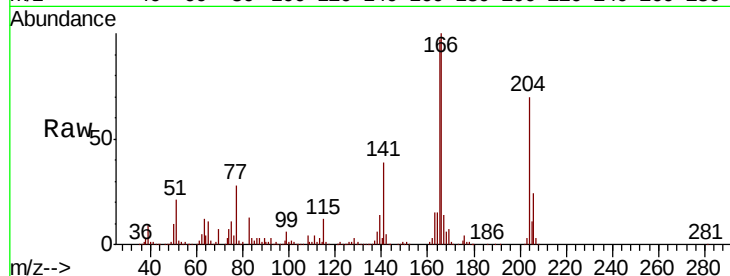




#61
4-Chlorophenyl-phenylether
Concen: 37.673 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

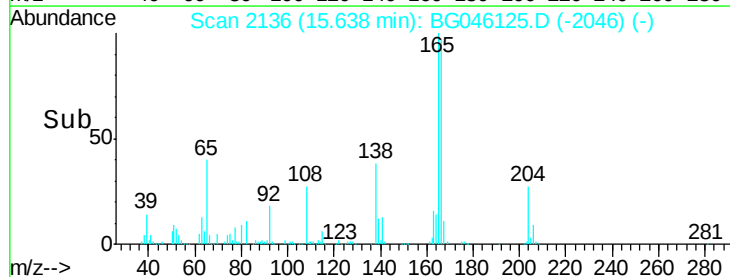
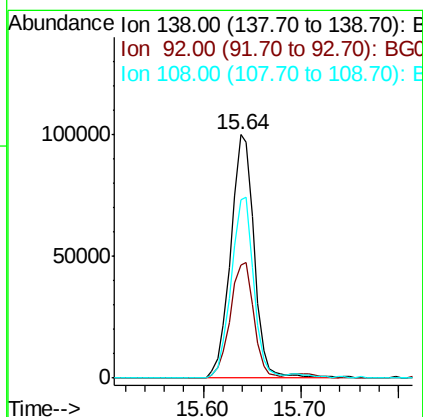
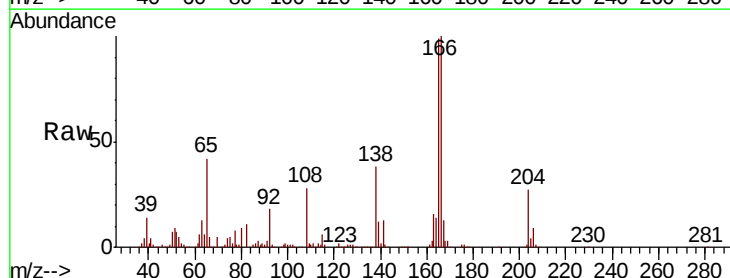
Instrument :
BNA_G
ClientSampleId :
PB130619BS

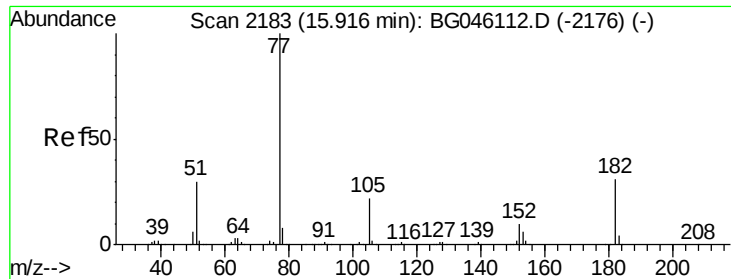
Tot Ion:204 Resp: 352913
Ion Ratio Lower Upper
204 100
206 35.0 27.7 41.5
141 55.7 44.7 67.1



#62
4-Nitroaniline
Concen: 40.996 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:138 Resp: 167116
Ion Ratio Lower Upper
138 100
92 46.6 28.3 68.3
108 73.5 49.2 89.2

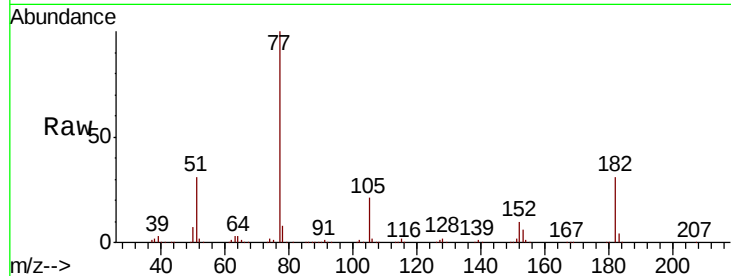




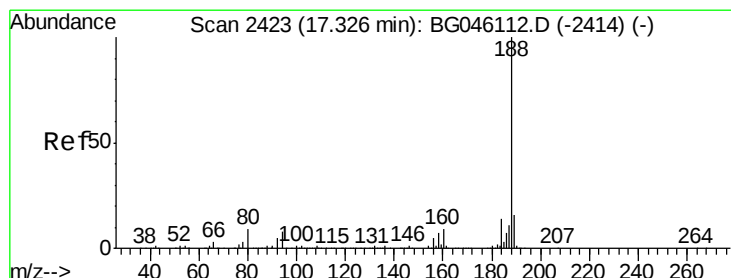
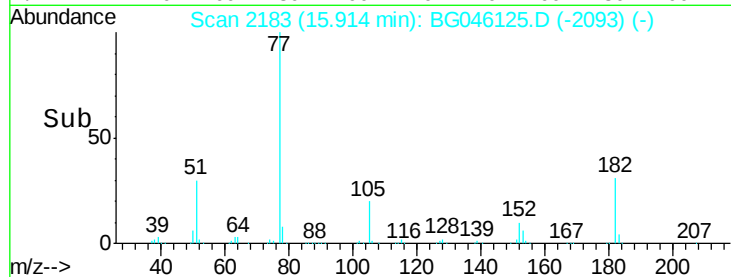
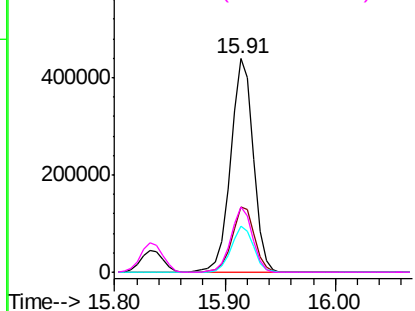
#63
Azobenzene
Concen: 38.892 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion: 77 Resp: 629881
Ion Ratio Lower Upper
77 100
182 30.6 10.7 50.7
105 21.4 1.9 41.9
51 30.6 9.5 49.5

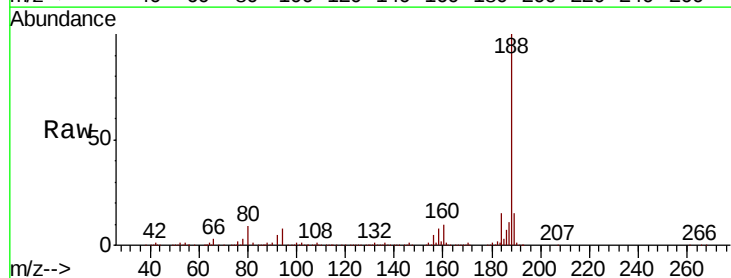


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

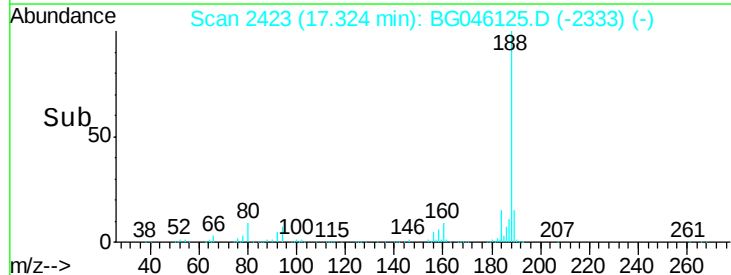
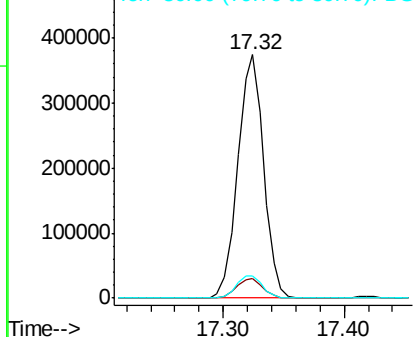


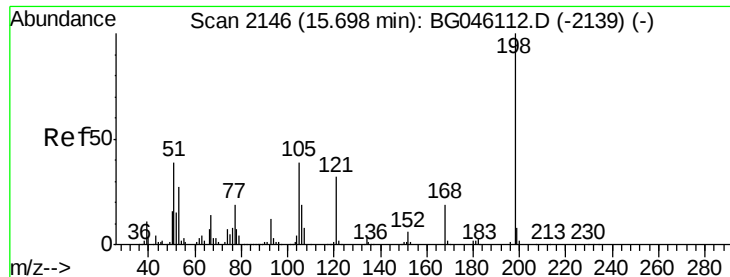
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion: 188 Resp: 555857
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.1 7.4 11.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 37.710 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

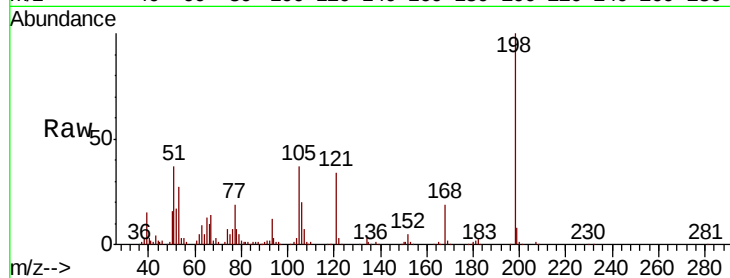
BNA_G

ClientSampleId :

PB130619BS

Tot Ion:198 Resp: 138627

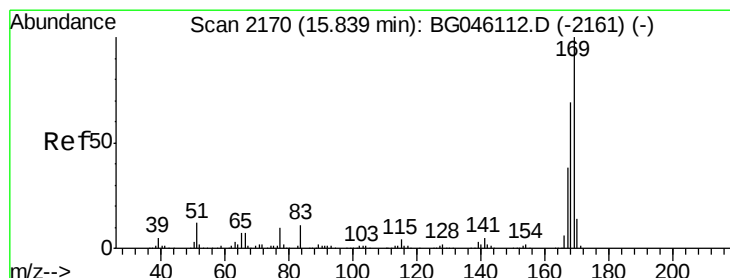
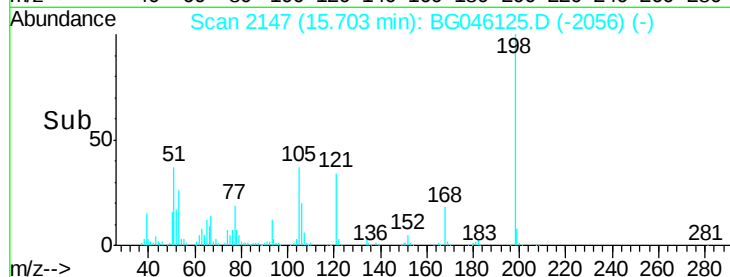
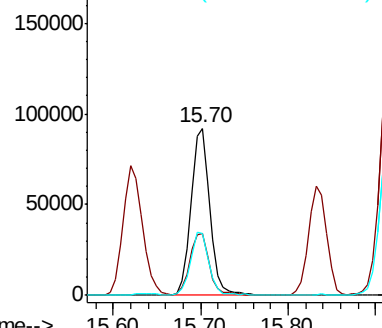
Ion	Ratio	Lower	Upper
198	100		
51	36.9	20.1	60.1
105	36.8	19.2	59.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.464 ng

RT: 15.83 min Scan# 2169

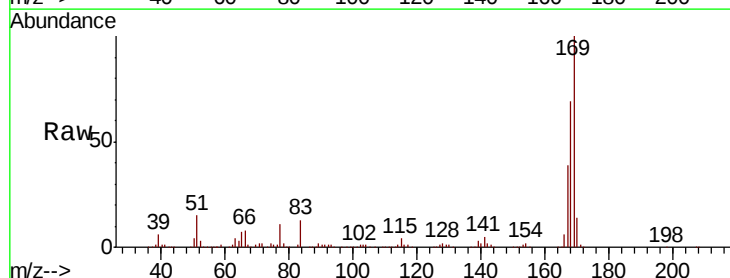
Delta R.T. -0.01 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion:169 Resp: 613532

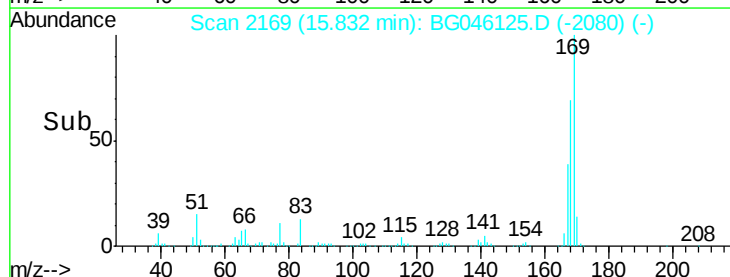
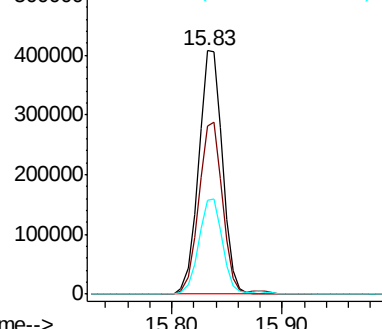
Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.1	82.7
167	38.5	30.5	45.7

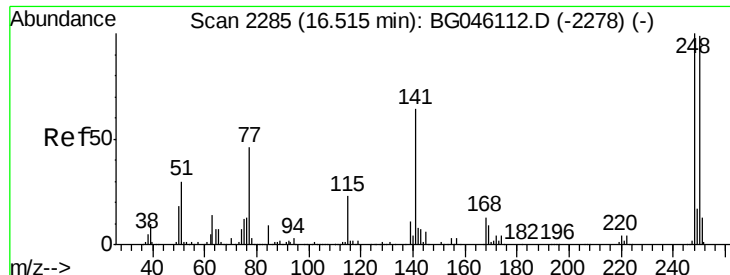


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

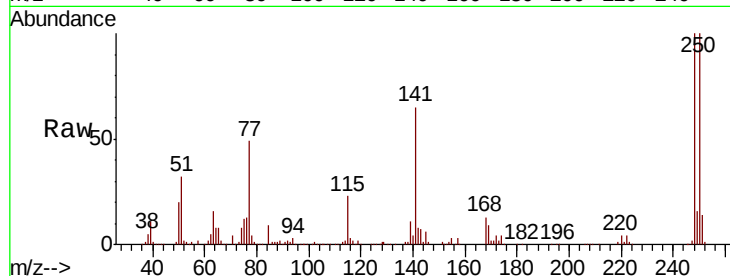




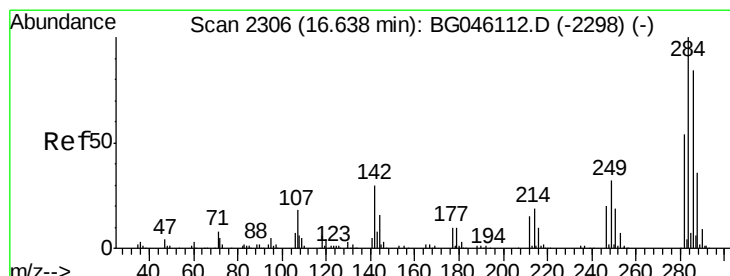
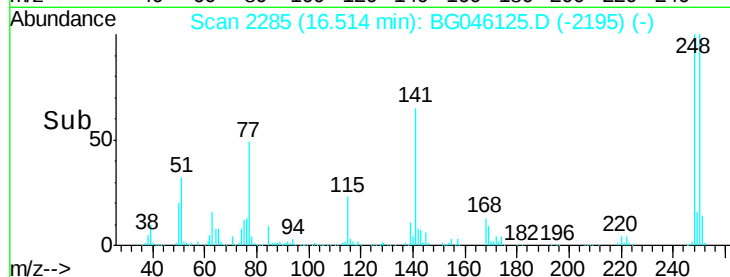
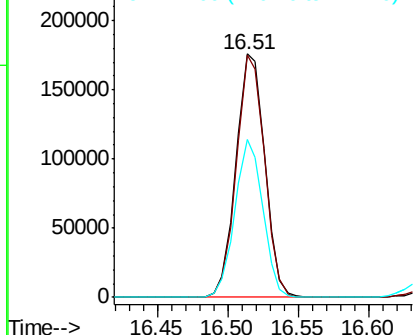
#67
4-Bromophenyl-phenylether
Concen: 36.389 ng
RT: 16.51 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion:248 Resp: 249887
Ion Ratio Lower Upper
248 100
250 99.7 79.4 119.0
141 64.6 50.9 76.3

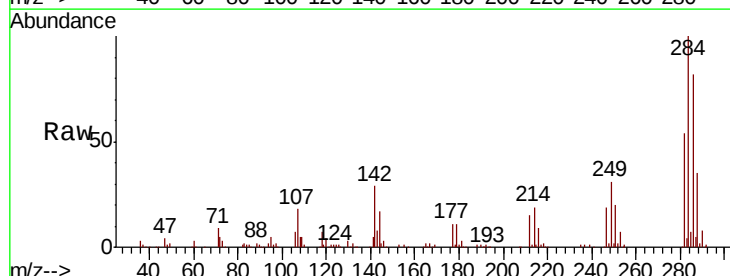


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

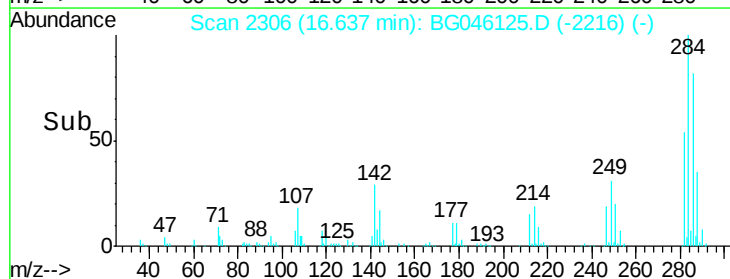
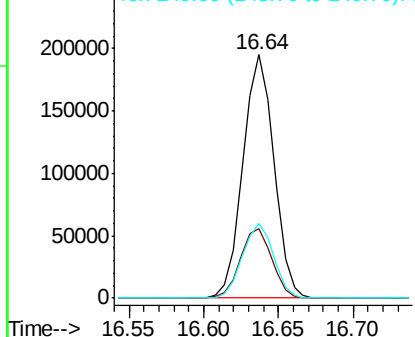


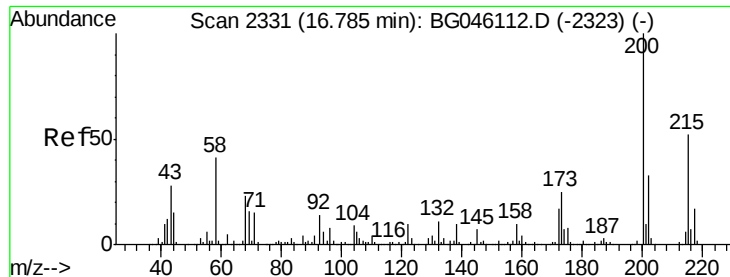
#68
Hexachlorobenzene
Concen: 36.305 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:284 Resp: 279560
Ion Ratio Lower Upper
284 100
142 28.8 23.6 35.4
249 30.8 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: 35.197 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

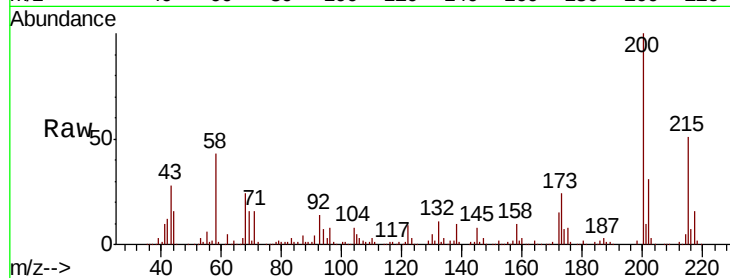
Tot Ion:200 Resp: 228044

Ion Ratio Lower Upper

200 100

173 23.8 5.3 45.3

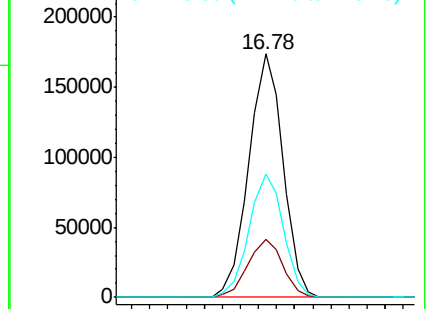
215 50.8 31.5 71.5



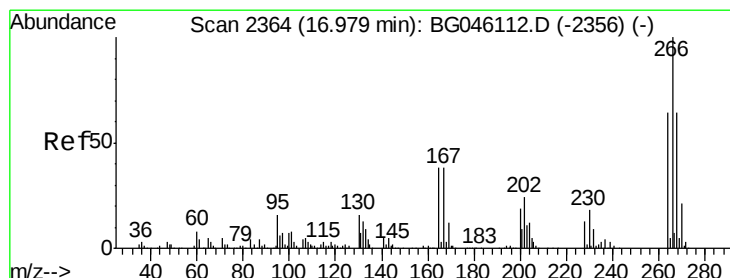
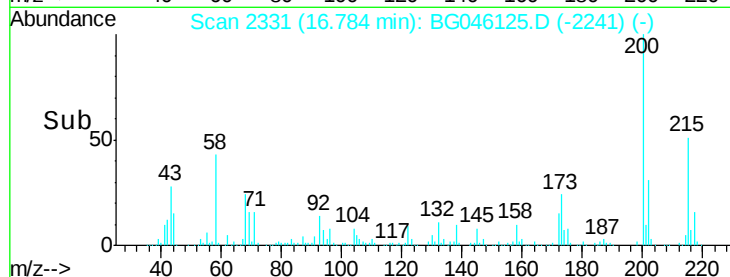
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#70

Pentachlorophenol

Concen: 78.042 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

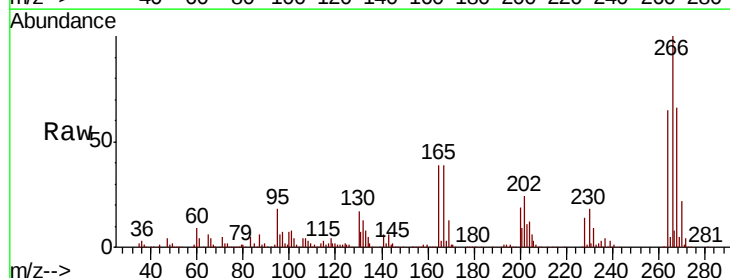
Tgt Ion:266 Resp: 389916

Ion Ratio Lower Upper

266 100

268 66.0 51.2 76.8

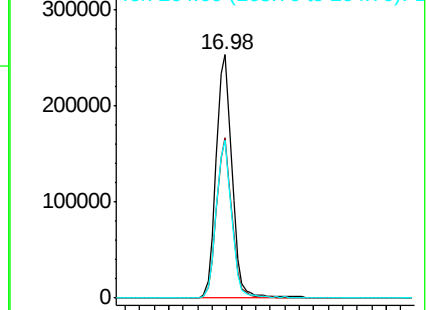
264 65.1 51.1 76.7



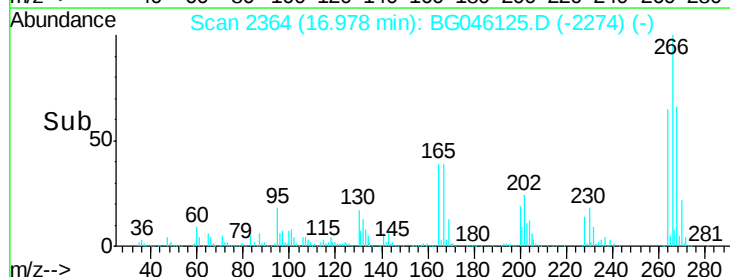
Abundance Ion 265.70 (265.40 to 266.40): E

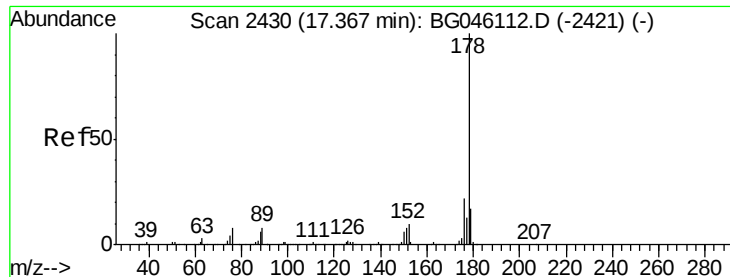
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->

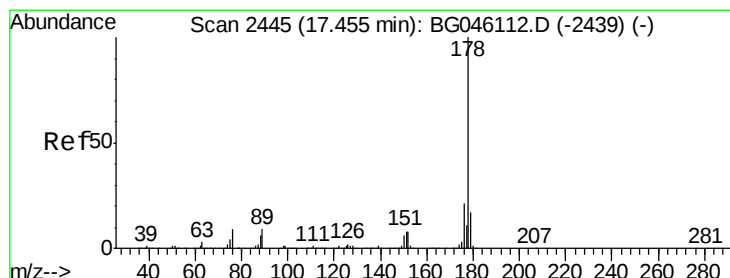
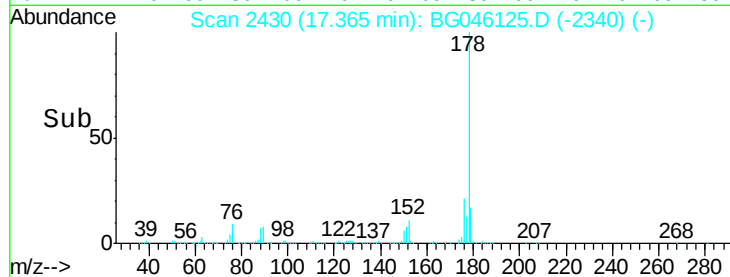
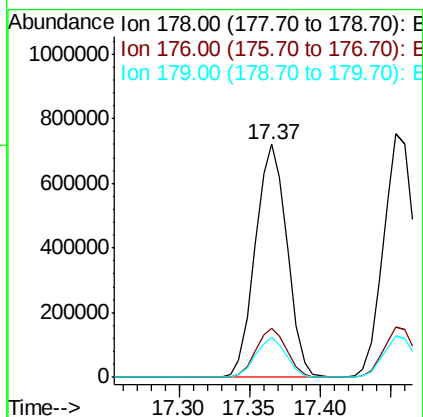
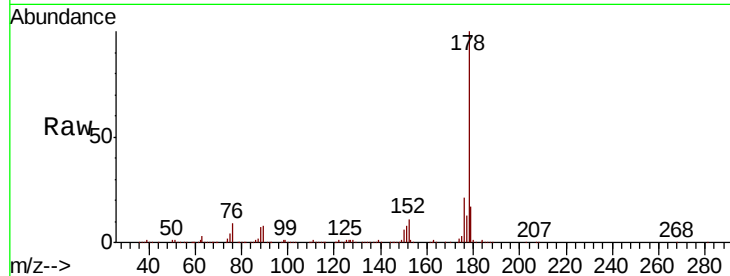




#71
Phenanthrene
Concen: 37.449 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

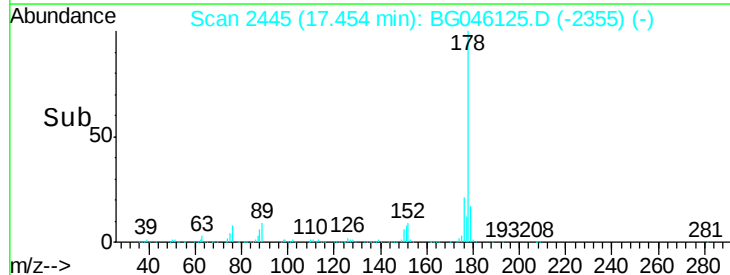
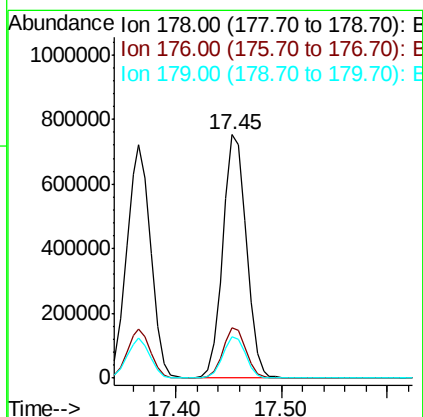
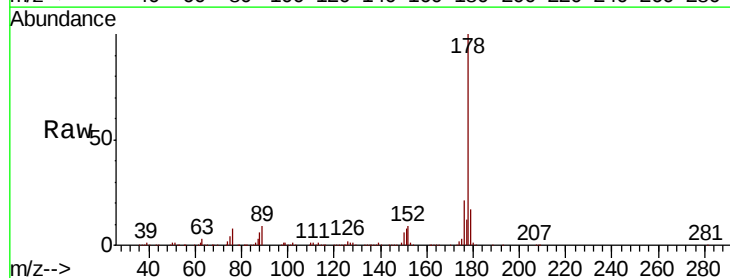
Instrument :
BNA_G
ClientSampleId :
PB130619BS

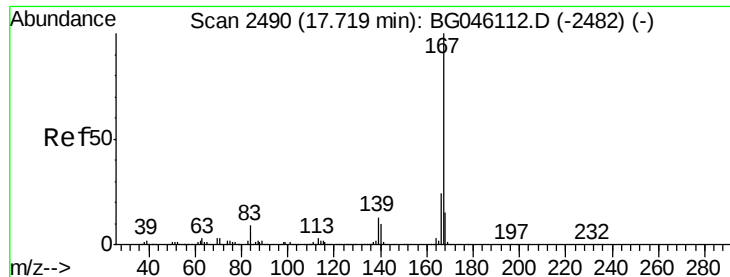
Tot Ion:178 Resp: 1140272
Ion Ratio Lower Upper
178 100
176 21.3 17.3 25.9
179 16.9 13.8 20.6



#72
Anthracene
Concen: 38.417 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:178 Resp: 1163536
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 17.2 13.4 20.2





#73

Carbazole

Concen: 37.951 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

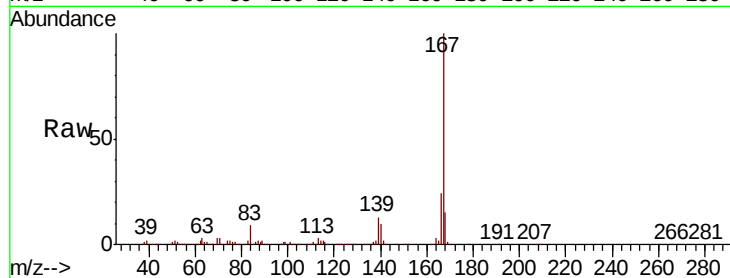
Tot Ion:167 Resp: 1108348

Ion Ratio Lower Upper

167 100

166 24.0 19.4 29.0

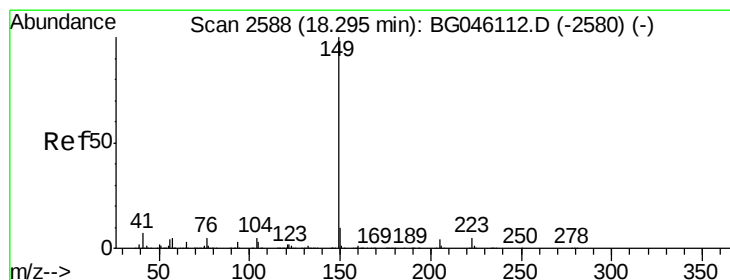
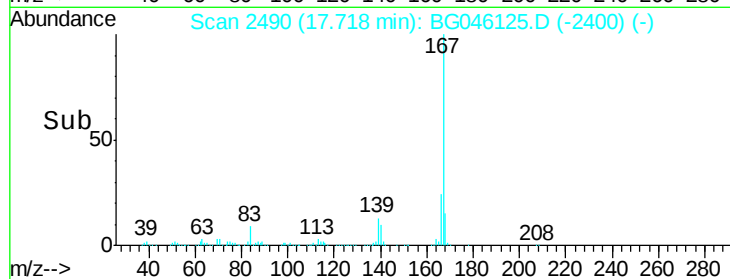
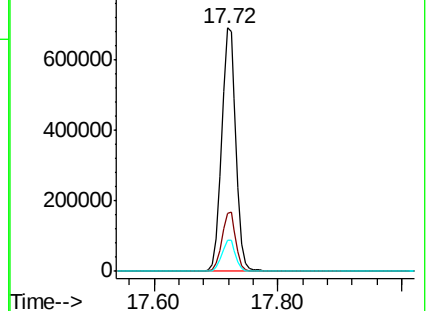
139 12.9 10.1 15.1



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



#74

Di-n-butylphthalate

Concen: 41.729 ng

RT: 18.29 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

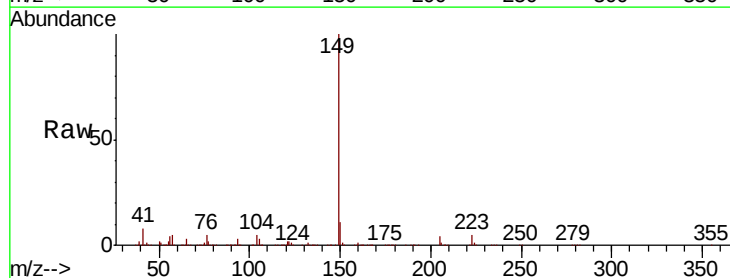
Tgt Ion:149 Resp: 1273850

Ion Ratio Lower Upper

149 100

150 10.6 8.4 12.6

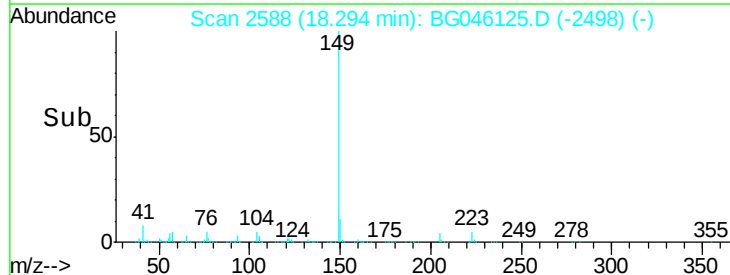
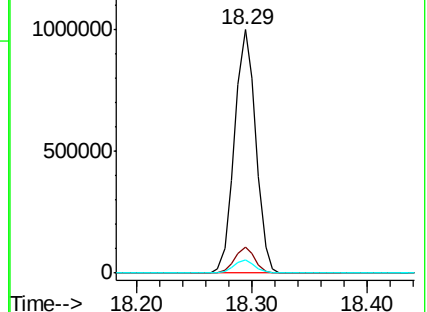
104 5.5 4.2 6.2

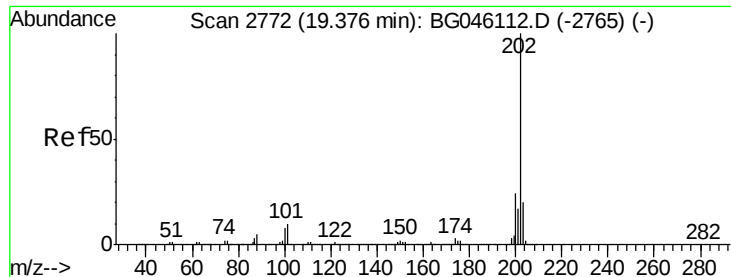


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.772 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

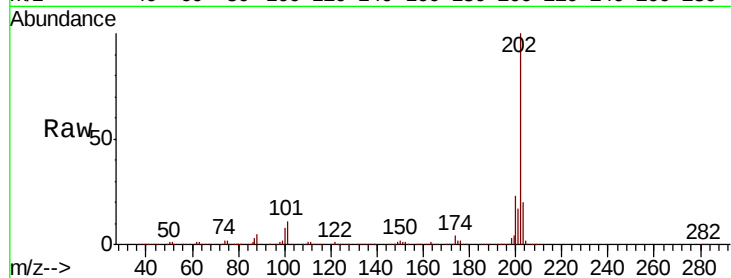
Tot Ion:202 Resp: 1511907

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.0

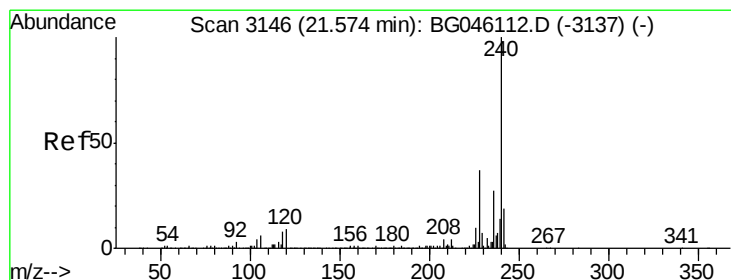
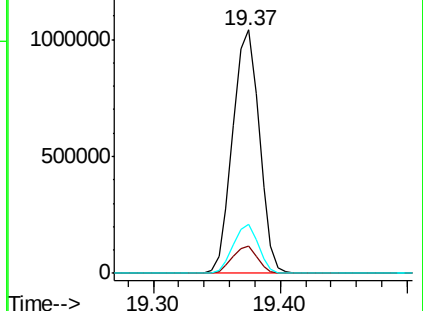
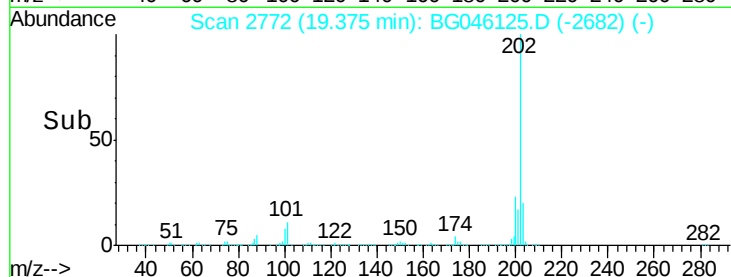
203 20.0 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

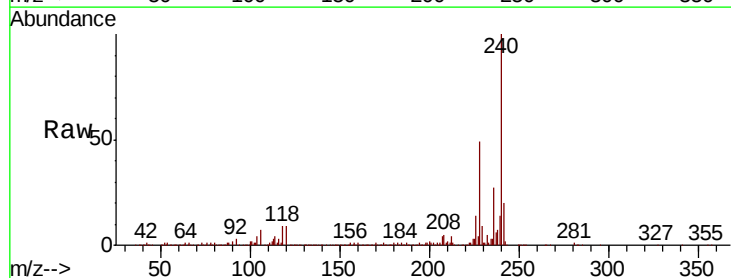
Tgt Ion:240 Resp: 615531

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

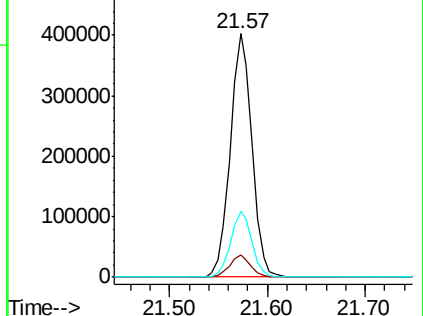
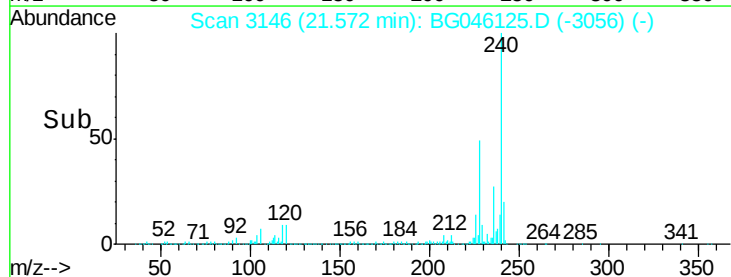
236 27.0 21.7 32.5

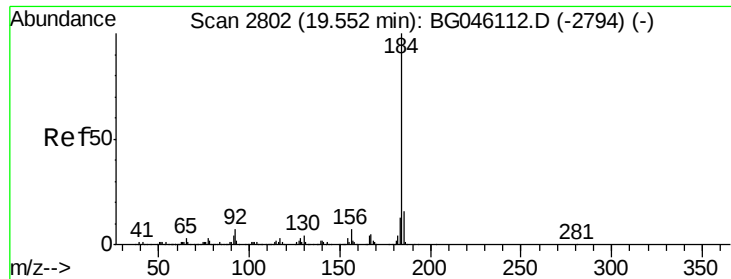


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.535 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

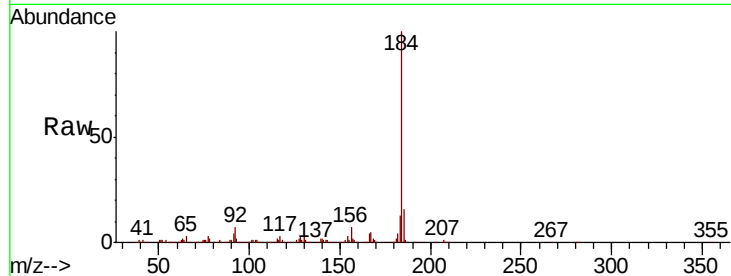
Tot Ion:184 Resp: 671871

Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.4

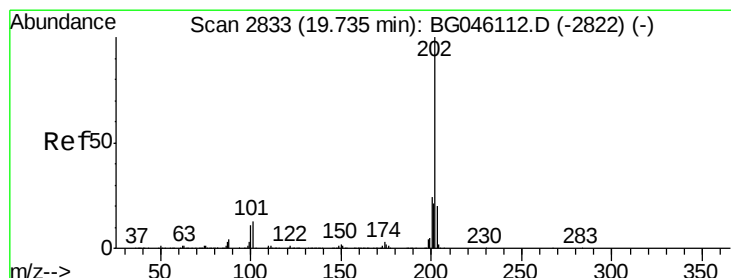
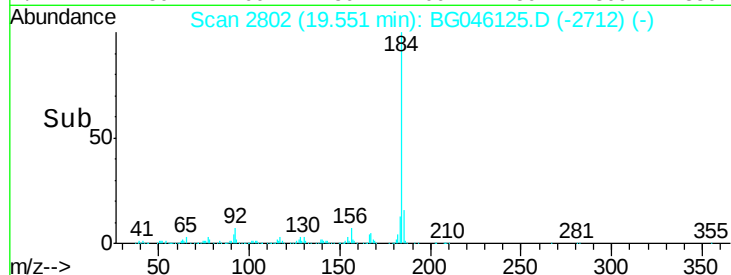
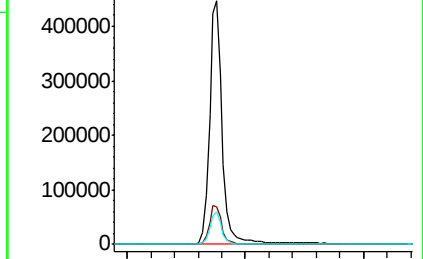
183 13.2 10.5 15.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.796 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

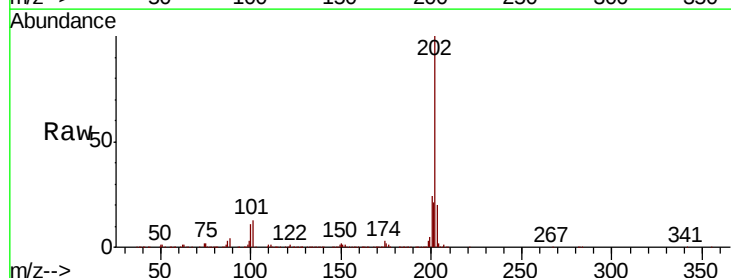
Tgt Ion:202 Resp: 1521784

Ion Ratio Lower Upper

202 100

200 24.3 19.5 29.3

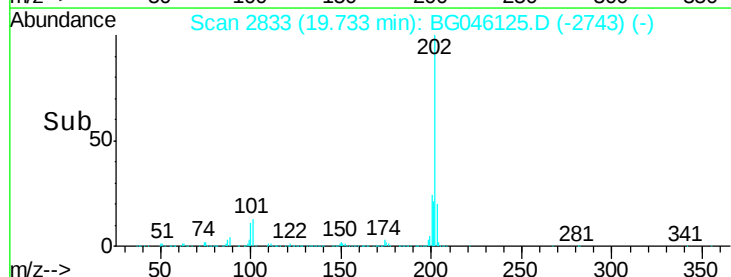
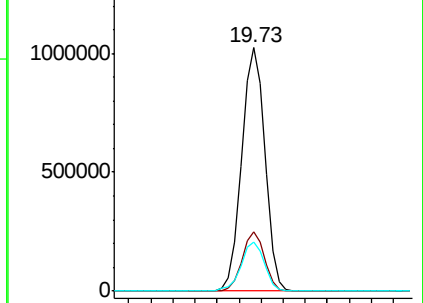
203 20.4 16.2 24.2

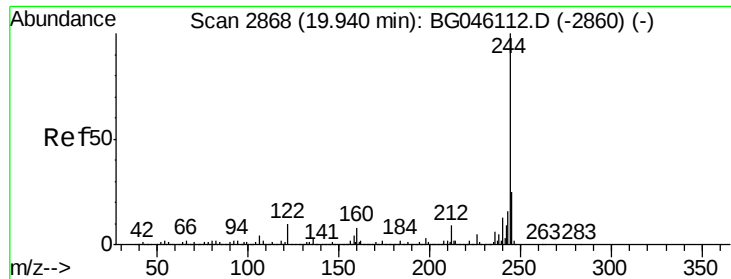


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.735 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

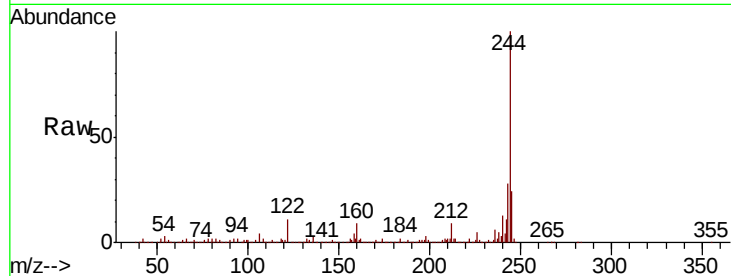
Tot Ion:244 Resp: 1896047

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

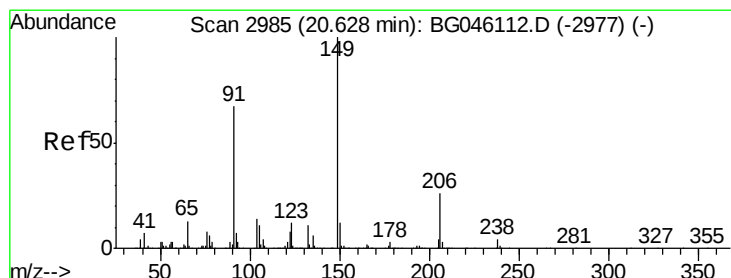
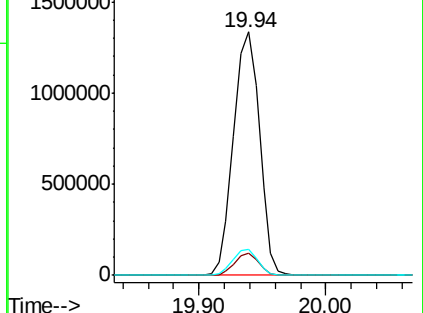
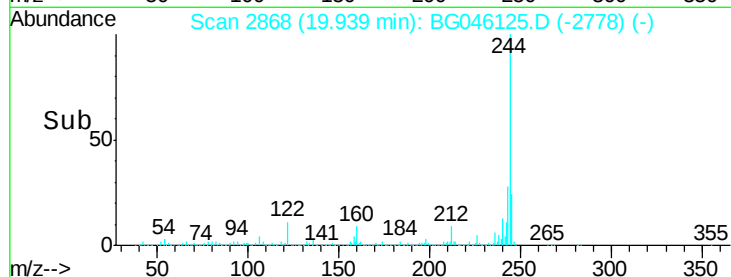
122 10.7 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.541 ng

RT: 20.63 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

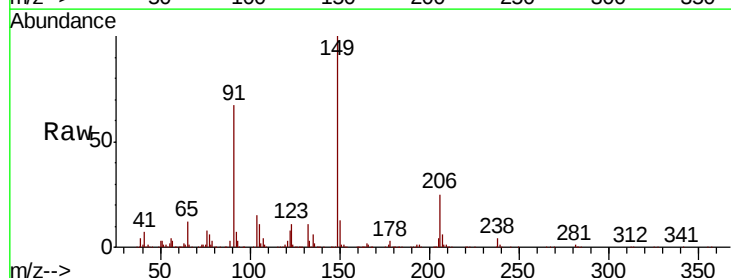
Tgt Ion:149 Resp: 622348

Ion Ratio Lower Upper

149 100

91 67.0 53.8 80.8

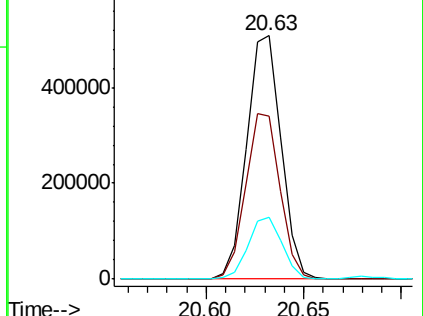
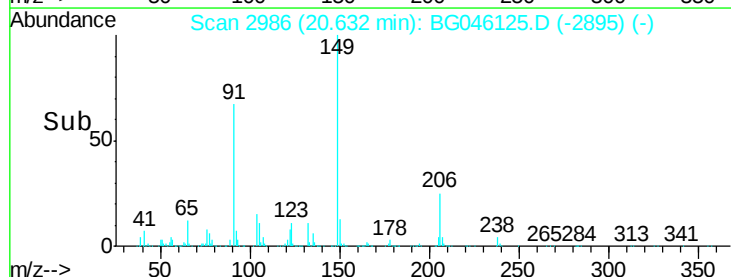
206 25.4 20.4 30.6

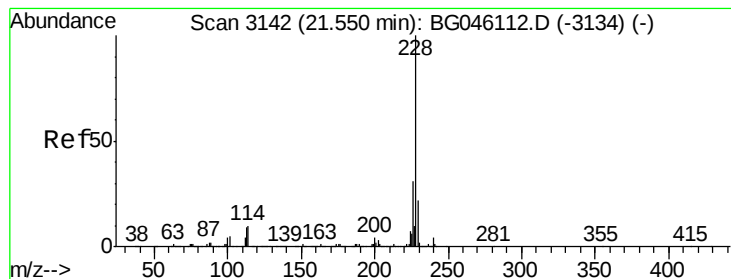


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.067 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

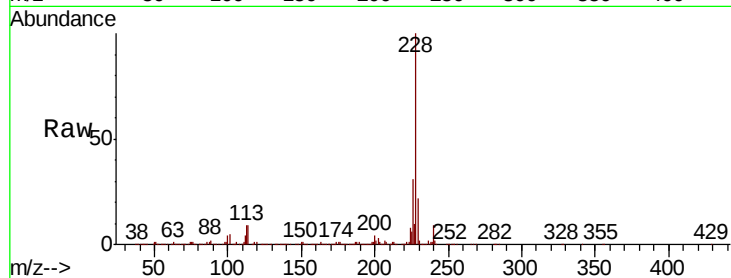
Tot Ion:228 Resp: 1526854

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

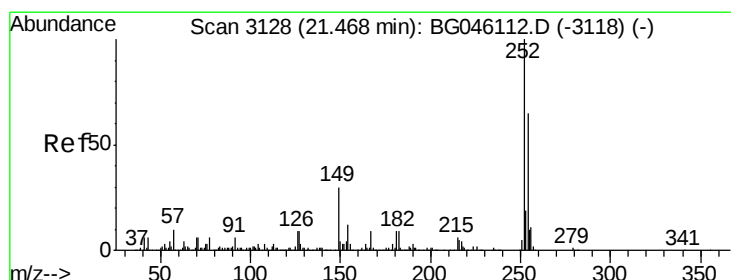
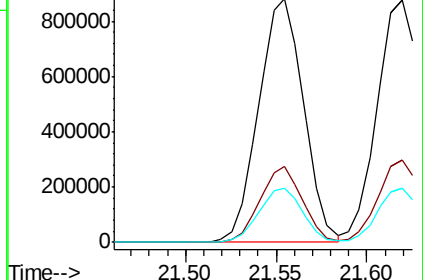
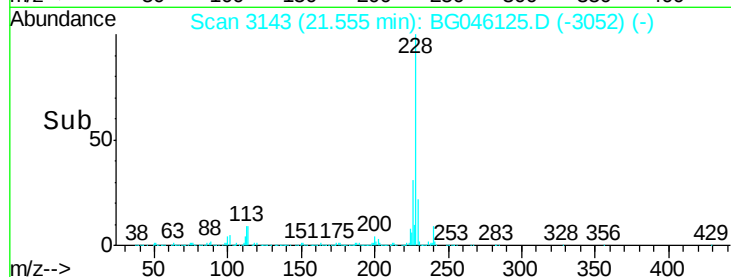
229 22.5 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.895 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

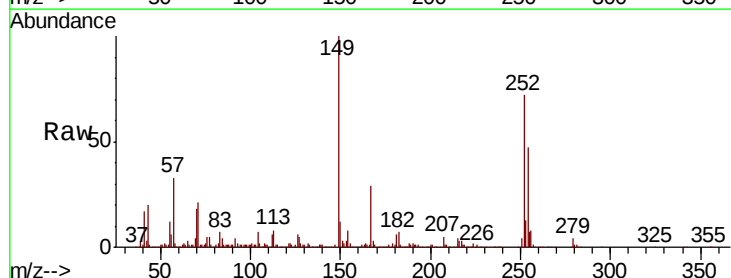
Tgt Ion:252 Resp: 357424

Ion Ratio Lower Upper

252 100

254 66.0 51.8 77.8

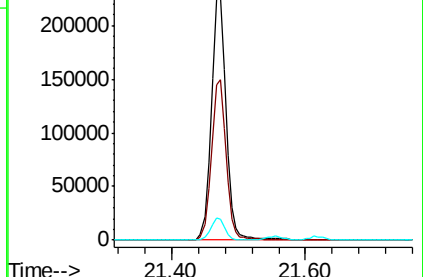
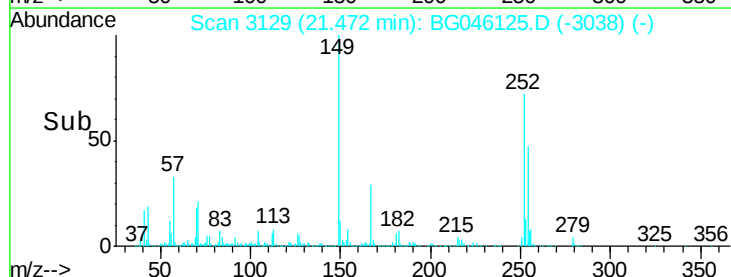
126 8.4 7.1 10.7

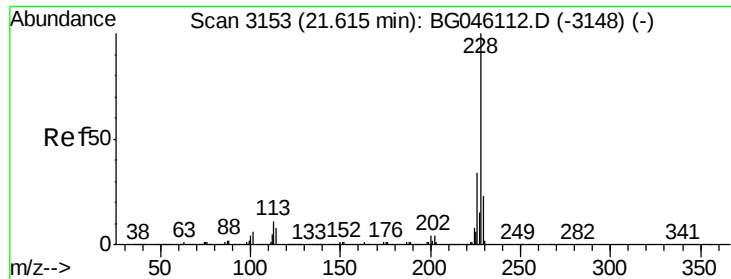


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.662 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

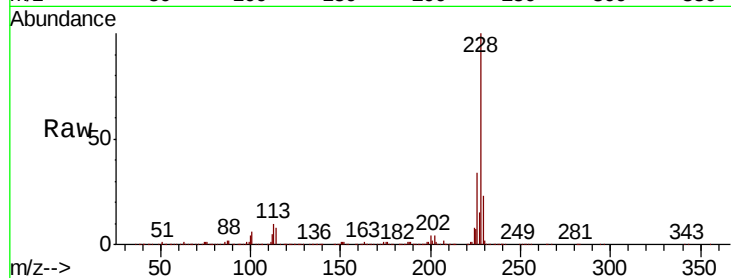
BNA_G

ClientSampleId :

PB130619BS

Tot Ion:228 Resp: 1479347

Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.9	40.3
229	22.5	18.2	27.4

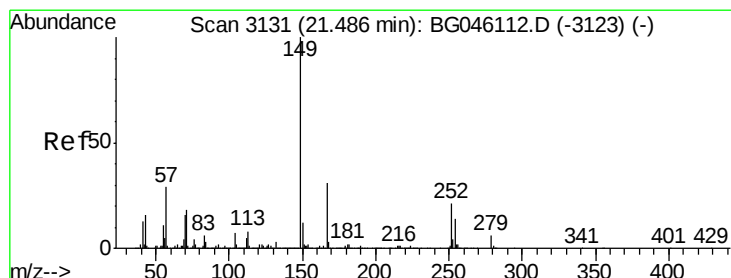
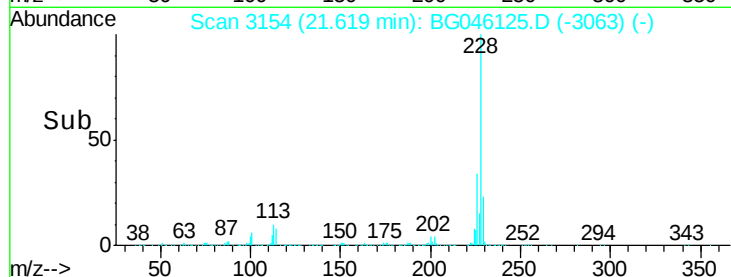
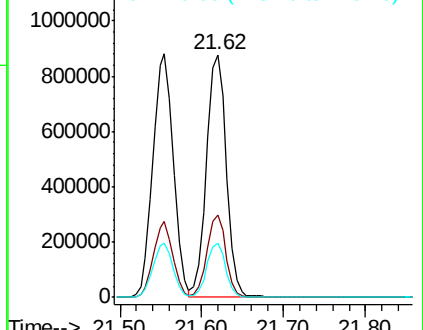


Abundance

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: 40.475 ng

RT: 21.48 min Scan# 3131

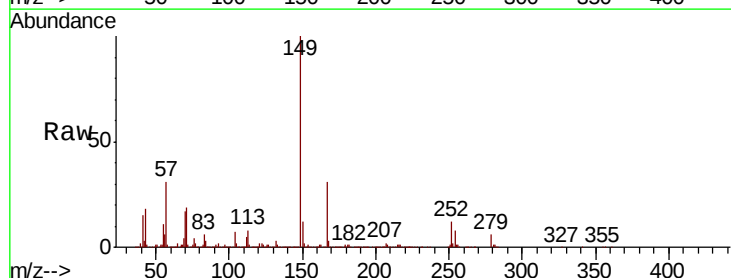
Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion:149 Resp: 866939

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.8	37.2
279	5.7	4.6	6.8

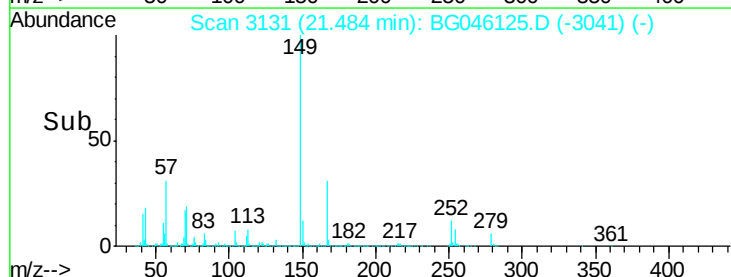
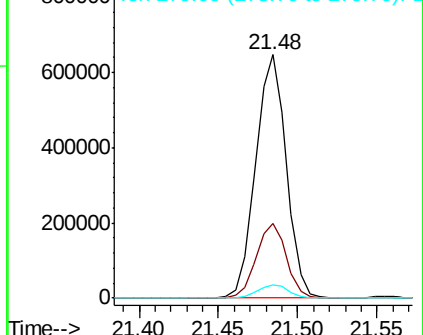


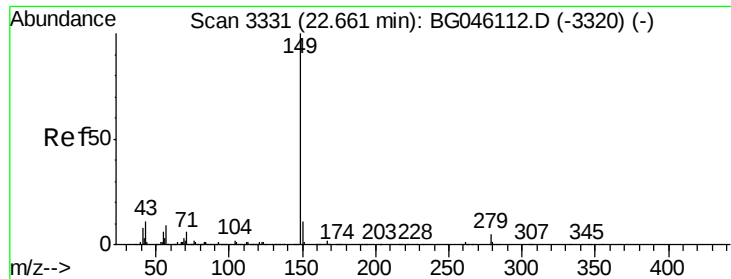
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.741 ng

RT: 22.66 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

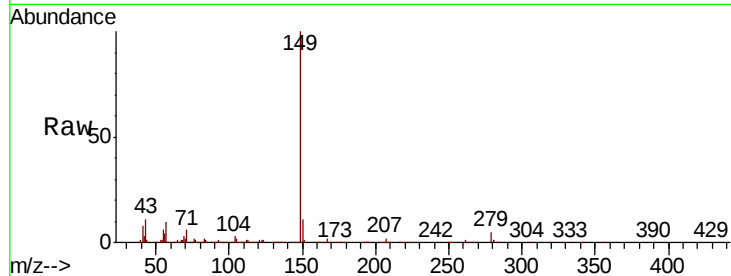
Tot Ion:149 Resp: 1477484

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

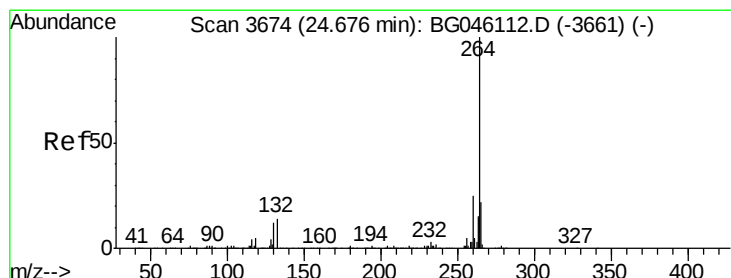
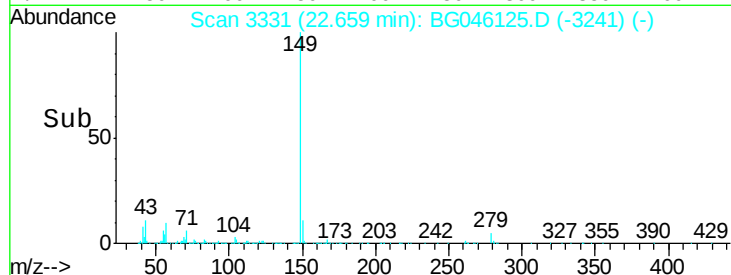
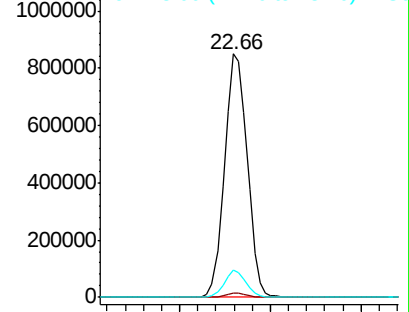
43 10.5 7.8 11.8



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): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

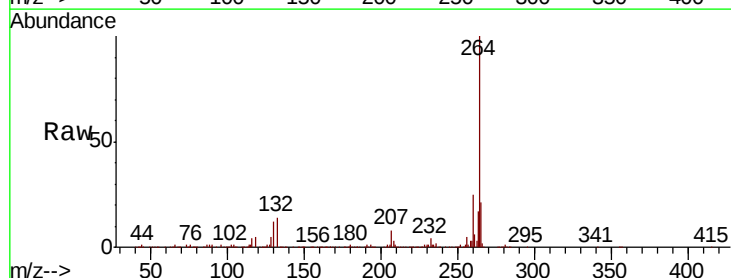
Tgt Ion:264 Resp: 654852

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

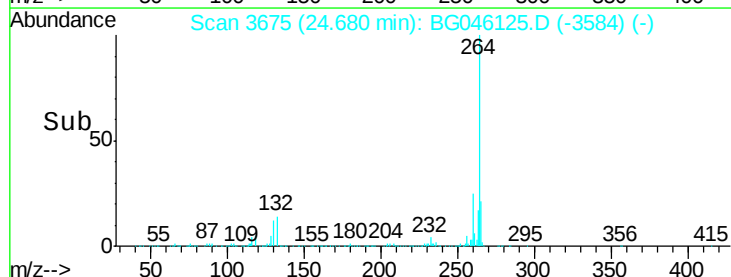
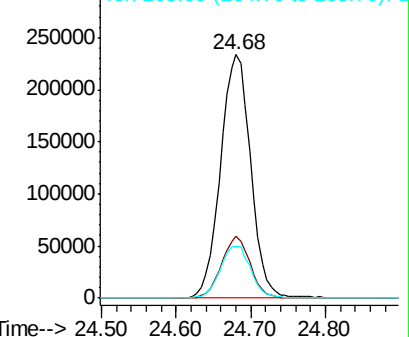
265 21.1 17.6 26.4

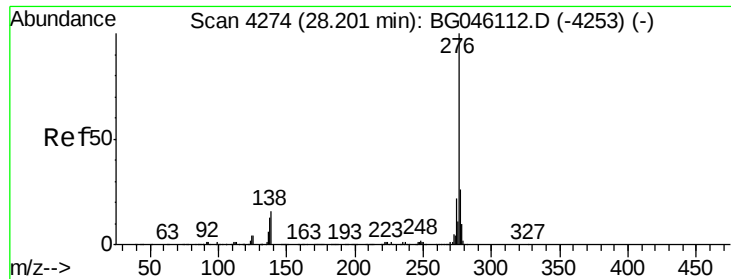


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

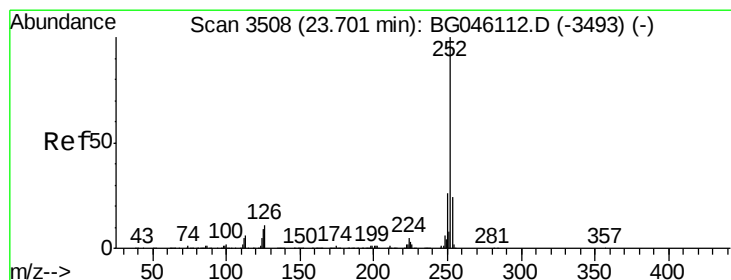
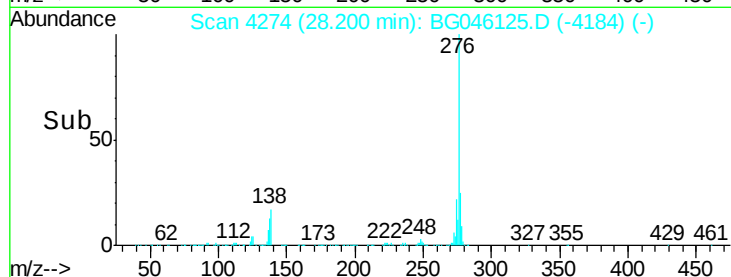
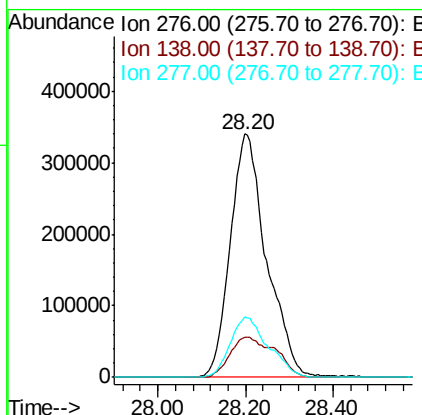
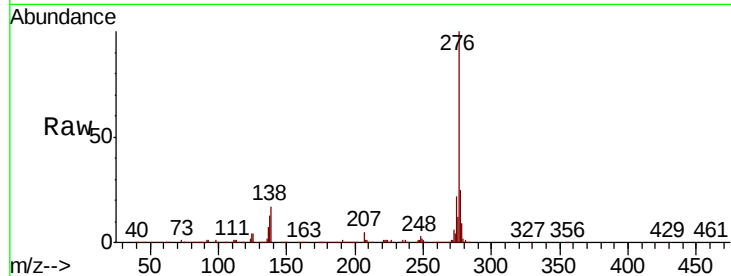




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.407 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

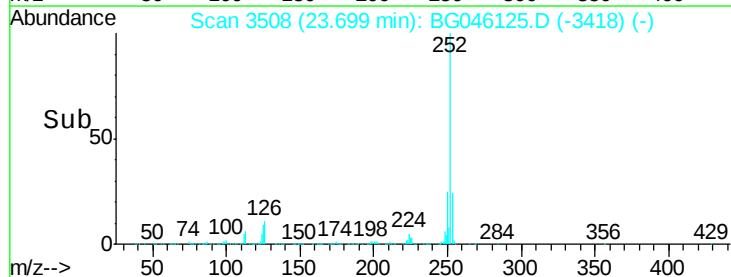
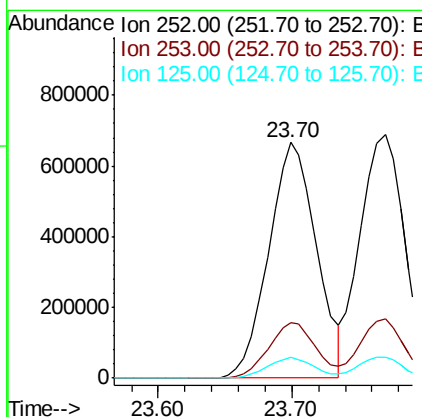
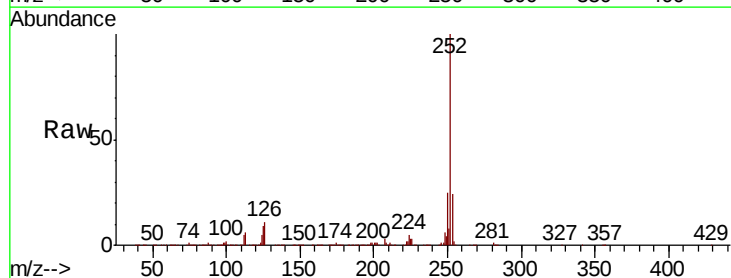
Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

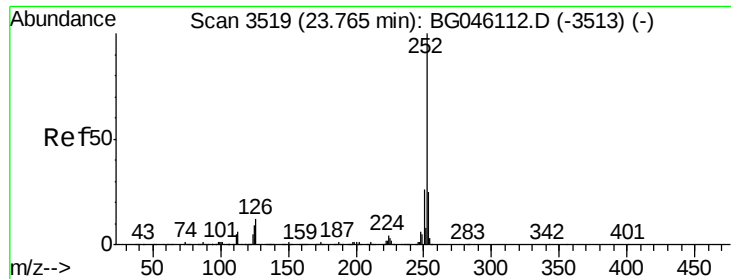
Tot Ion:276 Resp: 1918142
 Ion Ratio Lower Upper
 276 100
 138 15.5 11.6 17.4
 277 26.0 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 37.657 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion:252 Resp: 1652510
 Ion Ratio Lower Upper
 252 100
 253 23.8 19.2 28.8
 125 8.9 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 37.365 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

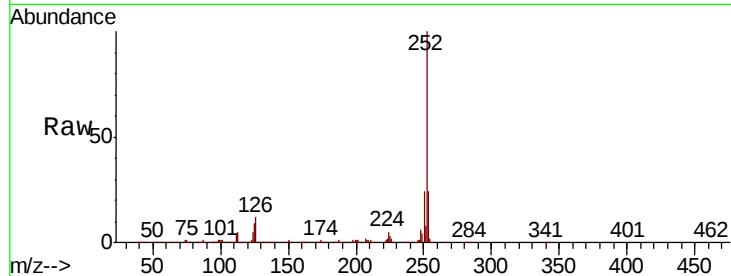
Tot Ion:252 Resp: 1608264

Ion Ratio Lower Upper

252 100

253 24.5 19.5 29.3

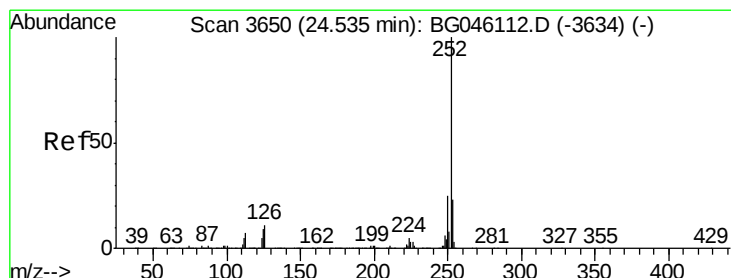
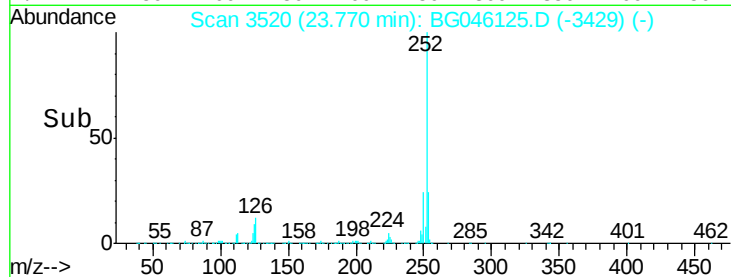
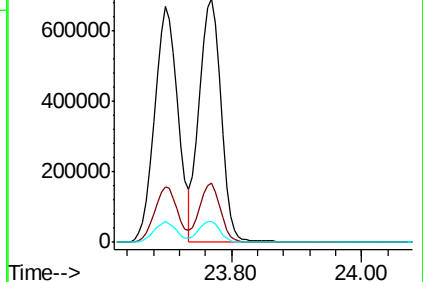
125 8.5 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.590 ng

RT: 24.54 min Scan# 3651

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

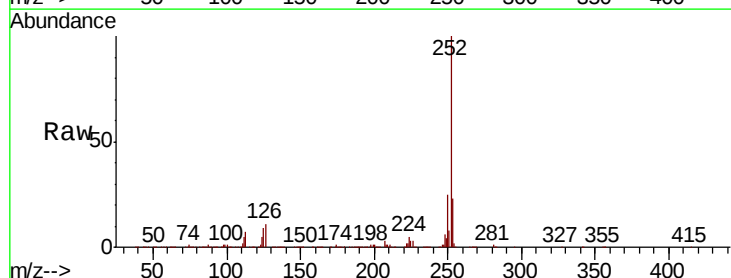
Tgt Ion:252 Resp: 1534958

Ion Ratio Lower Upper

252 100

253 22.6 18.6 27.8

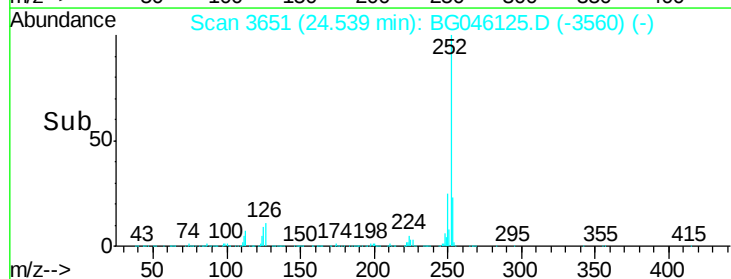
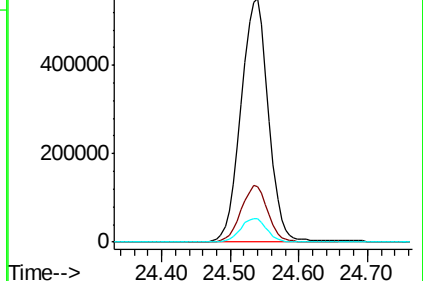
125 9.5 7.1 10.7

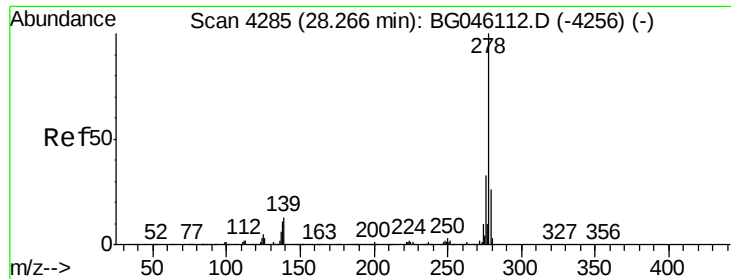


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



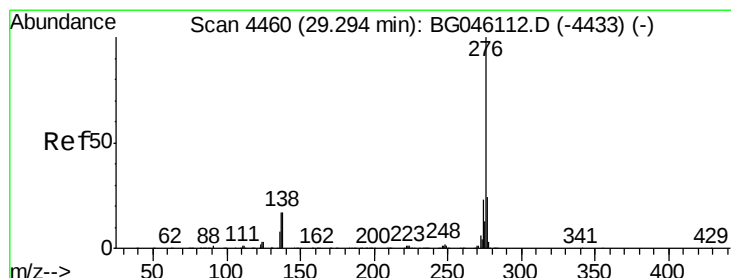
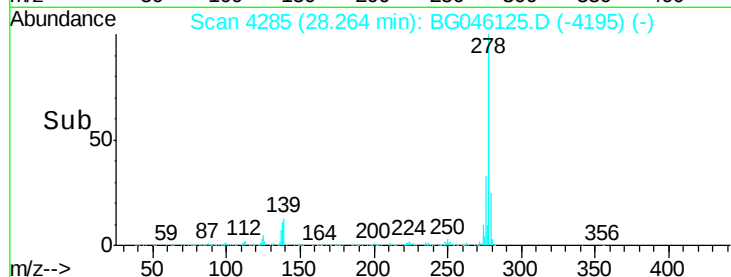
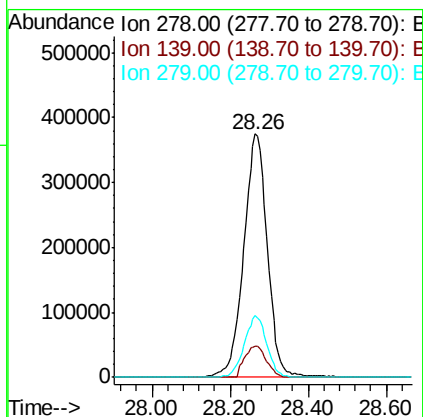
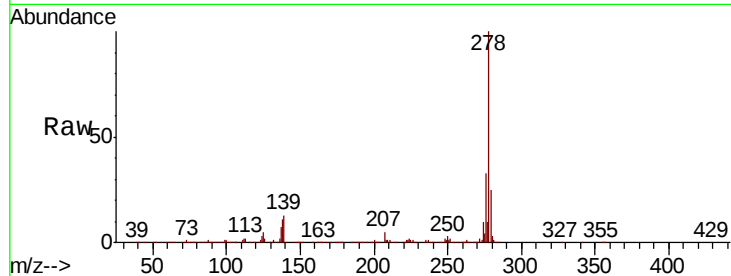


#91
Dibenzo(a,h)anthracene
Concen: 37.903 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion:278 Resp: 1582453

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.8	16.2
279	25.5	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 38.389 ng
RT: 29.30 min Scan# 4462
Delta R.T. 0.01 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:276 Resp: 1618682

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.5	29.3
138	17.9	13.8	20.6

