

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046038.D
 Acq On : 14 Jul 2020 18:27
 Operator : CG/JU
 Sample : PB130200BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Quant Time: Jul 14 19:04:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	126827	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	514521	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	312382	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	675171	20.00	ng	0.00
76) Chrysene-d12	21.63	240	613798	20.00	ng	0.00
86) Perylene-d12	24.78	264	634716	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	886234	113.32	ng	0.00
7) Phenol-d6	7.17	99	1195137	106.14	ng	0.00
23) Nitrobenzene-d5	9.16	82	743243	83.14	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	324158	111.81	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1344479	67.13	ng	0.00
79) Terphenyl-d14	19.98	244	1833839	66.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	147055	40.756	ng	98
3) Pyridine	3.89	79	424583	38.917	ng	99
4) n-Nitrosodimethylamine	3.80	42	185011	50.150	ng	# 96
6) Aniline	7.32	93	483222	33.548	ng	100
8) 2-Chlorophenol	7.57	128	396852	47.138	ng	97
9) Benzaldehyde	7.14	77	143174	20.070	ng	96
10) Phenol	7.20	94	534156	47.292	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	396656	42.469	ng	99
12) 1,3-Dichlorobenzene	7.89	146	413561	42.618	ng	100
13) 1,4-Dichlorobenzene	8.04	146	413674	43.335	ng	99
14) 1,2-Dichlorobenzene	8.36	146	402939	43.857	ng	98
15) Benzyl Alcohol	8.24	79	383242	43.409	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	525806	43.148	ng	98
17) 2-Methylphenol	8.45	107	356609	42.077	ng	99
18) Hexachloroethane	9.09	117	160221	43.621	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	335656	42.434	ng	98
20) 3+4-Methylphenols	8.77	107	487020	42.164	ng	99
22) Acetophenone	8.82	105	566713	41.229	ng	# 98
24) Nitrobenzene	9.20	77	481429	48.795	ng	100
25) Isophorone	9.73	82	882114	40.422	ng	98
26) 2-Nitrophenol	9.91	139	190944	59.375	ng	97
27) 2,4-Dimethylphenol	9.98	122	348189	44.826	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	517103	42.198	ng	99
29) 2,4-Dichlorophenol	10.45	162	354486	44.085	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	359415	40.341	ng	99
31) Naphthalene	10.85	128	1135281	41.159	ng	100
32) Benzoic acid	10.12	122	241239	50.465	ng	89
33) 4-Chloroaniline	10.95	127	268214	21.761	ng	98
34) Hexachlorobutadiene	11.15	225	199086	38.270	ng	96
35) Caprolactam	11.72	113	85115	27.880	ng	94
36) 4-Chloro-3-methylphenol	12.08	107	416677	45.497	ng	98
37) 2-Methylnaphthalene	12.46	142	814859	41.559	ng	100
38) 1-Methylnaphthalene	12.67	142	777790	42.033	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	349470	39.686	ng	98

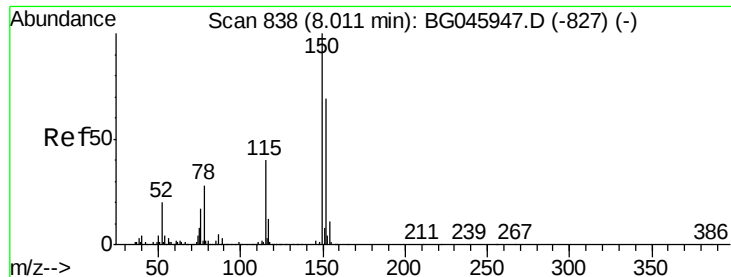
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046038.D
 Acq On : 14 Jul 2020 18:27
 Operator : CG/JU
 Sample : PB130200BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Quant Time: Jul 14 19:04:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	448053	85.751	nq	97
43) 2,4,6-Trichlorophenol	13.06	196	267617	44.937	nq	98
44) 2,4,5-Trichlorophenol	13.13	196	286422	42.537	nq	98
46) 1,1'-Biphenyl	13.46	154	974432	41.466	nq	100
47) 2-Chloronaphthalene	13.50	162	752816	40.603	nq	100
48) 2-Nitroaniline	13.70	65	289592	55.172	nq	97
49) Acenaphthylene	14.35	152	1232717	41.208	nq	99
50) Dimethylphthalate	14.08	163	966268	41.217	nq	100
51) 2,6-Dinitrotoluene	14.19	165	220400	52.248	nq	98
52) Acenaphthene	14.69	154	872474	46.239	nq	97
53) 3-Nitroaniline	14.52	138	175359	34.948	nq	# 85
54) 2,4-Dinitrophenol	14.73	184	195039	120.952	nq	# 86
55) Dibenzofuran	15.02	168	1132516	40.945	nq	100
56) 4-Nitrophenol	14.84	139	437033	114.424	nq	98
57) 2,4-Dinitrotoluene	14.98	165	304501	55.878	nq	# 94
58) Fluorene	15.67	166	946797	41.727	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	253203	48.704	nq	99
60) Diethylphthalate	15.45	149	1006197	40.926	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	442784	39.225	nq	99
62) 4-Nitroaniline	15.69	138	261243	53.917	nq	92
63) Azobenzene	15.96	77	1148819	43.536	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	145577	60.552	nq	94
66) n-Nitrosodiphenylamine	15.88	169	870455	41.604	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	289598	38.405	nq	97
68) Hexachlorobenzene	16.68	284	305889	40.424	nq	97
69) Atrazine	16.83	200	289570	46.811	nq	98
70) Pentachlorophenol	17.02	266	398786	94.788	nq	99
71) Phenanthrene	17.41	178	1489305	41.724	nq	98
72) Anthracene	17.50	178	1535435	42.387	nq	99
73) Carbazole	17.77	167	1521201	41.896	nq	99
74) Di-n-butylphthalate	18.34	149	1798534	40.991	nq	99
75) Fluoranthene	19.42	202	1818929	44.081	nq	98
77) Benzidine	19.59	184	814161	46.391	nq	99
78) Pyrene	19.78	202	1790609	42.737	nq	99
80) Butylbenzylphthalate	20.68	149	881926	44.543	nq	99
81) Benzo(a)anthracene	21.60	228	1669281	41.361	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	476386	31.943	nq	98
83) Chrysene	21.67	228	1618994	42.107	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1211770	42.163	nq	100
85) Di-n-octyl phthalate	22.74	149	2076786	41.640	nq	100
87) Indeno(1,2,3-cd)pyrene	28.35	276	2034599	43.817	nq	# 92
88) Benzo(b)fluoranthene	23.78	252	1778193	44.132	nq	98
89) Benzo(k)fluoranthene	23.85	252	1695030	44.490	nq	99
90) Benzo(a)pyrene	24.64	252	1639338	43.268	nq	99
91) Dibenzo(a,h)anthracene	28.42	278	1640884	43.813	nq	99
92) Benzo(g,h,i)perylene	29.47	276	1647104	43.702	nq	100

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

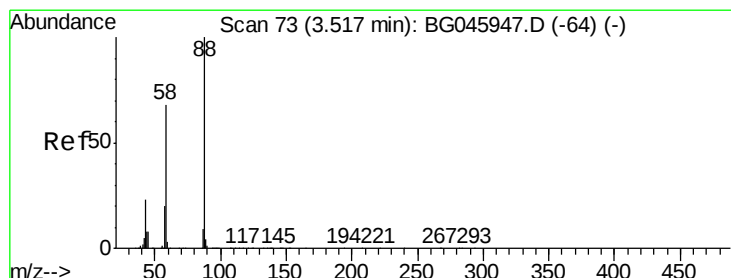
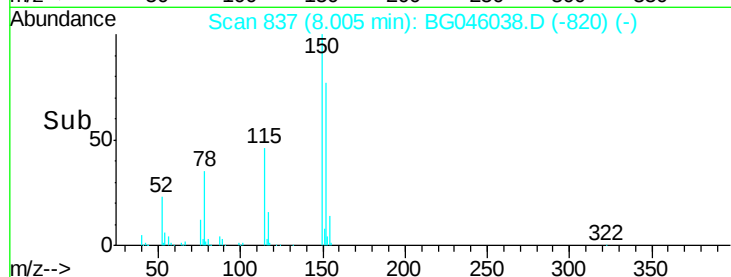
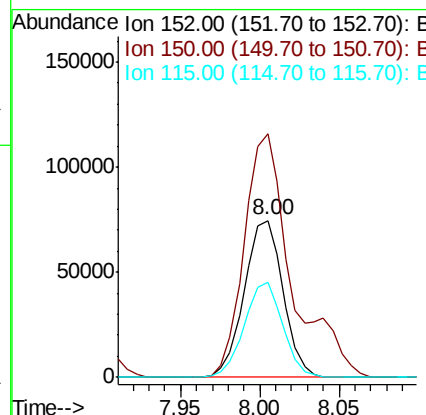
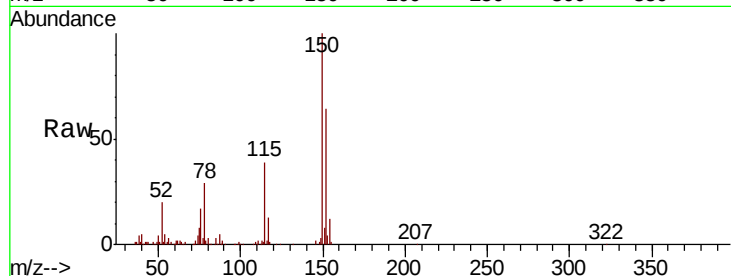


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

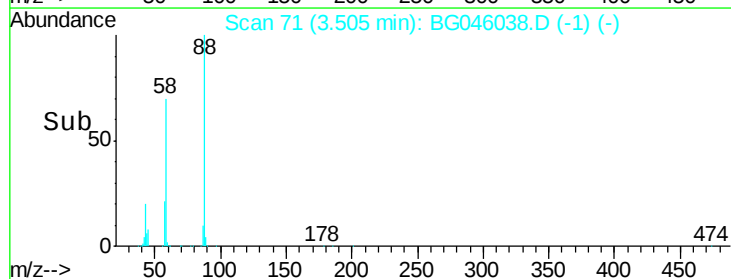
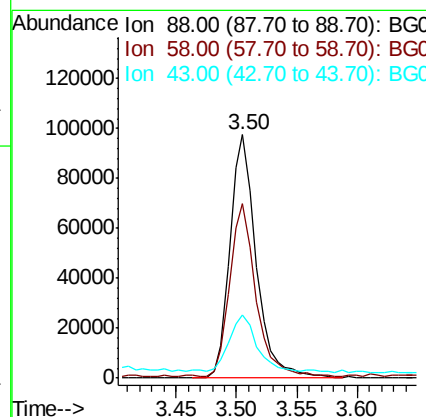
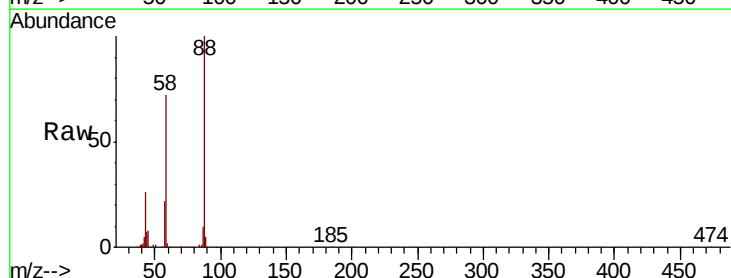
Tot Ion	152	Resp	126827
Ion	Ratio	Lower	Upper
152	100		
150	155.1	116.7	175.1
115	60.3	47.4	71.0

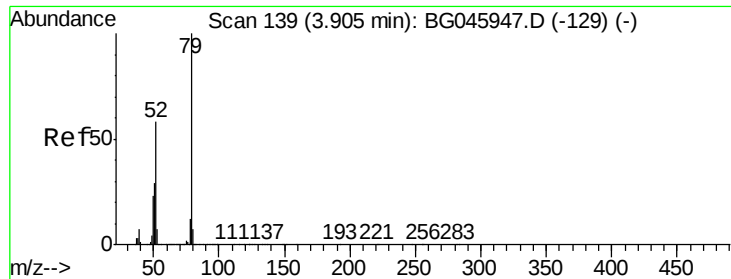


#2

1,4-Dioxane
Concen: 40.756 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	88	Resp	147055
Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.2	82.8
43	25.4	19.4	29.0





#3

Pvridine

Concen: 38.917 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

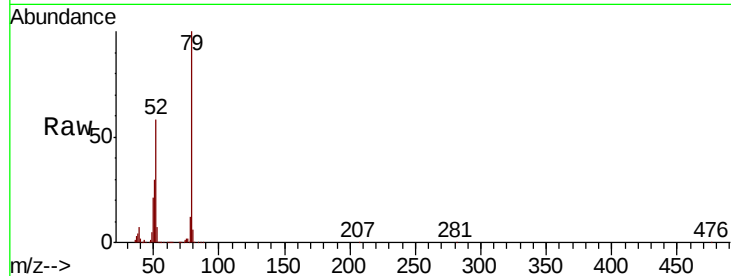
Tot Ion: 79 Resp: 424583

Ion Ratio Lower Upper

79 100

52 58.2 46.5 69.7

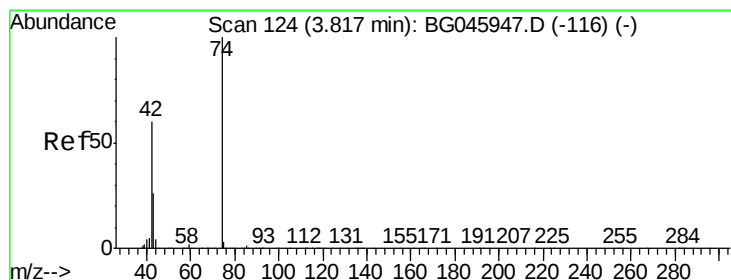
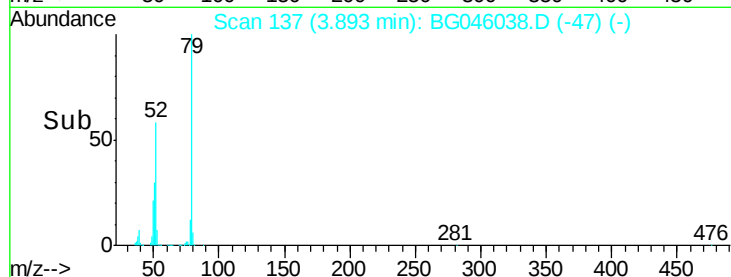
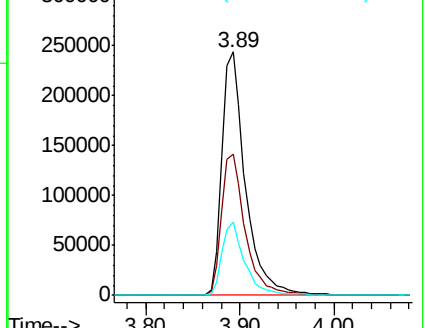
51 30.4 23.5 35.3



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: 50.150 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

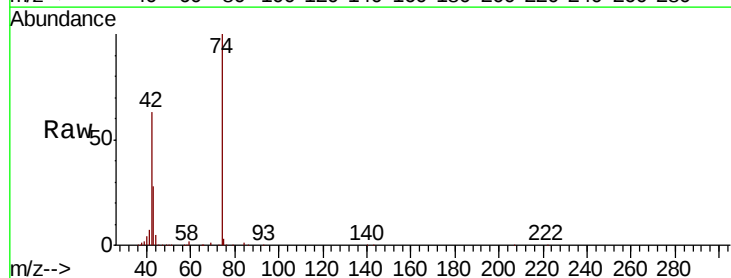
Tgt Ion: 42 Resp: 185011

Ion Ratio Lower Upper

42 100

74 159.9 131.9 197.9

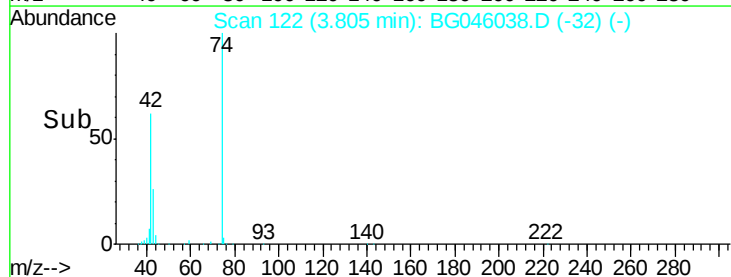
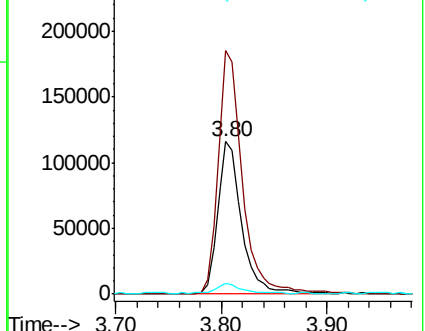
44 7.4 7.7 11.5#

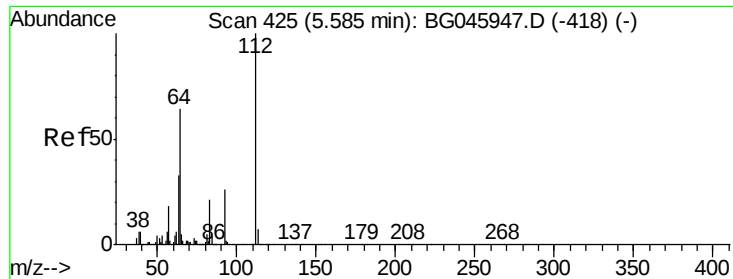


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.318 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

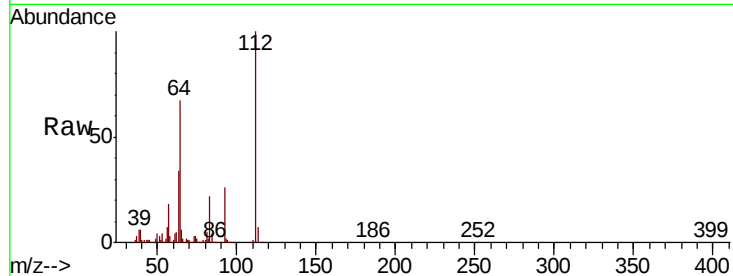
Tot Ion:112 Resp: 886234

Ion Ratio Lower Upper

112 100

64 66.5 51.4 77.2

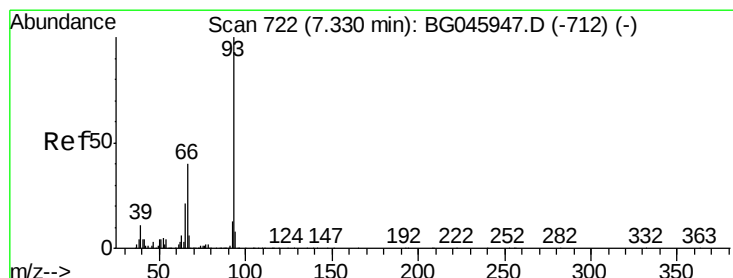
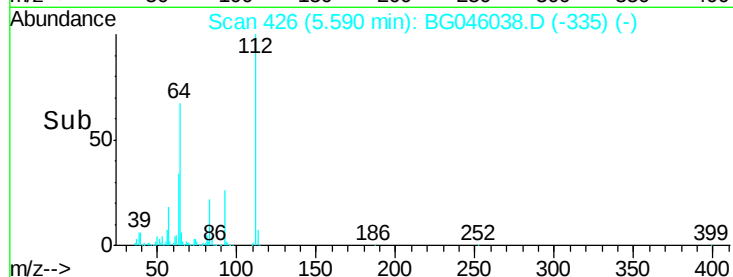
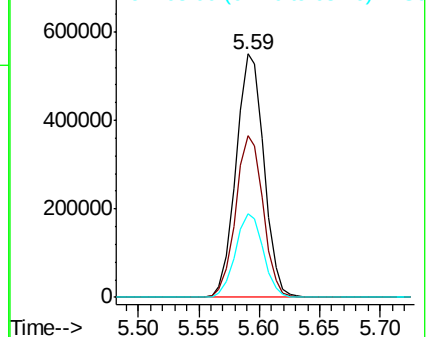
63 34.4 26.6 40.0



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: 33.548 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

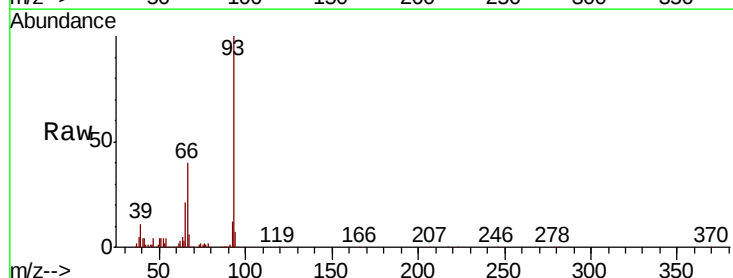
Tgt Ion: 93 Resp: 483222

Ion Ratio Lower Upper

93 100

66 40.1 32.3 48.5

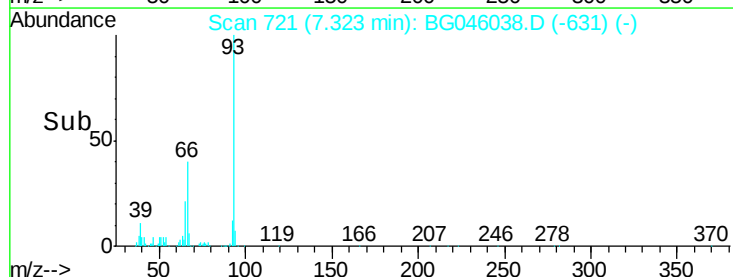
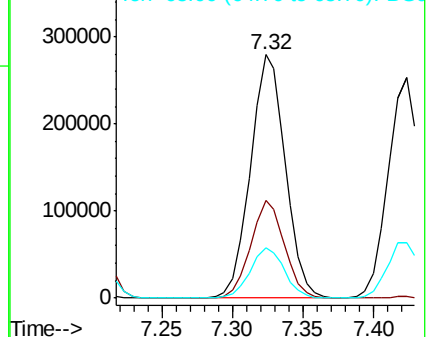
65 20.8 16.6 25.0

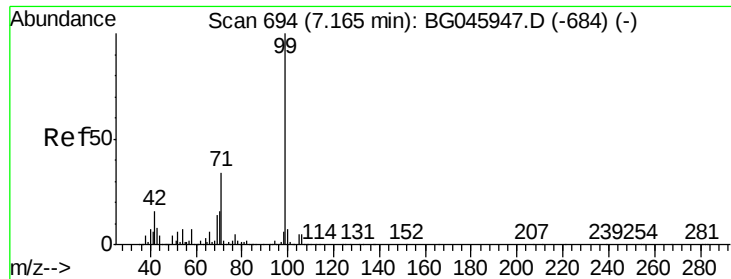


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.143 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

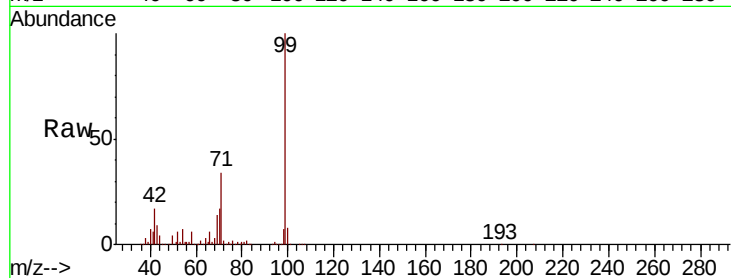
BNA_G

ClientSampleId :

PB130200BS

Tot Ion: 99 Resp: 1195137

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.4
71	34.4	27.5	41.3

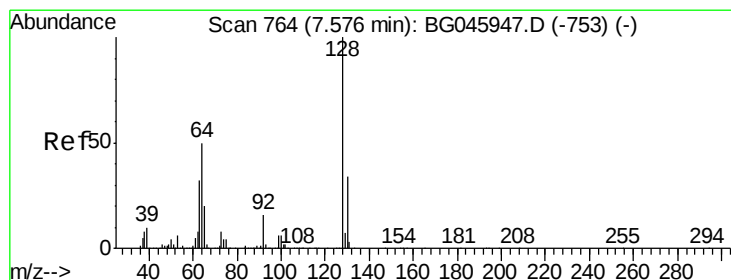
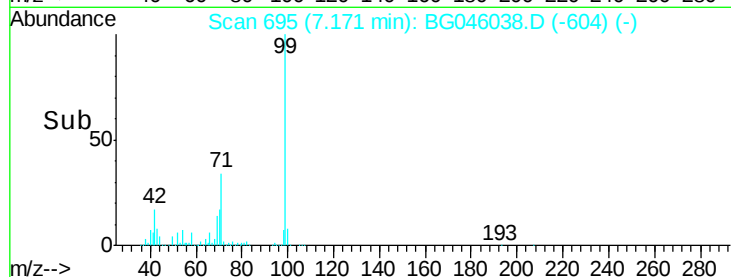
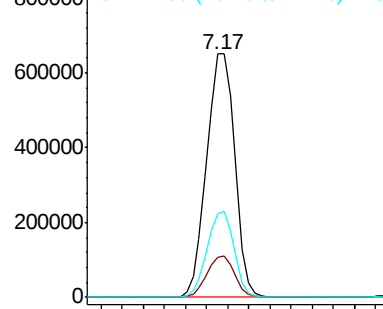


Abundance

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: 47.138 ng

RT: 7.57 min Scan# 763

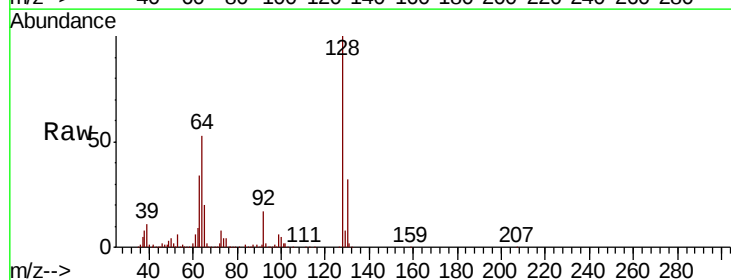
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion: 128 Resp: 396852

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.6	53.6
64	52.5	30.6	70.6

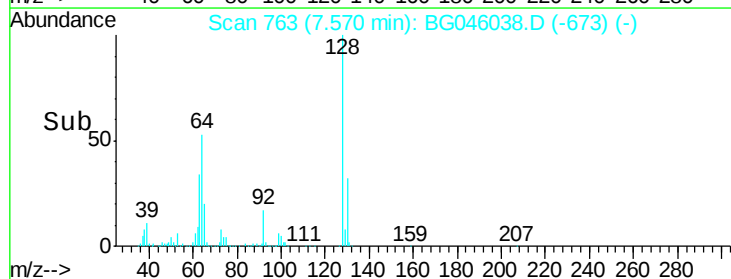
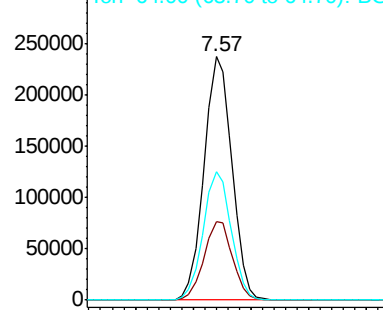


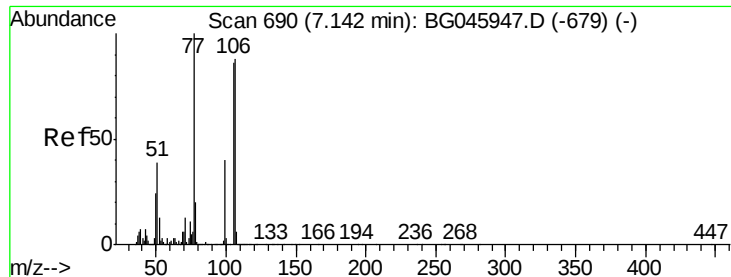
Abundance

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: 20.070 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

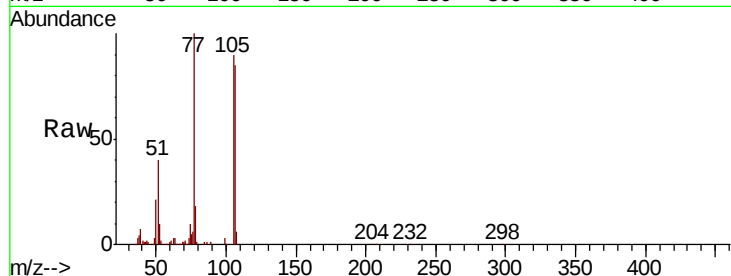
Tot Ion: 77 Resp: 143174

Ion Ratio Lower Upper

77 100

105 90.3 66.0 106.0

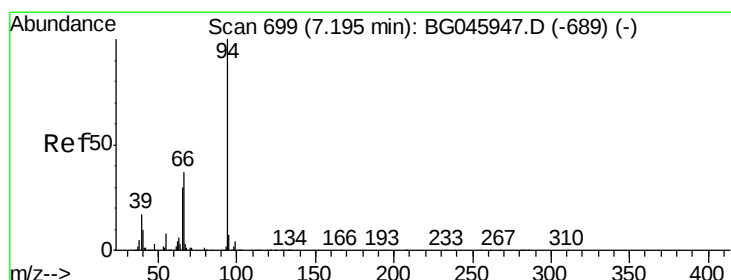
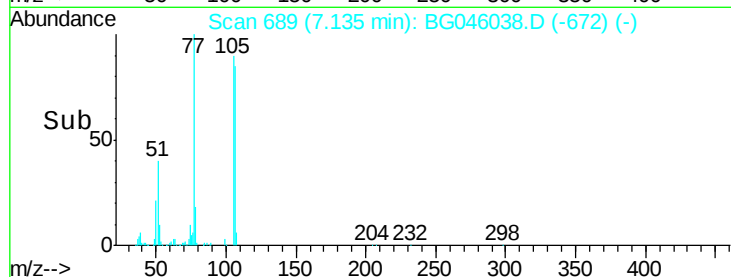
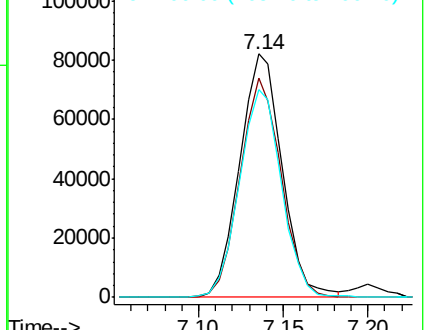
106 85.5 67.7 107.7



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: 47.292 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

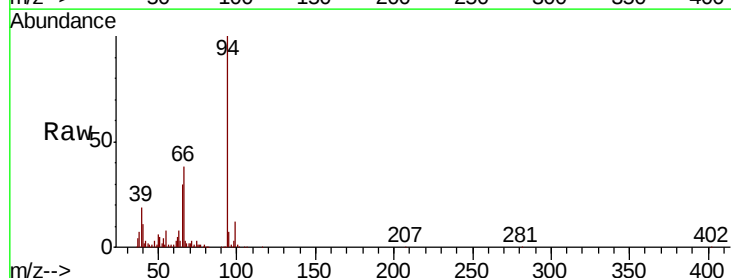
Tgt Ion: 94 Resp: 534156

Ion Ratio Lower Upper

94 100

65 29.7 10.6 50.6

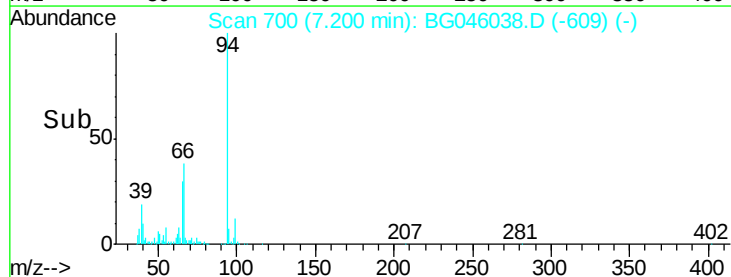
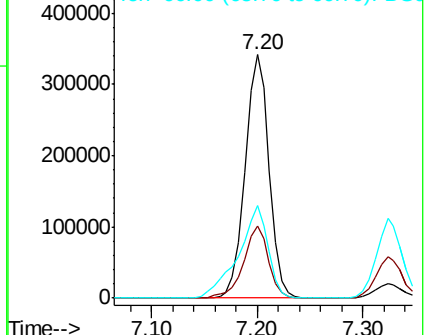
66 37.9 17.1 57.1

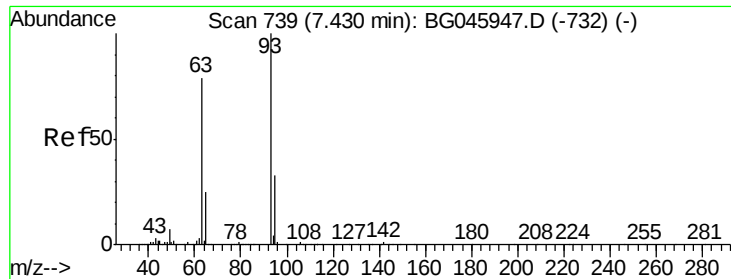


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

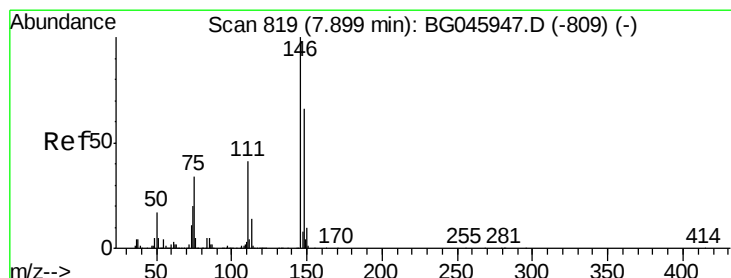
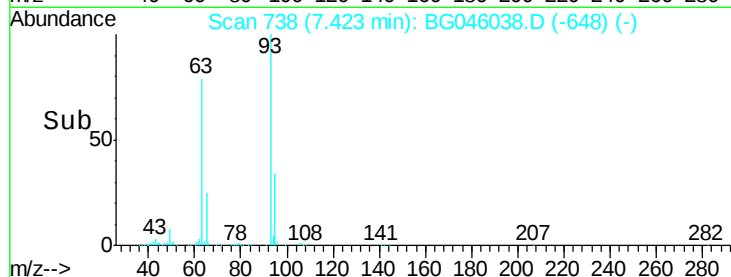
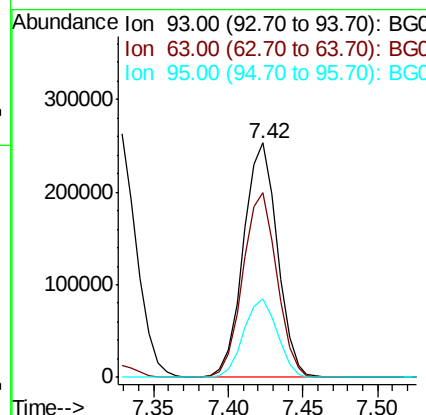
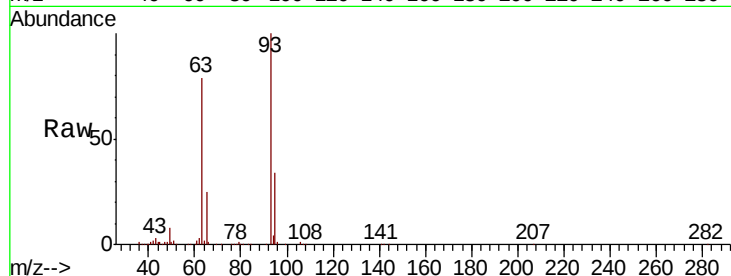




#11
bis(2-Chloroethyl)ether
Concen: 42.469 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

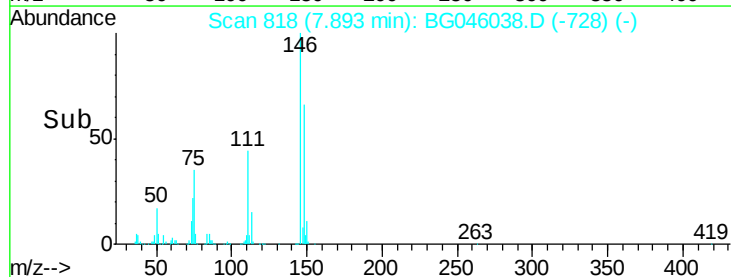
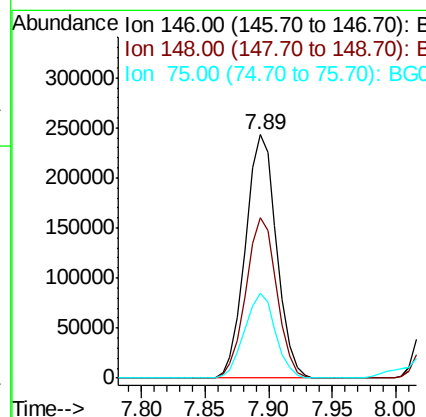
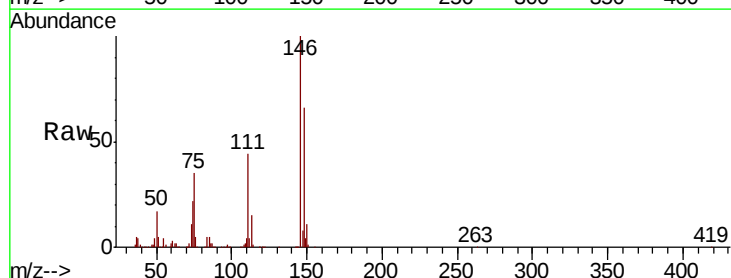
Instrument :
BNA_G
ClientSampleId :
PB130200BS

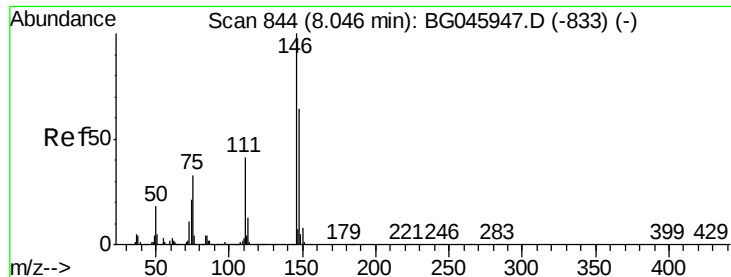
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	58.6	98.6
95	33.8	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 42.618 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.8	79.2
75	34.7	27.2	40.8

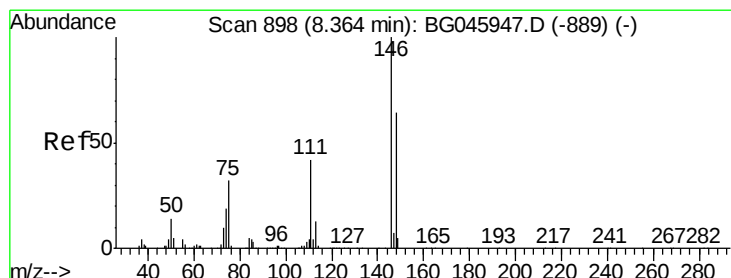
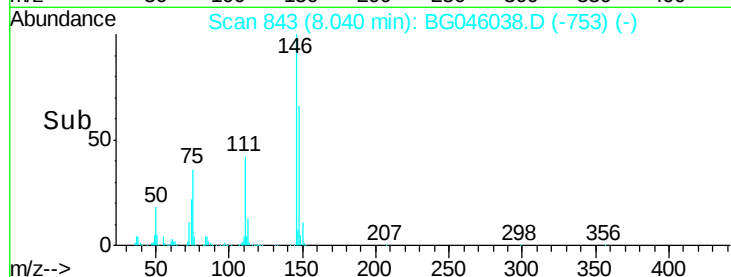
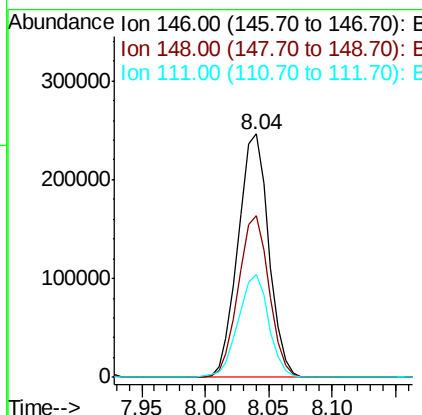
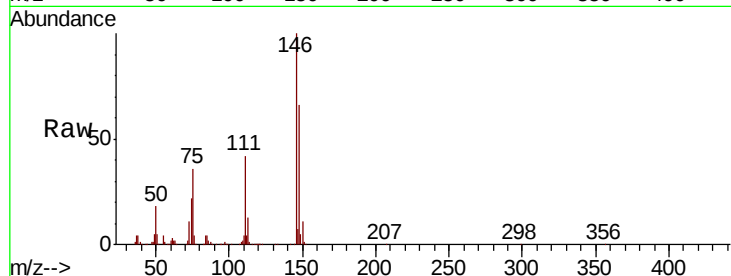




#13
 1,4-Dichlorobenzene
 Concen: 43.335 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

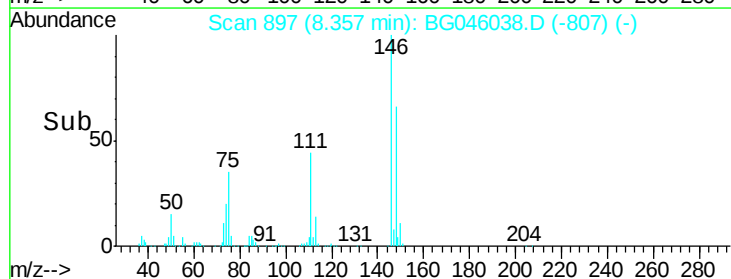
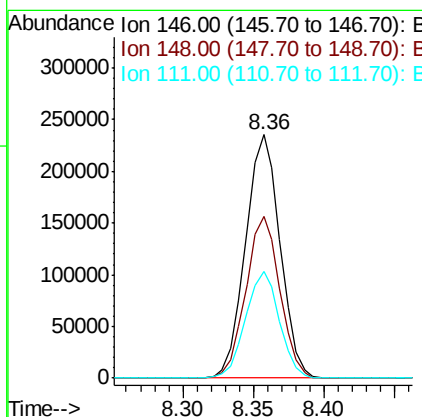
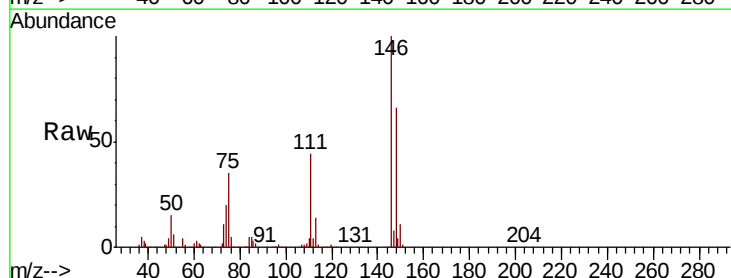
Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

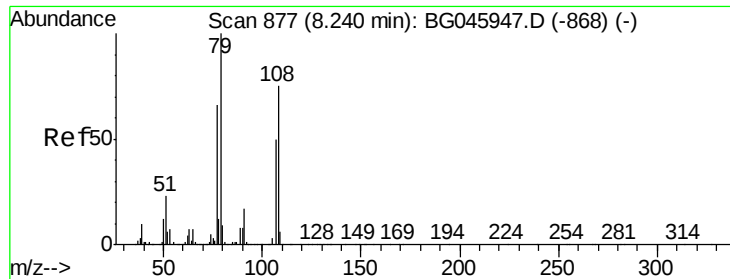
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.7	77.5
111	42.0	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 43.857 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.6	77.4
111	43.9	34.0	51.0





#15

Benzyl Alcohol

Concen: 43.409 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

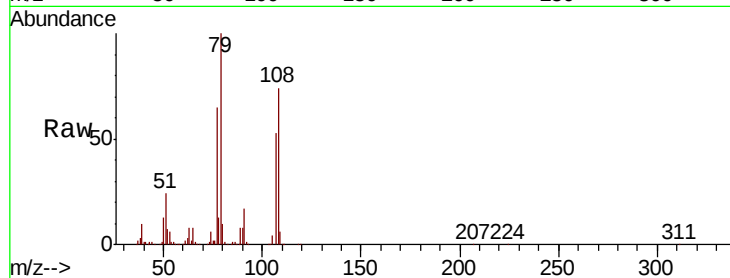
Tot Ion: 79 Resp: 383242

Ion Ratio Lower Upper

79 100

108 74.2 60.2 90.4

77 65.0 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

8.24

200000

150000

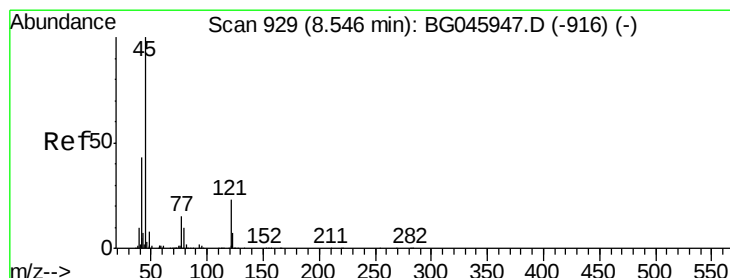
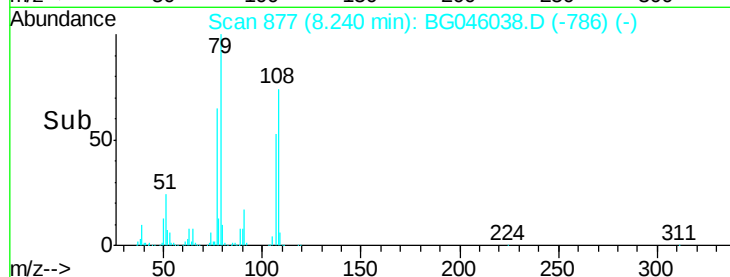
100000

50000

0

8.20 8.30

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.148 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

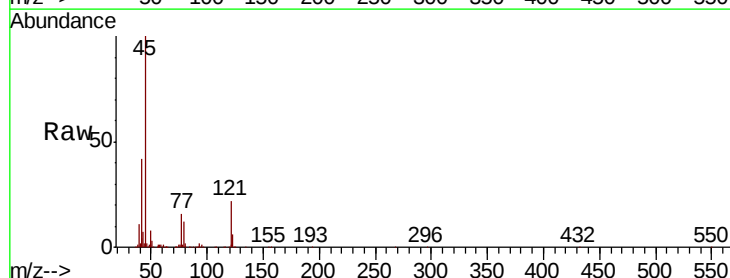
Tgt Ion: 45 Resp: 525806

Ion Ratio Lower Upper

45 100

77 16.4 0.0 37.6

79 12.3 0.0 32.6



Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

8.53

250000

200000

150000

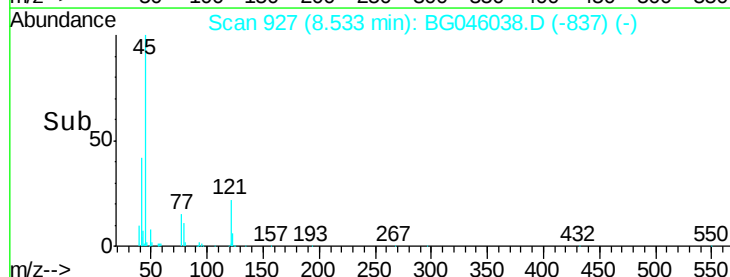
100000

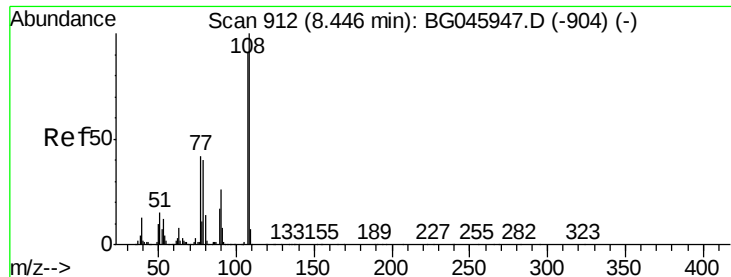
50000

0

8.50 8.60

Time-->





#17

2-Methylphenol

Concen: 42.077 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

Tot Ion:107 Resp: 356609

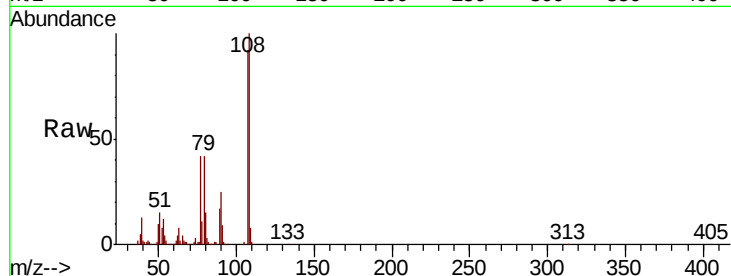
Ion Ratio Lower Upper

107 100

108 109.1 88.2 132.4

77 46.3 37.0 55.4

79 45.6 35.4 53.0

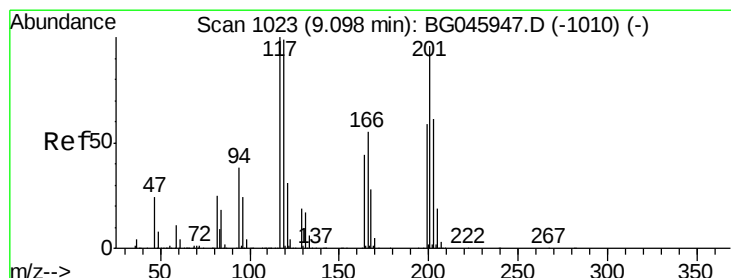
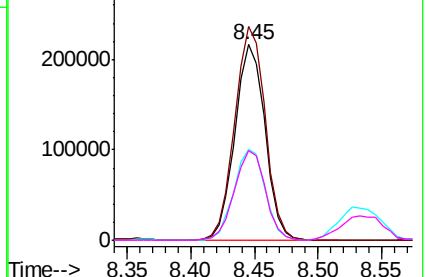
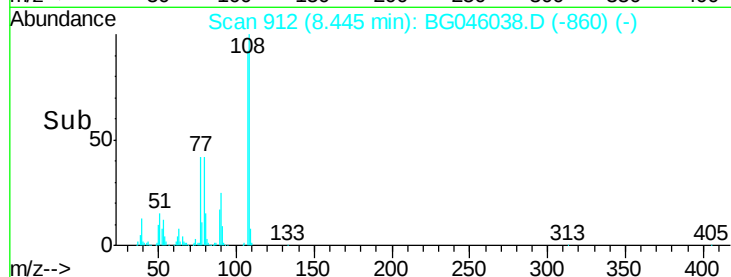


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.621 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

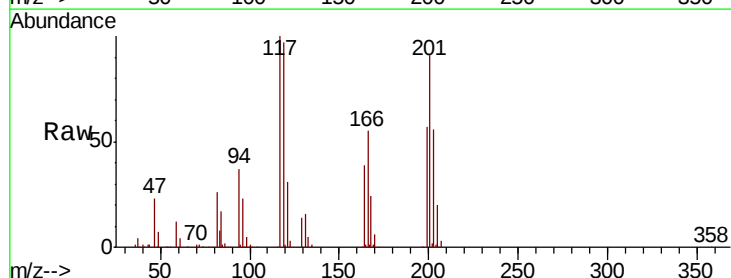
Tgt Ion:117 Resp: 160221

Ion Ratio Lower Upper

117 100

119 96.6 79.5 119.3

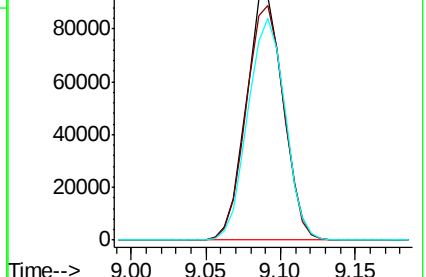
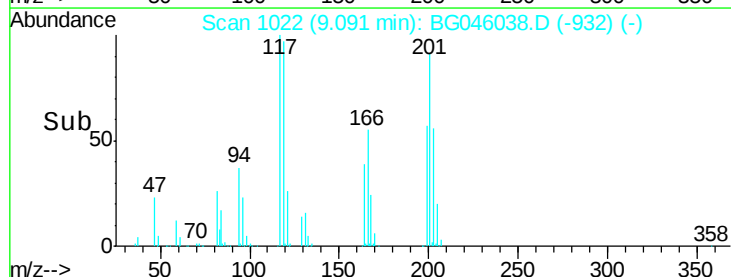
201 91.2 77.0 115.4

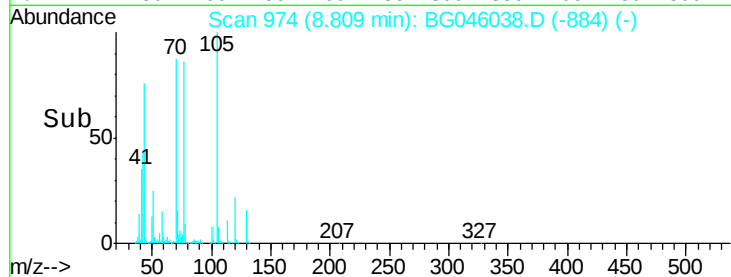
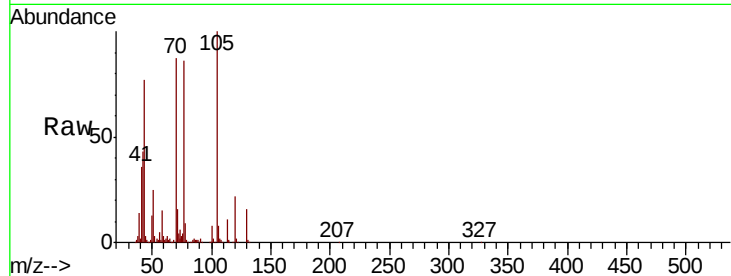
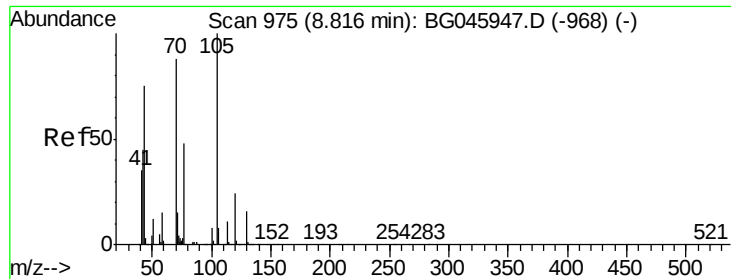


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

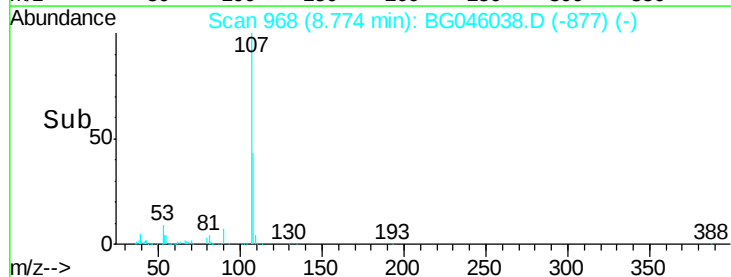
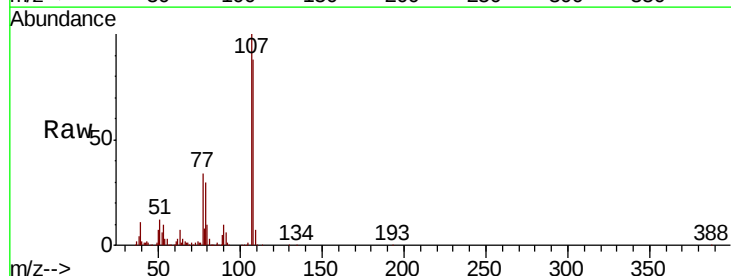
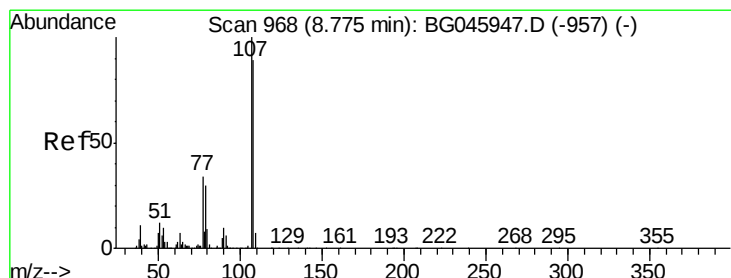
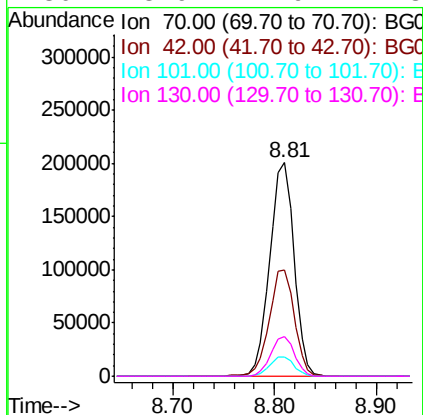




#19
n-Nitroso-di-n-propylamine
Concen: 42.434 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

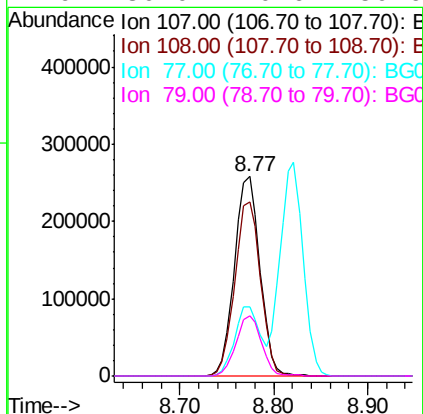
Instrument :
BNA_G
ClientSampleId :
PB130200BS

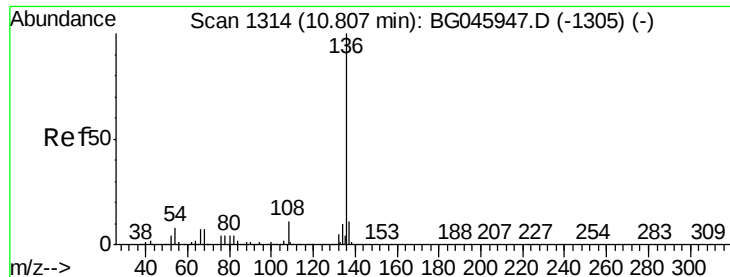
Tot Ion:	70	Resp:	335656
Ion	Ratio	Lower	Upper
70	100		
42	49.8	41.4	62.0
101	9.1	7.1	10.7
130	18.9	14.9	22.3



#20
3+4-Methylphenols
Concen: 42.164 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion:	107	Resp:	487020
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.7	108.7
77	34.4	14.6	54.6
79	30.0	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

Tot Ion:136 Resp: 514521

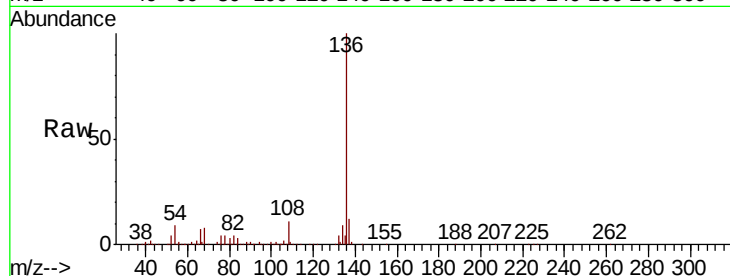
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 8.5 6.2 9.4

68 7.6 5.8 8.8

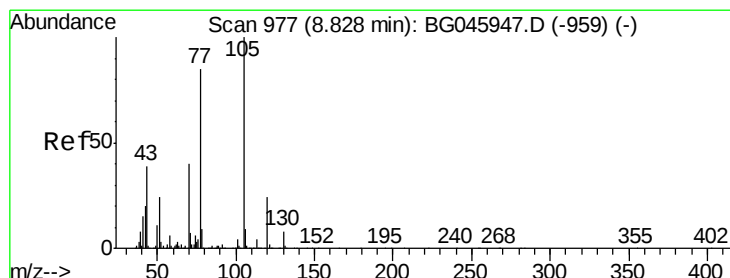
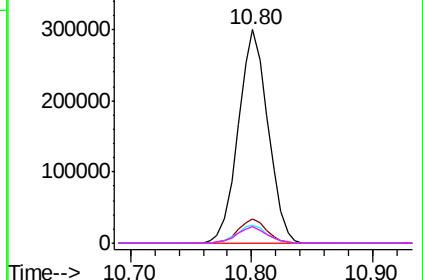
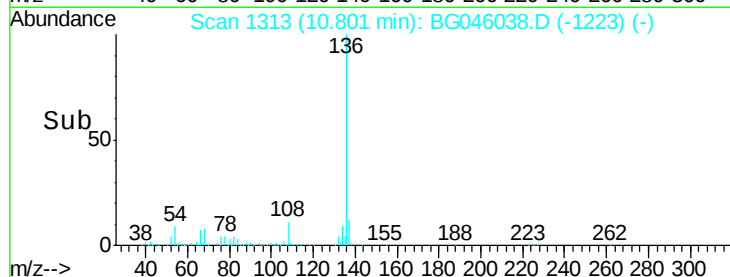


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.229 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:105 Resp: 566713

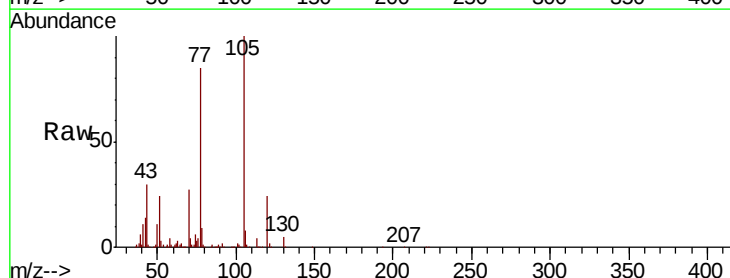
Ion Ratio Lower Upper

105 100

71 4.3 6.2 9.2#

51 24.5 19.7 29.5

120 23.6 19.2 28.8

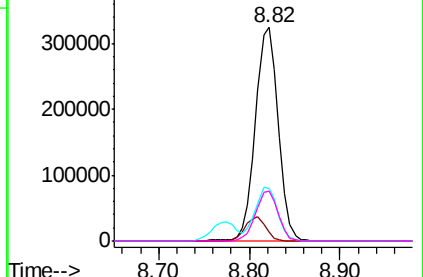
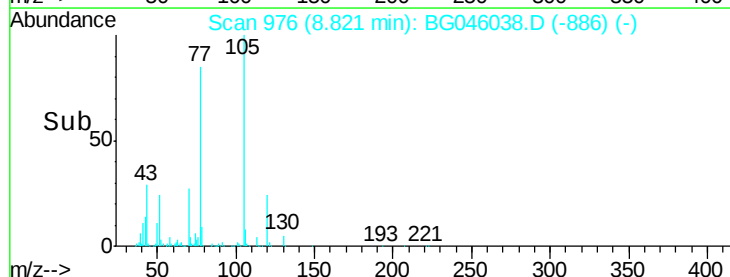


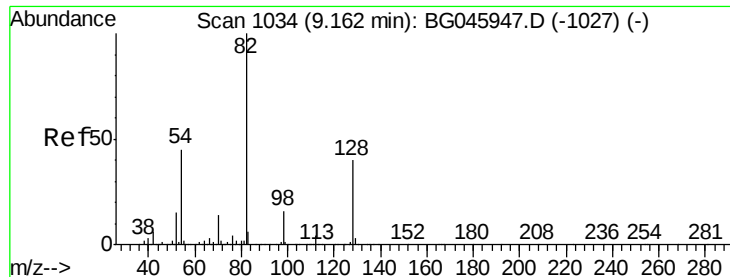
Abundance Ion 105.00 (104.70 to 105.70): E

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

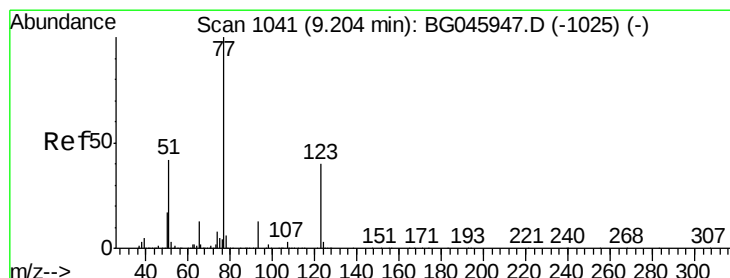
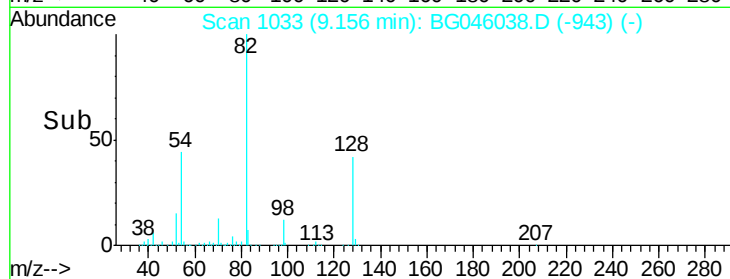
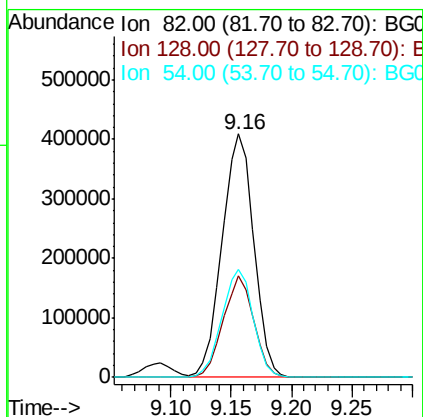
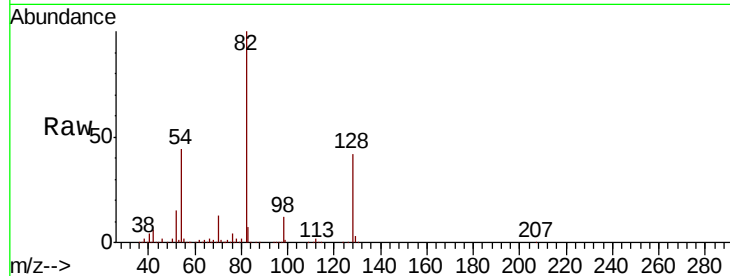




#23
 Nitrobenzene-d5
 Concen: 83.144 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

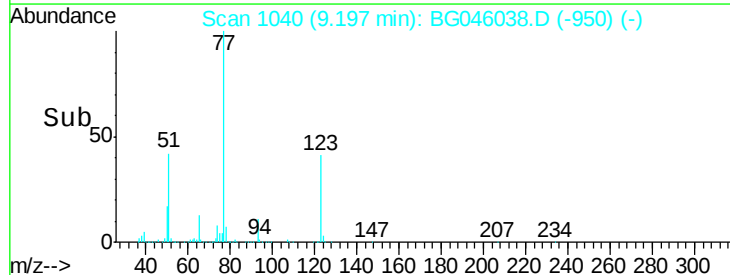
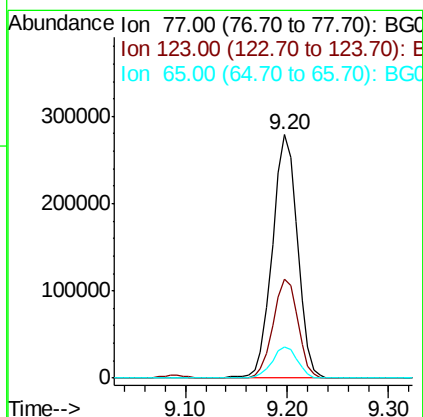
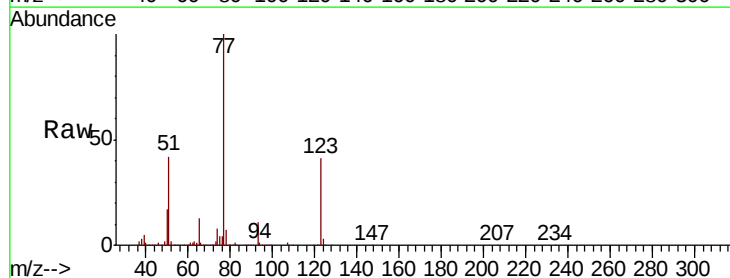
Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

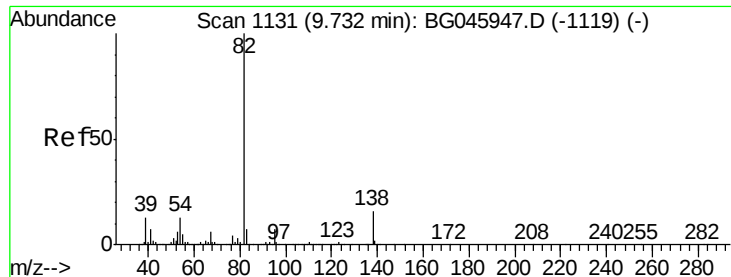
Tot Ion	82	Resp	743243
Ion Ratio	Lower	Upper	
82	100		
128	41.5	32.2	48.4
54	44.4	35.8	53.6



#24
 Nitrobenzene
 Concen: 48.795 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	77	Resp	481429
Ion Ratio	Lower	Upper	
77	100		
123	40.7	32.7	49.1
65	12.8	10.2	15.4





#25

Isophorone

Concen: 40.422 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

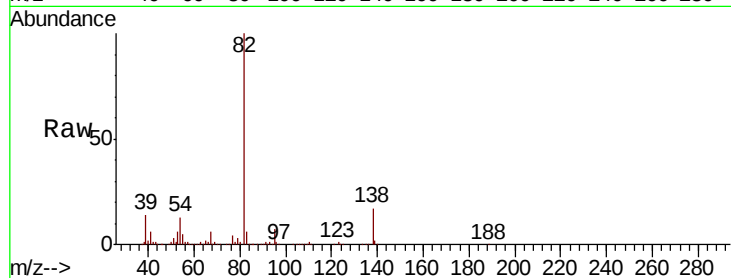
Tot Ion: 82 Resp: 882114

Ion Ratio Lower Upper

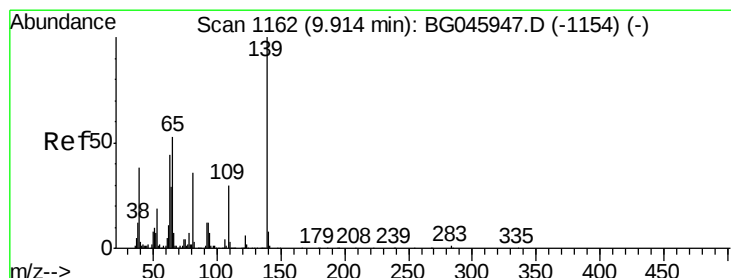
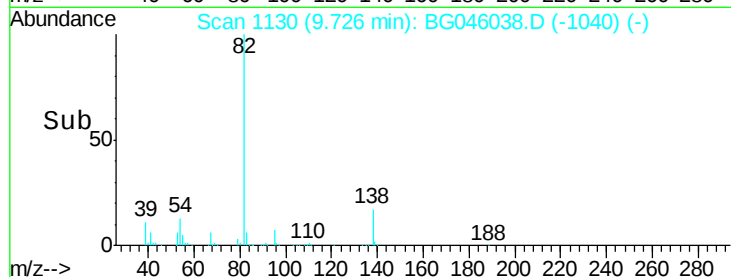
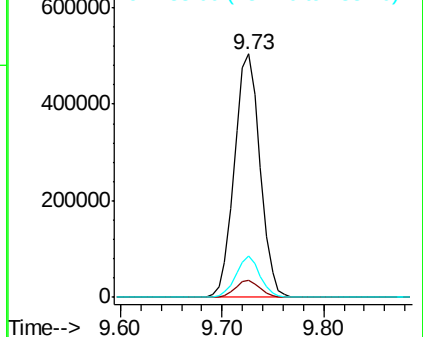
82 100

95 6.8 5.8 8.6

138 16.9 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 59.375 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

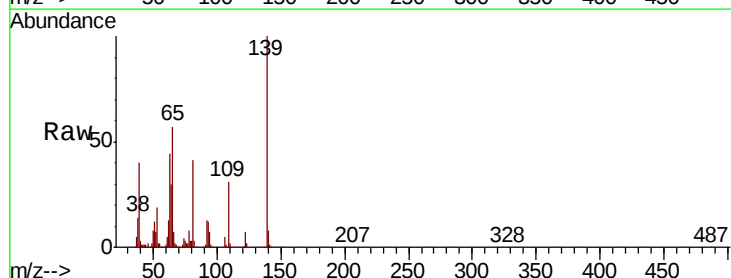
Tgt Ion: 139 Resp: 190944

Ion Ratio Lower Upper

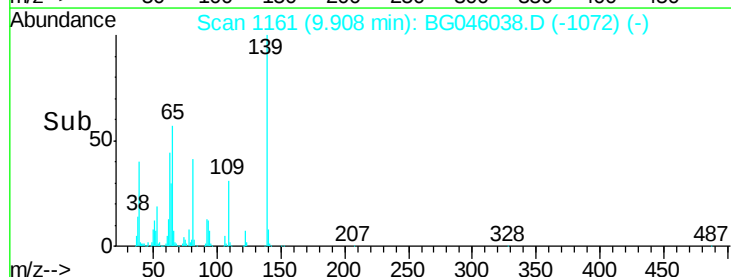
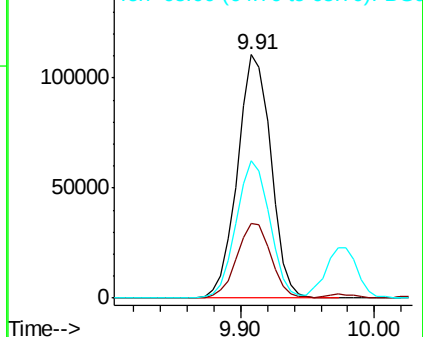
139 100

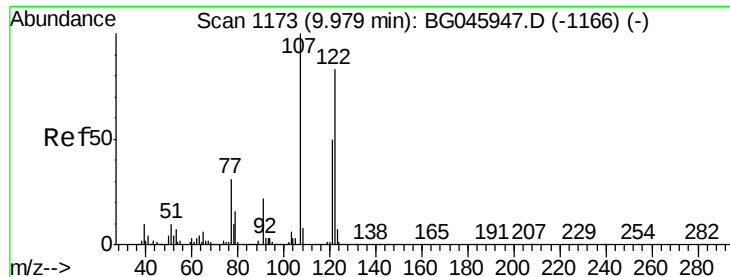
109 30.6 24.6 37.0

65 56.6 42.6 64.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 44.826 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

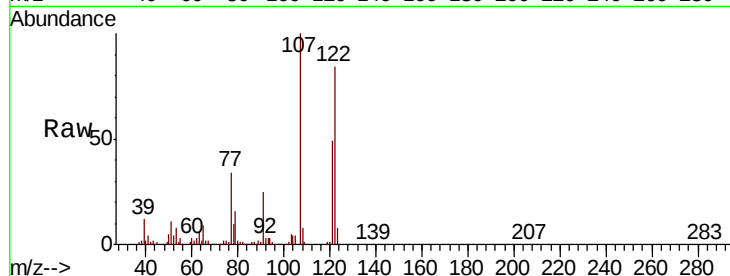
Tot Ion:122 Resp: 348189

Ion Ratio Lower Upper

122 100

107 119.4 95.6 143.4

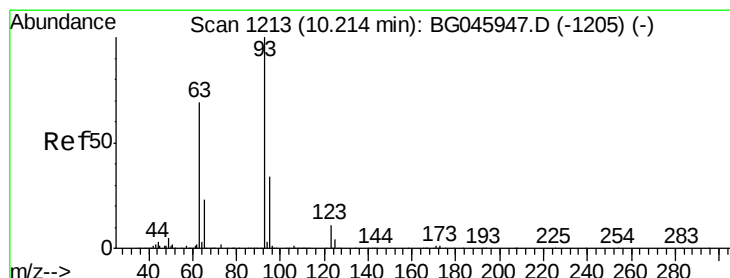
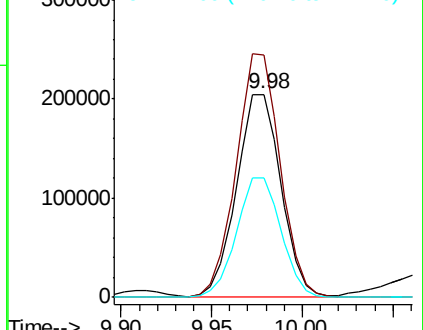
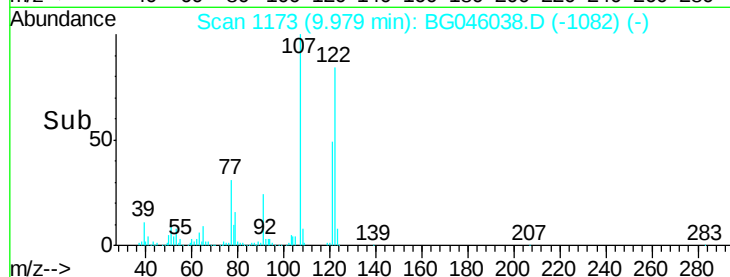
121 58.6 47.7 71.5



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: 42.198 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

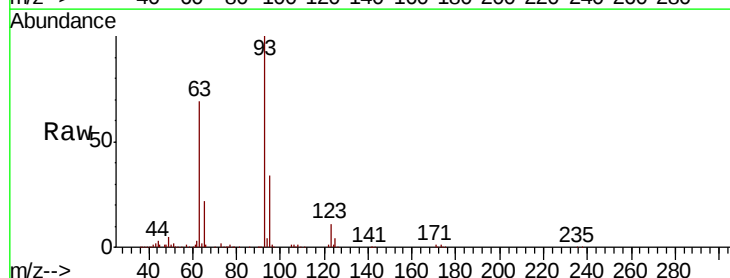
Tgt Ion: 93 Resp: 517103

Ion Ratio Lower Upper

93 100

95 34.0 27.5 41.3

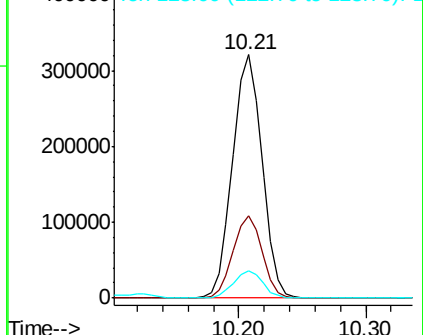
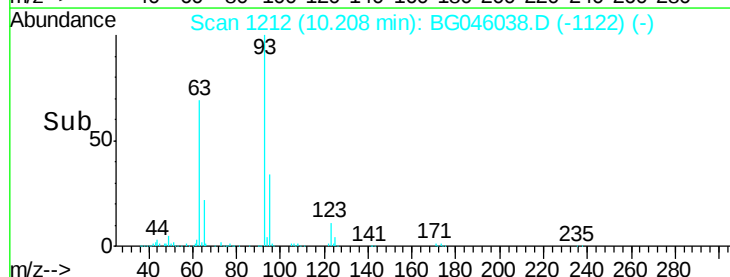
123 11.2 9.2 13.8

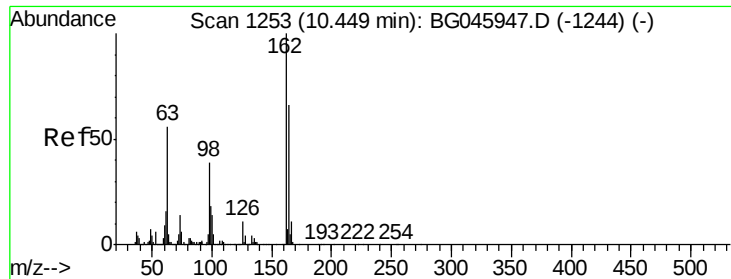


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

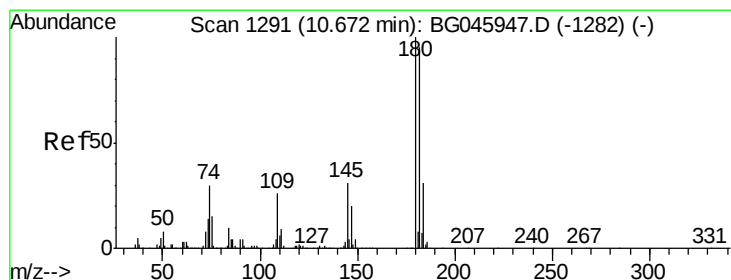
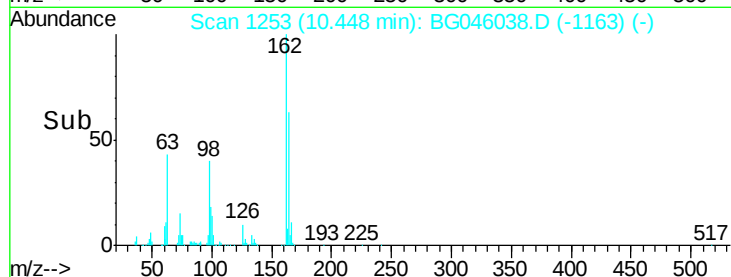
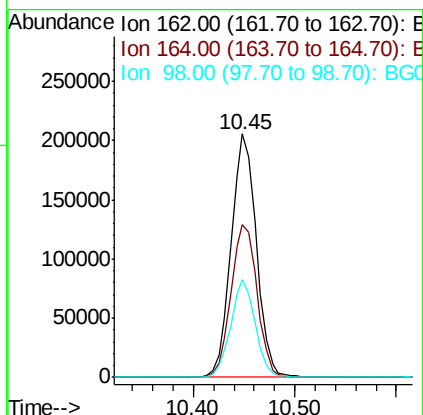
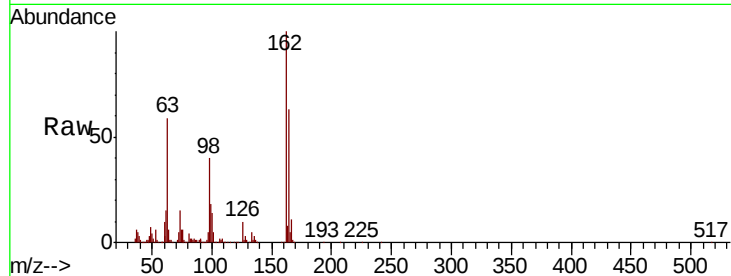




#29
 2,4-Dichlorophenol
 Concen: 44.085 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

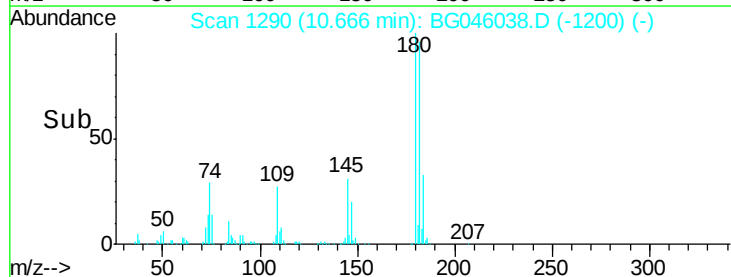
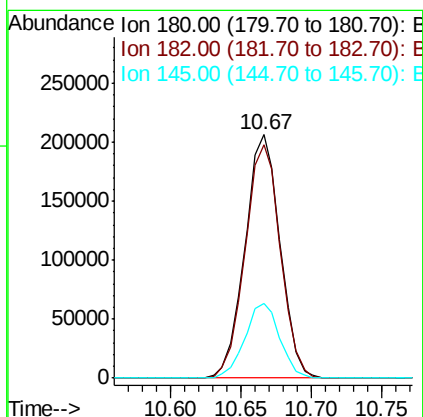
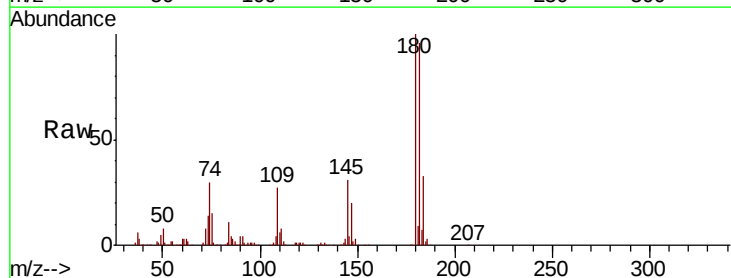
Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

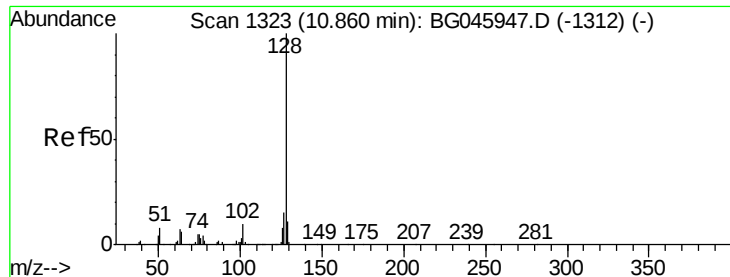
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	46.0	86.0
98	40.3	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.341 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.3	114.5
145	30.9	24.8	37.2

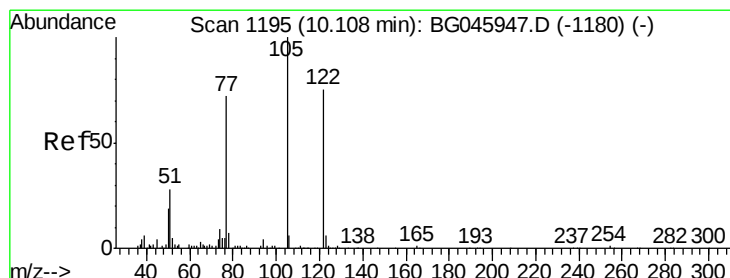
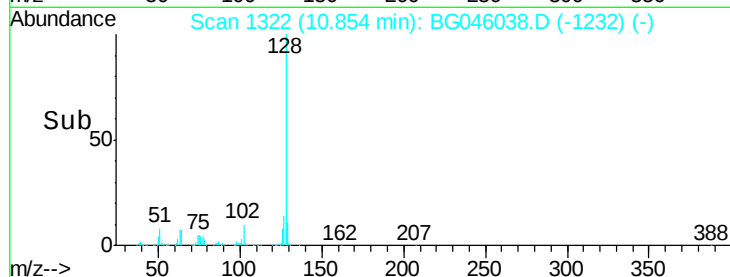
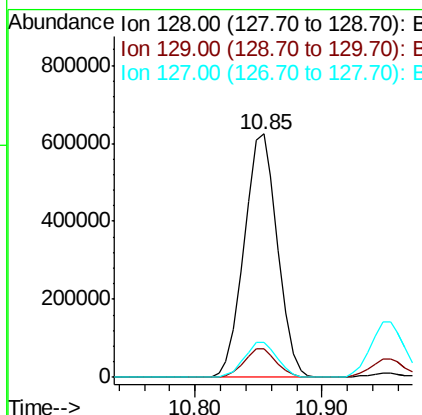
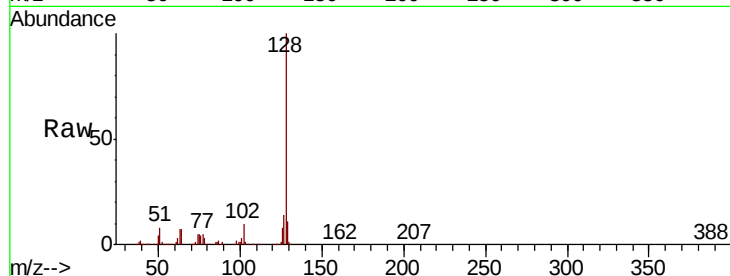




#31
Naphthalene
Concen: 41.159 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

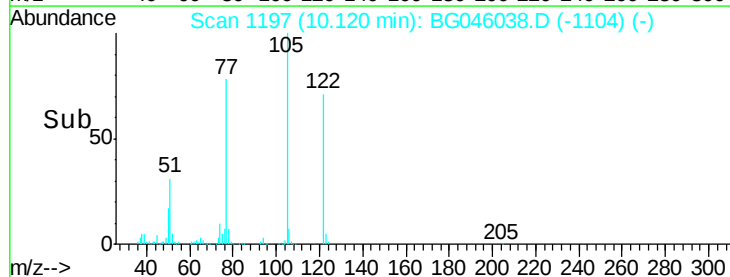
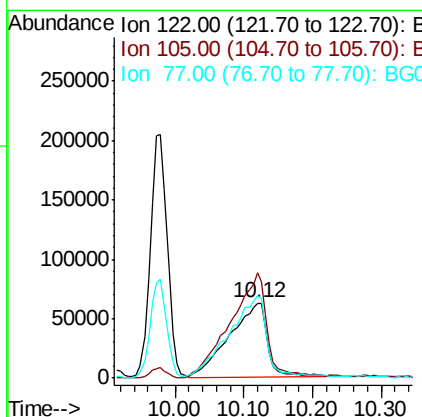
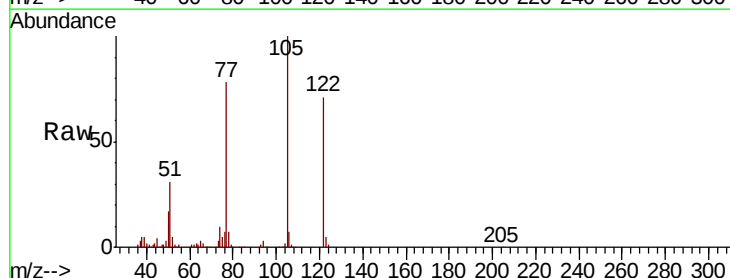
Instrument :
BNA_G
ClientSampleId :
PB130200BS

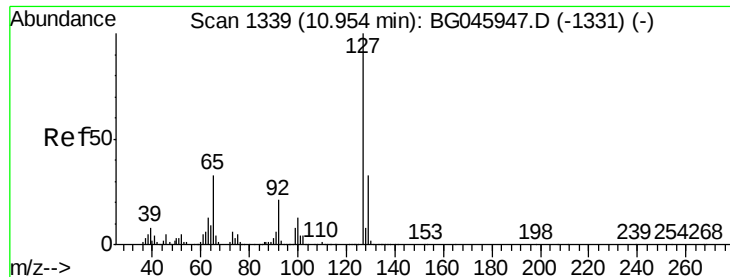
Tot Ion:128 Resp: 1135281
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 14.4 11.8 17.6



#32
Benzoic acid
Concen: 50.465 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion:122 Resp: 241239
Ion Ratio Lower Upper
122 100
105 141.1 110.8 150.8
77 110.3 76.4 116.4

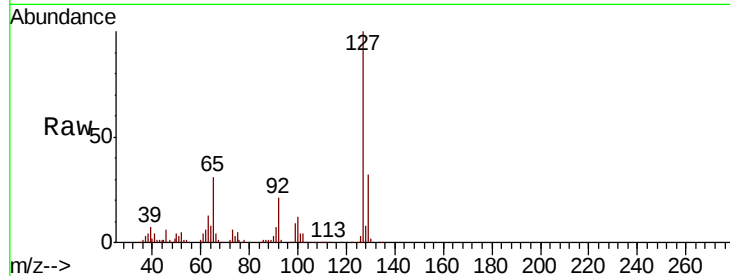




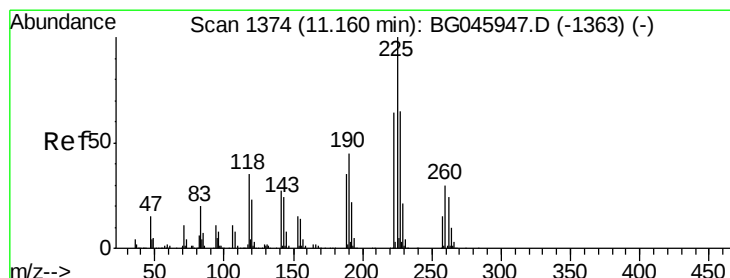
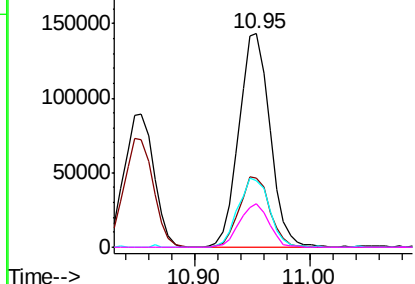
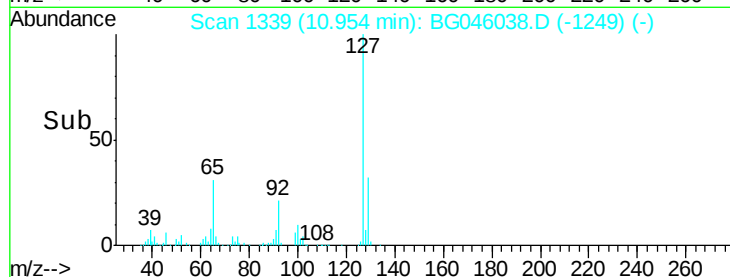
#33
4-Chloroaniline
Concen: 21.761 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion:127	Resp:	268214	
Ion Ratio	Lower	Upper	
127 100			
129 32.2	26.6	39.8	
65 31.4	26.8	40.2	
92 20.6	17.0	25.4	

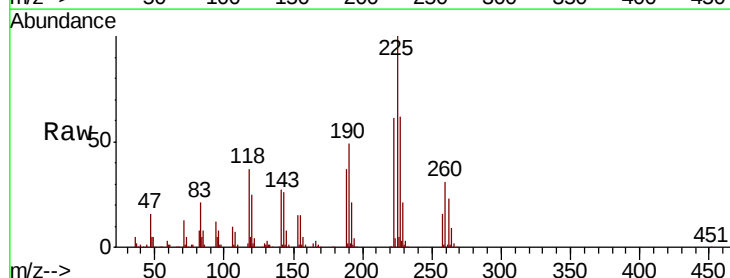


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

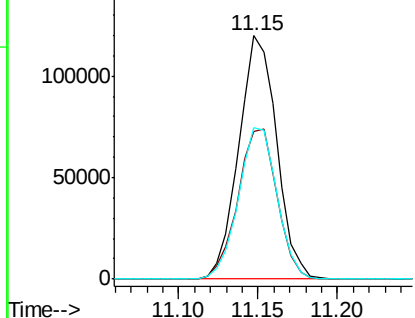
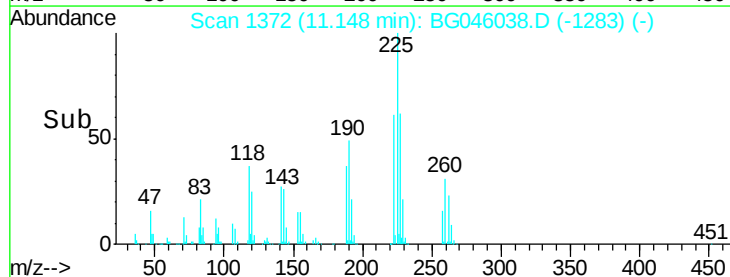


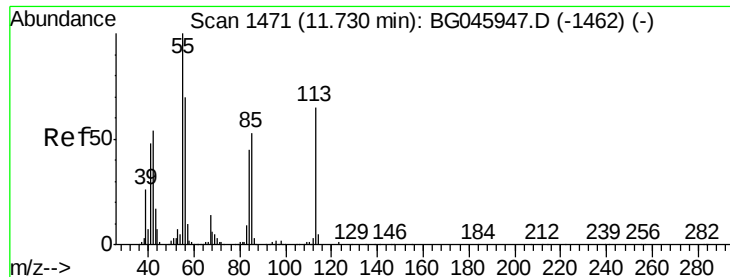
#34
Hexachlorobutadiene
Concen: 38.270 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	225	Resp: Lower	199086 Upper
	Ratio		
225	100		
223	60.5	51.2	76.8
227	62.2	52.3	78.5



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

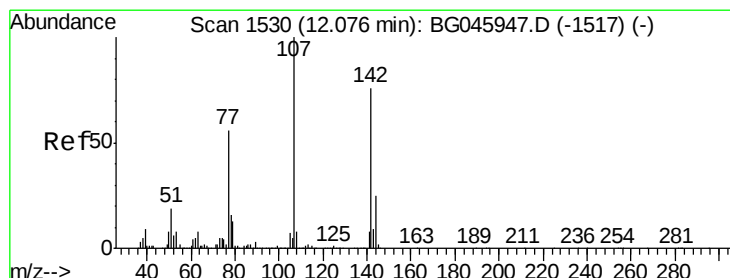
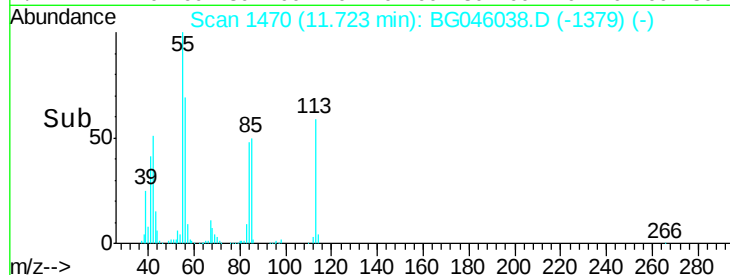
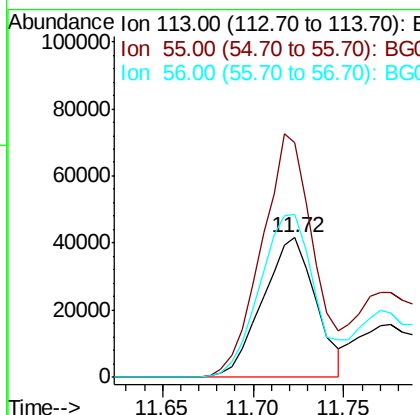
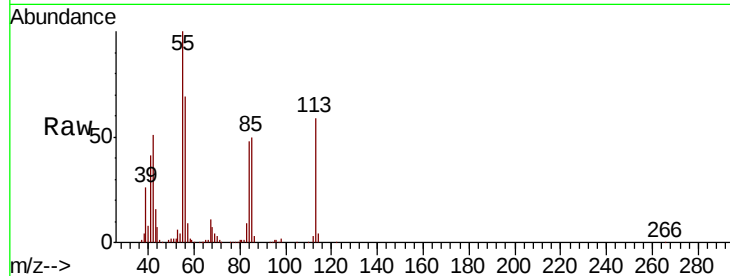




#35
Caprolactam
Concen: 27.880 ng
RT: 11.72 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

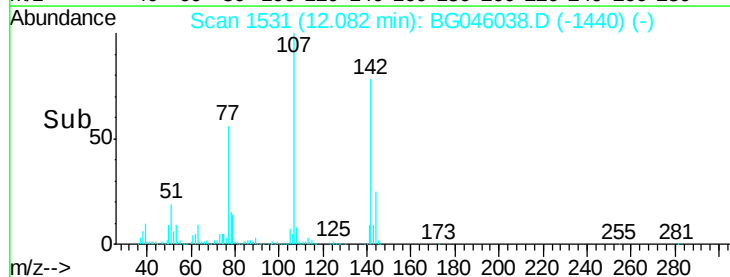
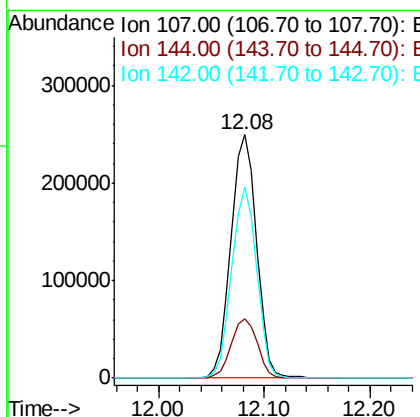
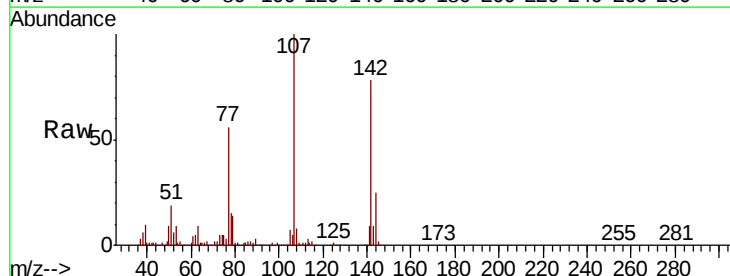
Instrument :
BNA_G
ClientSampleId :
PB130200BS

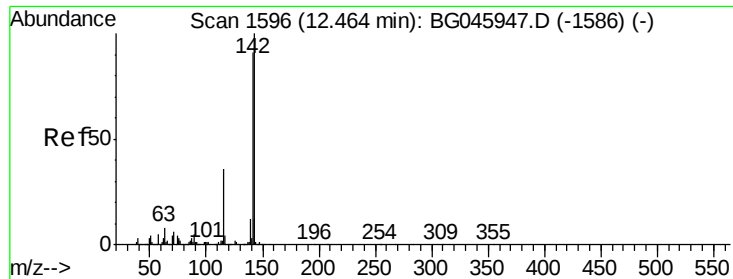
Tot Ion:113 Resp: 85115
Ion Ratio Lower Upper
113 100
55 168.3 141.6 181.6
56 116.8 89.6 129.6



#36
4-Chloro-3-methylphenol
Concen: 45.497 ng
RT: 12.08 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion:107 Resp: 416677
Ion Ratio Lower Upper
107 100
144 24.5 20.0 30.0
142 78.5 61.1 91.7

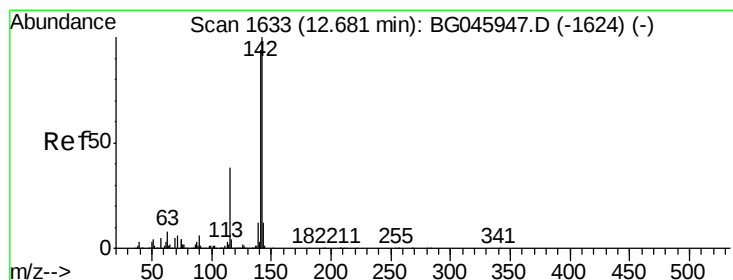
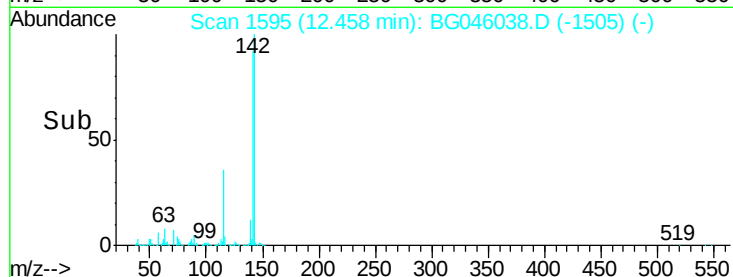
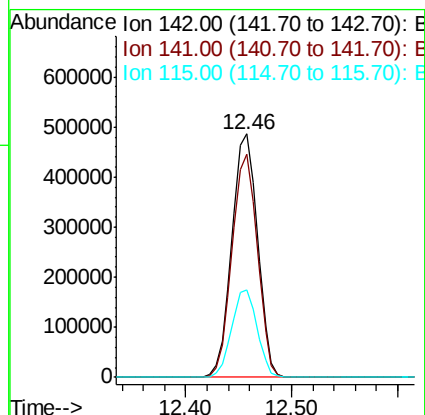
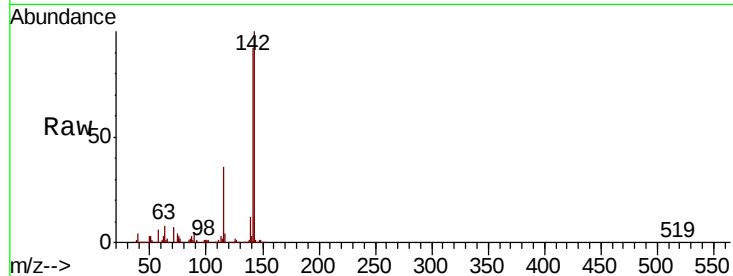




#37
 2-Methylnaphthalene
 Concen: 41.559 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

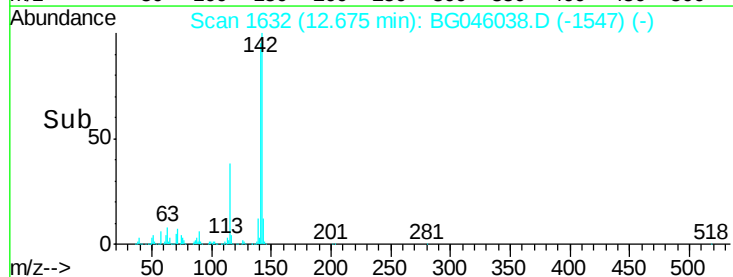
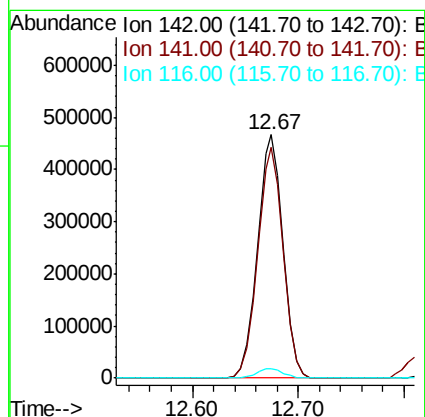
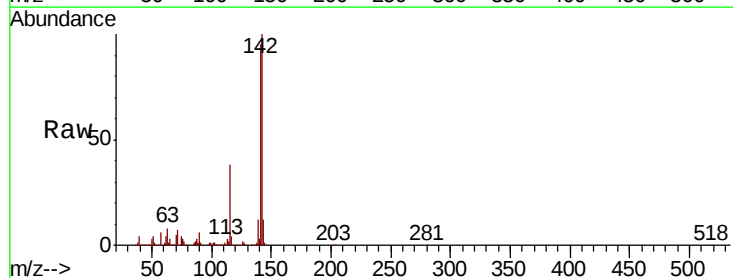
Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

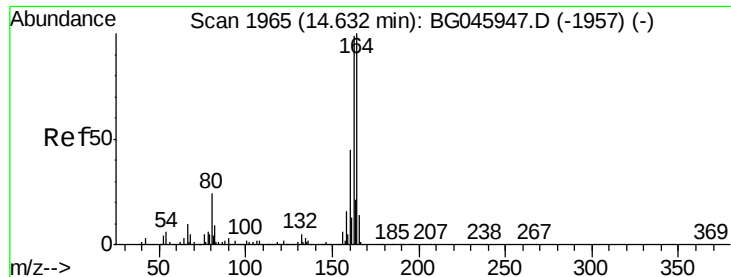
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.6
115	35.8	28.8	43.2



#38
 1-Methylnaphthalene
 Concen: 42.033 ng
 RT: 12.67 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.2	112.8
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

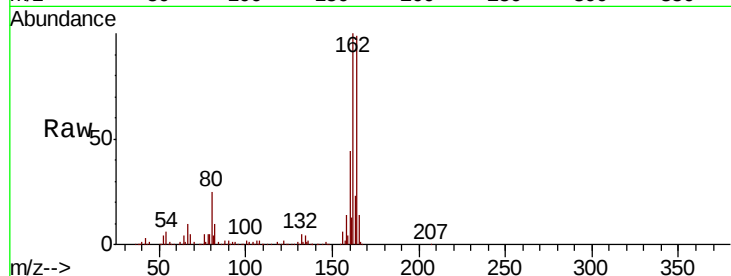
Tot Ion:164 Resp: 312382

Ion Ratio Lower Upper

164 100

162 100.9 79.3 118.9

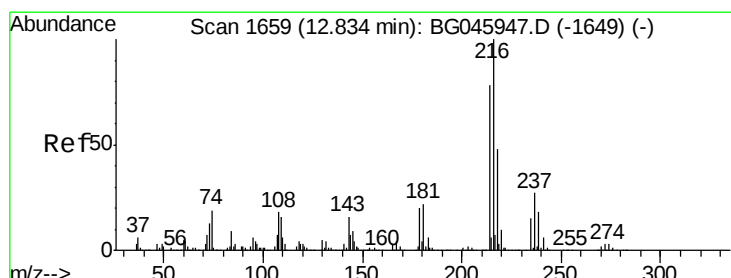
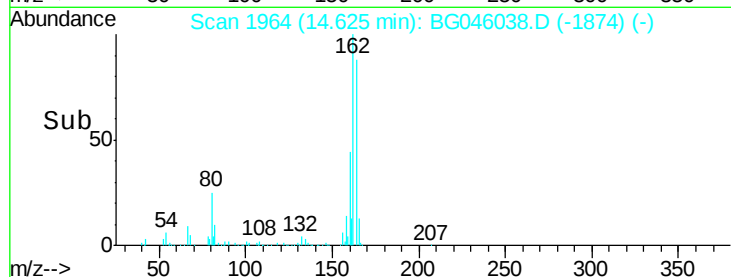
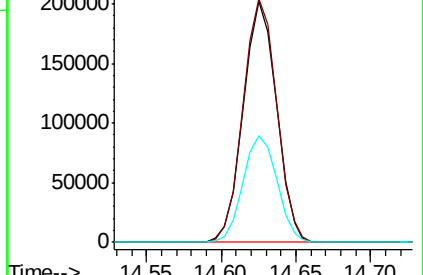
160 44.0 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.686 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:216 Resp: 349470

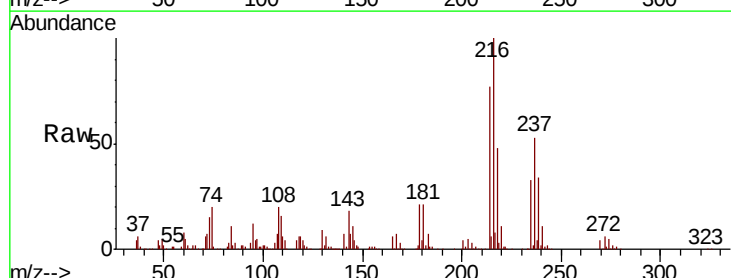
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 21.4 17.0 25.6

108 25.4 17.3 25.9

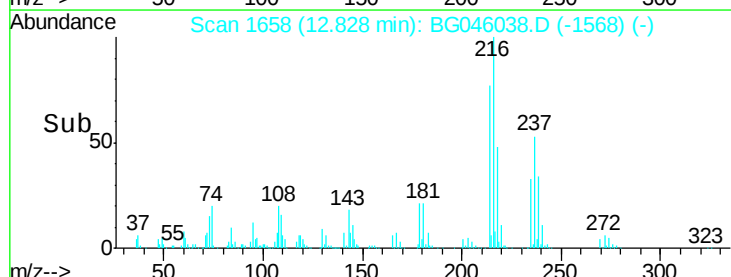
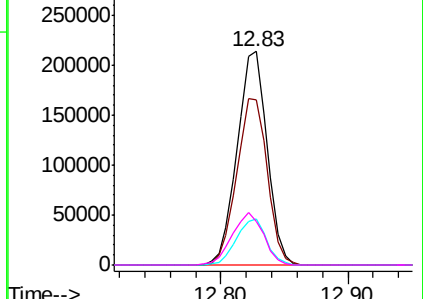


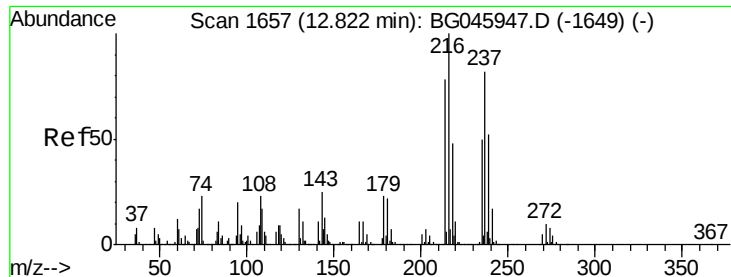
Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.751 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

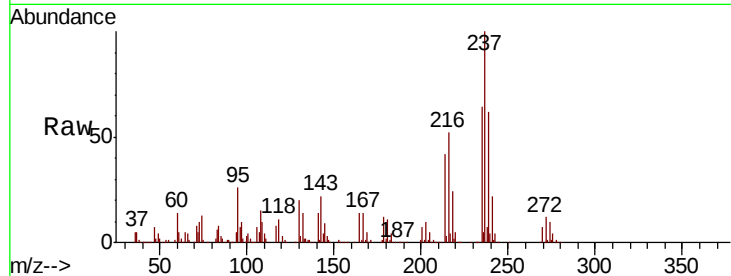
Tot Ion:237 Resp: 448053

Ion Ratio Lower Upper

237 100

235 64.2 41.5 81.5

272 11.8 0.0 31.7

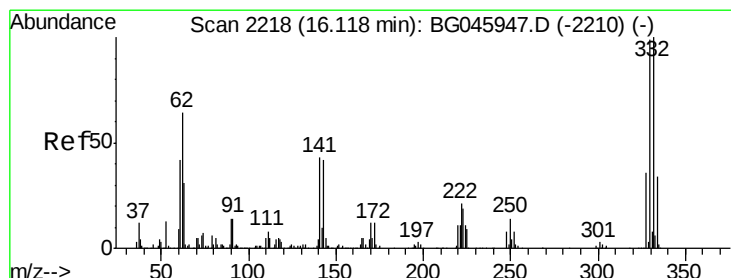
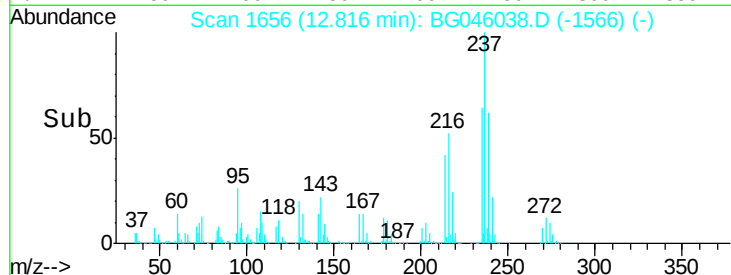
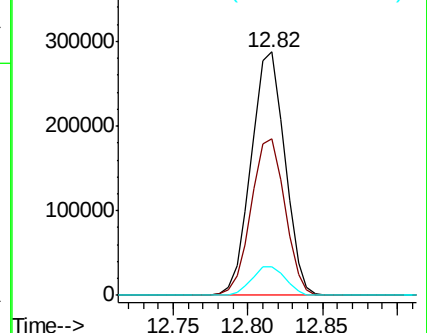


Abundance

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: 111.808 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

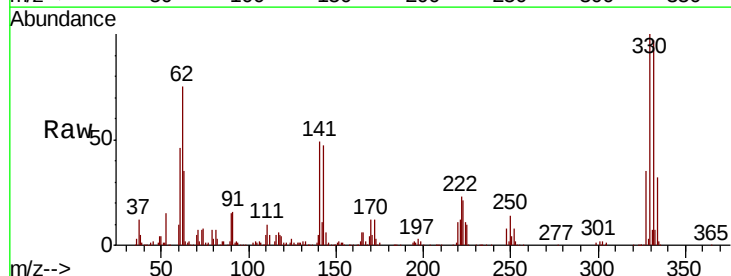
Tgt Ion:330 Resp: 324158

Ion Ratio Lower Upper

330 100

332 97.1 78.3 117.5

141 47.4 36.6 54.8

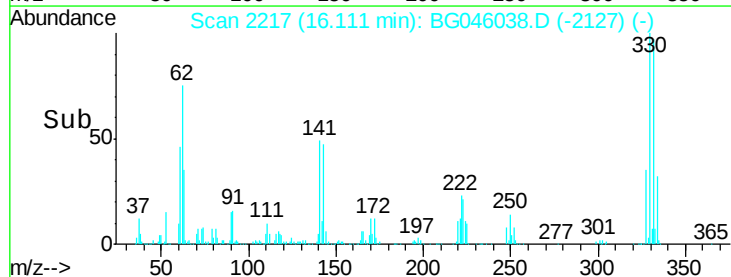
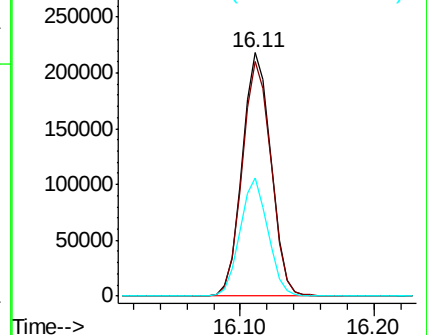


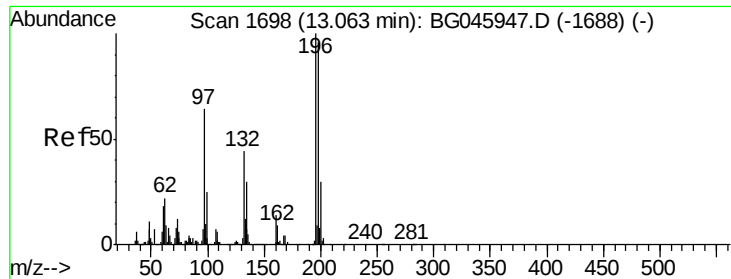
Abundance

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: 44.937 ng

RT: 13.06 min Scan# 1698

Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

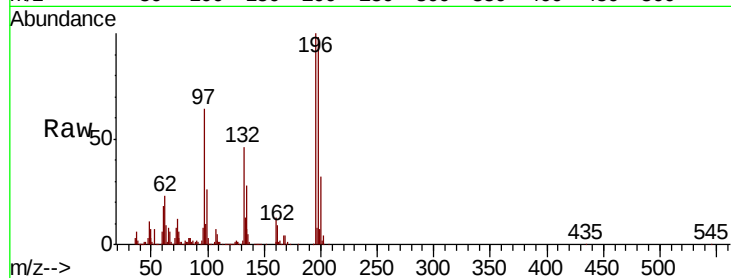
BNA_G

ClientSampleId :

PB130200BS

Tot Ion:196 Resp: 267617

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.7	115.1
200	31.8	24.3	36.5

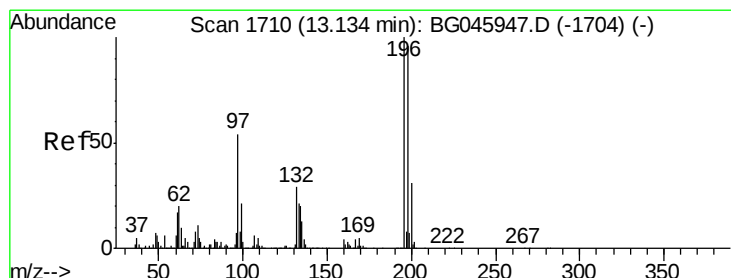
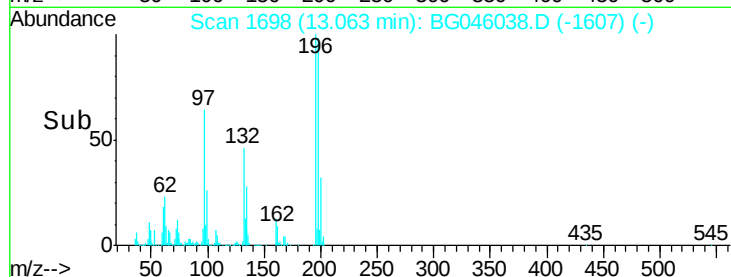
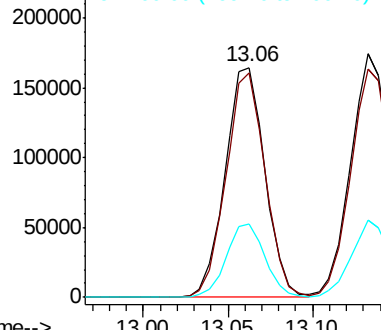


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 42.537 ng

RT: 13.13 min Scan# 1710

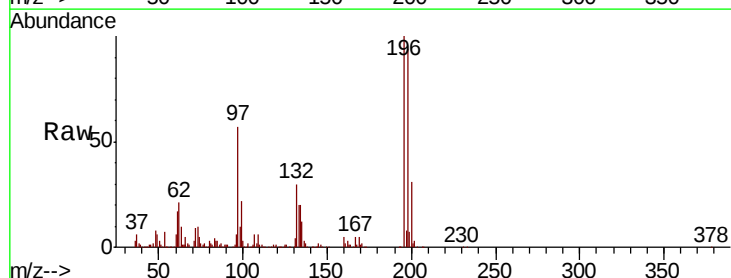
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:196 Resp: 286422

Ion	Ratio	Lower	Upper
196	100		
198	93.7	77.0	115.6
97	57.1	44.3	66.5
132	29.8	23.1	34.7



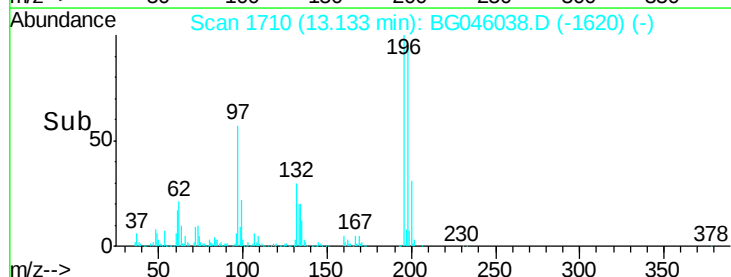
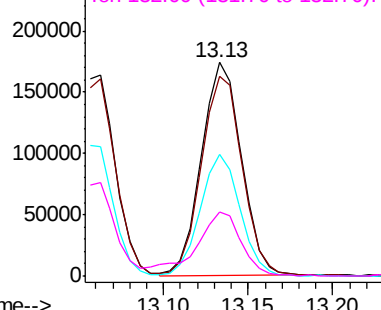
Abundance

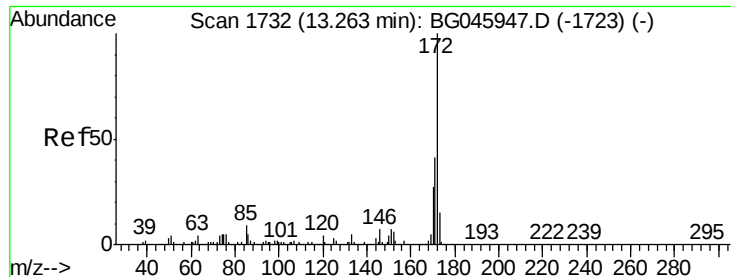
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

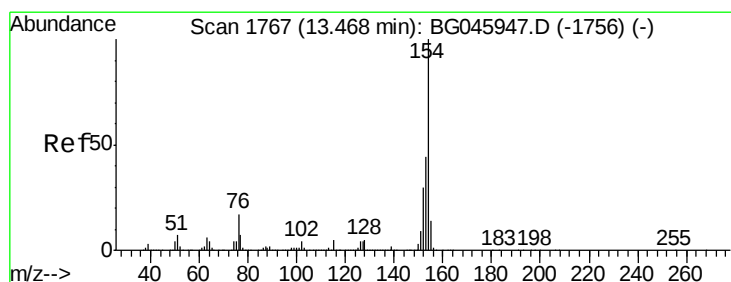
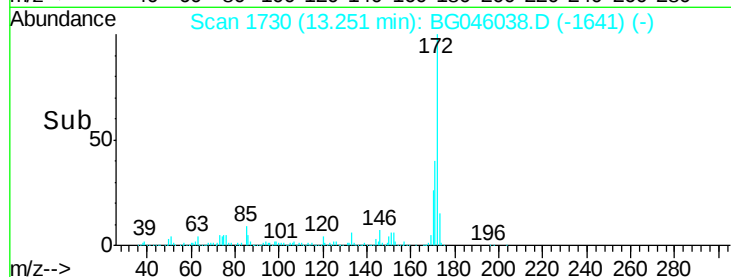
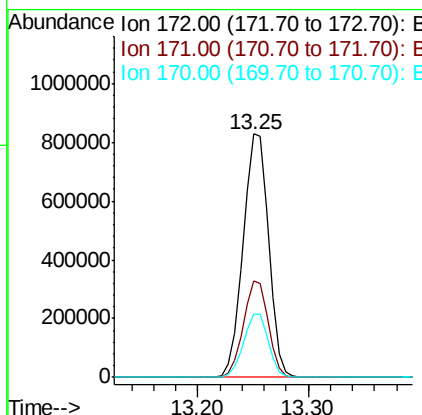
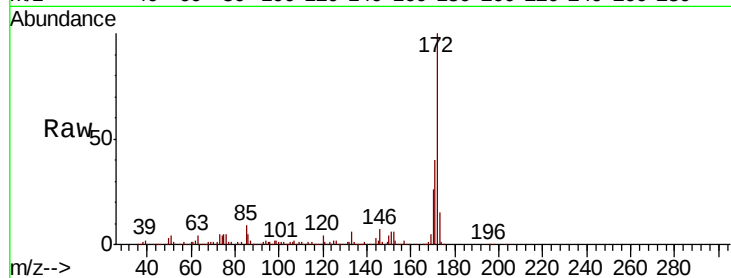




#45
 2-Fluorobiphenyl
 Concen: 67.134 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

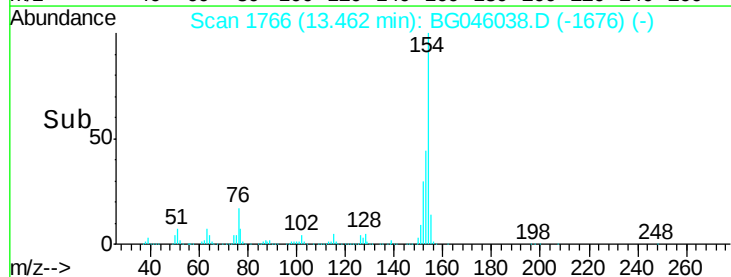
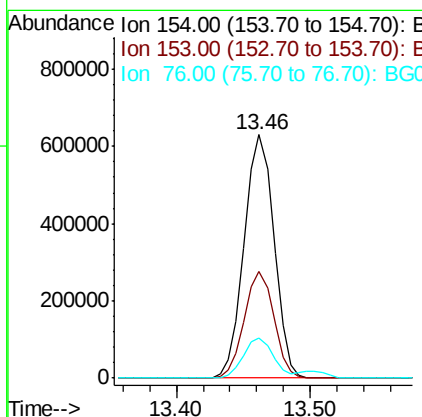
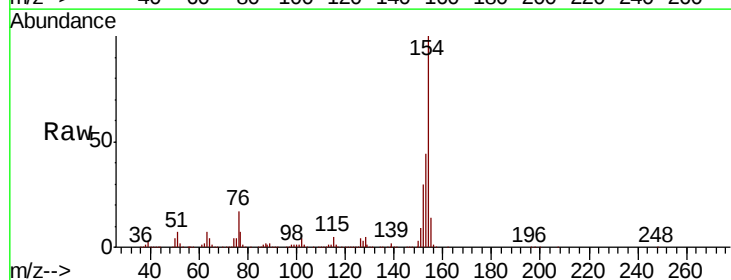
Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

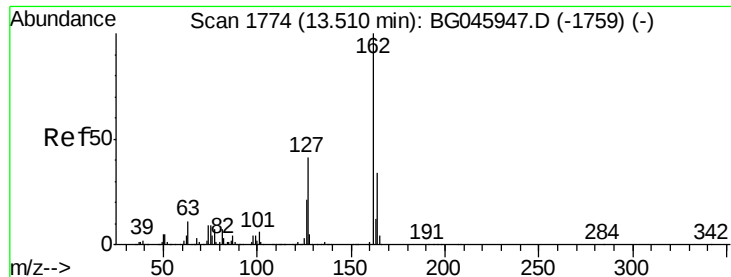
Tot Ion:172 Resp: 1344479
 Ion Ratio Lower Upper
 172 100
 171 39.7 32.9 49.3
 170 26.2 21.8 32.6



#46
 1,1'-Biphenyl
 Concen: 41.466 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion:154 Resp: 974432
 Ion Ratio Lower Upper
 154 100
 153 43.7 23.6 63.6
 76 16.7 0.0 36.9

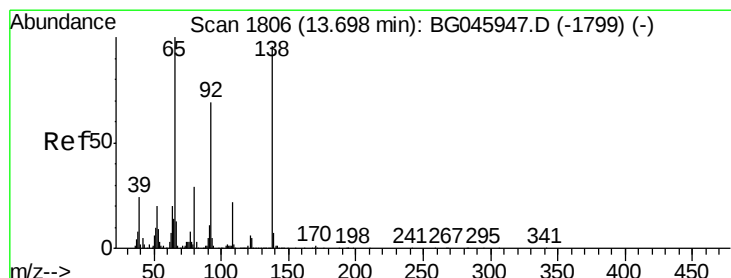
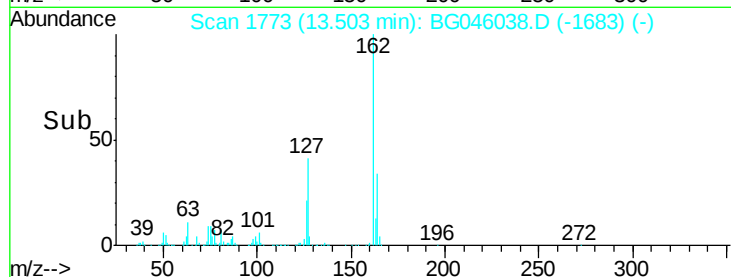
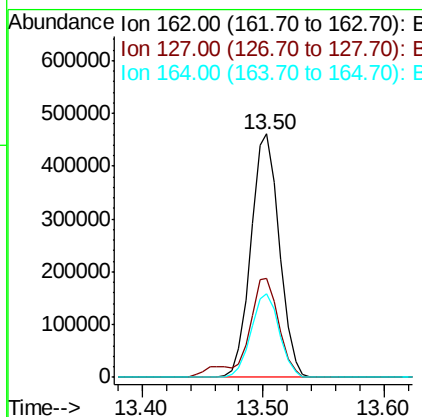
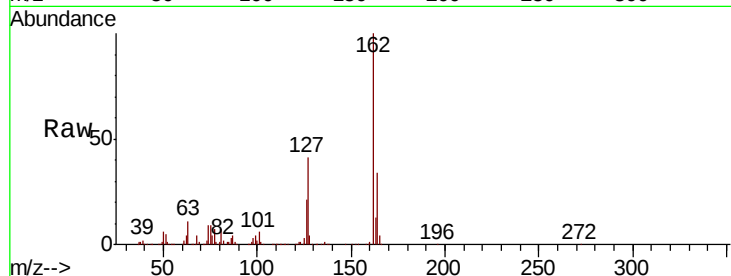




#47
2-Chloronaphthalene
Concen: 40.603 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

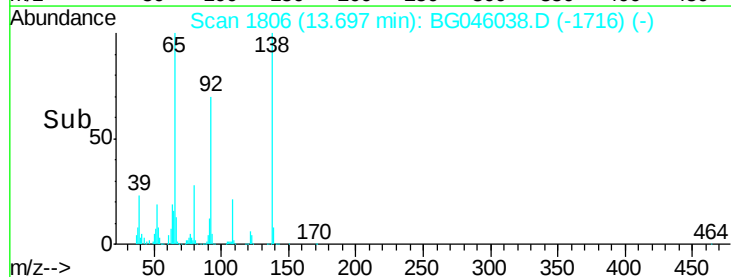
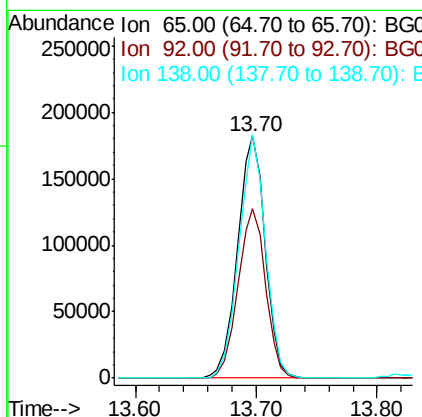
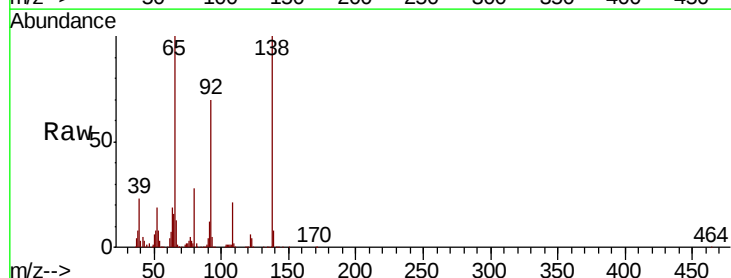
Instrument :
BNA_G
ClientSampleId :
PB130200BS

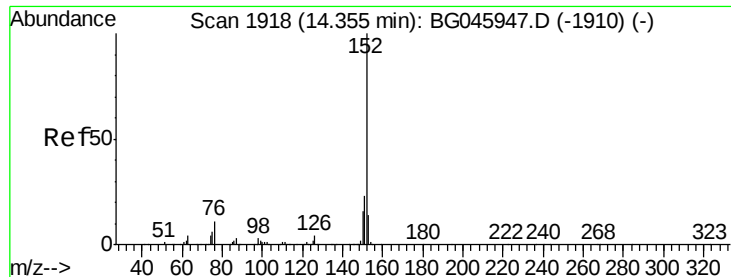
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.5	48.7
164	34.1	27.2	40.8



#48
2-Nitroaniline
Concen: 55.172 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.4	83.0
138	100.5	77.0	115.4





#49

Acenaphthylene

Concen: 41.208 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

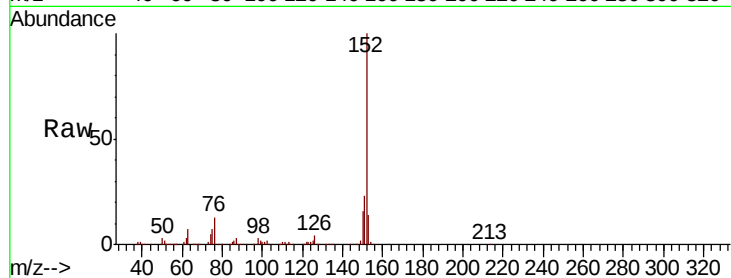
BNA_G

ClientSampleId :

PB130200BS

Tot Ion:152 Resp: 1232717

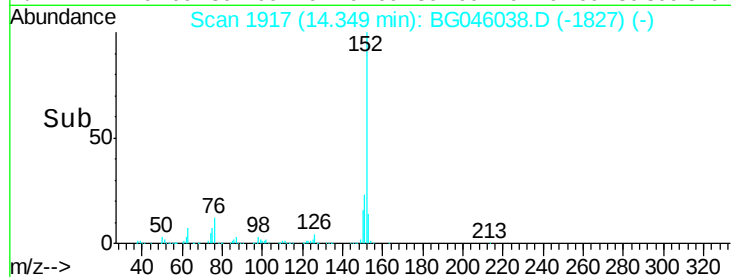
Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.1	27.1
153	14.0	11.5	17.3



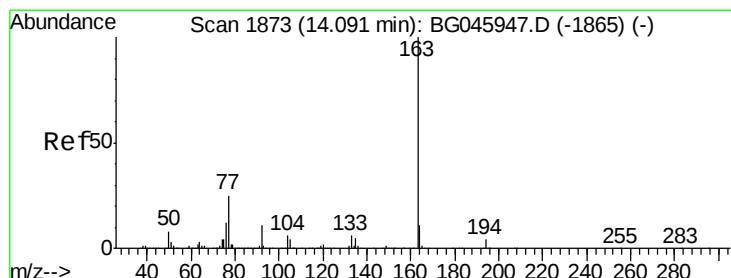
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 41.217 ng

RT: 14.08 min Scan# 1872

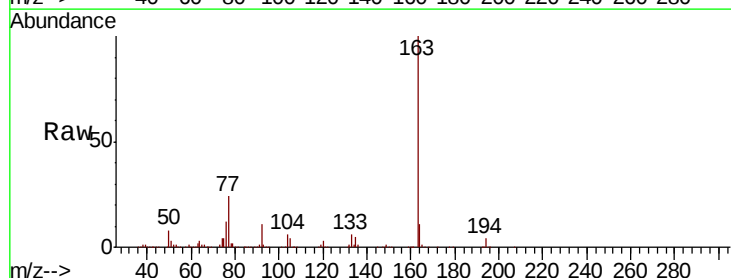
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:163 Resp: 966268

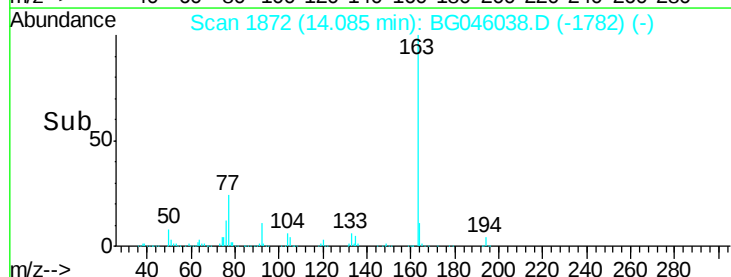
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	11.1	8.9	13.3



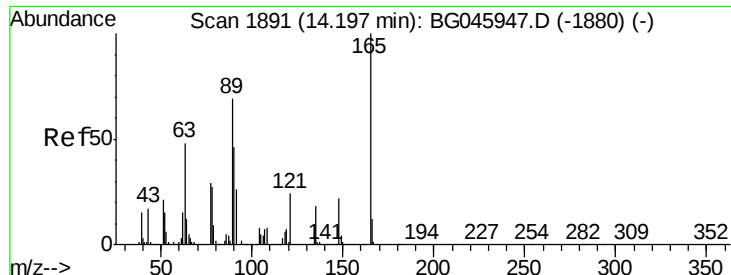
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



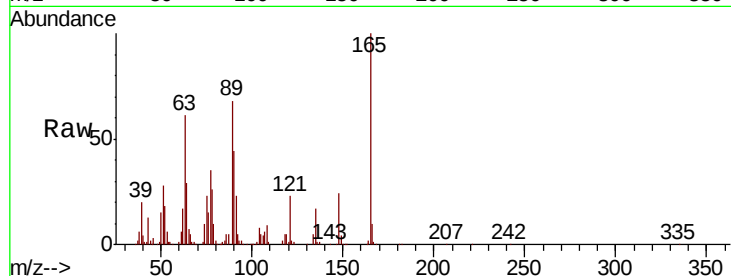
Time-->



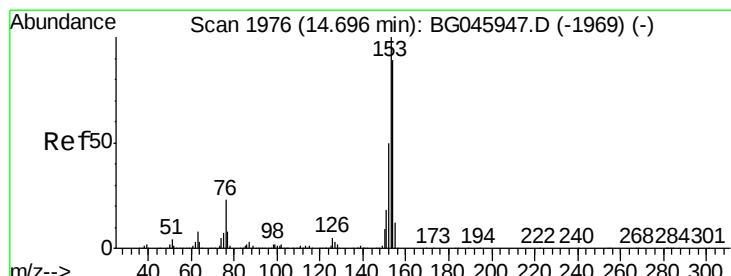
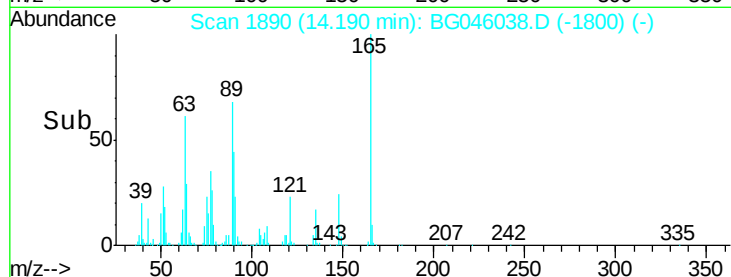
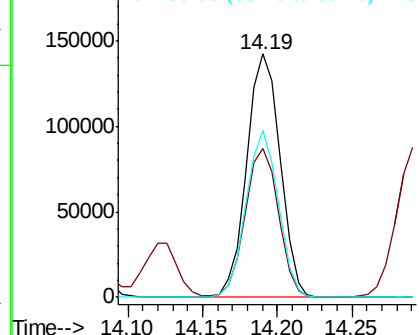
#51
 2,6-Dinitrotoluene
 Concen: 52.248 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Tot Ion:165 Resp: 220400
 Ion Ratio Lower Upper
 165 100
 63 61.0 51.0 76.4
 89 68.3 55.7 83.5

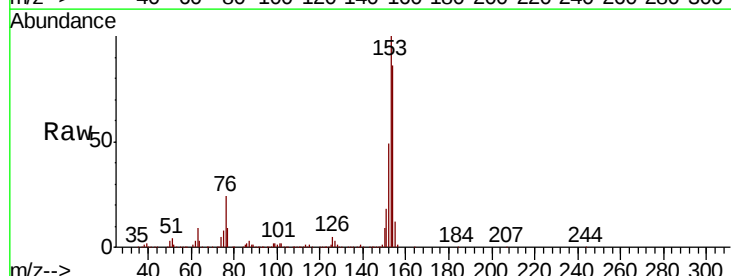


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

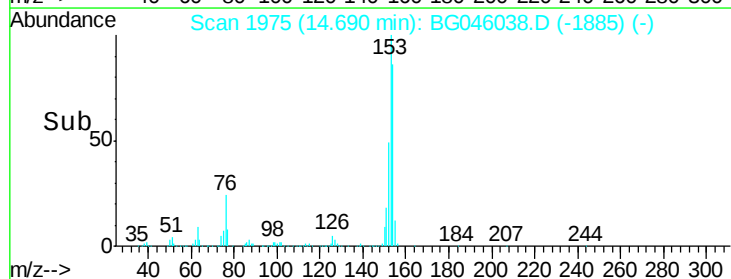
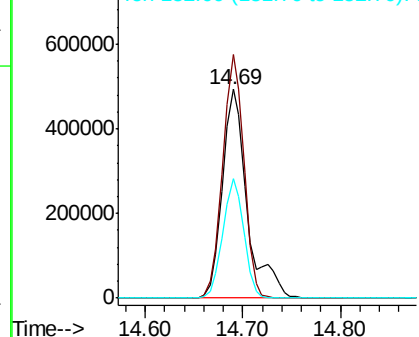


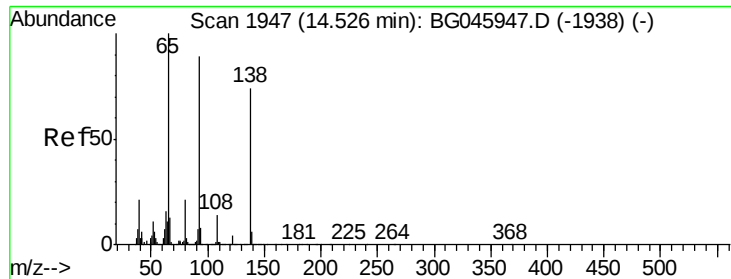
#52
 Acenaphthene
 Concen: 46.239 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion:154 Resp: 872474
 Ion Ratio Lower Upper
 154 100
 153 116.5 89.7 134.5
 152 57.1 44.7 67.1



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

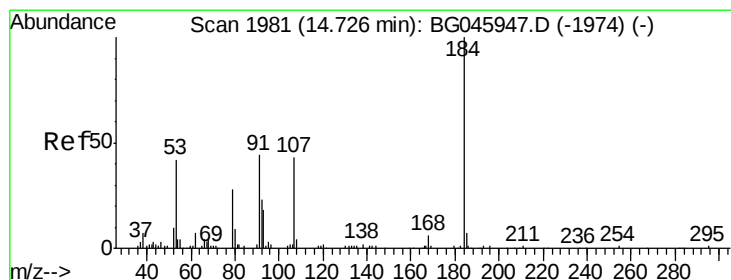
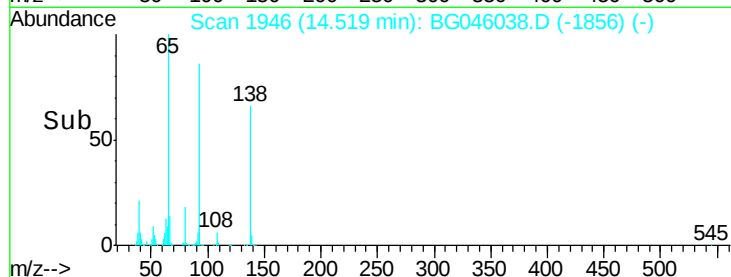
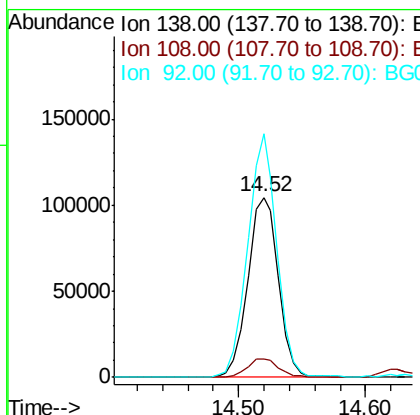
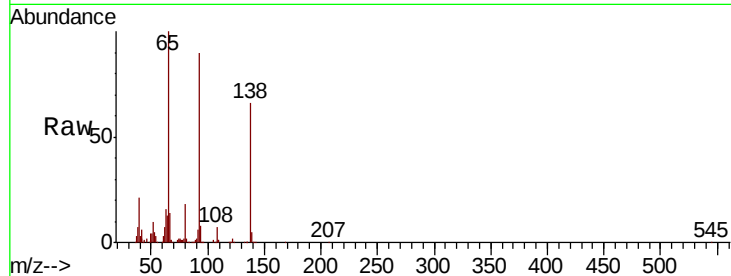




#53
 3-Nitroaniline
 Concen: 34.948 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

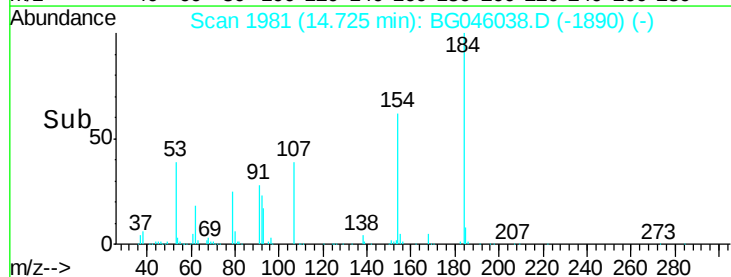
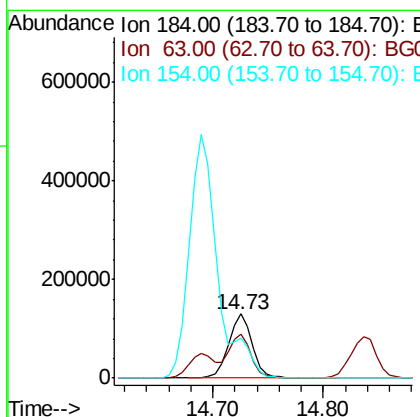
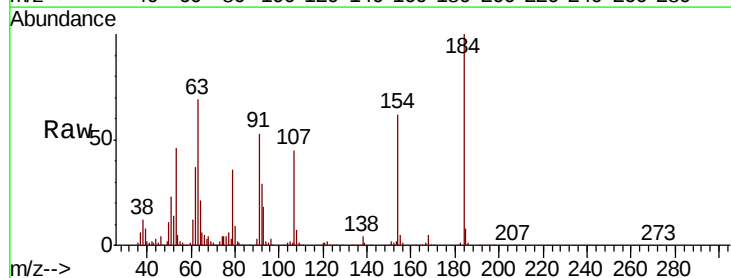
Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

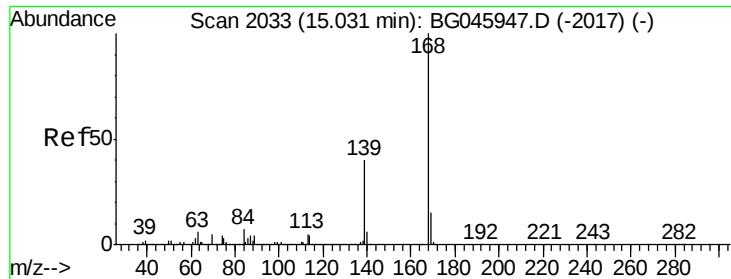
Tot Ion:138 Resp: 175359
 Ion Ratio Lower Upper
 138 100
 108 10.4 15.4 23.2#
 92 135.1 95.9 143.9



#54
 2,4-Dinitrophenol
 Concen: 120.952 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.01 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion:184 Resp: 195039
 Ion Ratio Lower Upper
 184 100
 63 69.0 46.0 69.0#
 154 62.2 58.2 87.2

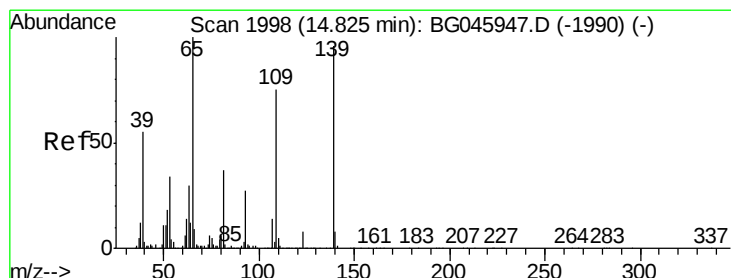
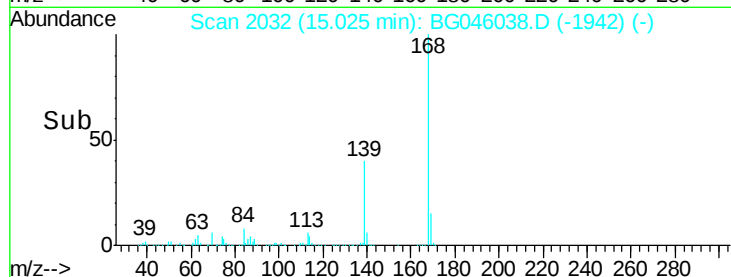
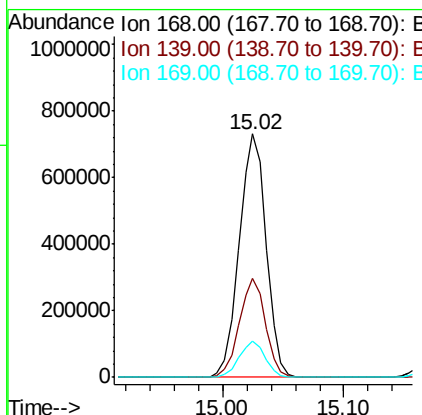
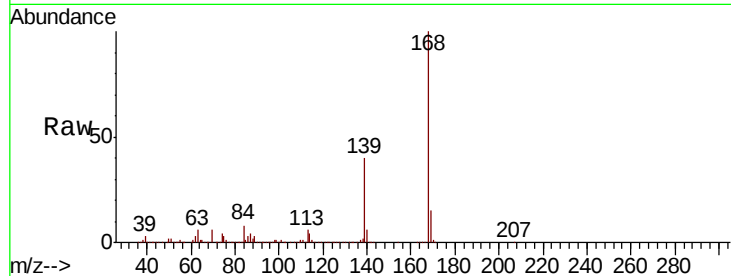




#55
Dibenzofuran
Concen: 40.945 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

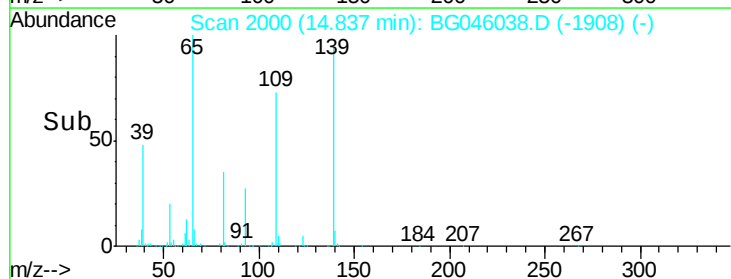
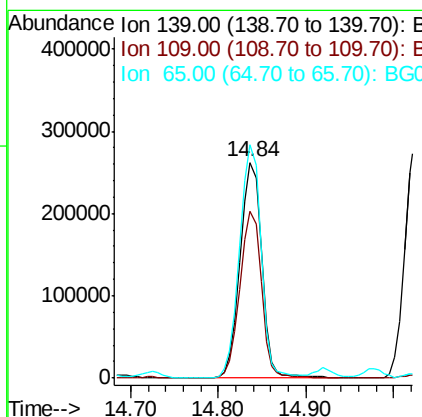
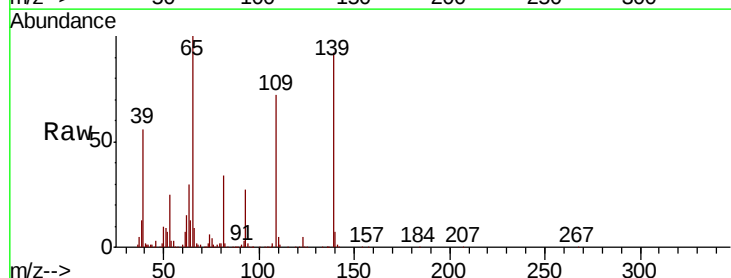
Instrument :
BNA_G
ClientSampleId :
PB130200BS

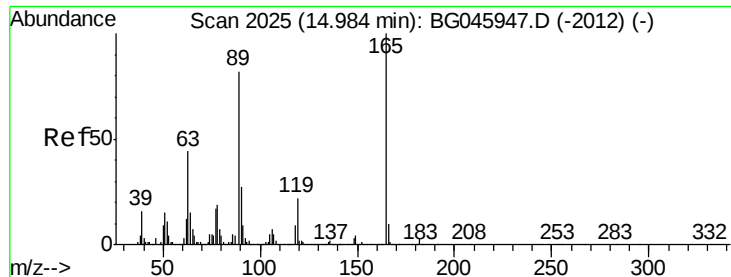
Tot Ion:168 Resp: 1132516
Ion Ratio Lower Upper
168 100
139 40.4 32.2 48.2
169 14.9 11.8 17.8



#56
4-Nitrophenol
Concen: 114.424 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion:139 Resp: 437033
Ion Ratio Lower Upper
139 100
109 77.4 58.5 98.5
65 108.1 84.7 124.7

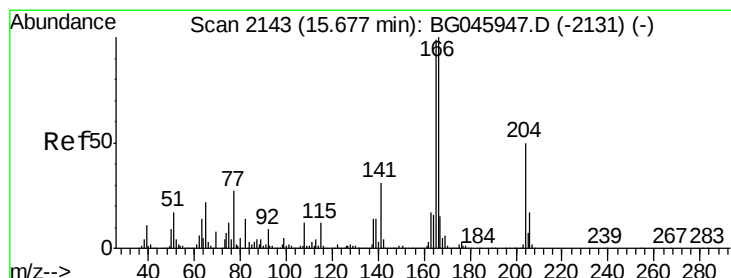
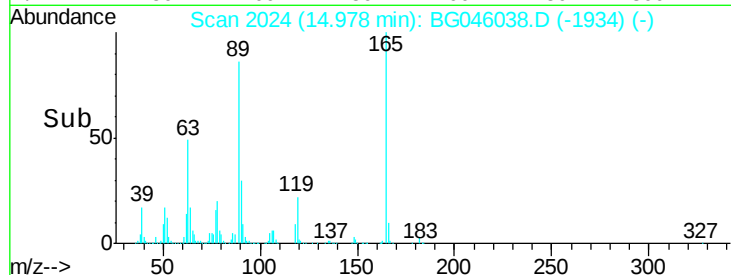
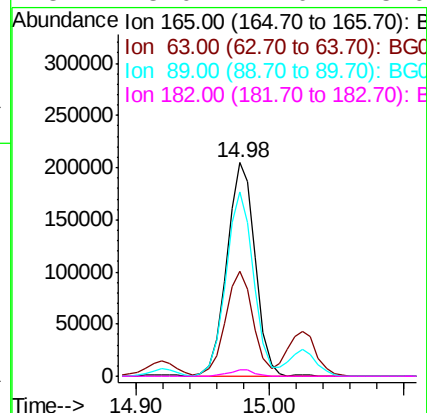
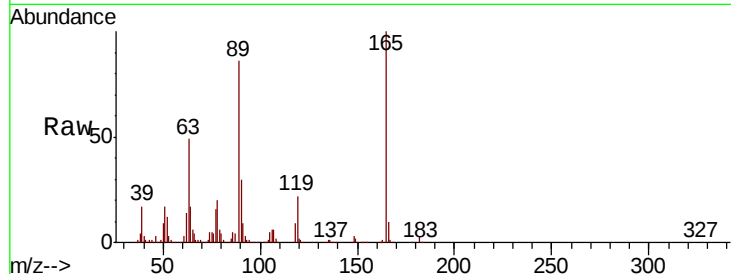




#57
 2,4-Dinitrotoluene
 Concen: 55.878 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

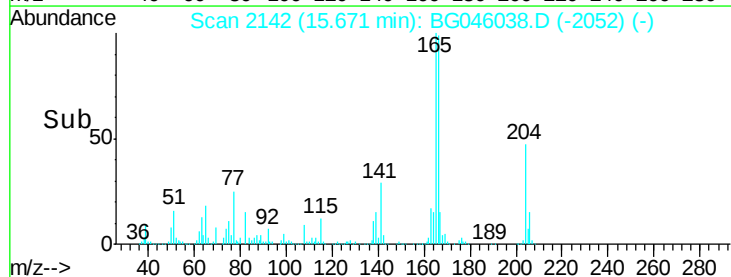
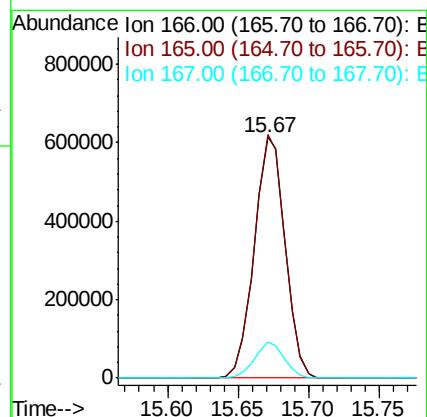
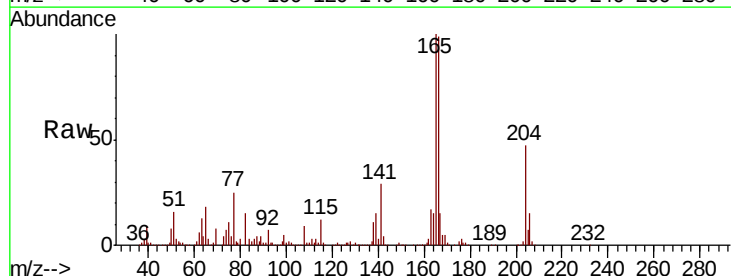
Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

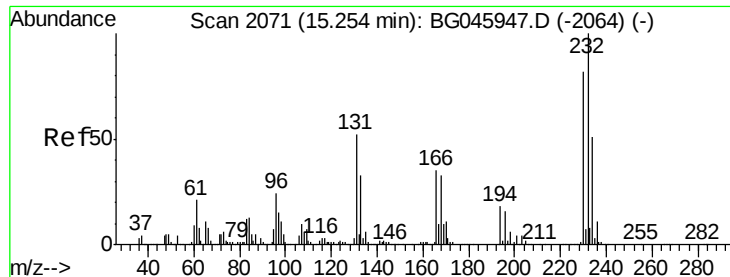
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	35.4	53.0
89	86.4	65.4	98.2
182	3.0	2.0	3.0



#58
 Fluorene
 Concen: 41.727 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	78.9	118.3
167	15.0	12.1	18.1

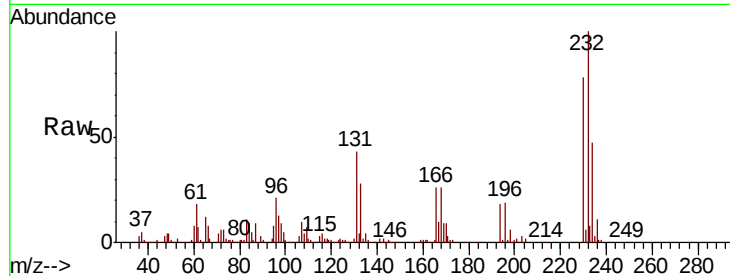




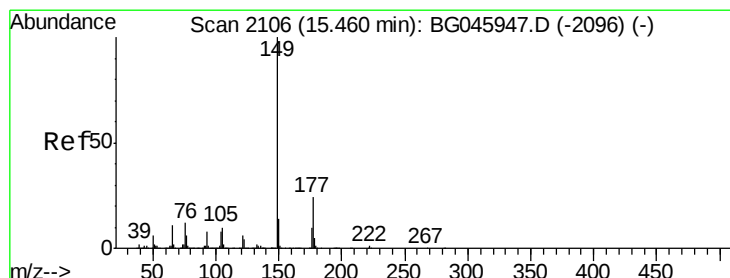
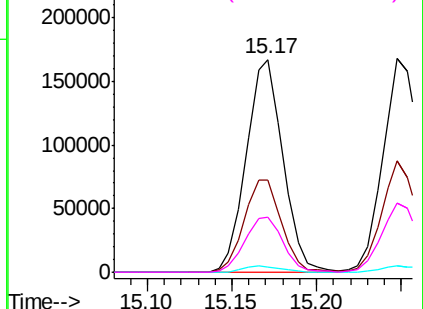
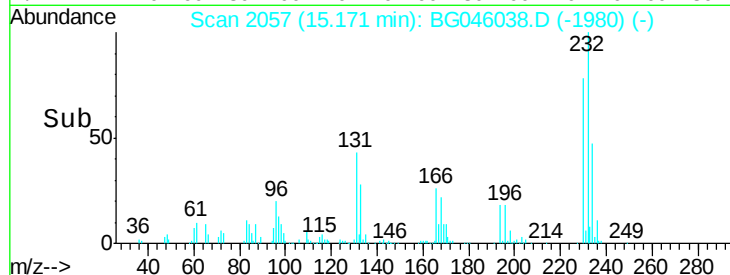
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.704 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. -0.08 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Tot Ion:232	Resp:	253203	
Ion Ratio	Lower	Upper	
232	100		
131	44.4	35.8	53.6
130	2.9	2.5	3.7
166	26.9	21.8	32.8

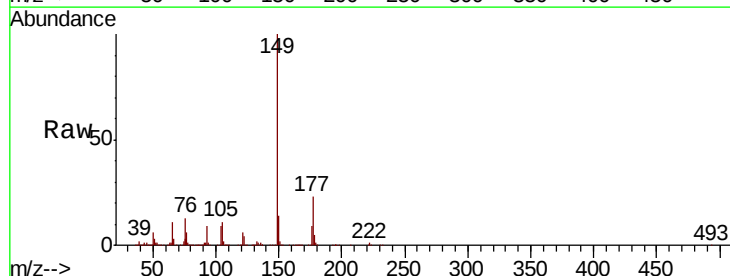


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

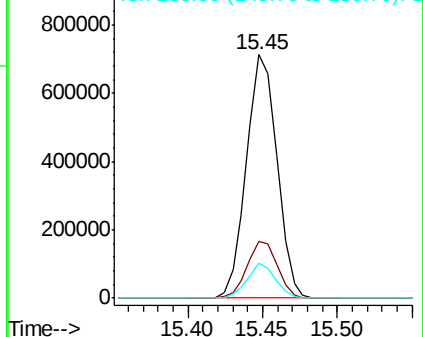
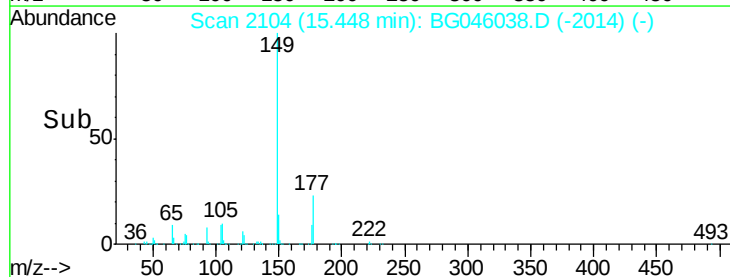


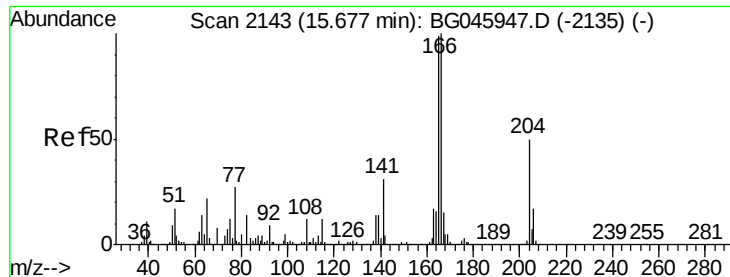
#60
 Diethylphthalate
 Concen: 40.926 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion:149	Resp: 1006197
Ion Ratio	Lower Upper
149 100	
177 23.5	19.0 28.4
150 14.2	11.0 16.4



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

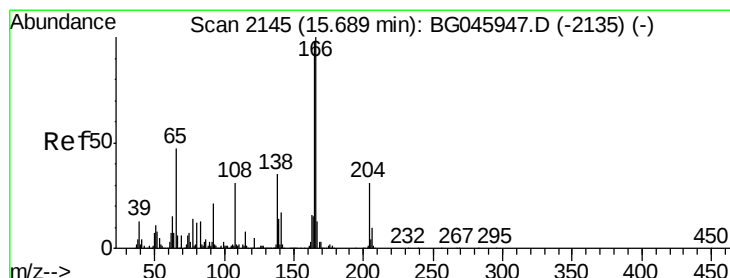
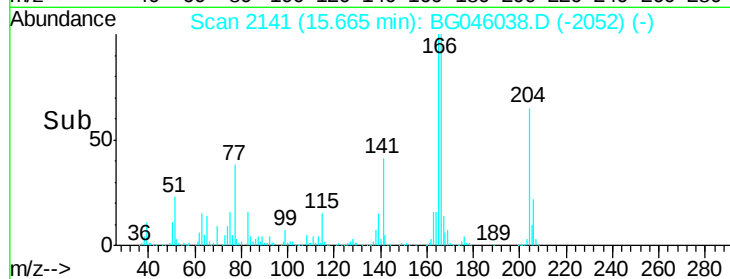
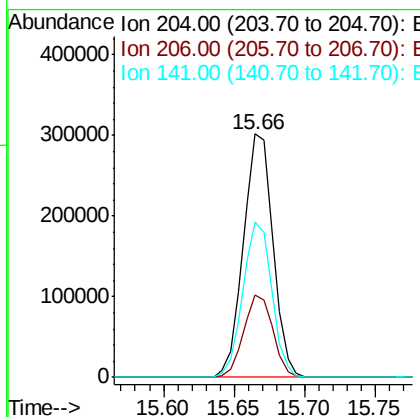
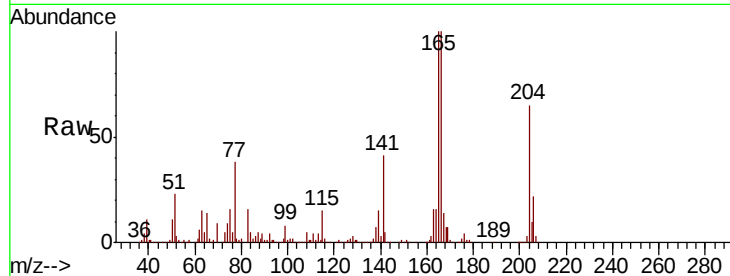




#61
 4-Chlorophenyl-phenylether
 Concen: 39.225 ng
 RT: 15.66 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

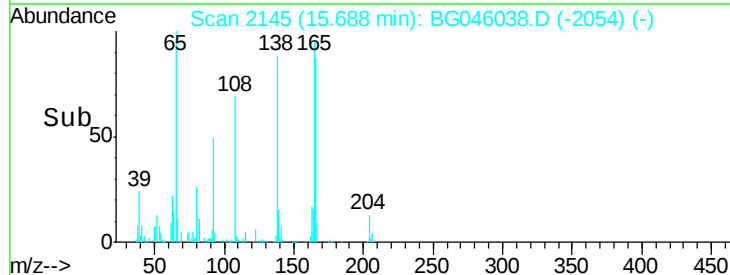
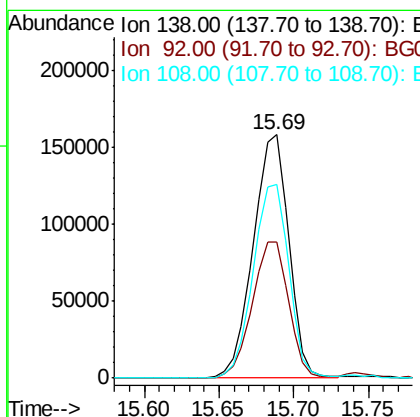
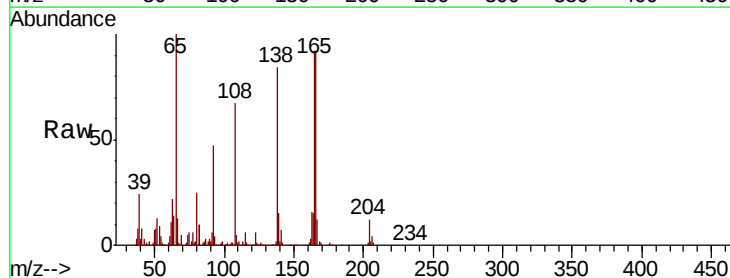
Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

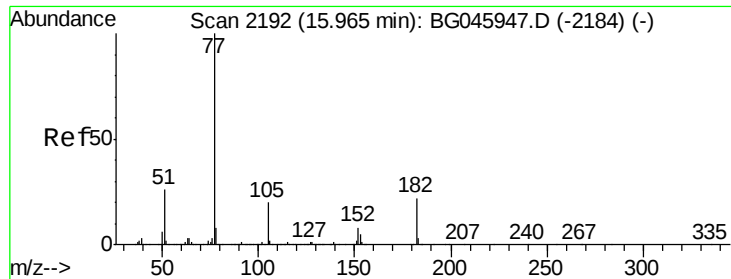
Tot Ion:204 Resp: 442784
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.1 40.7
 141 63.8 49.8 74.8



#62
 4-Nitroaniline
 Concen: 53.917 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion:138 Resp: 261243
 Ion Ratio Lower Upper
 138 100
 92 56.0 40.3 80.3
 108 79.7 68.0 108.0

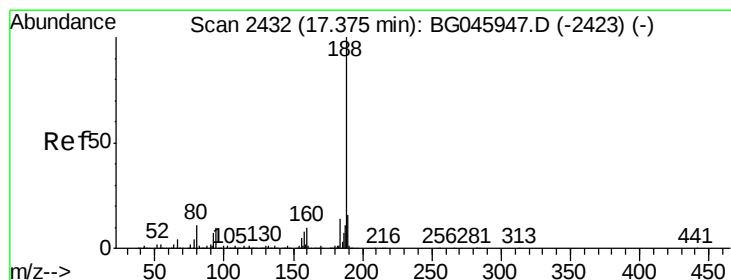
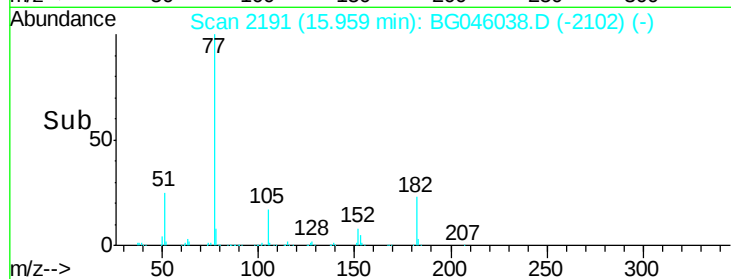
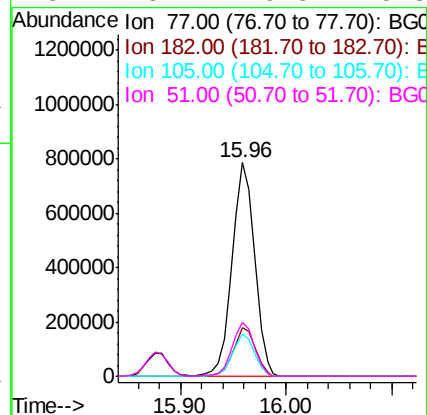
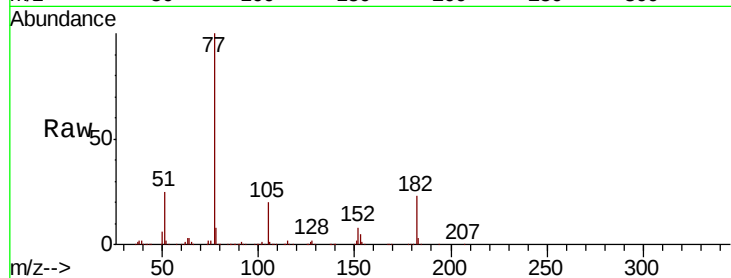




#63
Azobenzene
Concen: 43.536 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

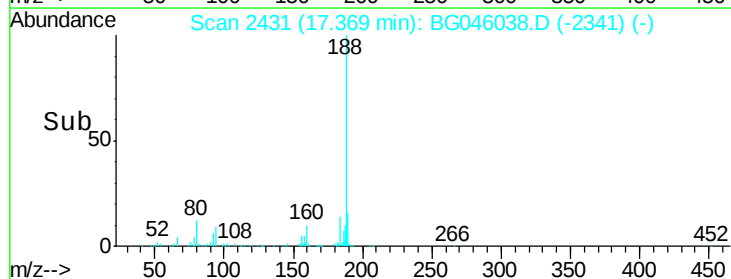
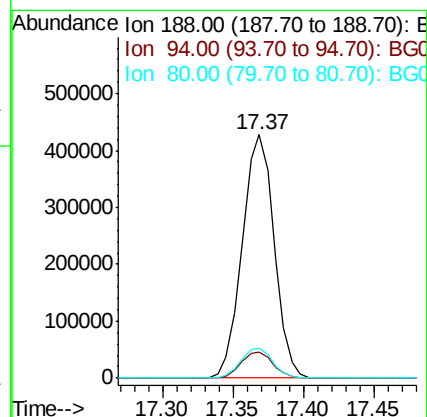
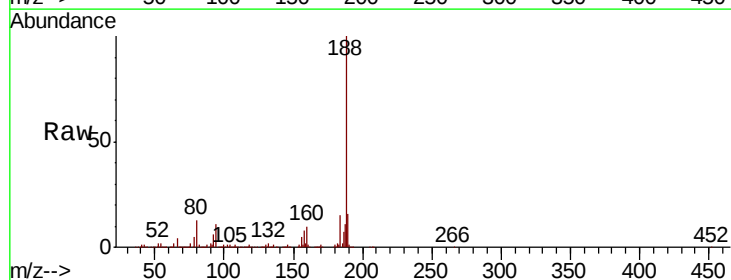
Instrument :
BNA_G
ClientSampleId :
PB130200BS

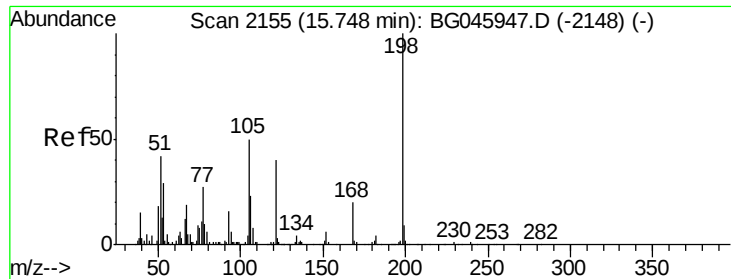
Tot Ion: 77 Resp: 1148819
Ion Ratio Lower Upper
77 100
182 22.5 2.4 42.4
105 19.8 0.3 40.3
51 25.4 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion: 188 Resp: 675171
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.4
80 12.5 9.0 13.6

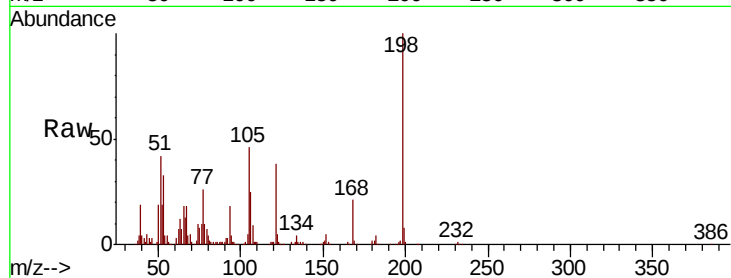




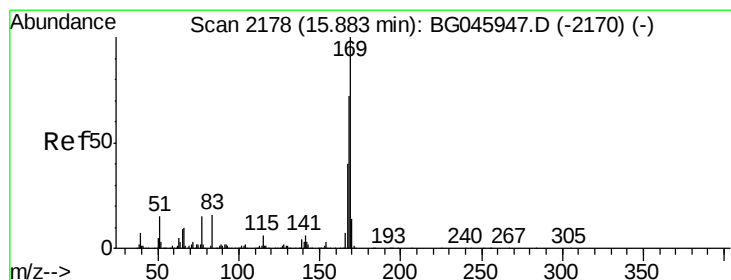
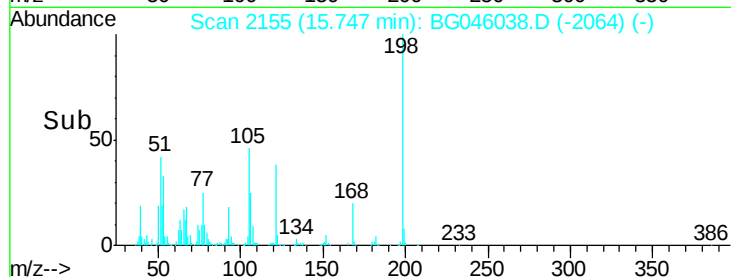
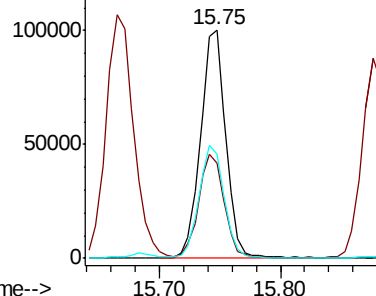
#65
 4,6-Dinitro-2-methylphenol
 Concen: 60.552 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampled :
 PB130200BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.8	24.5	64.5
105	45.7	30.9	70.9

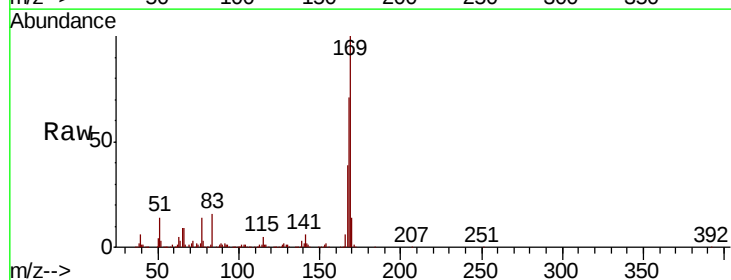


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

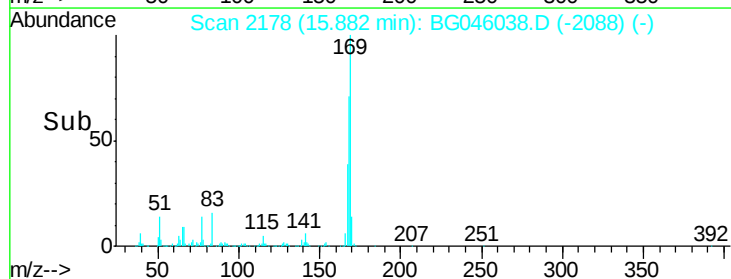
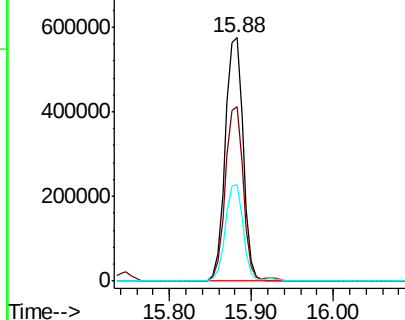


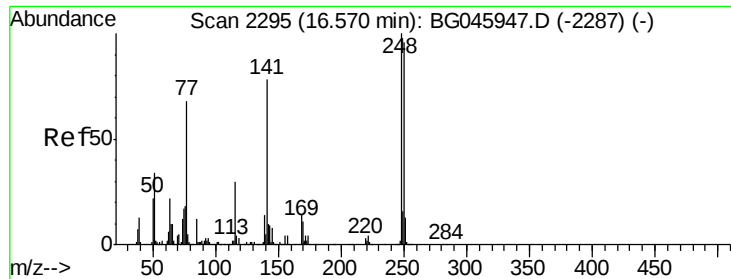
#66
 n-Nitrosodiphenylamine
 Concen: 41.604 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.4	57.3	85.9
167	39.4	32.1	48.1



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

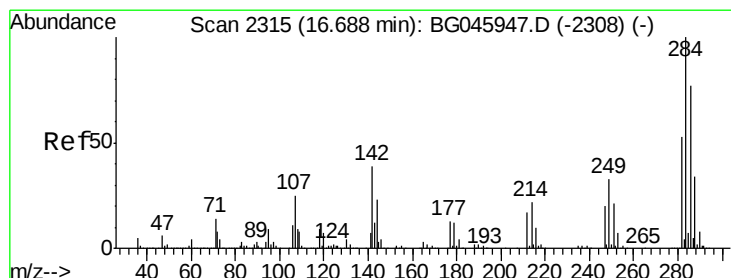
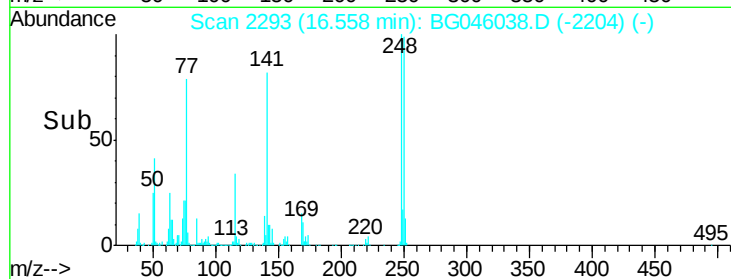
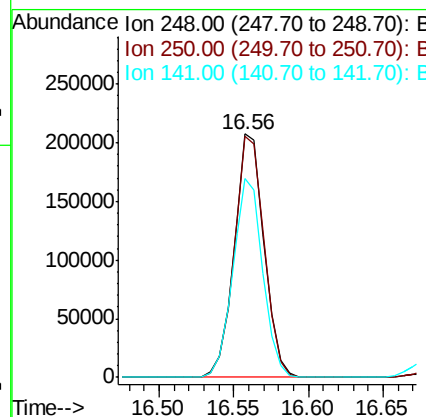
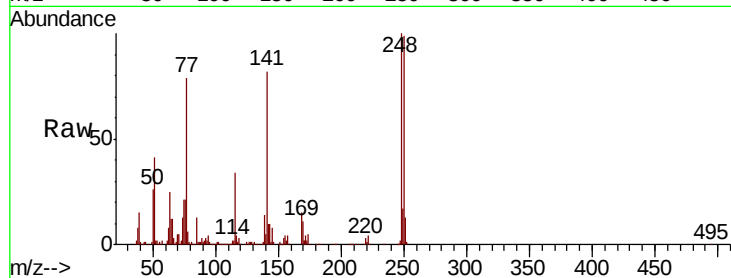




#67
4-Bromophenyl-phenylether
Concen: 38.405 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

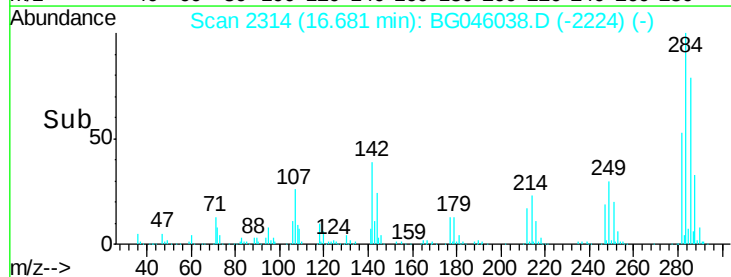
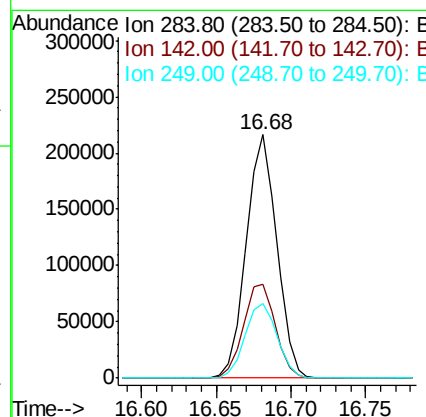
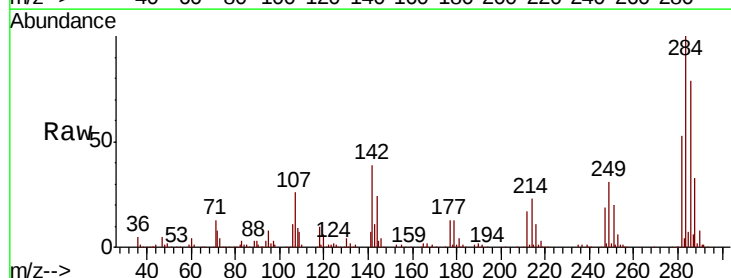
Instrument :
BNA_G
ClientSampled :
PB130200BS

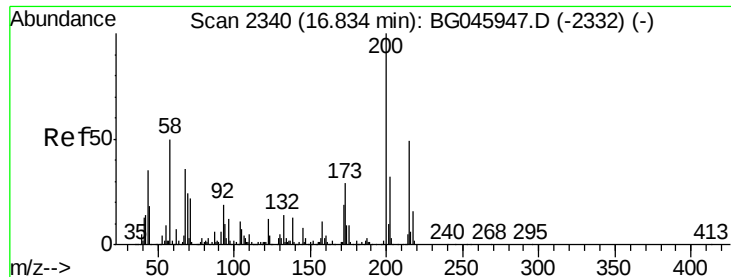
Tot Ion:248 Resp: 289598
Ion Ratio Lower Upper
248 100
250 98.8 76.6 114.8
141 81.5 62.7 94.1



#68
Hexachlorobenzene
Concen: 40.424 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion:284 Resp: 305889
Ion Ratio Lower Upper
284 100
142 38.6 31.3 46.9
249 30.5 26.8 40.2





#69

Atrazine

Concen: 46.811 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

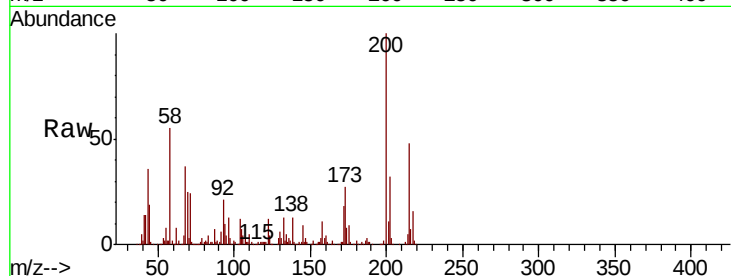
Tot Ion:200 Resp: 289570

Ion Ratio Lower Upper

200 100

173 27.3 9.1 49.1

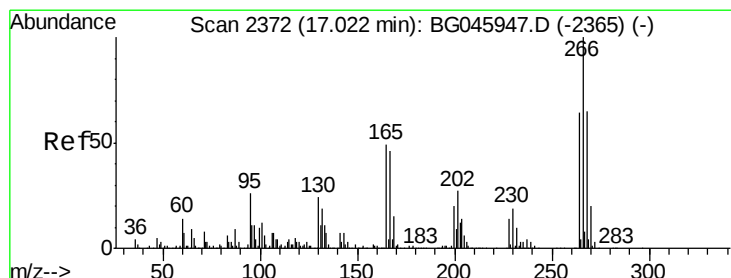
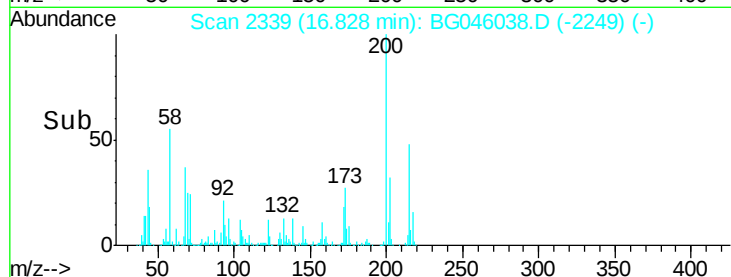
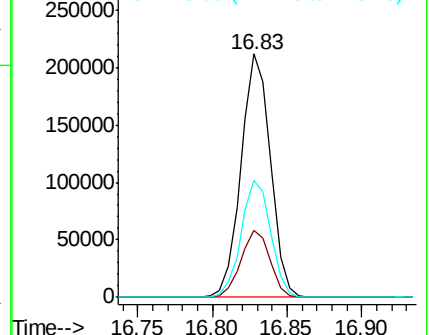
215 48.1 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 94.788 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

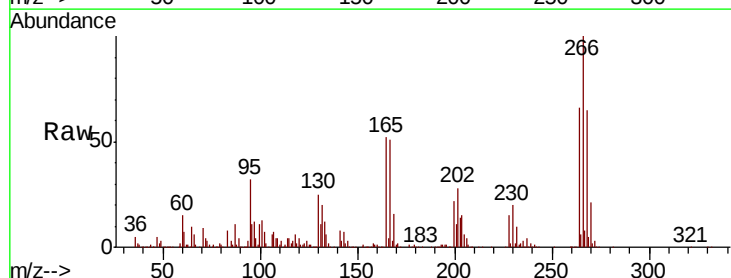
Tgt Ion:266 Resp: 398786

Ion Ratio Lower Upper

266 100

268 64.7 51.8 77.8

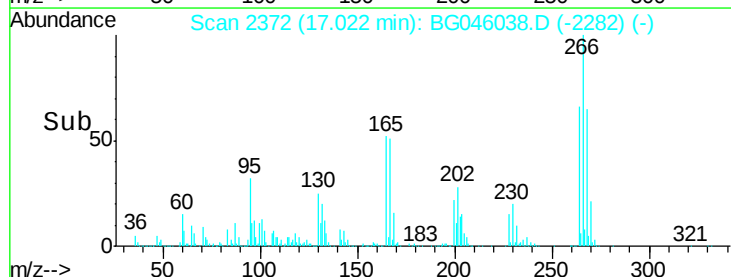
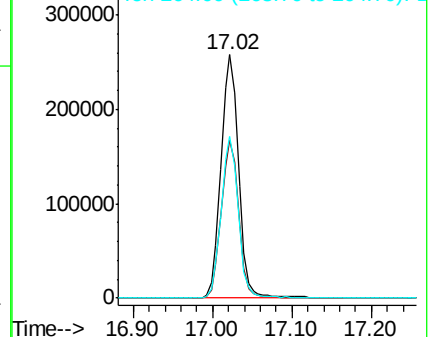
264 66.4 51.4 77.0

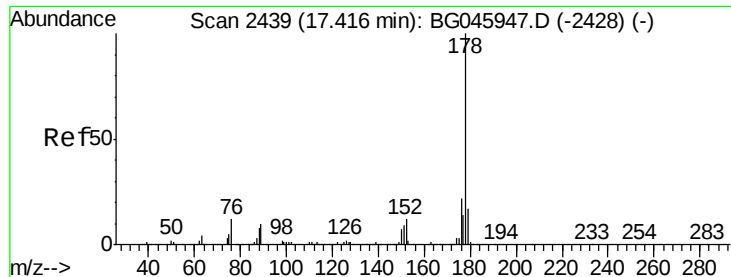


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.724 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

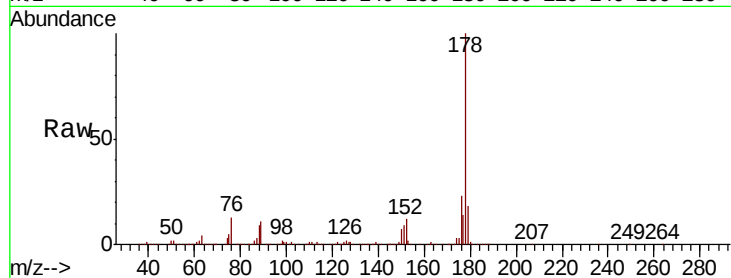
Tot Ion:178 Resp: 1489305

Ion Ratio Lower Upper

178 100

176 22.6 17.4 26.2

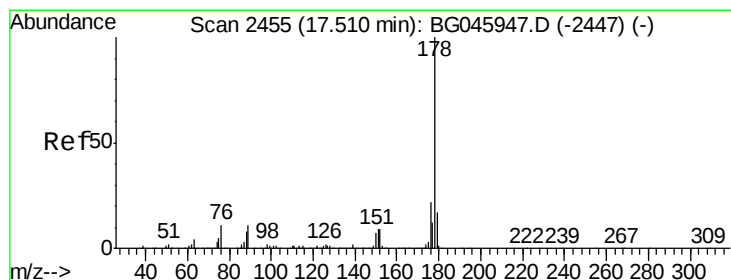
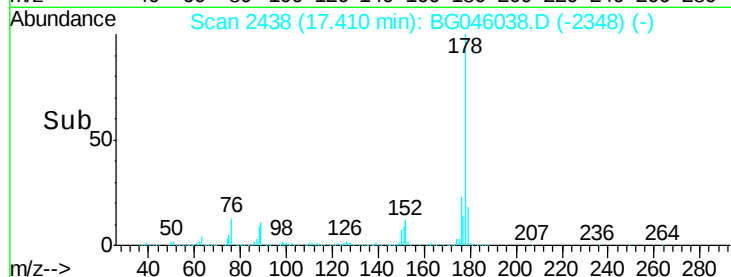
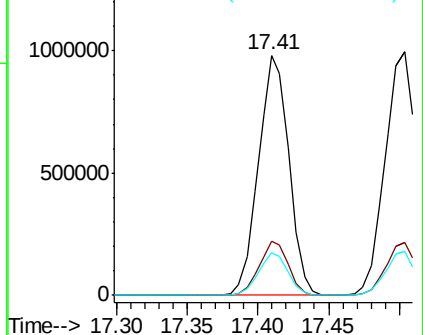
179 17.9 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.387 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

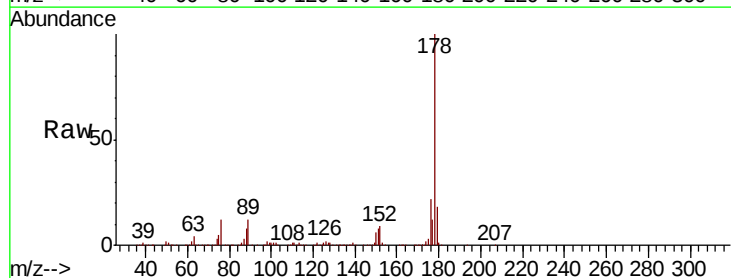
Tgt Ion:178 Resp: 1535435

Ion Ratio Lower Upper

178 100

176 21.7 17.2 25.8

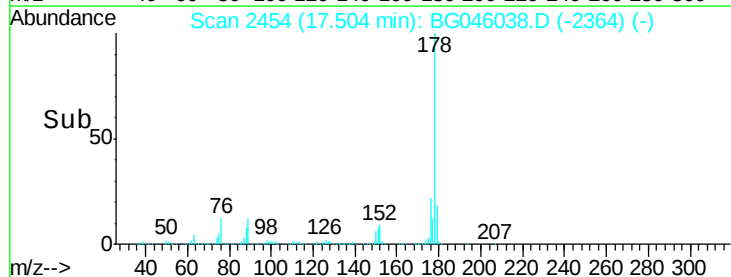
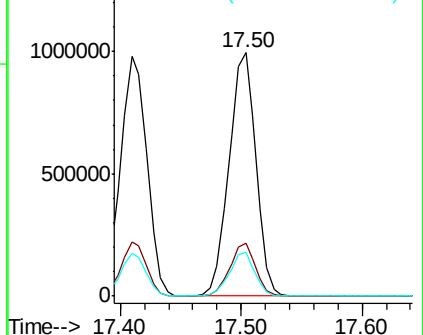
179 18.2 14.0 21.0

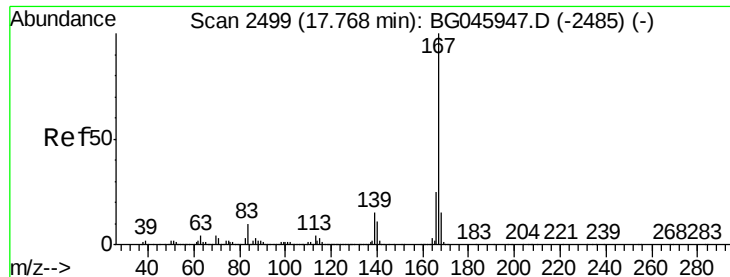


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.896 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

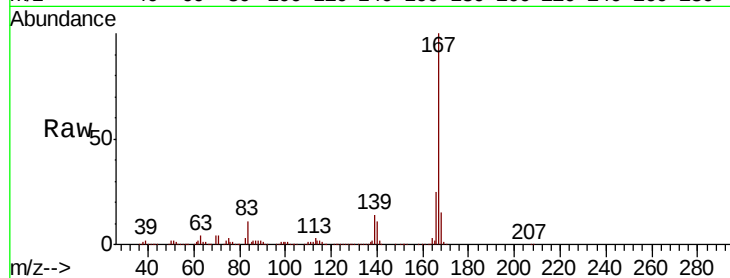
Tot Ion:167 Resp: 1521201

Ion Ratio Lower Upper

167 100

166 25.3 20.4 30.6

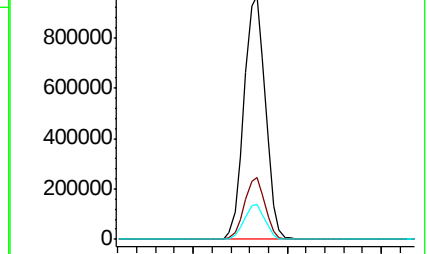
139 14.4 11.8 17.8



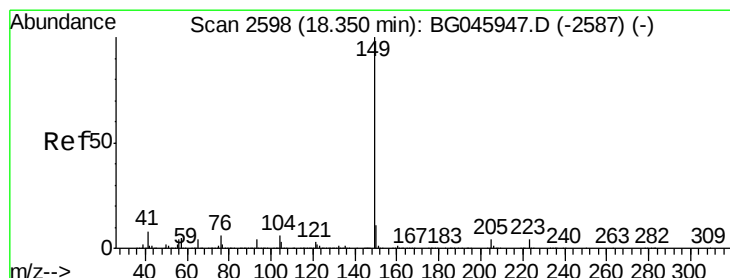
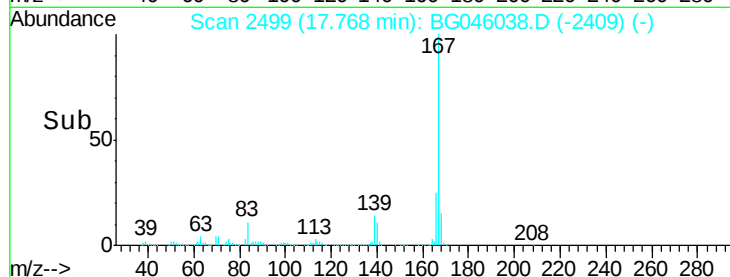
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 40.991 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

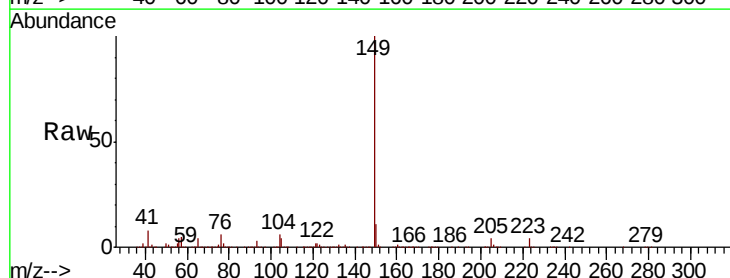
Tgt Ion:149 Resp: 1798534

Ion Ratio Lower Upper

149 100

150 10.9 9.0 13.4

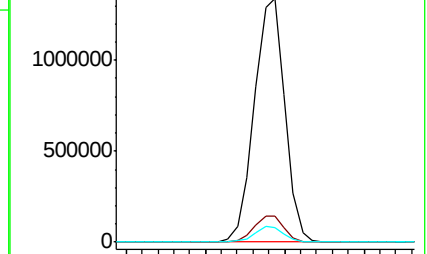
104 6.2 5.2 7.8



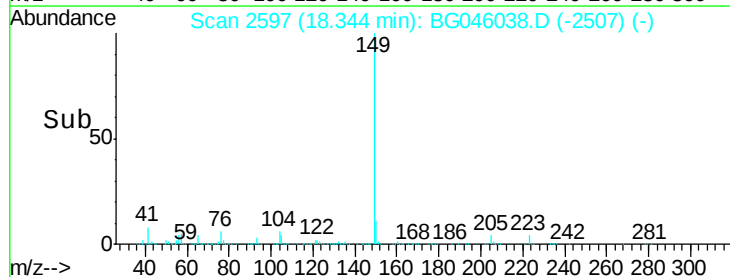
Abundance Ion 149.00 (148.70 to 149.70): E

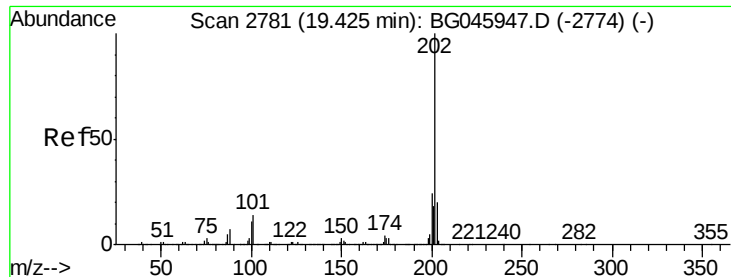
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 44.081 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

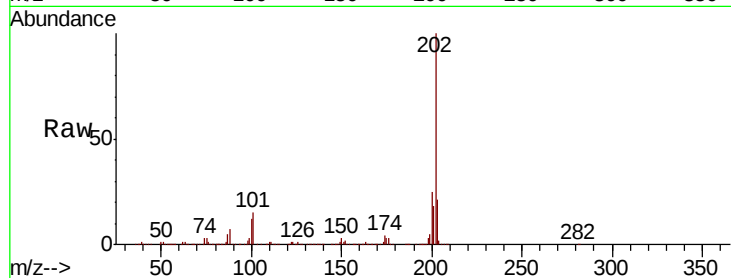
Tot Ion:202 Resp: 1818929

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.8

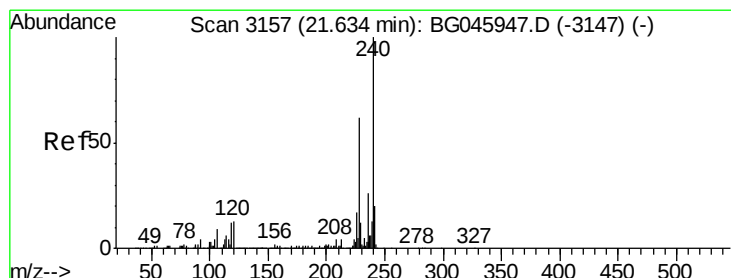
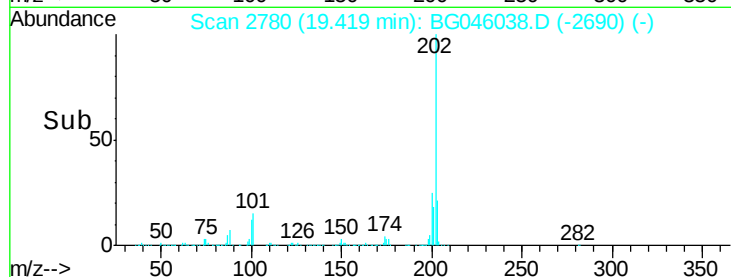
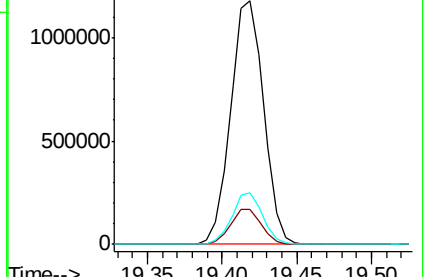
203 21.4 0.4 40.4



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

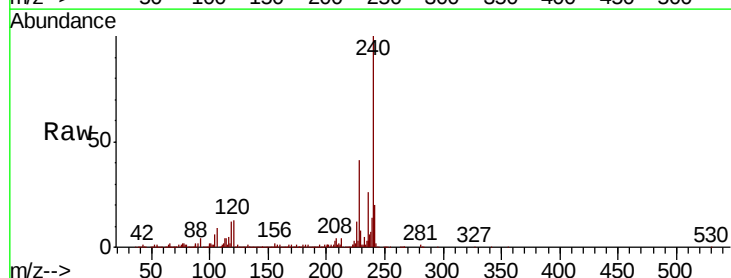
Tgt Ion:240 Resp: 613798

Ion Ratio Lower Upper

240 100

120 12.9 10.6 16.0

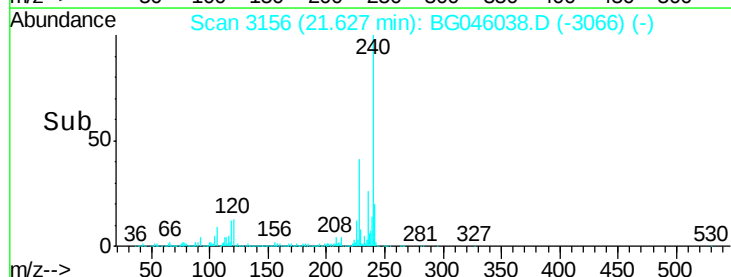
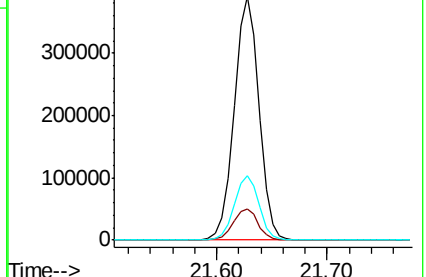
236 26.3 20.4 30.6

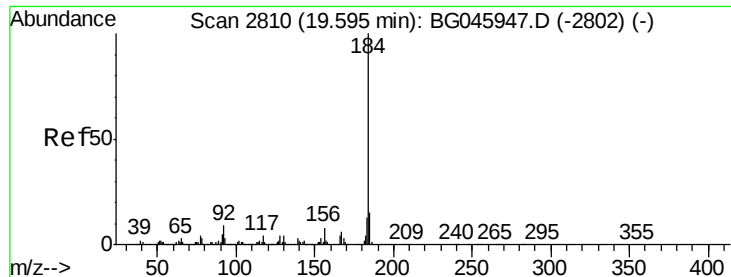


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.391 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

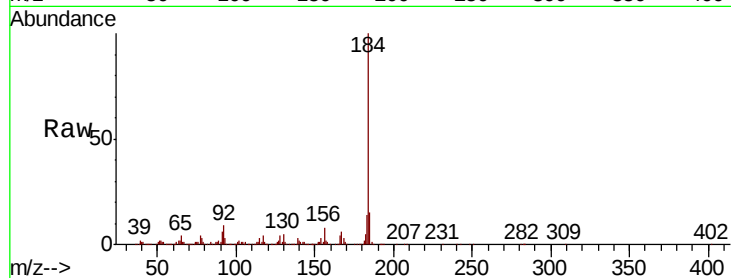
Tot Ion:184 Resp: 814161

Ion Ratio Lower Upper

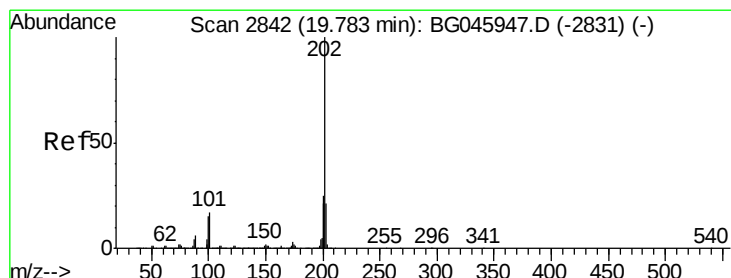
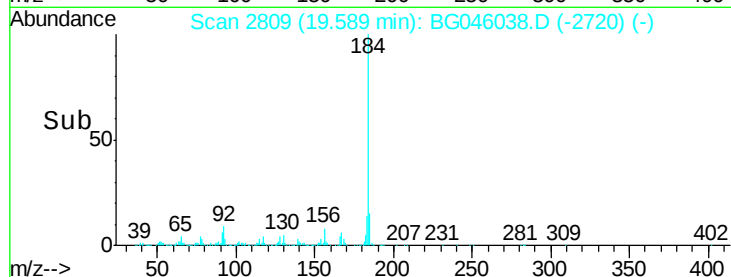
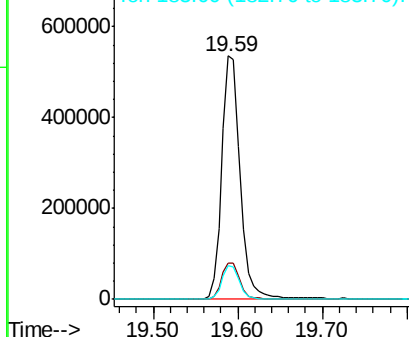
184 100

185 14.9 11.6 17.4

183 13.7 10.4 15.6



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: 42.737 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

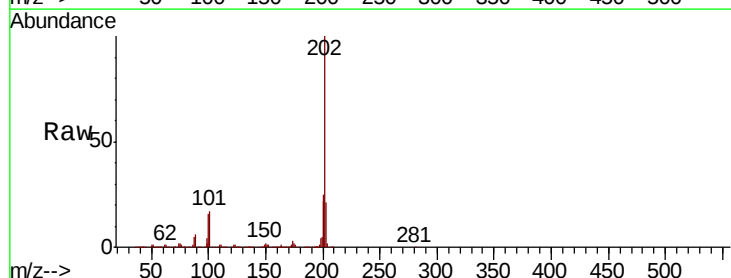
Tgt Ion:202 Resp: 1790609

Ion Ratio Lower Upper

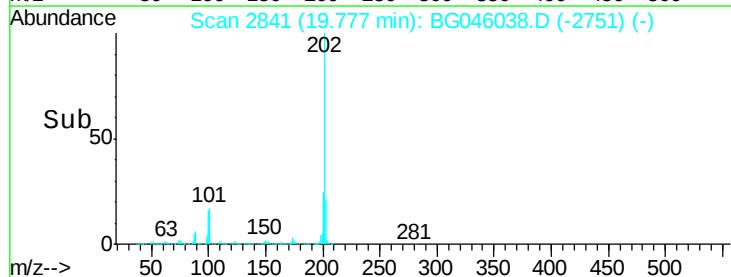
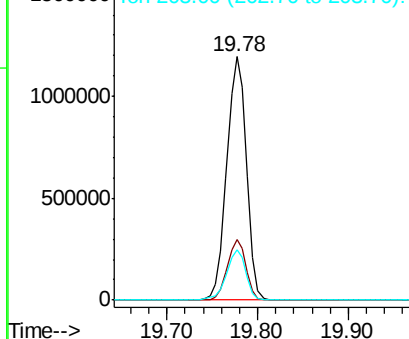
202 100

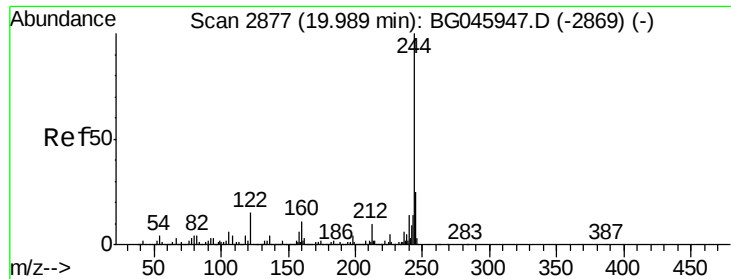
200 24.9 20.1 30.1

203 20.9 16.5 24.7



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: 66.491 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

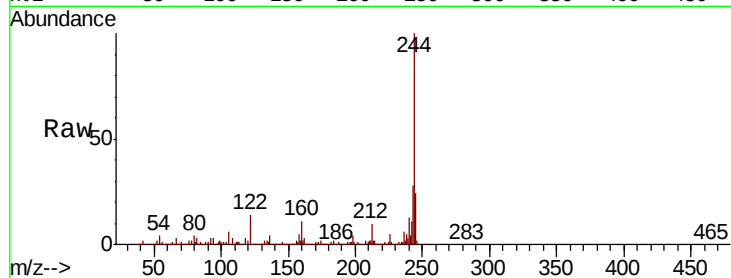
Tot Ion:244 Resp: 1833839

Ion Ratio Lower Upper

244 100

212 9.7 8.3 12.5

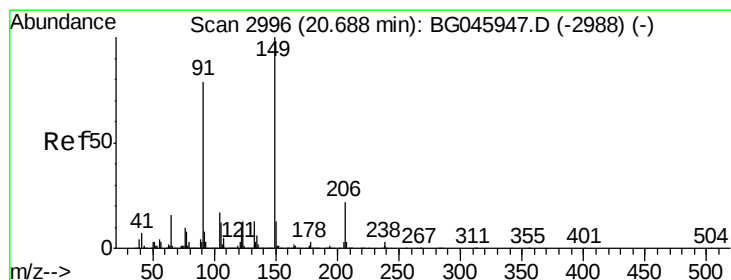
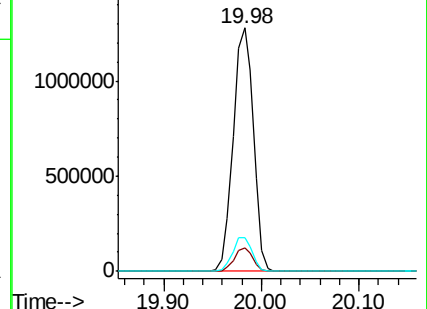
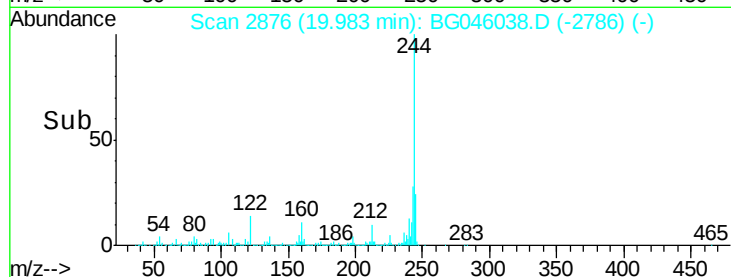
122 14.0 12.1 18.1



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: 44.543 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

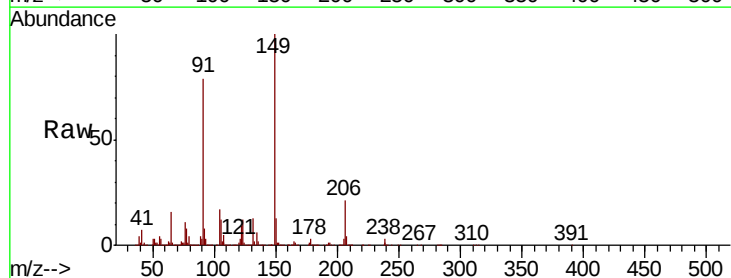
Tgt Ion:149 Resp: 881926

Ion Ratio Lower Upper

149 100

91 79.4 63.1 94.7

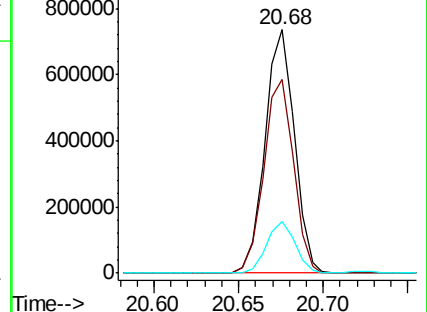
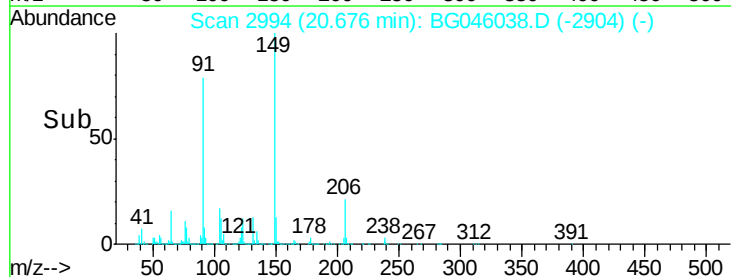
206 21.3 17.4 26.0

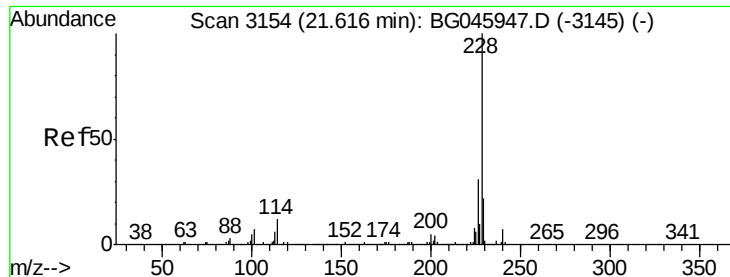


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.361 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

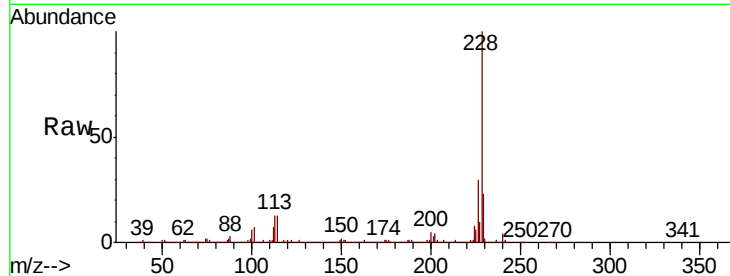
Tot Ion:228 Resp: 1669281

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

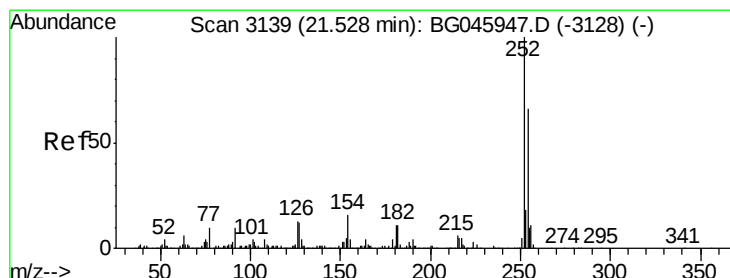
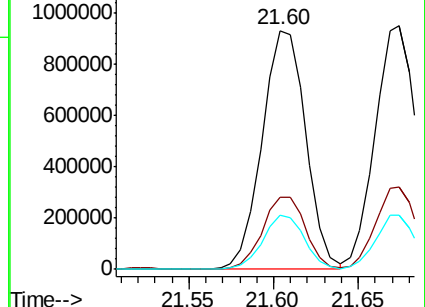
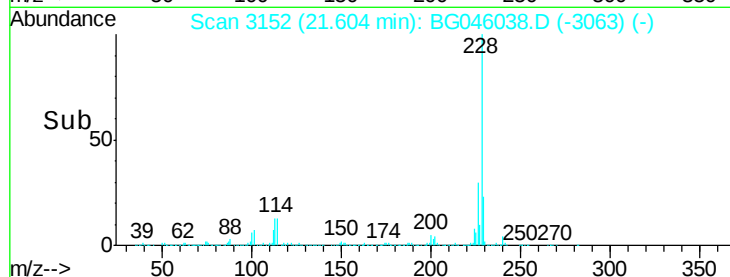
229 22.6 17.8 26.8



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: 31.943 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

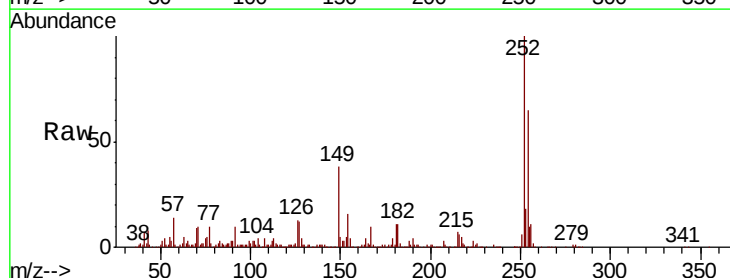
Tgt Ion:252 Resp: 476386

Ion Ratio Lower Upper

252 100

254 64.5 52.9 79.3

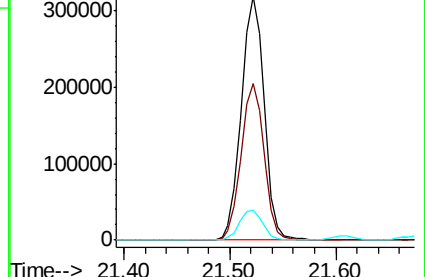
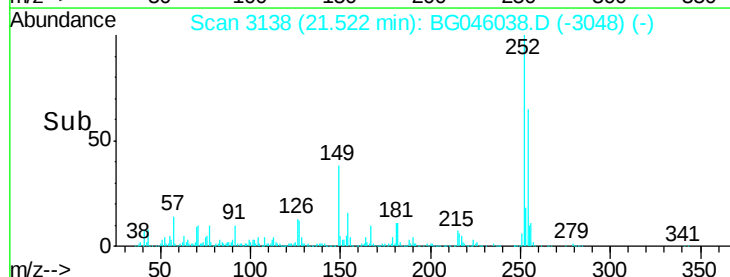
126 12.5 10.4 15.6

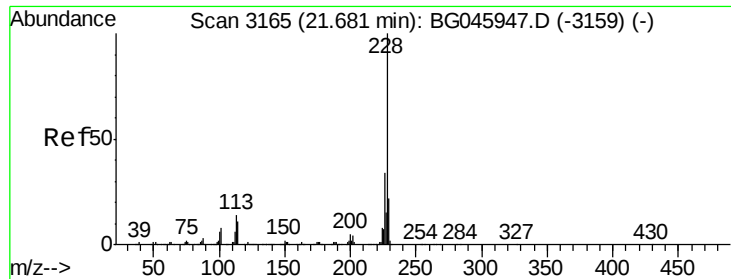


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.107 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

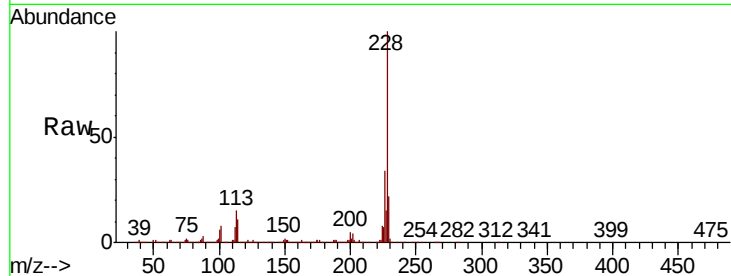
Tot Ion:228 Resp: 1618994

Ion Ratio Lower Upper

228 100

226 33.7 26.7 40.1

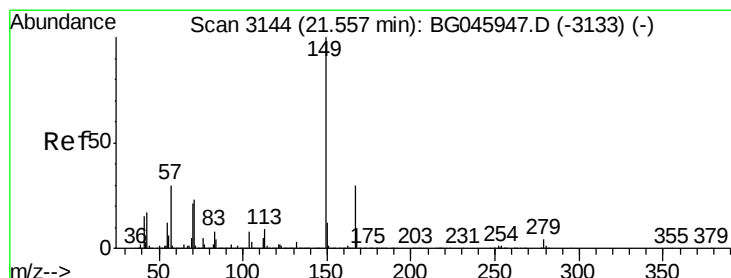
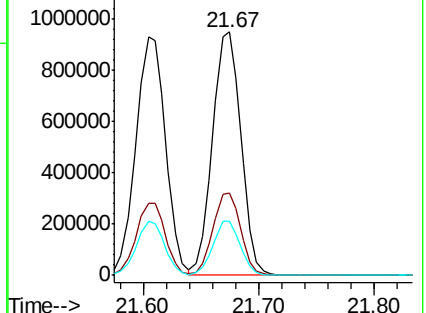
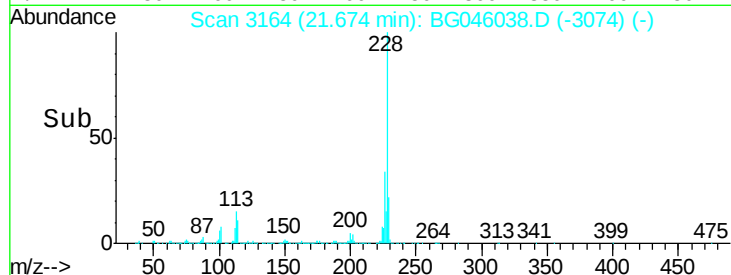
229 22.2 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.163 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

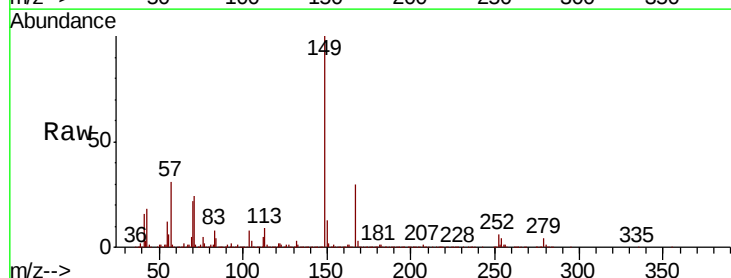
Tgt Ion:149 Resp: 1211770

Ion Ratio Lower Upper

149 100

167 30.0 23.8 35.8

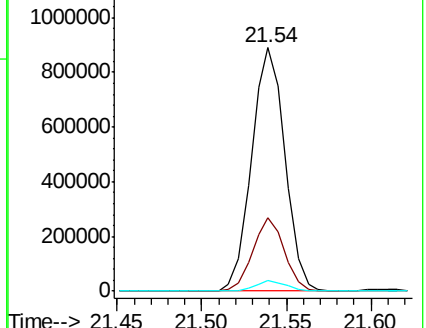
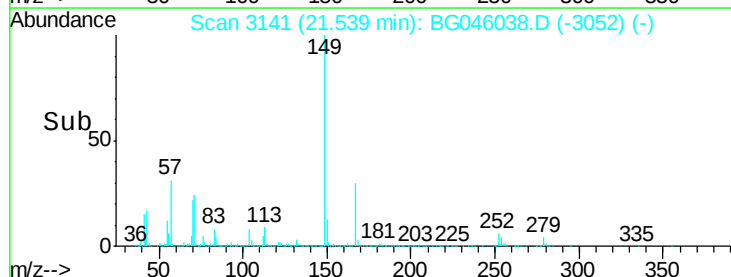
279 4.3 3.5 5.3

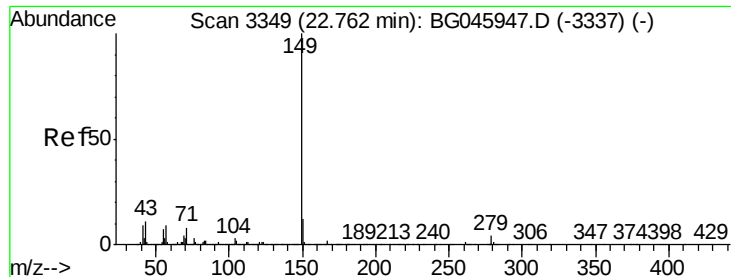


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.640 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

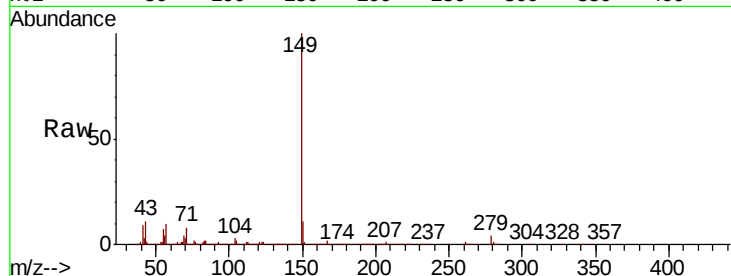
Tot Ion:149 Resp: 2076786

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

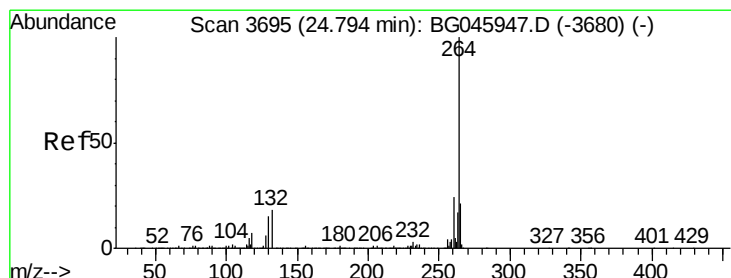
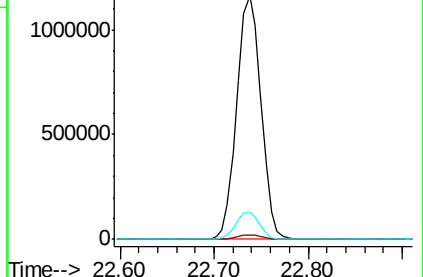
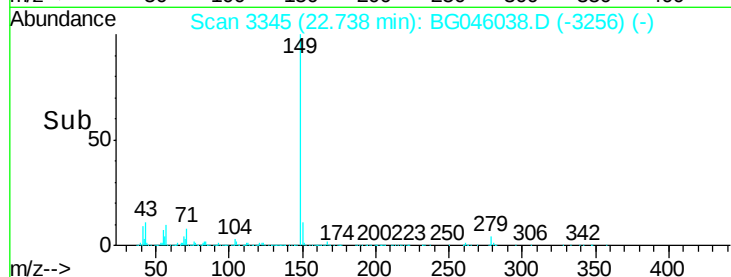
43 10.8 8.6 12.8



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: 24.78 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

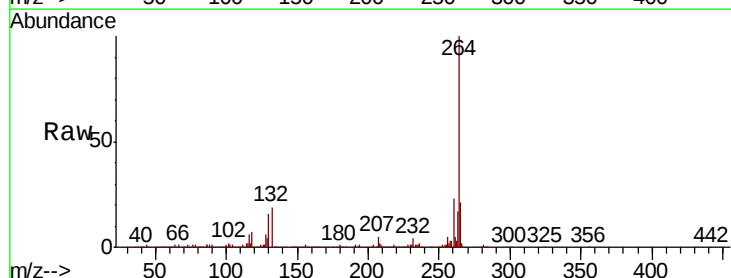
Tgt Ion:264 Resp: 634716

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

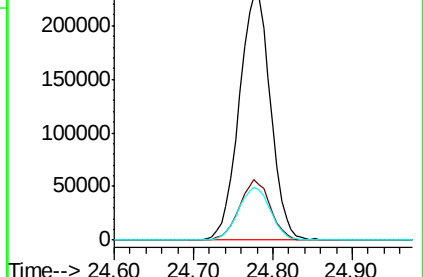
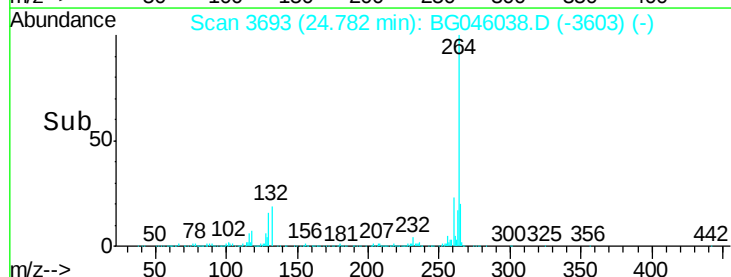
265 20.7 16.9 25.3

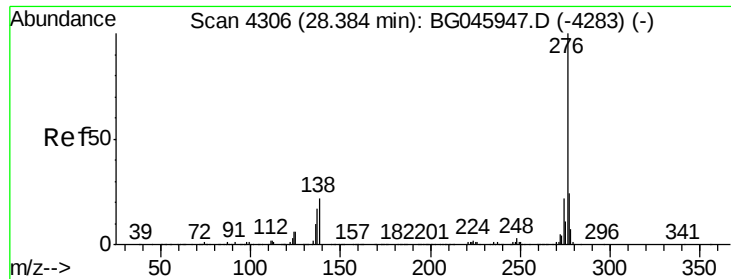


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

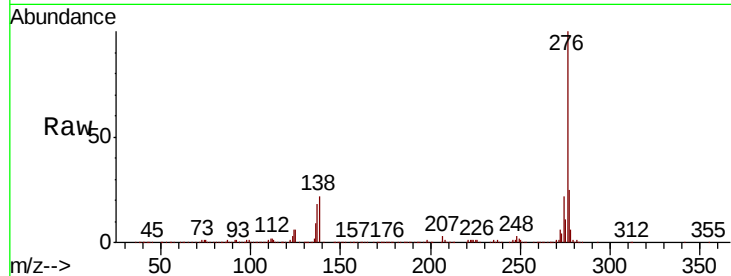




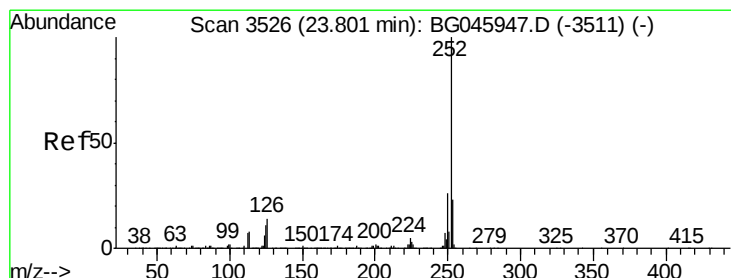
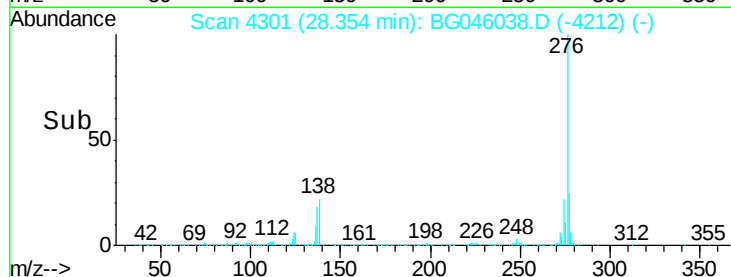
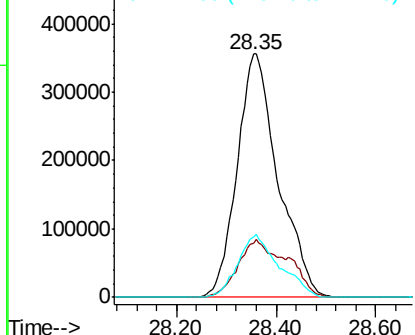
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.817 ng
 RT: 28.35 min Scan# 4301
 Delta R.T. -0.01 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Tot Ion:276 Resp: 2034599
 Ion Ratio Lower Upper
 276 100
 138 28.4 16.4 24.6#
 277 26.1 20.6 31.0

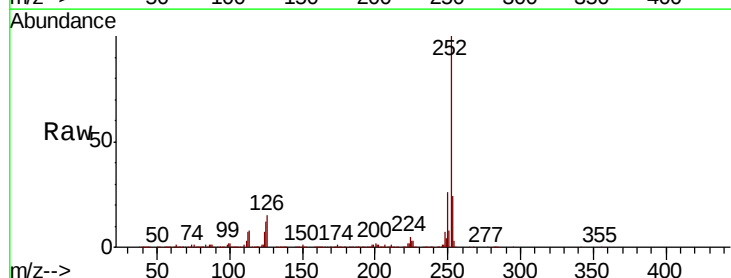


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

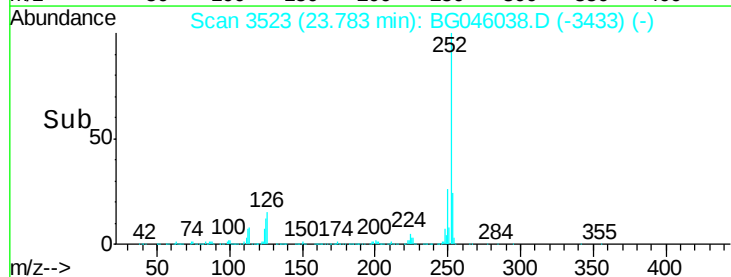
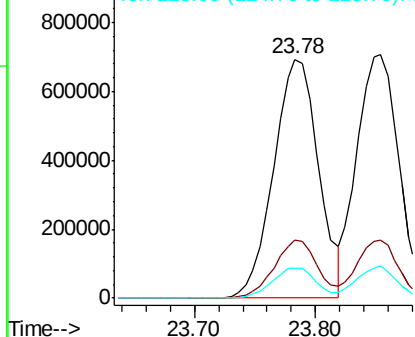


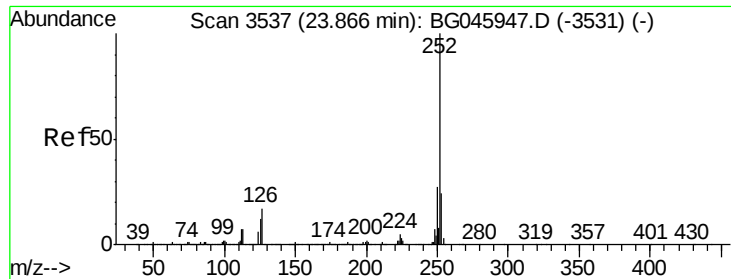
#88
 Benzo(b)fluoranthene
 Concen: 44.132 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion:252 Resp: 1778193
 Ion Ratio Lower Upper
 252 100
 253 24.1 18.5 27.7
 125 12.4 9.2 13.8



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





#89

Benzo(k)fluoranthene

Concen: 44.490 ng

RT: 23.85 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

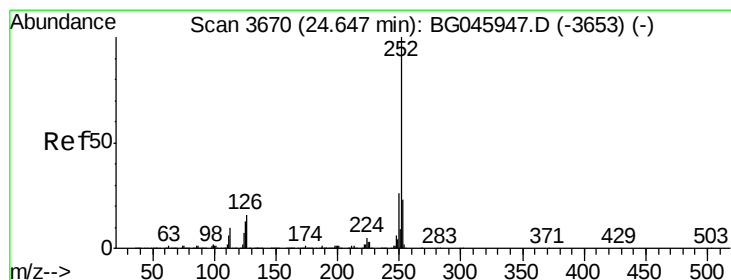
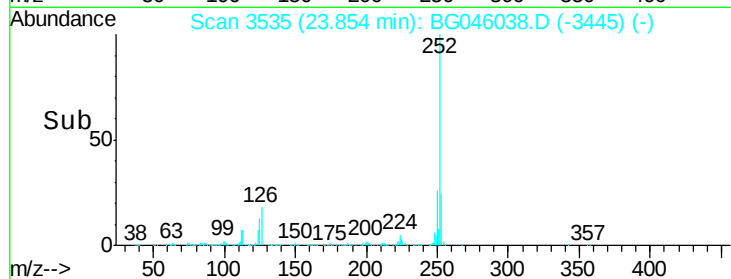
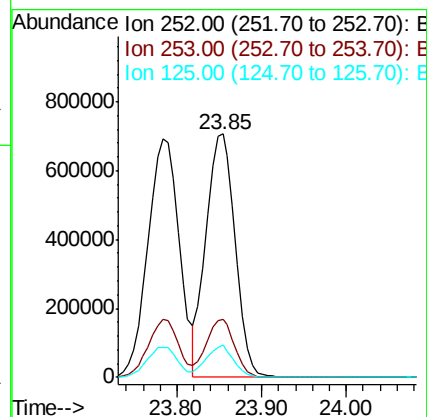
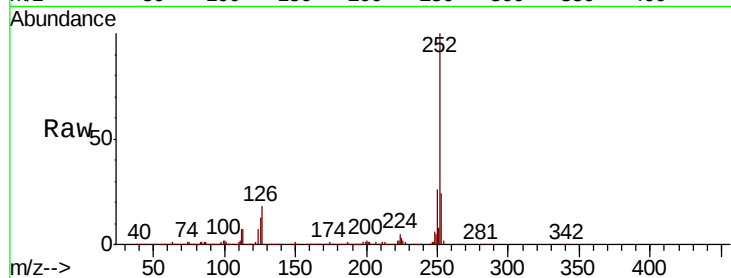
Tot Ion:252 Resp: 1695030

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

125 13.1 9.6 14.4



#90

Benzo(a)pyrene

Concen: 43.268 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

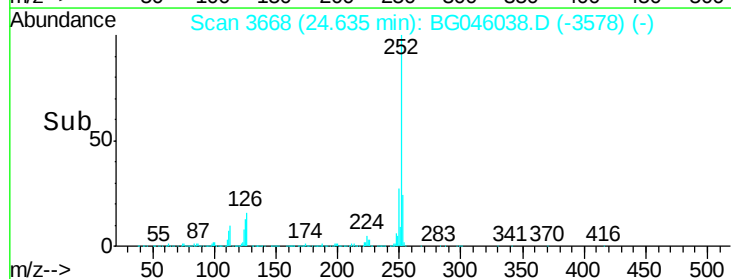
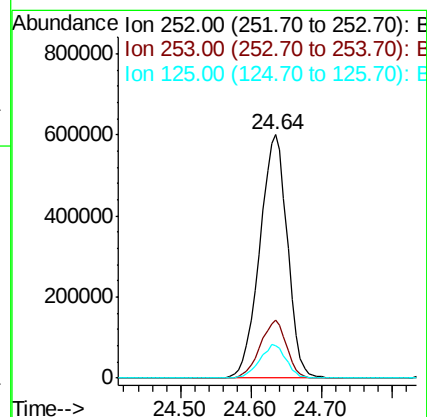
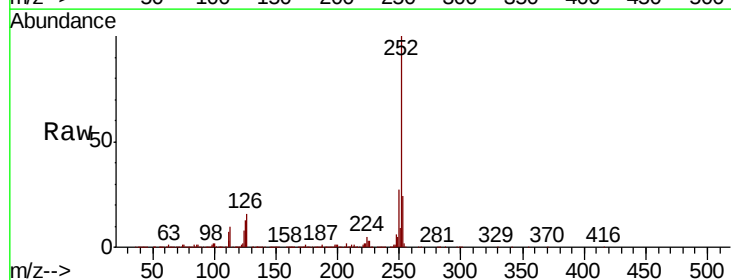
Tgt Ion:252 Resp: 1639338

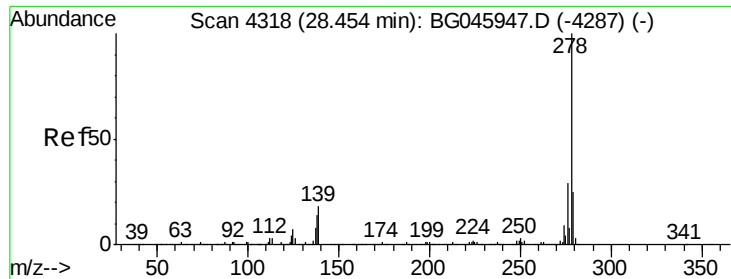
Ion Ratio Lower Upper

252 100

253 23.7 18.6 28.0

125 13.4 10.5 15.7

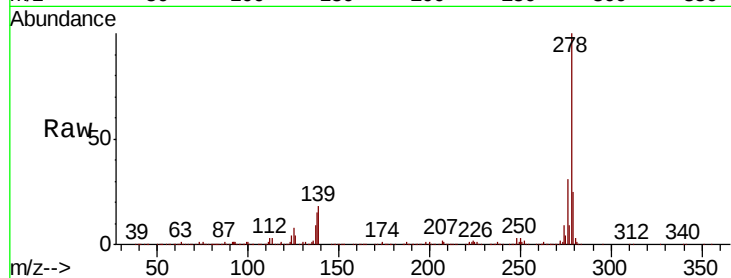




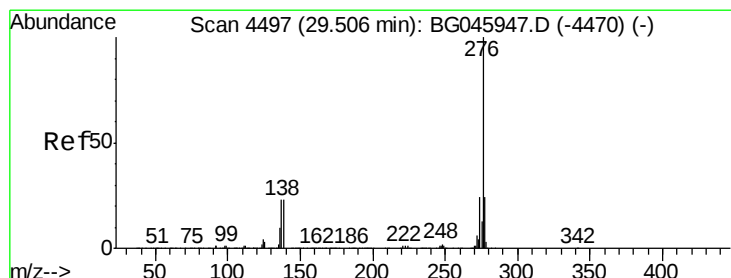
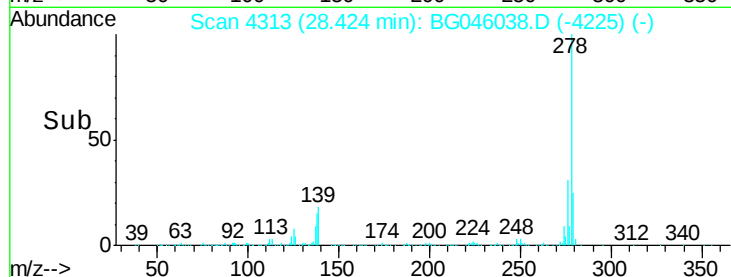
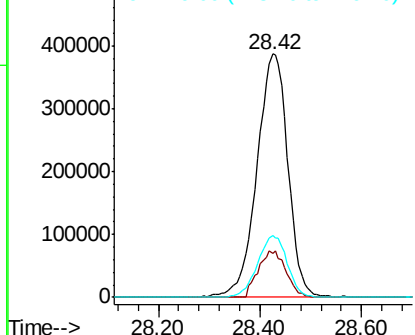
#91
Dibenzo(a,h)anthracene
Concen: 43.813 ng
RT: 28.42 min Scan# 4313
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion:278 Resp: 1640884
Ion Ratio Lower Upper
278 100
139 18.2 14.3 21.5
279 25.4 19.8 29.6

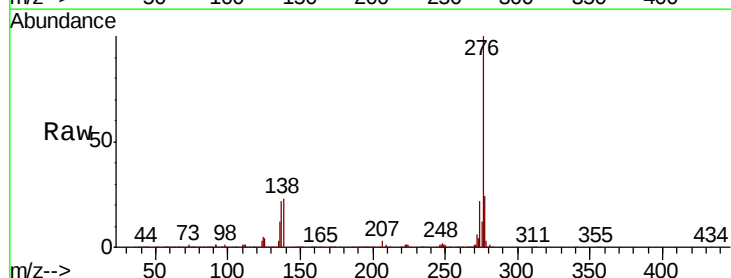


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.702 ng
RT: 29.47 min Scan# 4491
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion:276 Resp: 1647104
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 23.4 18.6 28.0



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

