

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046002.D
 Acq On : 10 Jul 2020 11:40
 Operator : CG/JU
 Sample : PB130070BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Quant Time: Jul 10 13:04:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	160293	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	645042	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	382596	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	787646	20.00	ng	0.00
76) Chrysene-d12	21.63	240	657055	20.00	ng	0.00
86) Perylene-d12	24.79	264	669795	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1478627	149.59	ng	0.00
7) Phenol-d6	7.17	99	1970123	138.44	ng	0.00
23) Nitrobenzene-d5	9.16	82	1272524	113.55	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	518591	146.05	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2255793	91.97	ng	0.00
79) Terphenyl-d14	19.99	244	2829500	95.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	175016	38.378	ng	98
3) Pyridine	3.90	79	515913	37.415	ng	100
4) n-Nitrosodimethylamine	3.81	42	228456	48.997	ng	# 97
6) Aniline	7.33	93	737525	40.513	ng	99
8) 2-Chlorophenol	7.57	128	502027	47.181	ng	99
9) Benzaldehyde	7.14	77	335037	37.159	ng	96
10) Phenol	7.20	94	663810	46.501	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	510552	43.251	ng	100
12) 1,3-Dichlorobenzene	7.90	146	527127	42.980	ng	98
13) 1,4-Dichlorobenzene	8.04	146	522060	43.271	ng	98
14) 1,2-Dichlorobenzene	8.36	146	488251	42.048	ng	96
15) Benzyl Alcohol	8.24	79	484458	43.417	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	657512	42.691	ng	97
17) 2-Methylphenol	8.44	107	447490	41.777	ng	97
18) Hexachloroethane	9.10	117	200893	43.275	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	436323	43.644	ng	100
20) 3+4-Methylphenols	8.77	107	601949	41.234	ng	98
22) Acetophenone	8.82	105	718093	41.671	ng	97
24) Nitrobenzene	9.20	77	607989	49.153	ng	100
25) Isophorone	9.73	82	1134265	41.459	ng	100
26) 2-Nitrophenol	9.91	139	215447	53.438	ng	95
27) 2,4-Dimethylphenol	9.98	122	430579	44.216	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	665989	43.350	ng	98
29) 2,4-Dichlorophenol	10.45	162	445439	44.187	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	462641	41.420	ng	98
31) Naphthalene	10.86	128	1436285	41.536	ng	99
32) Benzoic acid	10.12	122	270336	45.800	ng	95
33) 4-Chloroaniline	10.95	127	455136	29.454	ng	98
34) Hexachlorobutadiene	11.16	225	254055	38.955	ng	97
35) Caprolactam	11.73	113	75786	19.801	ng	97
36) 4-Chloro-3-methylphenol	12.07	107	510344	44.449	ng	99
37) 2-Methylnaphthalene	12.46	142	1045834	42.546	ng	99
38) 1-Methylnaphthalene	12.68	142	999481	43.084	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	449362	41.665	ng	98

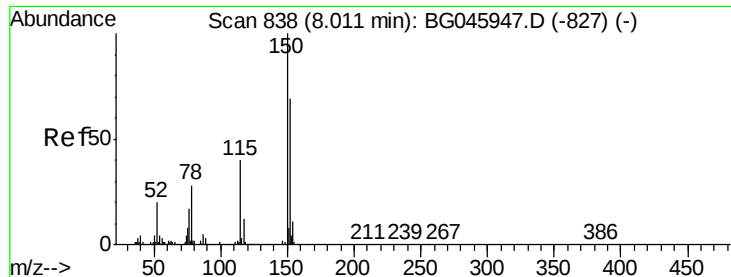
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046002.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	520858	81.391	nq	95
43) 2,4,6-Trichlorophenol	13.06	196	332886	45.639	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	357071	43.297	nq	97
46) 1,1'-Biphenyl	13.47	154	1243079	43.191	nq	99
47) 2-Chloronaphthalene	13.51	162	952633	41.950	nq	98
48) 2-Nitroaniline	13.70	65	344802	53.729	nq	97
49) Acenaphthylene	14.35	152	1538894	42.002	nq	98
50) Dimethylphthalate	14.09	163	1198513	41.741	nq	99
51) 2,6-Dinitrotoluene	14.19	165	268391	51.967	nq	98
52) Acenaphthene	14.69	154	1063235	46.007	nq	98
53) 3-Nitroaniline	14.52	138	256166	41.108	nq	# 94
54) 2,4-Dinitrophenol	14.72	184	195026	99.870	nq	# 85
55) Dibenzofuran	15.03	168	1416486	41.814	nq	99
56) 4-Nitrophenol	14.83	139	499349	106.746	nq	97
57) 2,4-Dinitrotoluene	14.98	165	357877	53.781	nq	95
58) Fluorene	15.68	166	1166822	41.987	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	294160	46.198	nq	99
60) Diethylphthalate	15.46	149	1246741	41.403	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	560140	40.515	nq	99
62) 4-Nitroaniline	15.69	138	306124	51.585	nq	96
63) Azobenzene	15.96	77	1405594	43.491	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	141533	51.595	nq	93
66) n-Nitrosodiphenylamine	15.89	169	1057555	43.329	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	356771	40.556	nq	98
68) Hexachlorobenzene	16.69	284	376010	42.595	nq	98
69) Atrazine	16.83	200	340398	47.170	nq	97
70) Pentachlorophenol	17.02	266	446684	91.012	nq	100
71) Phenanthrene	17.41	178	1761348	42.299	nq	96
72) Anthracene	17.50	178	1805947	42.736	nq	98
73) Carbazole	17.77	167	1715301	40.496	nq	98
74) Di-n-butylphthalate	18.34	149	2053727	40.123	nq	99
75) Fluoranthene	19.42	202	2017253	41.906	nq	97
77) Benzidine	19.59	184	1125869	59.928	nq	97
78) Pyrene	19.78	202	2000455	44.603	nq	99
80) Butylbenzylphthalate	20.68	149	943587	44.520	nq	98
81) Benzo(a)anthracene	21.61	228	1803842	41.752	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	609926	38.205	nq	98
83) Chrysene	21.68	228	1728855	42.004	nq	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	1320182	42.911	nq	99
85) Di-n-octyl phthalate	22.75	149	2241801	41.989	nq	99
87) Indeno(1,2,3-cd)pyrene	28.37	276	2309566	47.134	nq	99
88) Benzo(b)fluoranthene	23.79	252	1966379	46.247	nq	99
89) Benzo(k)fluoranthene	23.86	252	1867089	46.440	nq	99
90) Benzo(a)pyrene	24.64	252	1812347	45.329	nq	99
91) Dibenzo(a,h)anthracene	28.44	278	1852192	46.865	nq	100
92) Benzo(g,h,i)perylene	29.49	276	1866107	46.920	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

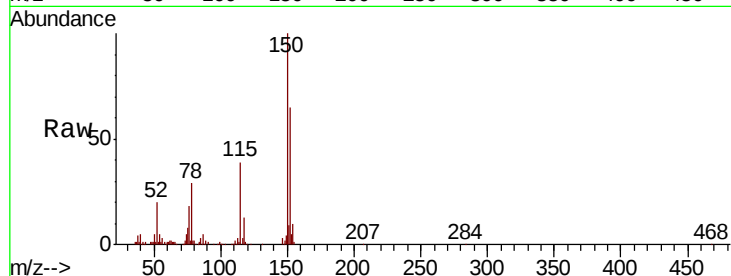
Tot Ion:152 Resp: 160293

Ion Ratio Lower Upper

152 100

150 152.9 116.7 175.1

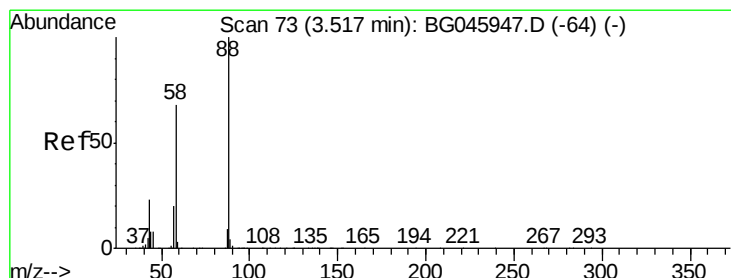
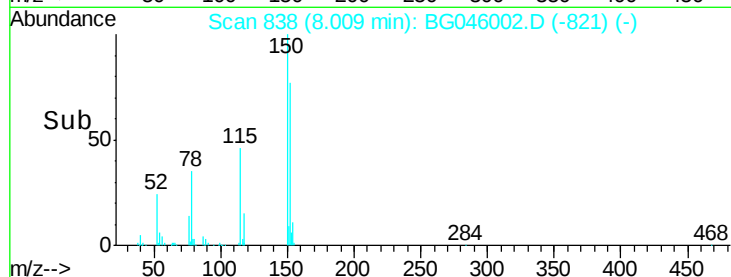
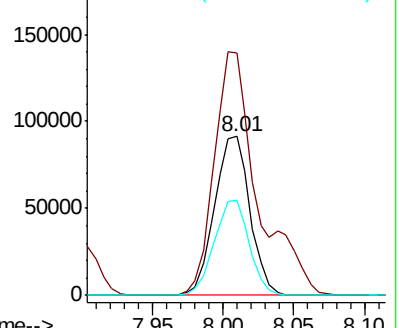
115 60.2 47.4 71.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.378 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

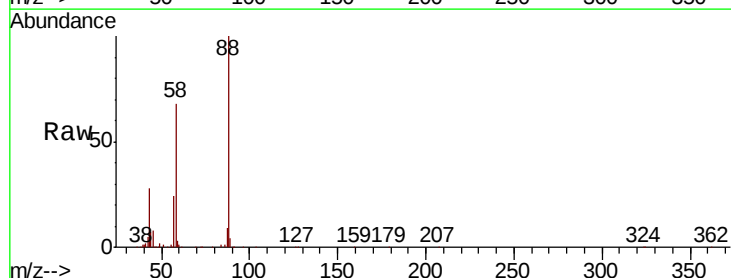
Tgt Ion: 88 Resp: 175016

Ion Ratio Lower Upper

88 100

58 70.6 55.2 82.8

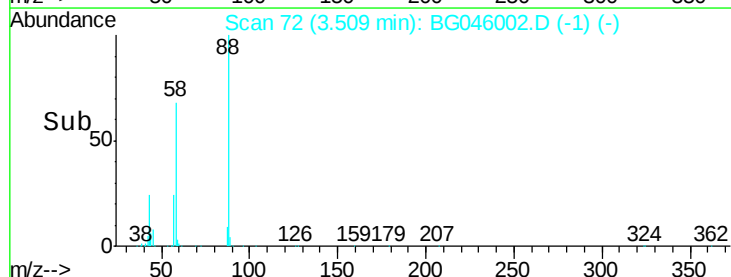
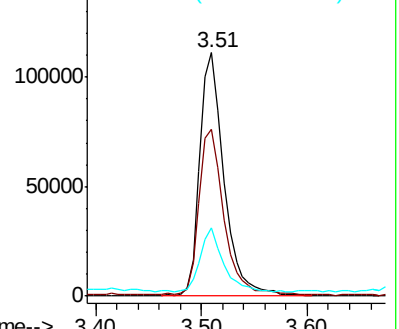
43 25.9 19.4 29.0

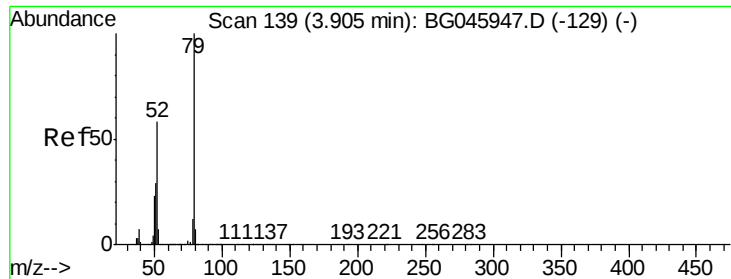


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

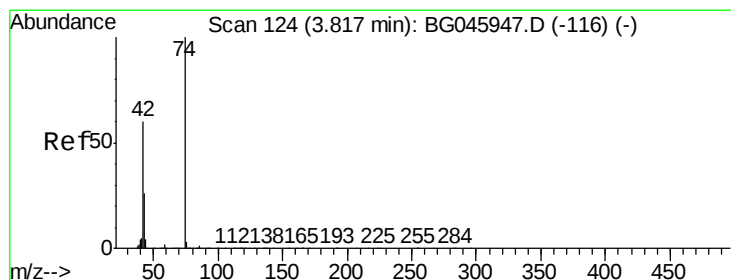
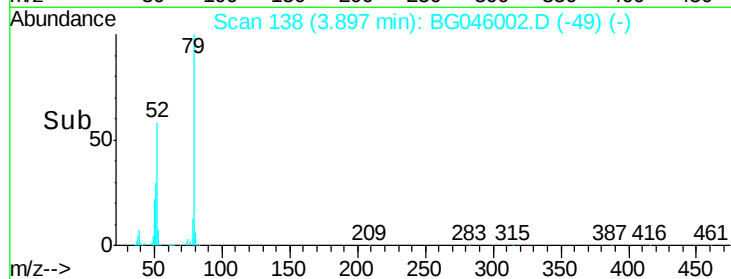
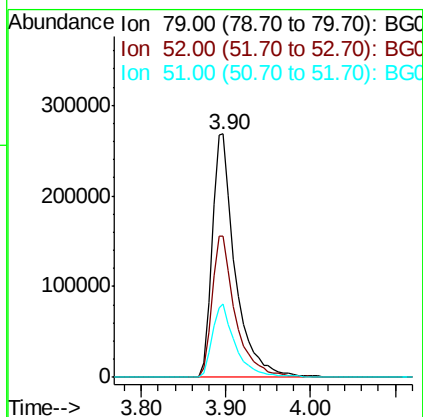
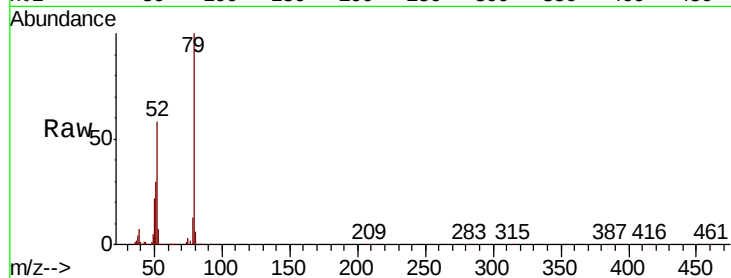




#3
 Pvridine
 Concen: 37.415 ng
 RT: 3.90 min Scan# 138
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

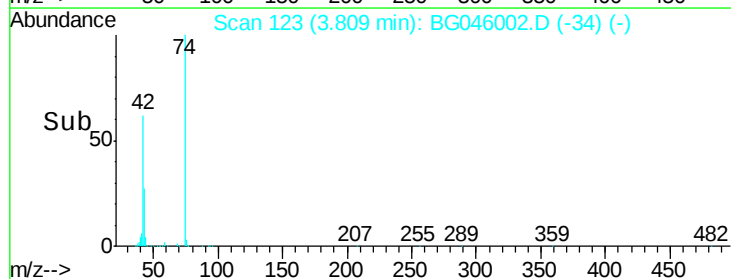
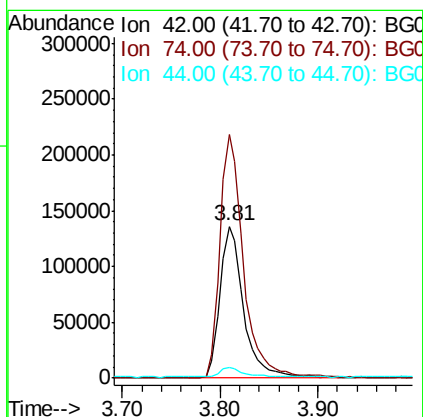
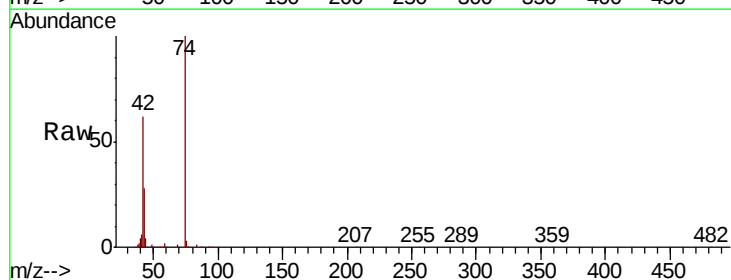
Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

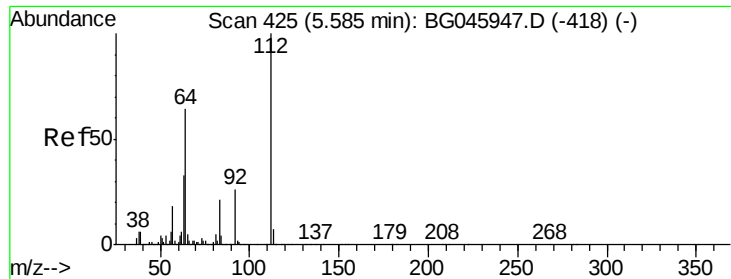
Tot Ion: 79 Resp: 515913
 Ion Ratio Lower Upper
 79 100
 52 58.1 46.5 69.7
 51 30.1 23.5 35.3



#4
 n-Nitrosodimethylamine
 Concen: 48.997 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion: 42 Resp: 228456
 Ion Ratio Lower Upper
 42 100
 74 160.7 131.9 197.9
 44 7.0 7.7 11.5#





#5

2-Fluorophenol

Concen: 149.591 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

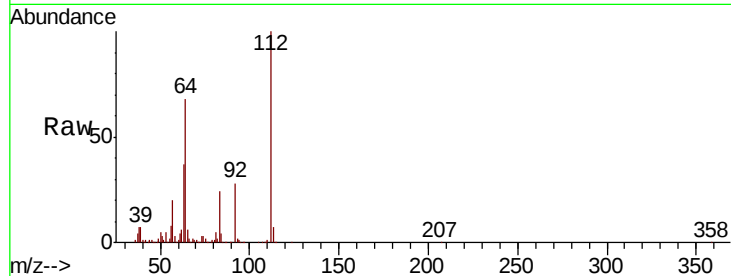
Tot Ion:112 Resp: 1478627

Ion Ratio Lower Upper

112 100

64 67.6 51.4 77.2

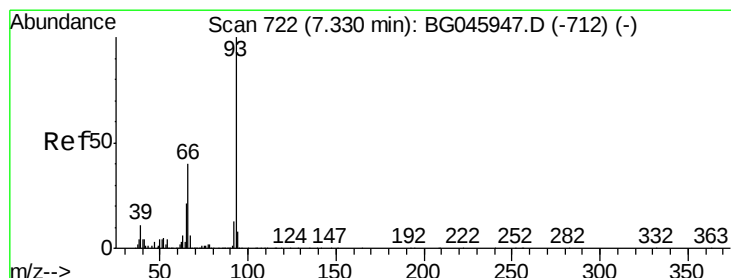
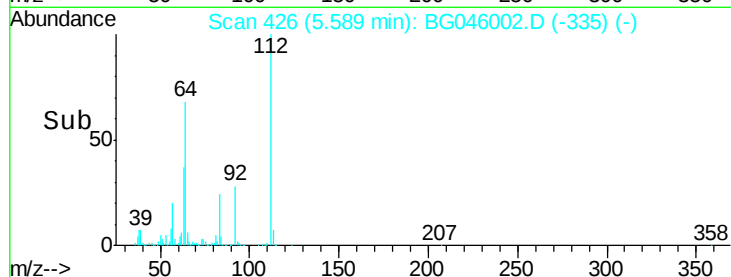
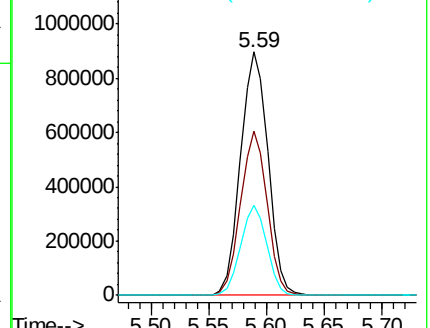
63 37.1 26.6 40.0



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: 40.513 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

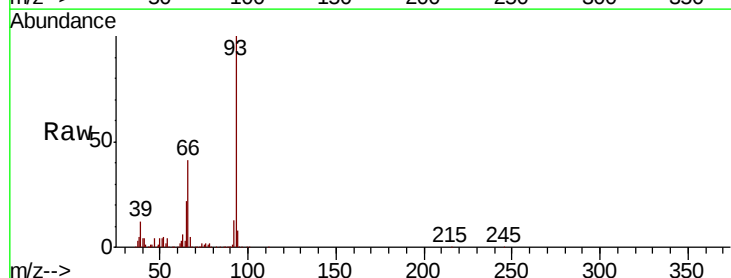
Tgt Ion: 93 Resp: 737525

Ion Ratio Lower Upper

93 100

66 40.7 32.3 48.5

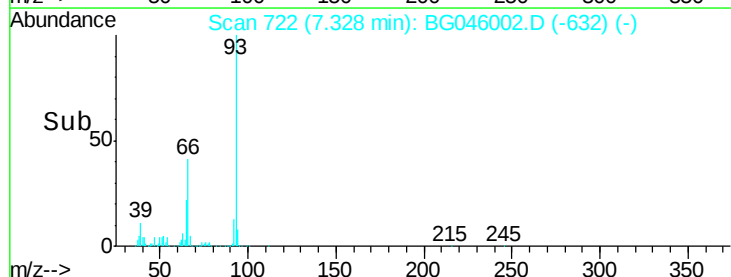
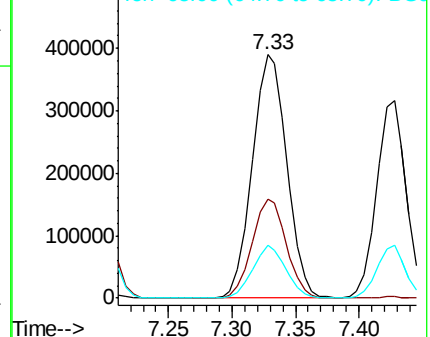
65 21.5 16.6 25.0

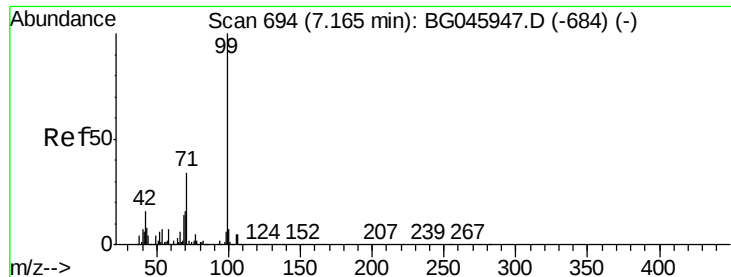


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.441 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

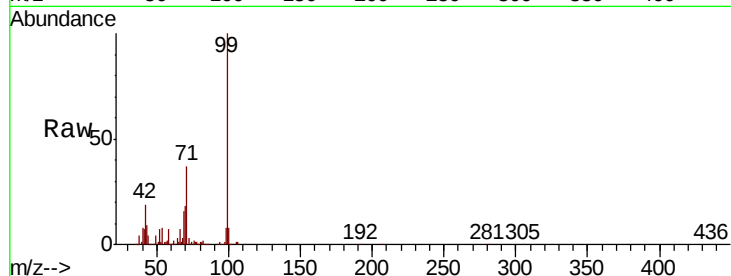
Tot Ion: 99 Resp: 1970123

Ion Ratio Lower Upper

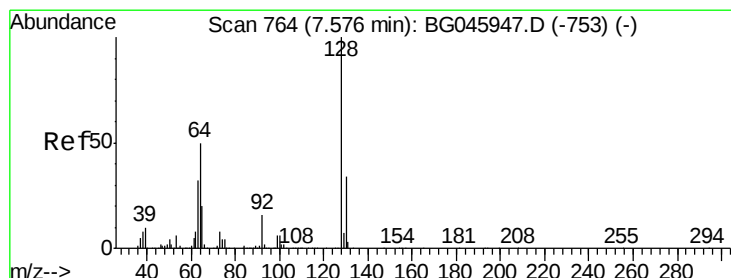
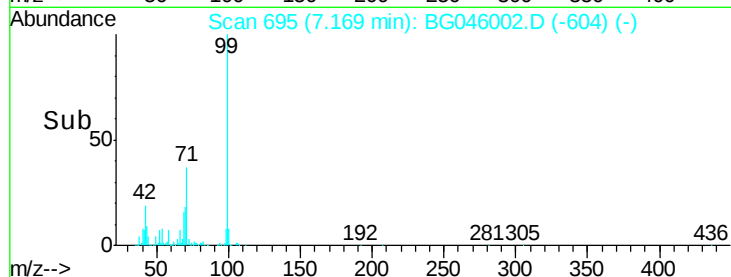
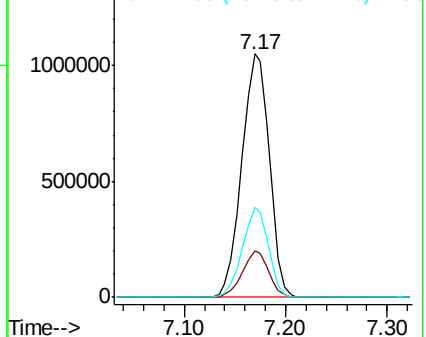
99 100

42 19.1 13.0 19.4

71 36.8 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: 47.181 ng

RT: 7.57 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

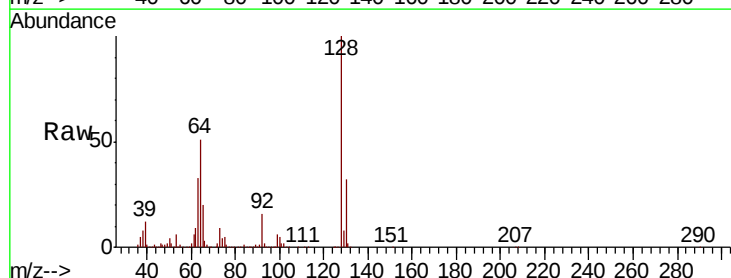
Tgt Ion: 128 Resp: 502027

Ion Ratio Lower Upper

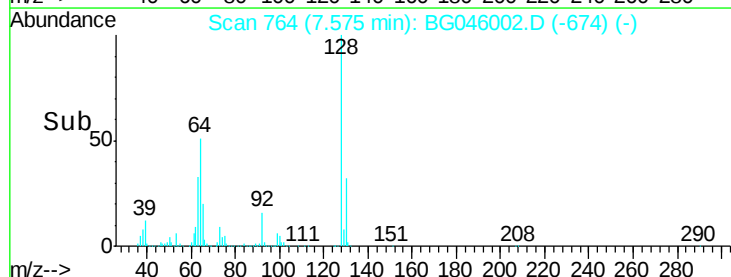
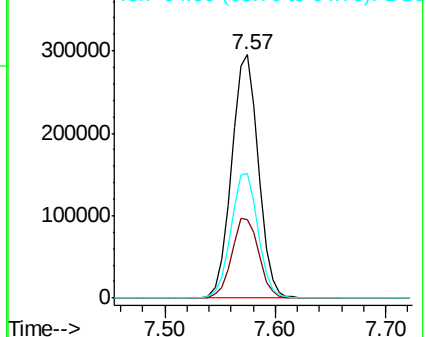
128 100

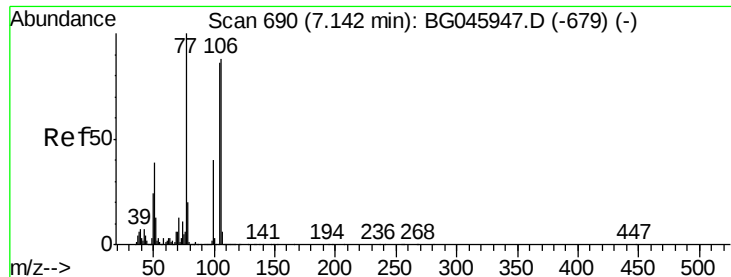
130 32.1 13.6 53.6

64 50.9 30.6 70.6



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





#9

Benzaldehyde

Concen: 37.159 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleID :

PB130070BS

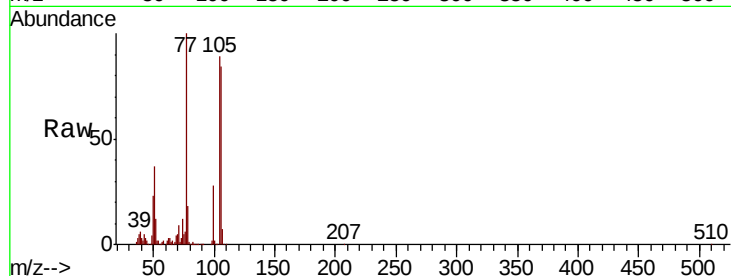
Tot Ion: 77 Resp: 335037

Ion Ratio Lower Upper

77 100

105 89.2 66.0 106.0

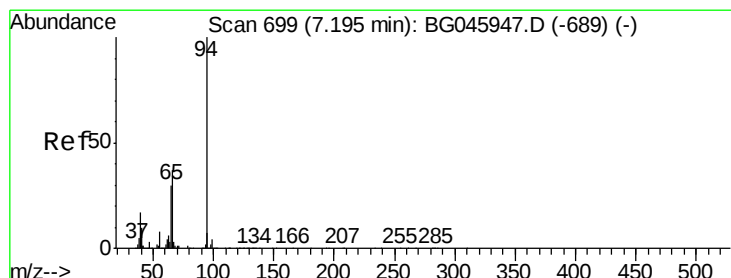
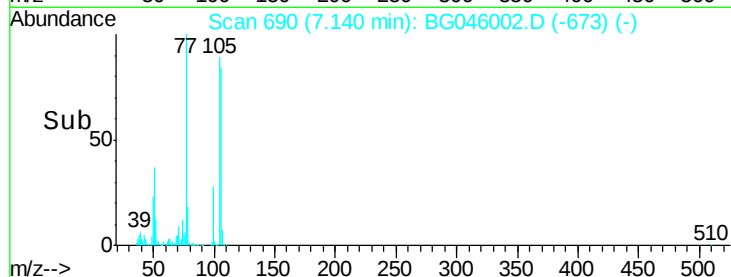
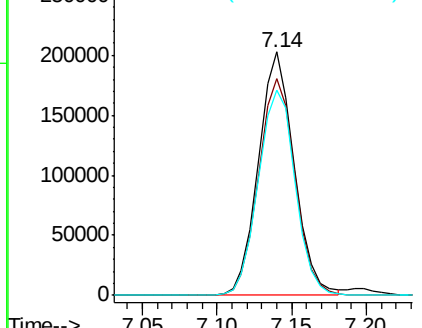
106 84.3 67.7 107.7



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: 46.501 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

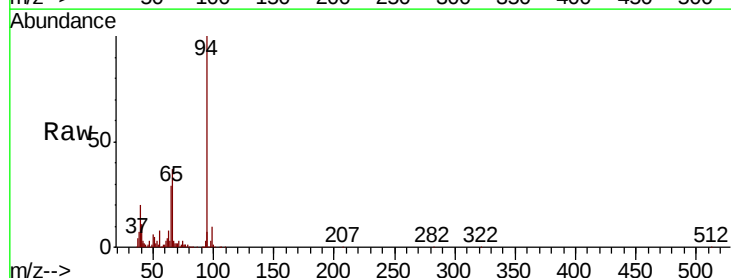
Tgt Ion: 94 Resp: 663810

Ion Ratio Lower Upper

94 100

65 29.2 10.6 50.6

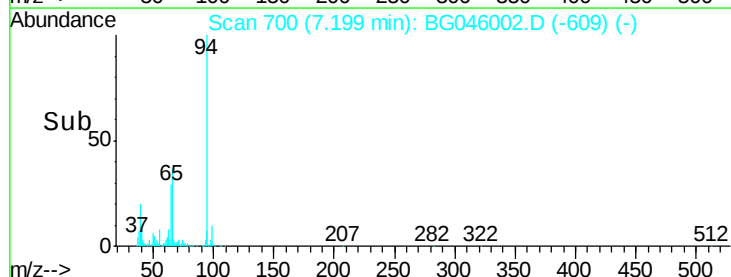
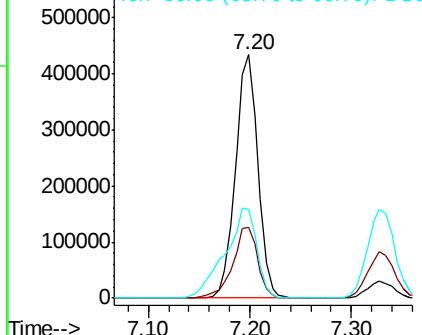
66 36.7 17.1 57.1

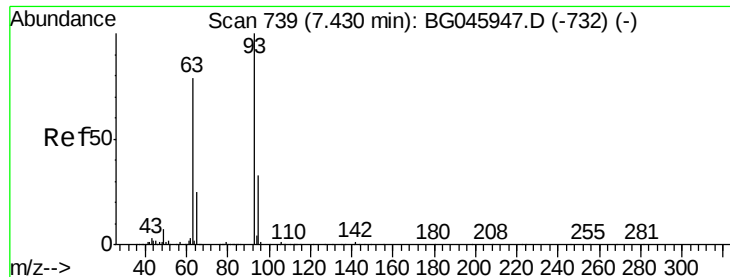


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 43.251 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

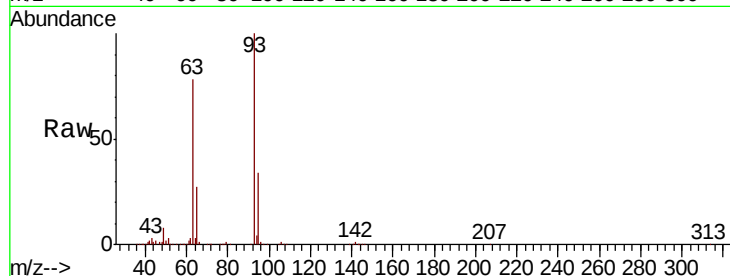
Tot Ion: 93 Resp: 510552

Ion Ratio Lower Upper

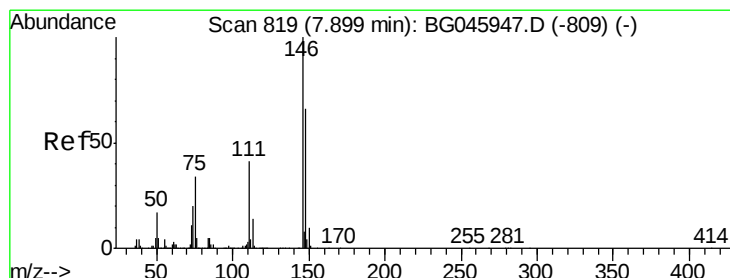
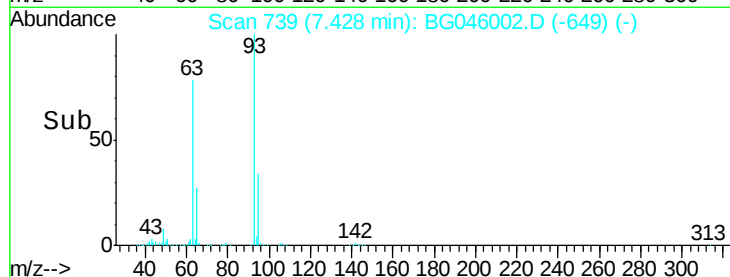
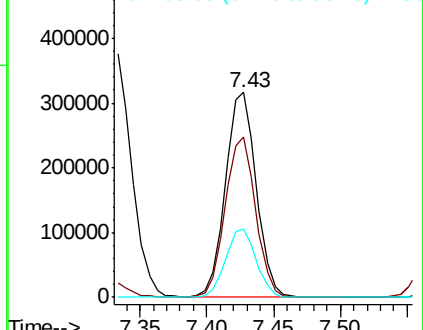
93 100

63 78.4 58.6 98.6

95 33.5 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.980 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

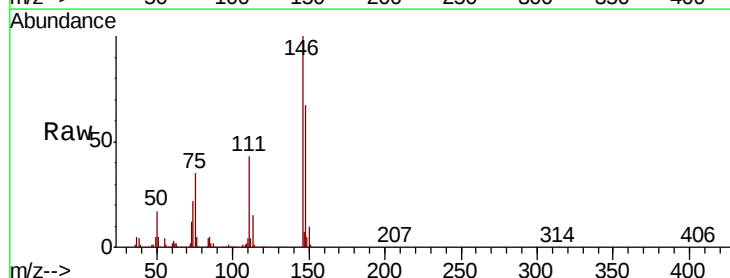
Tgt Ion: 146 Resp: 527127

Ion Ratio Lower Upper

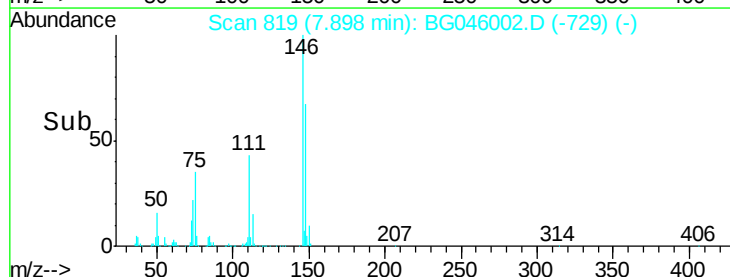
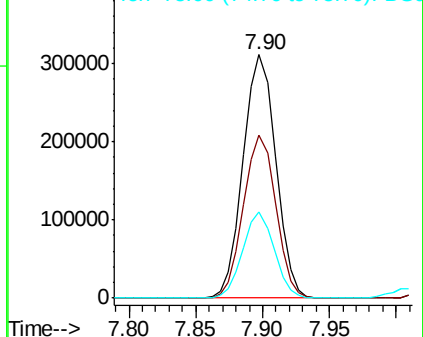
146 100

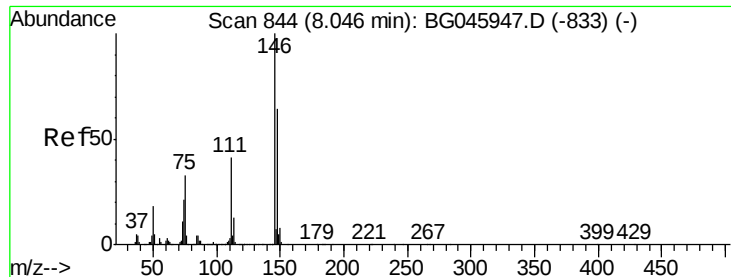
148 67.2 52.8 79.2

75 35.2 27.2 40.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.271 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

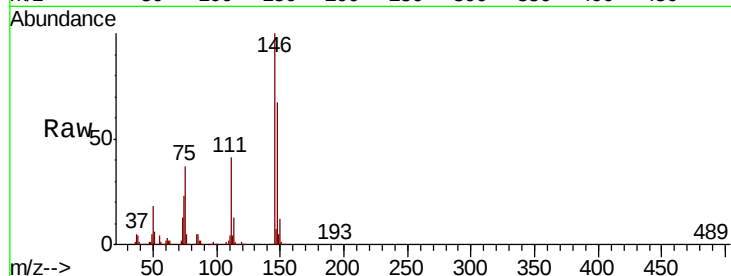
Tot Ion:146 Resp: 522060

Ion Ratio Lower Upper

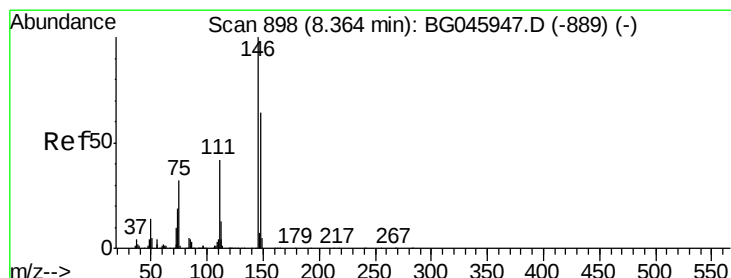
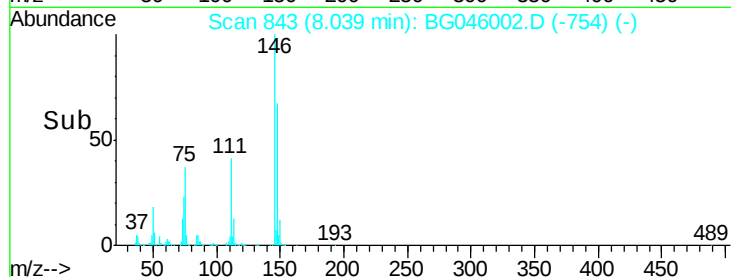
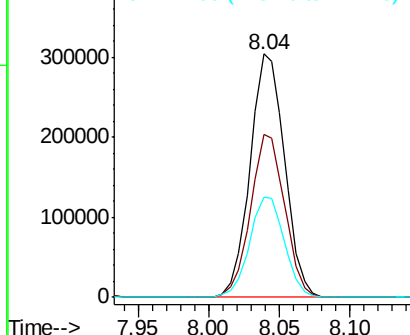
146 100

148 66.7 51.7 77.5

111 41.4 33.3 49.9



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



#14

1,2-Dichlorobenzene

Concen: 42.048 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

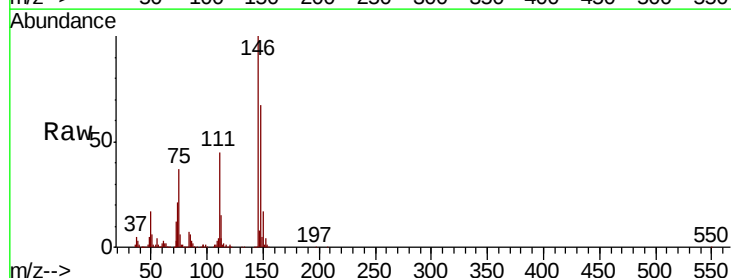
Tgt Ion:146 Resp: 488251

Ion Ratio Lower Upper

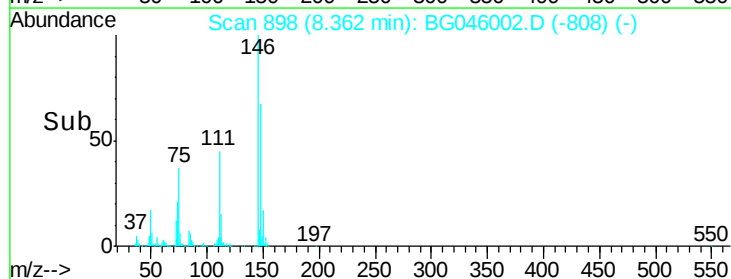
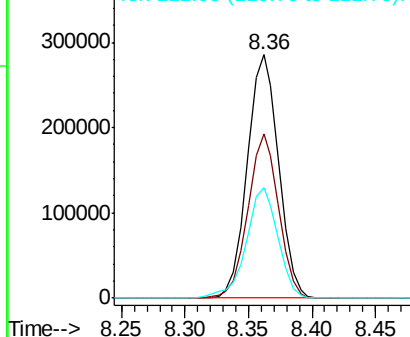
146 100

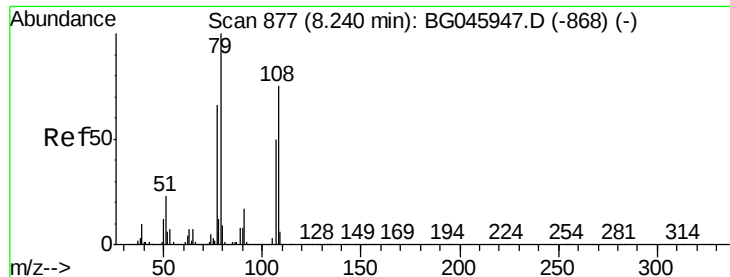
148 67.4 51.6 77.4

111 45.4 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 43.417 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

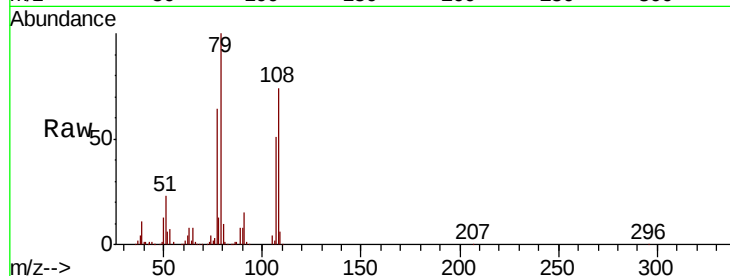
Tot Ion: 79 Resp: 484458

Ion Ratio Lower Upper

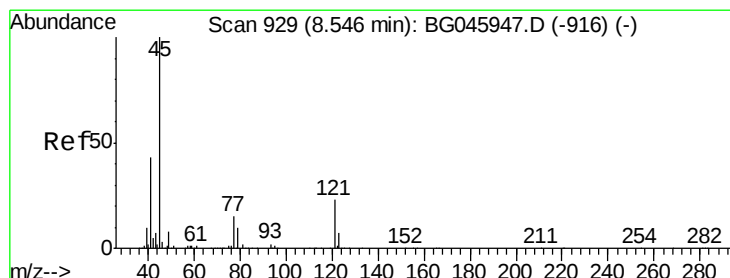
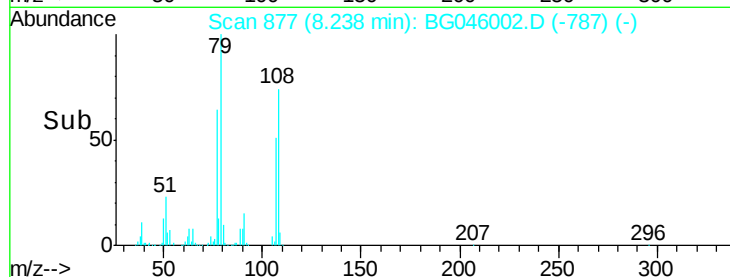
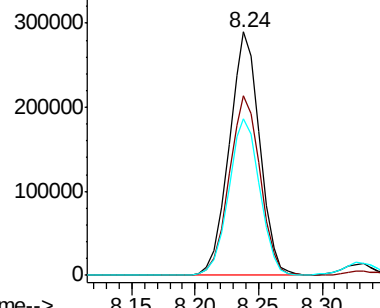
79 100

108 73.5 60.2 90.4

77 64.1 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.691 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

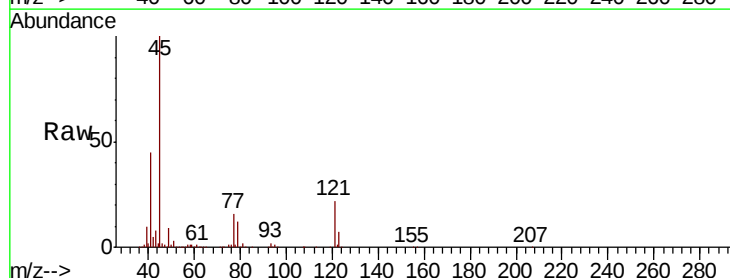
Tgt Ion: 45 Resp: 657512

Ion Ratio Lower Upper

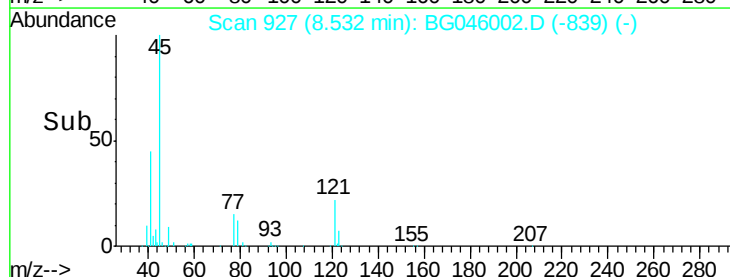
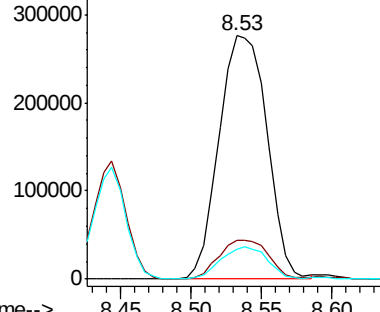
45 100

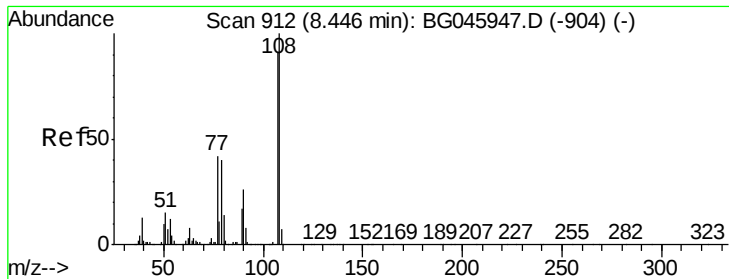
77 15.9 0.0 37.6

79 12.2 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





#17

2-Methylphenol

Concen: 41.777 ng

RT: 8.44 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion:107 Resp: 447490

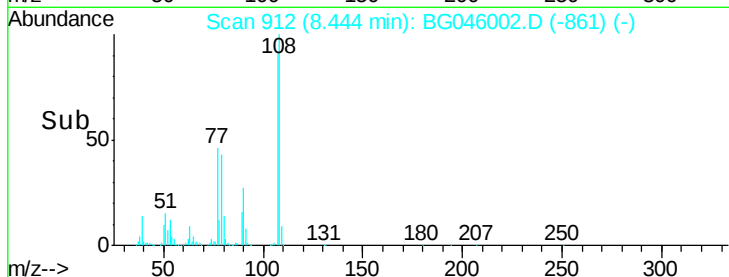
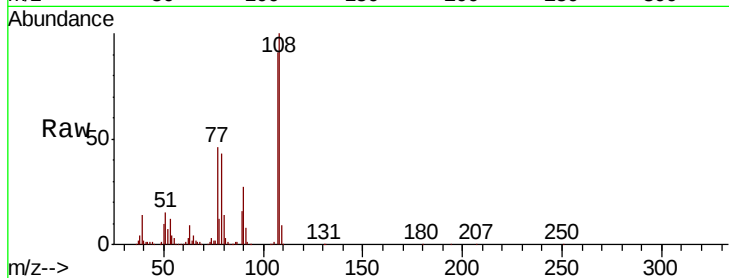
Ion Ratio Lower Upper

107 100

108 110.0 88.2 132.4

77 50.1 37.0 55.4

79 47.3 35.4 53.0

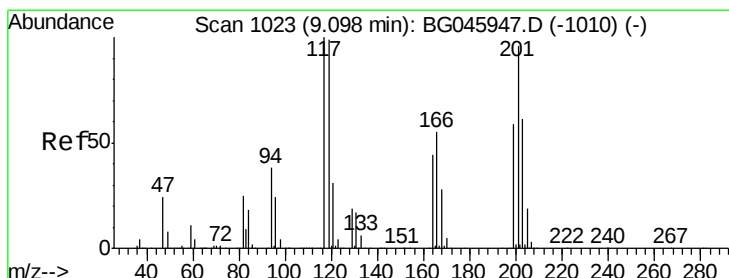
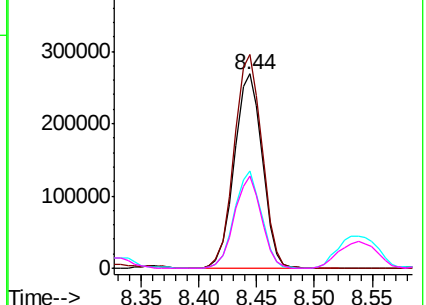


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.275 ng

RT: 9.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

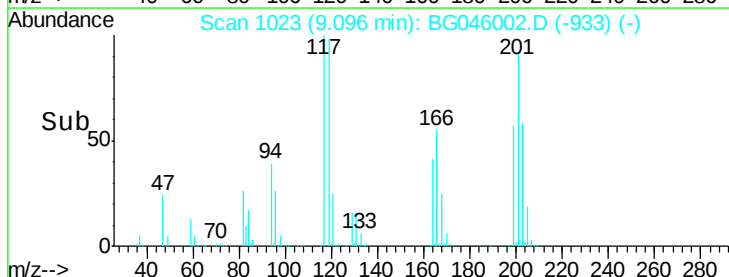
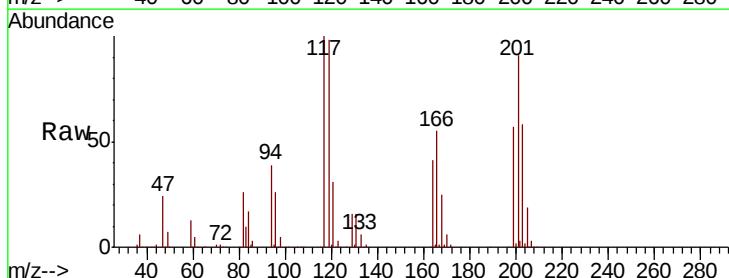
Tgt Ion:117 Resp: 200893

Ion Ratio Lower Upper

117 100

119 98.4 79.5 119.3

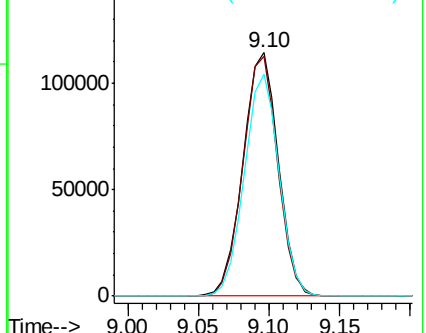
201 91.2 77.0 115.4

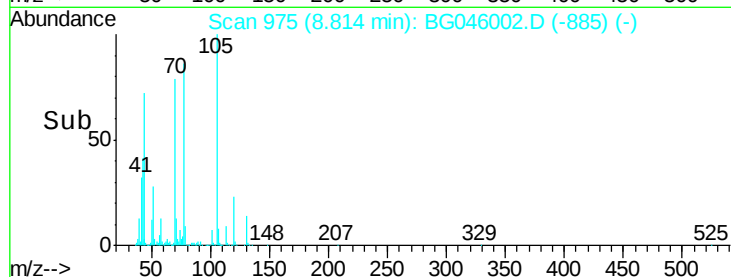
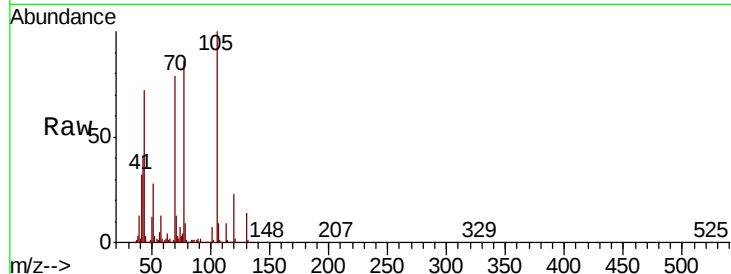
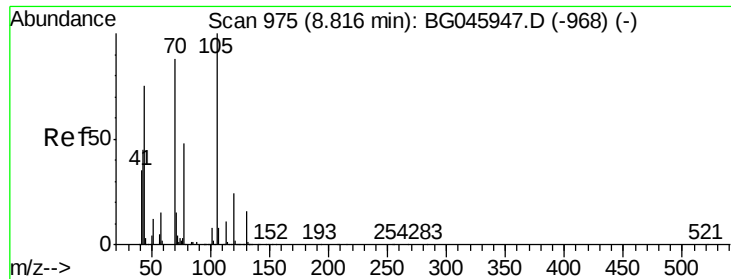


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

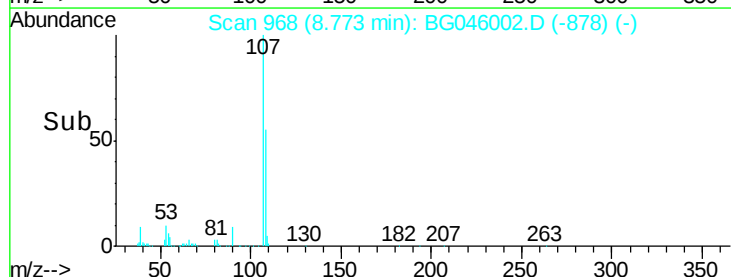
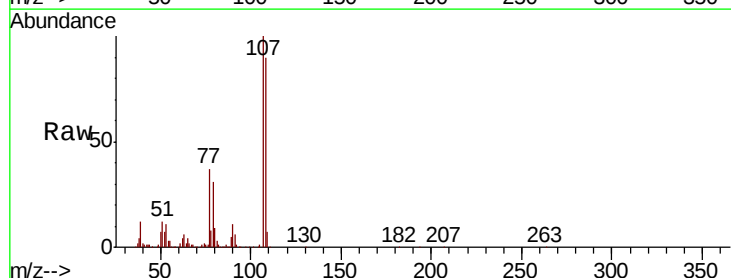
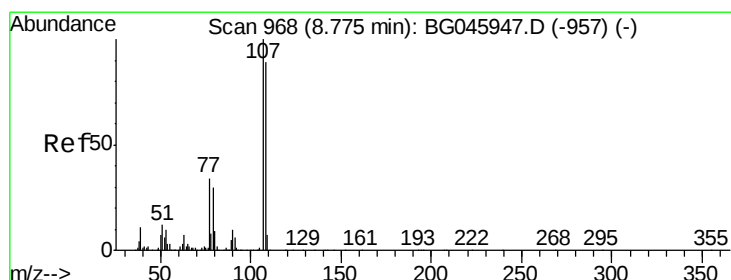
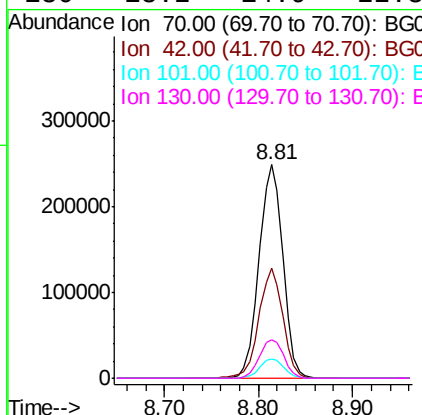




#19
n-Nitroso-di-n-propylamine
Concen: 43.644 ng
RT: 8.81 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

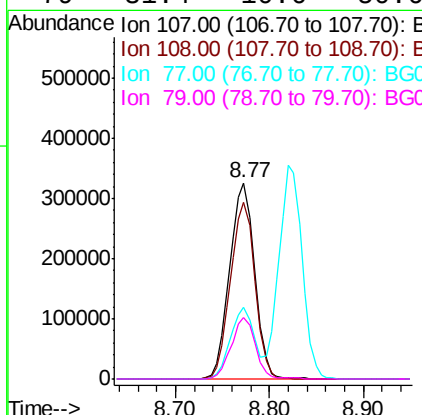
Instrument :
BNA_G
ClientSampleId :
PB130070BS

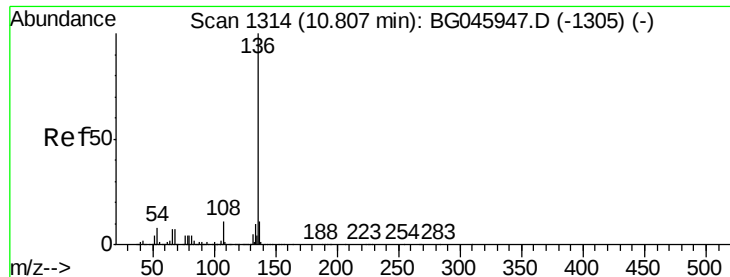
Tot Ion:	70	Resp:	436323
Ion	Ratio	Lower	Upper
70	100		
42	51.5	41.4	62.0
101	9.1	7.1	10.7
130	18.2	14.9	22.3



#20
3+4-Methylphenols
Concen: 41.234 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion:	107	Resp:	601949
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.7	108.7
77	36.6	14.6	54.6
79	31.4	10.6	50.6

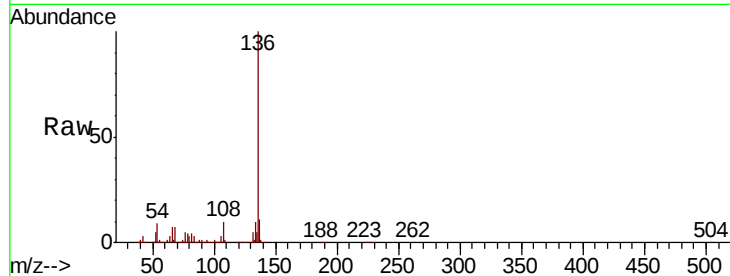




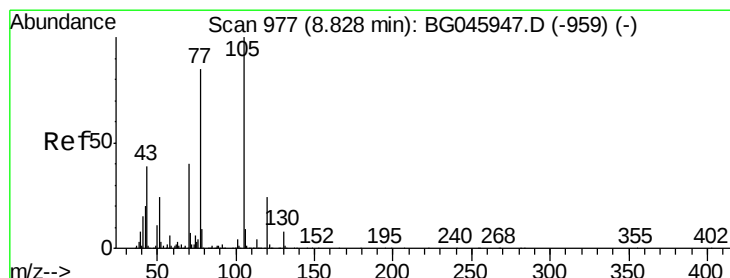
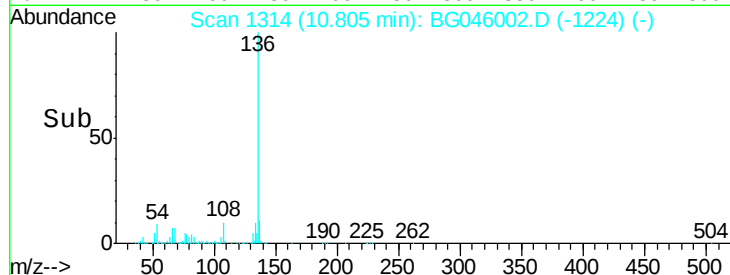
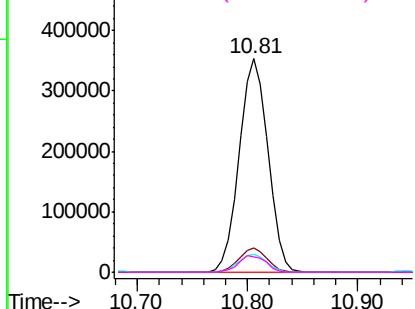
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion:136	Resp: 645042
Ion Ratio	Lower Upper
136 100	
137 11.2	9.2 13.8
54 8.6	6.2 9.4
68 7.2	5.8 8.8

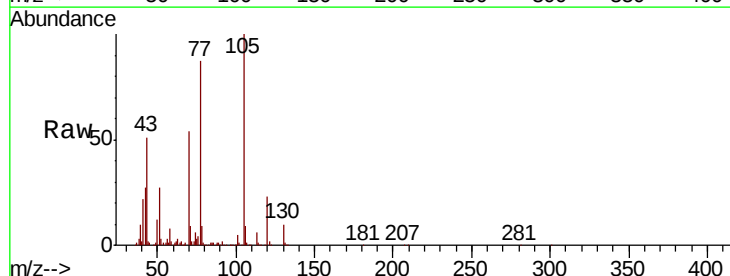


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

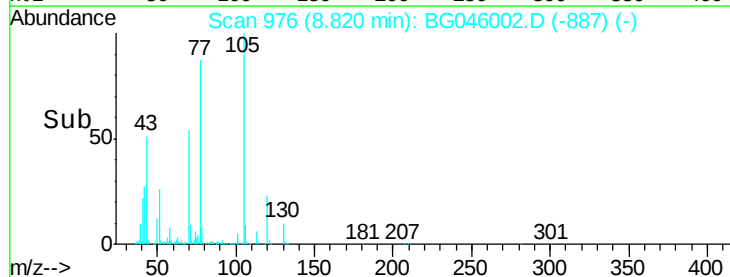
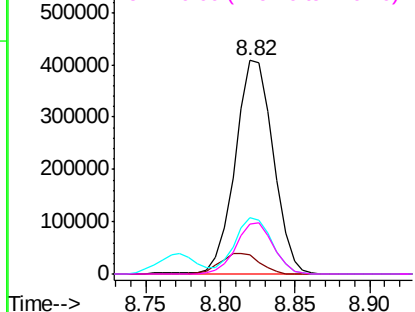


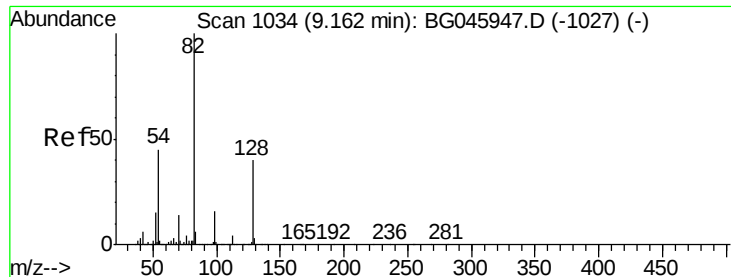
#22
Acetophenone
Concen: 41.671 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt	Ion:105	Resp:	718093
Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.2	9.2
51	26.6	19.7	29.5
120	23.4	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: 113.549 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

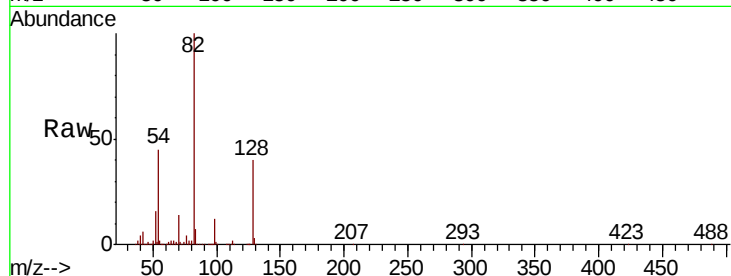
Tot Ion: 82 Resp: 1272524

Ion Ratio Lower Upper

82 100

128 40.3 32.2 48.4

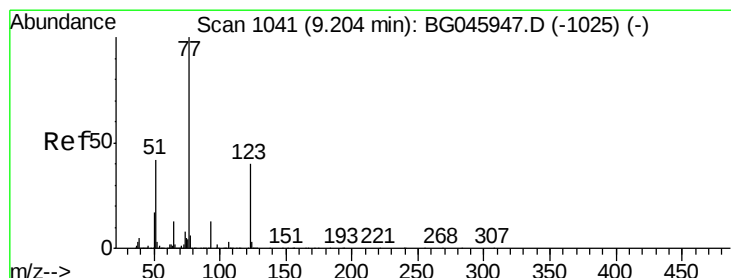
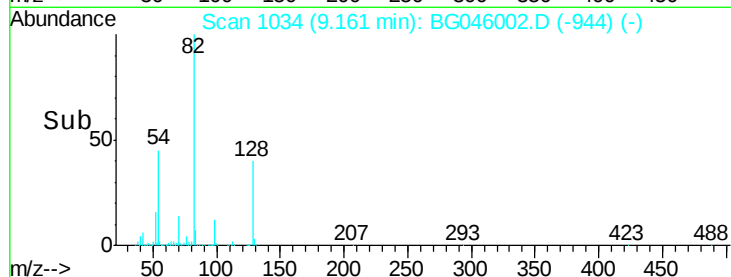
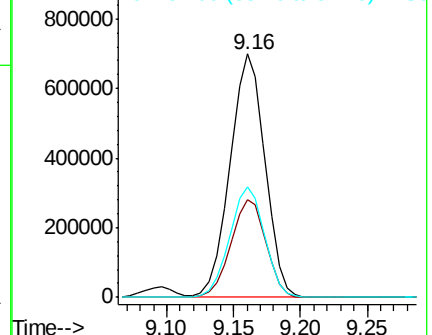
54 45.2 35.8 53.6



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 49.153 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

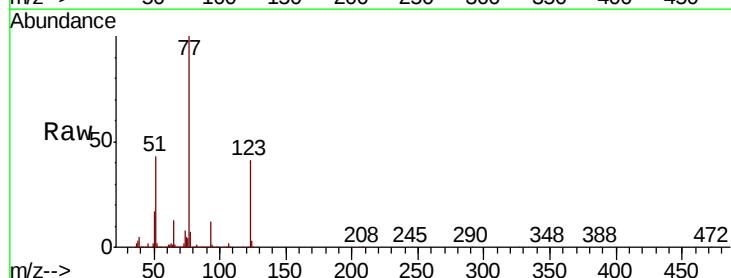
Tgt Ion: 77 Resp: 607989

Ion Ratio Lower Upper

77 100

123 41.0 32.7 49.1

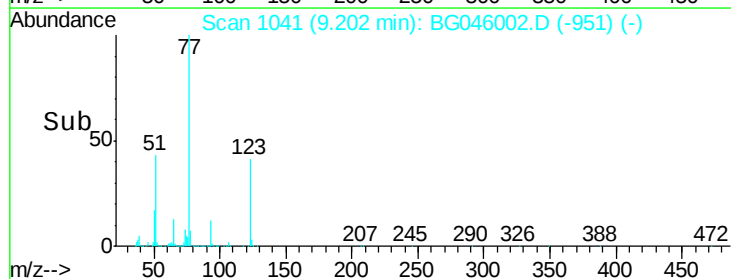
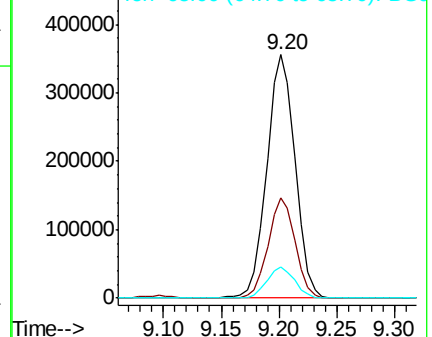
65 12.9 10.2 15.4

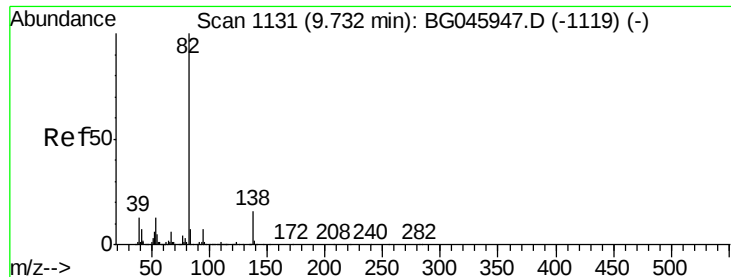


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 41.459 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

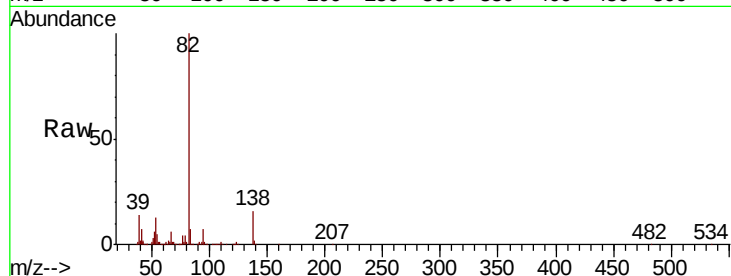
Tot Ion: 82 Resp: 1134265

Ion Ratio Lower Upper

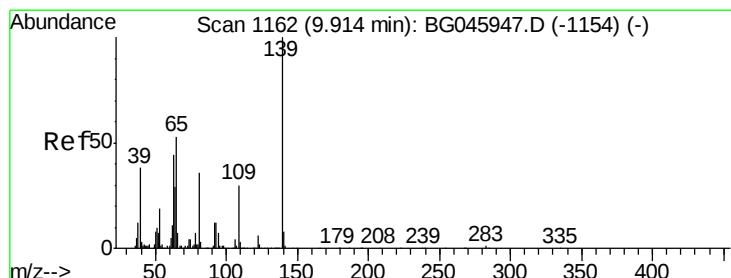
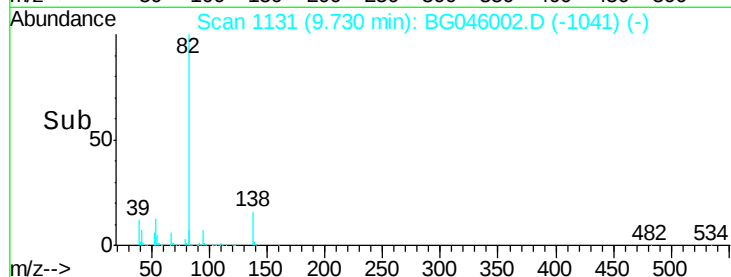
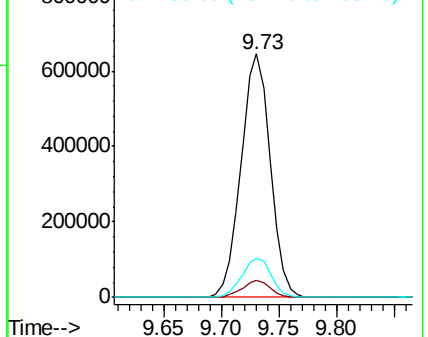
82 100

95 7.0 5.8 8.6

138 16.1 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: 53.438 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

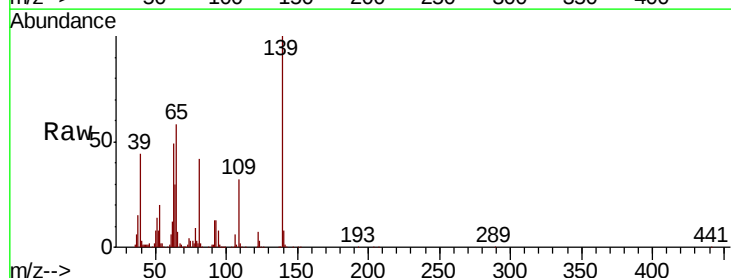
Tgt Ion: 139 Resp: 215447

Ion Ratio Lower Upper

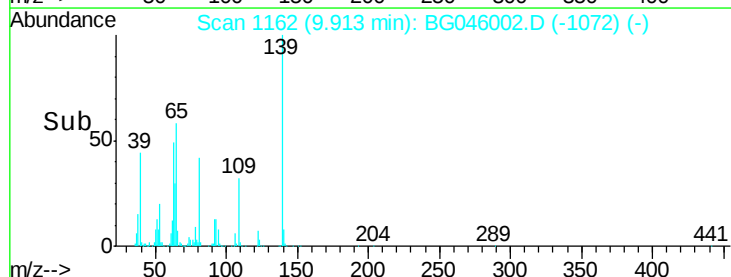
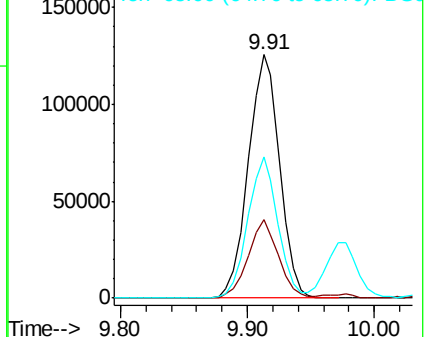
139 100

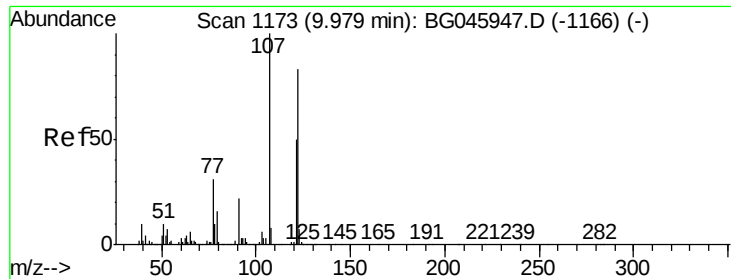
109 32.4 24.6 37.0

65 57.8 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

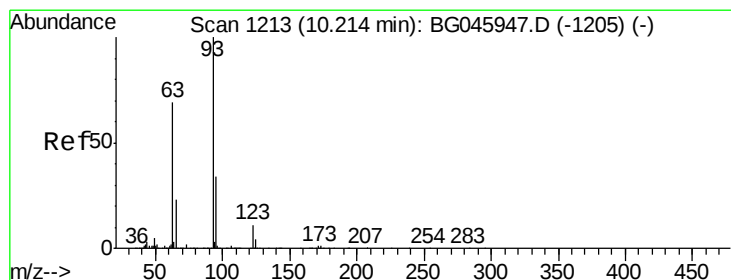
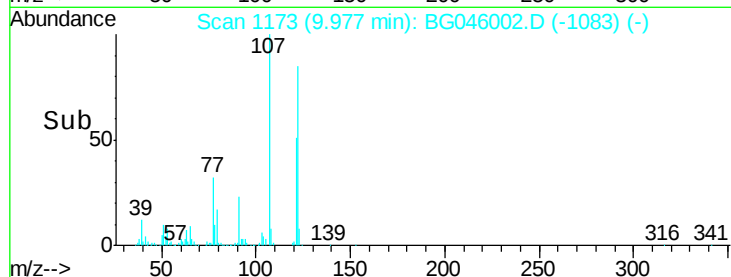
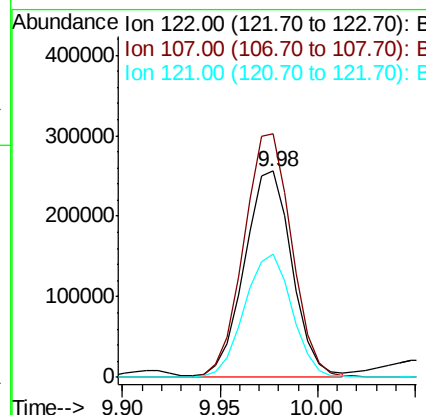
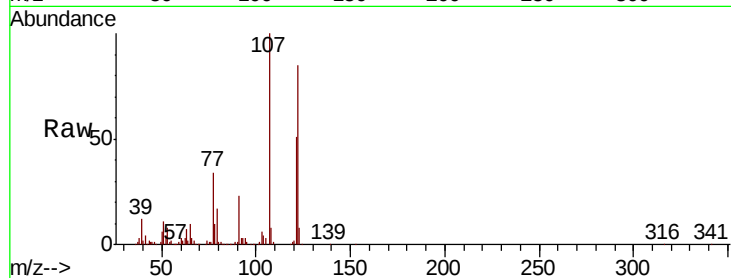




#27
 2,4-Dimethylphenol
 Concen: 44.216 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

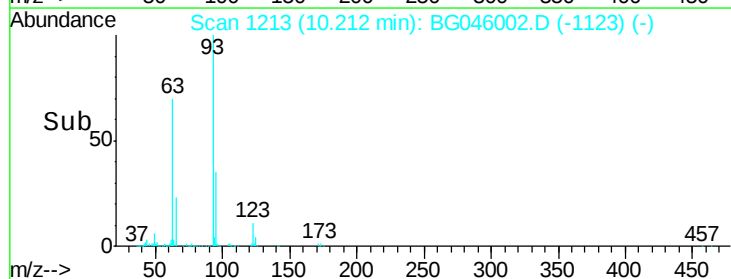
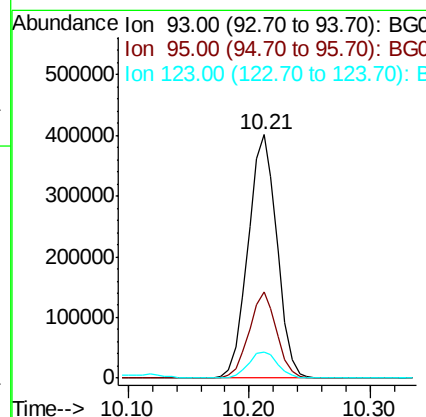
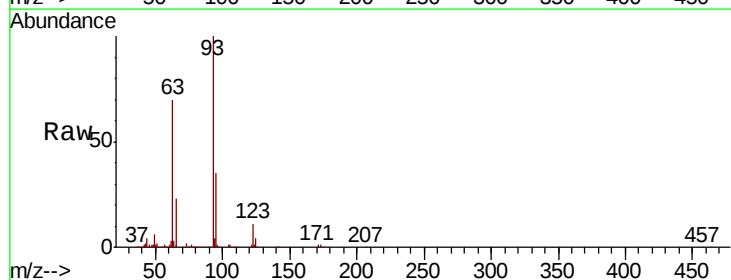
Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

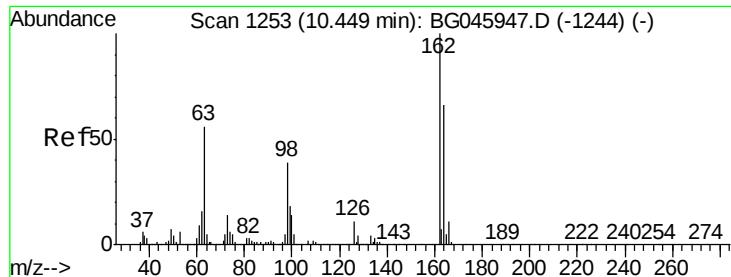
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	95.6	143.4
121	59.9	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.350 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.5	27.5	41.3
123	10.9	9.2	13.8

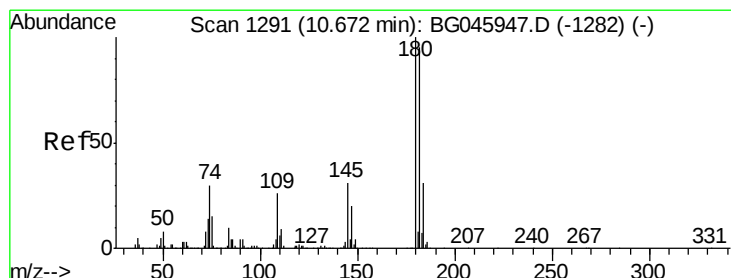
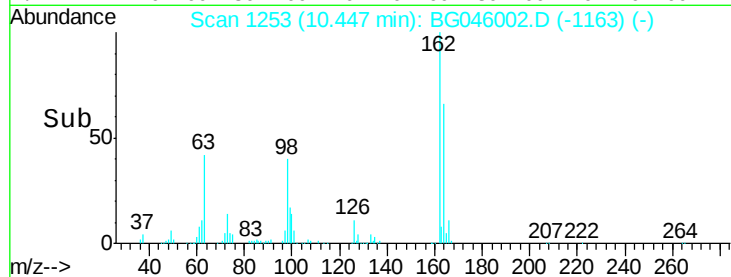
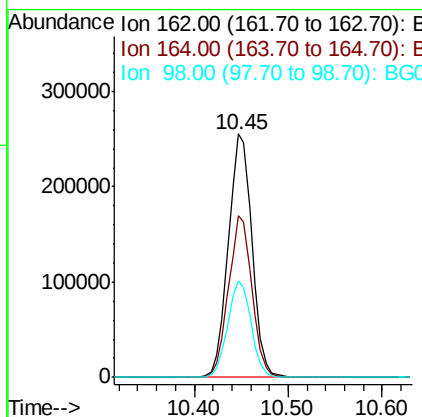
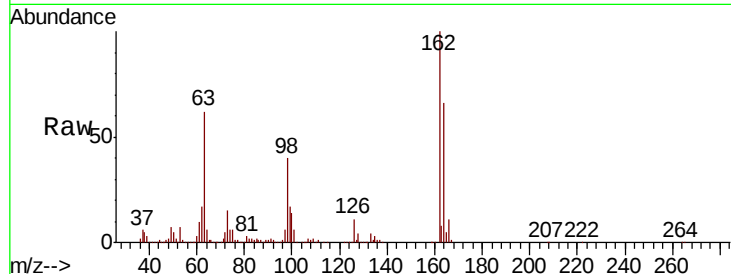




#29
 2,4-Dichlorophenol
 Concen: 44.187 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

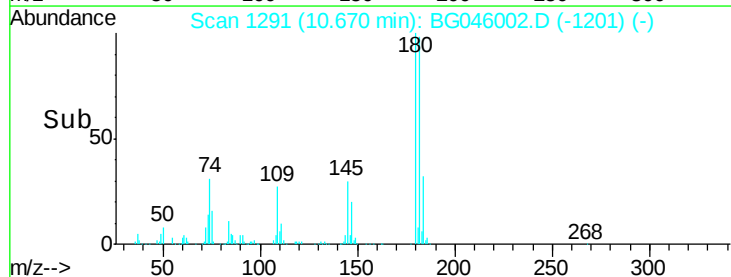
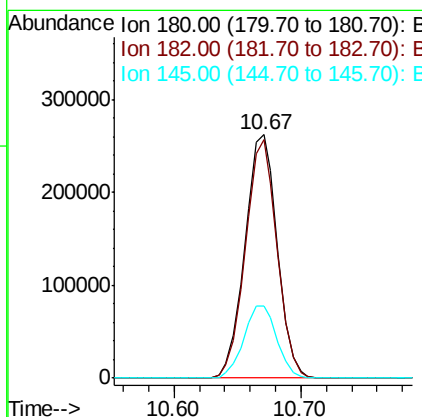
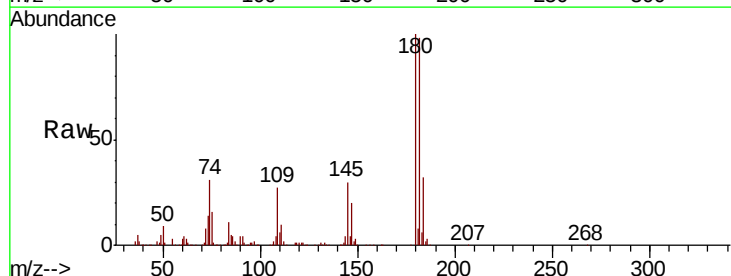
Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

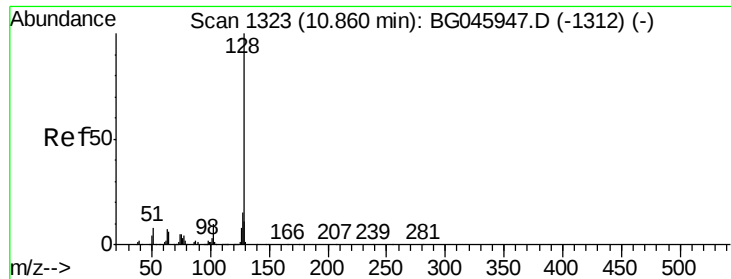
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	46.0	86.0
98	39.8	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.420 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.3	114.5
145	29.8	24.8	37.2

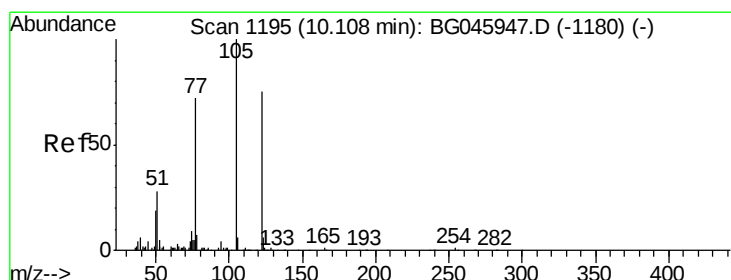
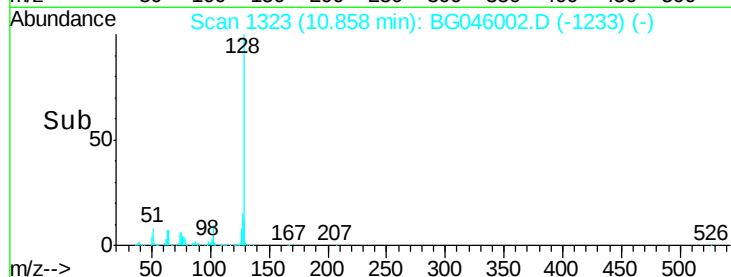
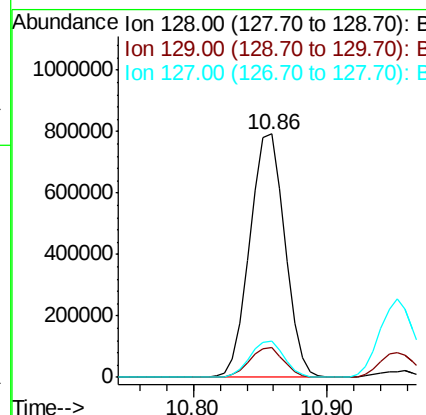
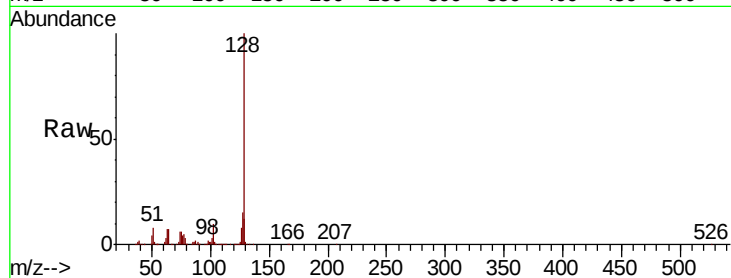




#31
Naphthalene
Concen: 41.536 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

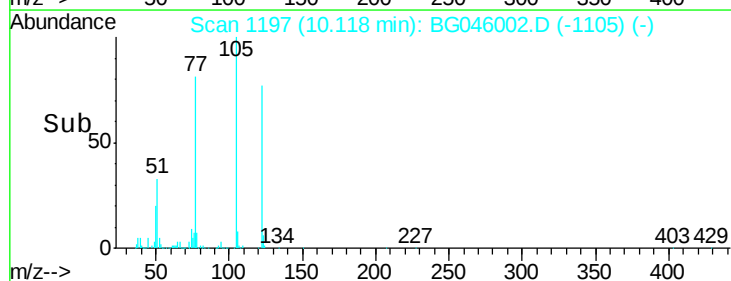
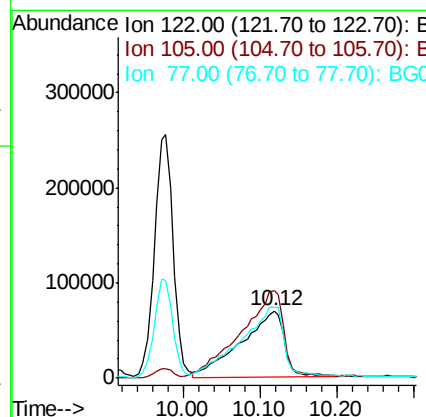
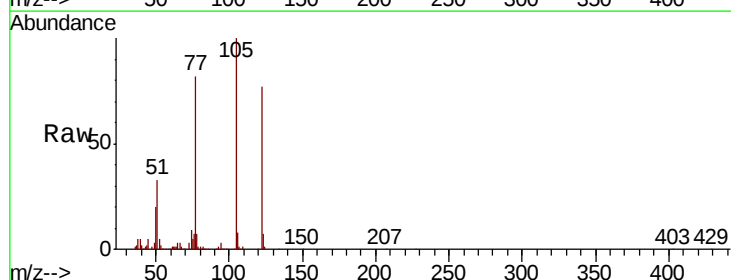
Instrument :
BNA_G
ClientSampleId :
PB130070BS

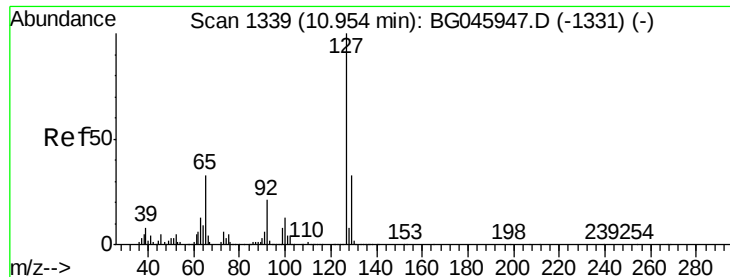
Tot Ion:128 Resp: 1436285
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 15.0 11.8 17.6



#32
Benzoic acid
Concen: 45.800 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion:122 Resp: 270336
Ion Ratio Lower Upper
122 100
105 129.6 110.8 150.8
77 105.8 76.4 116.4

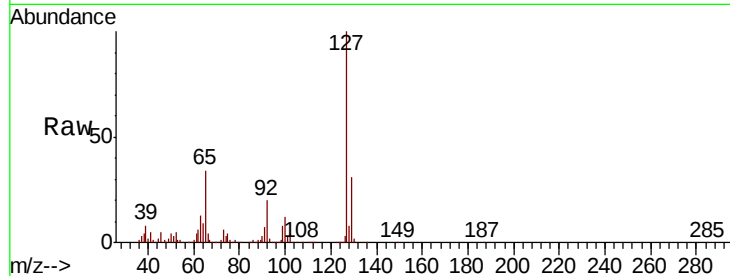




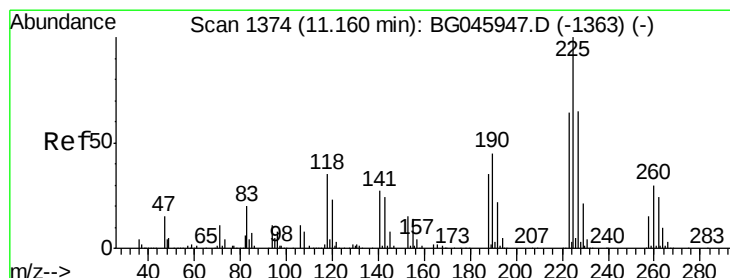
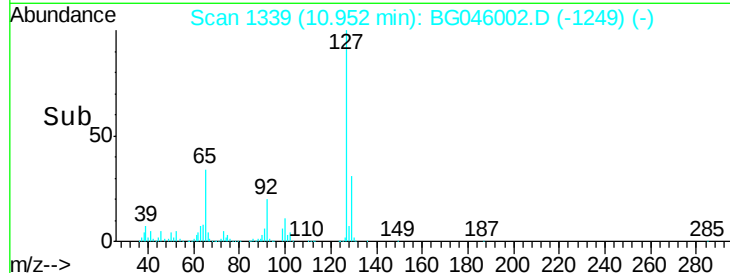
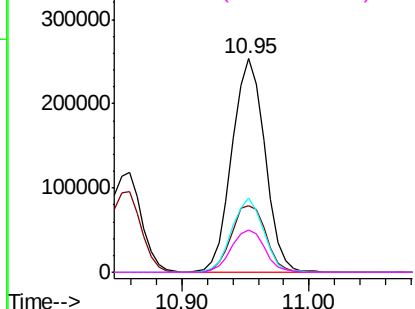
#33
4-Chloroaniline
Concen: 29.454 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion:	127	Resp:	455136
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.6	39.8
65	34.5	26.8	40.2
92	20.0	17.0	25.4

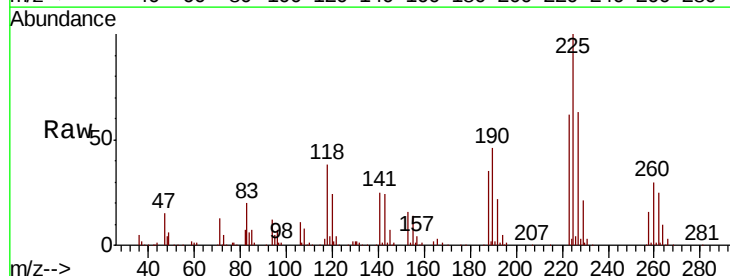


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

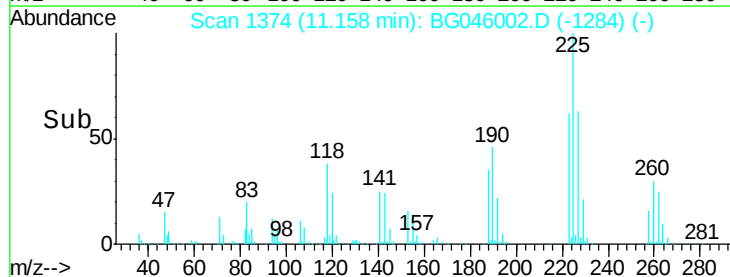
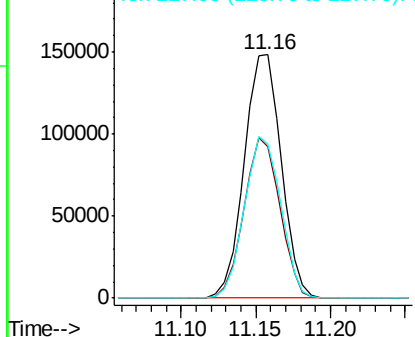


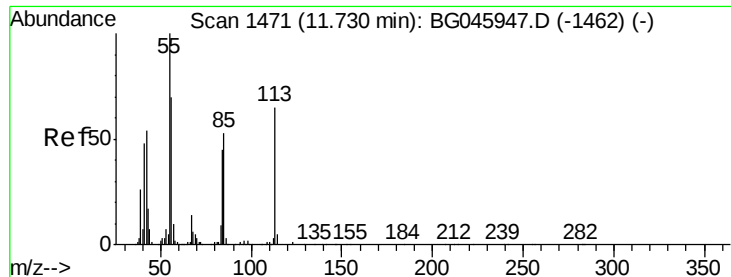
#34
Hexachlorobutadiene
Concen: 38.955 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion:	225	Resp:	254055
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.2	76.8
227	63.2	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: 19.801 ng

RT: 11.73 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

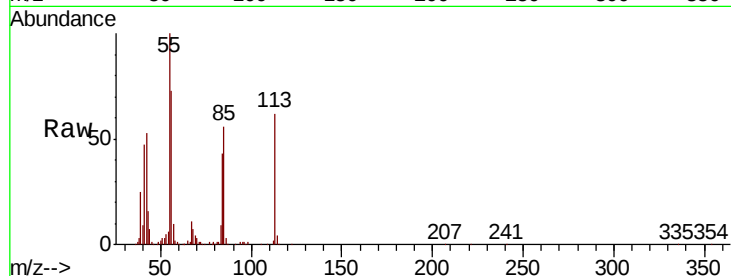
Tot Ion:113 Resp: 75786

Ion Ratio Lower Upper

113 100

55 161.3 141.6 181.6

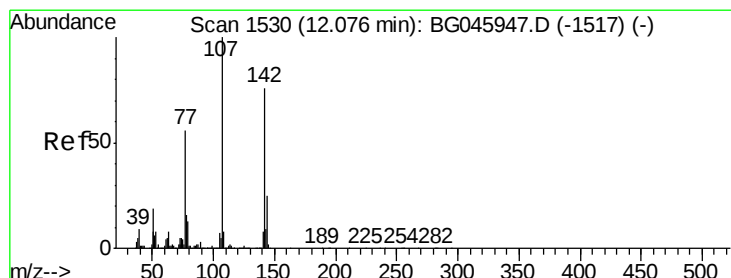
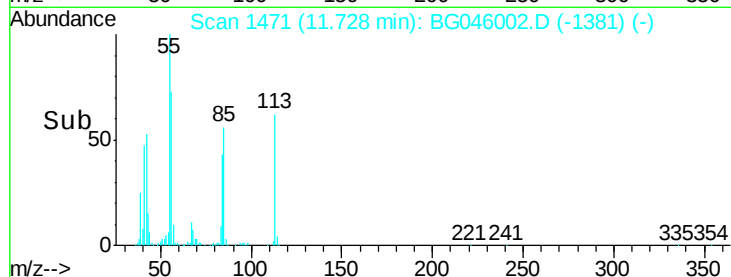
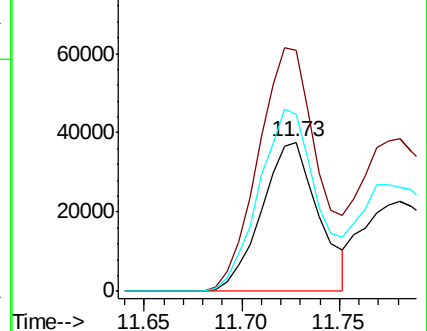
56 118.0 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.449 ng

RT: 12.07 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

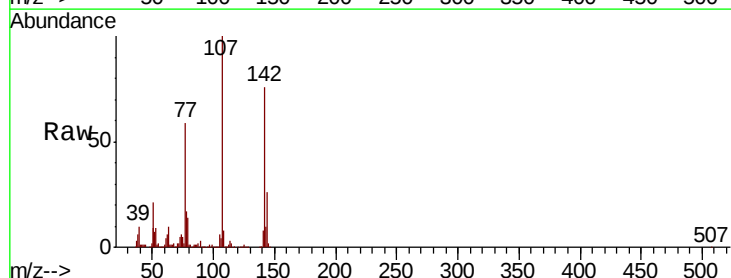
Tgt Ion:107 Resp: 510344

Ion Ratio Lower Upper

107 100

144 26.0 20.0 30.0

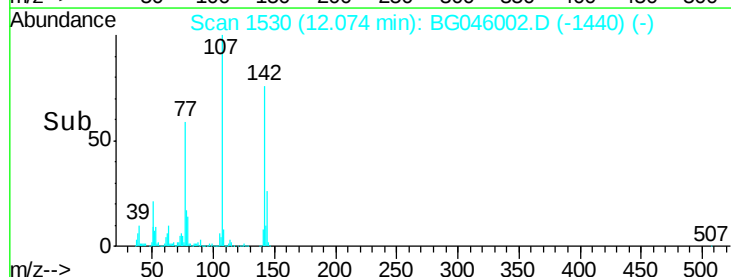
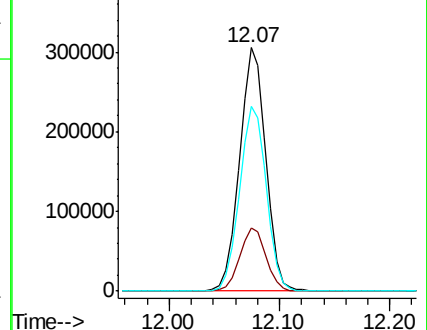
142 76.1 61.1 91.7

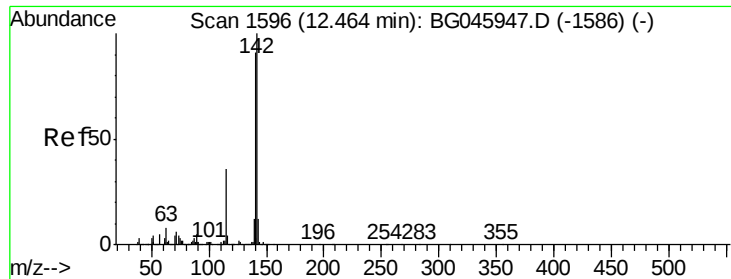


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



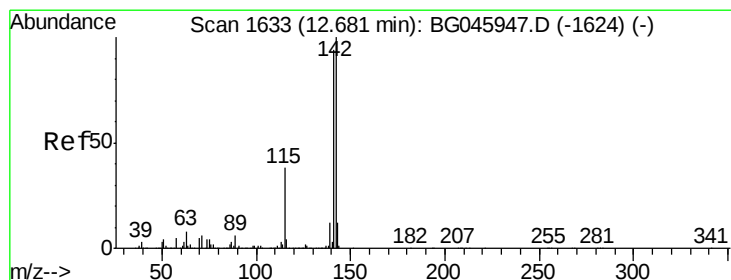
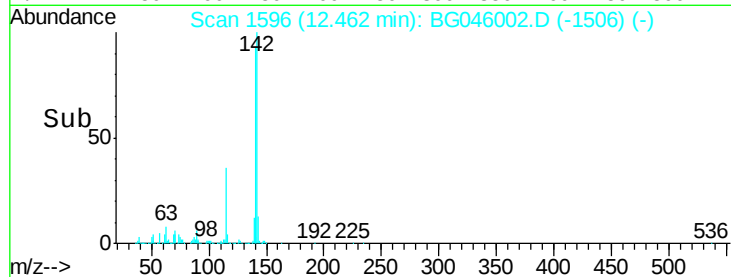
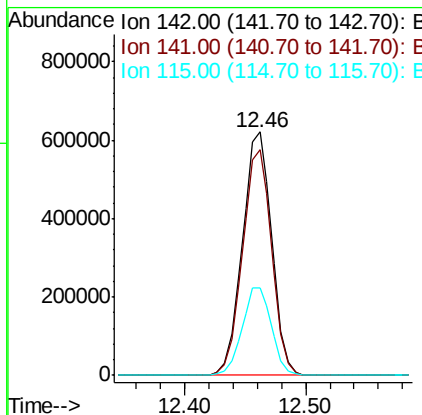
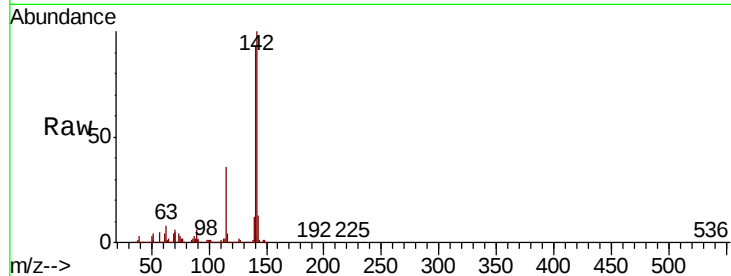


#37
 2-Methylnaphthalene
 Concen: 42.546 ng
 RT: 12.46 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Tot Ion:142 Resp: 1045834

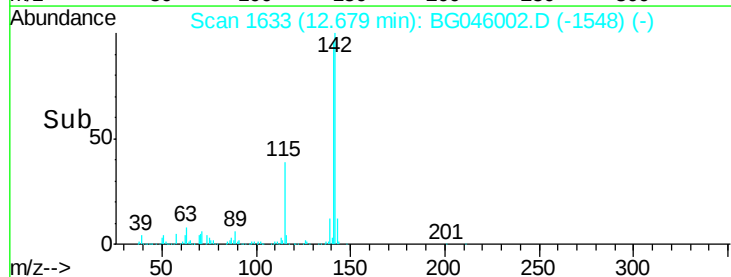
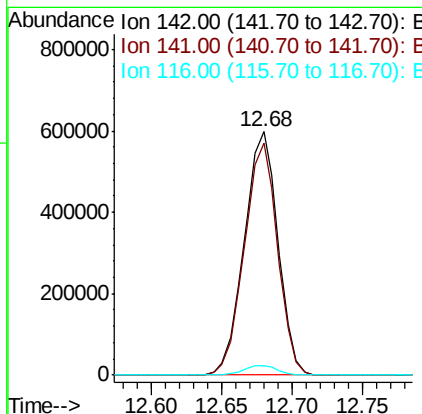
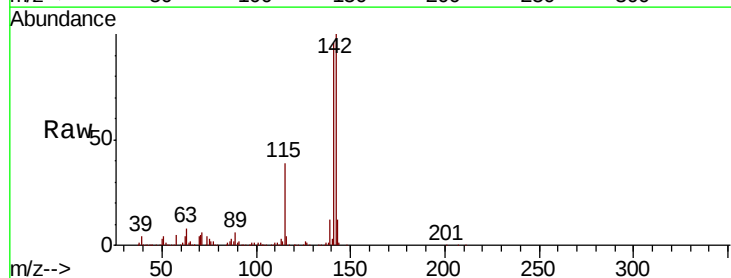
Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.0	109.6
115	35.9	28.8	43.2

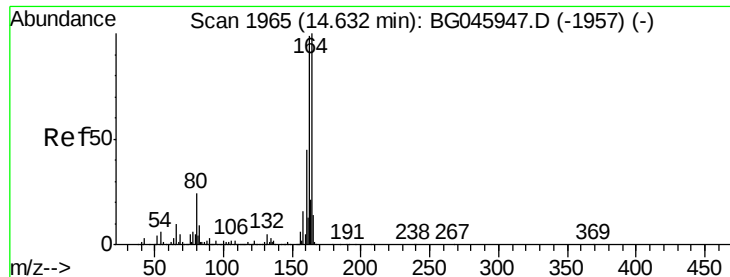


#38
 1-Methylnaphthalene
 Concen: 43.084 ng
 RT: 12.68 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion:142 Resp: 999481

Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.2	112.8
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

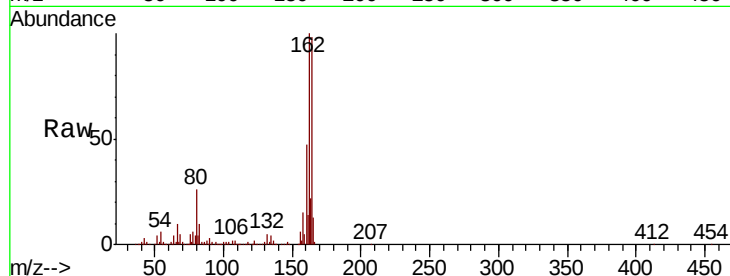
Tot Ion:164 Resp: 382596

Ion Ratio Lower Upper

164 100

162 102.5 79.3 118.9

160 48.3 35.7 53.5

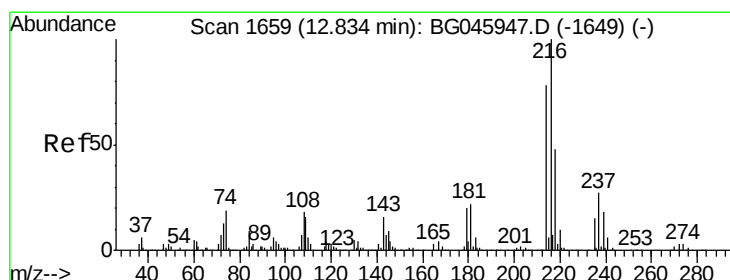
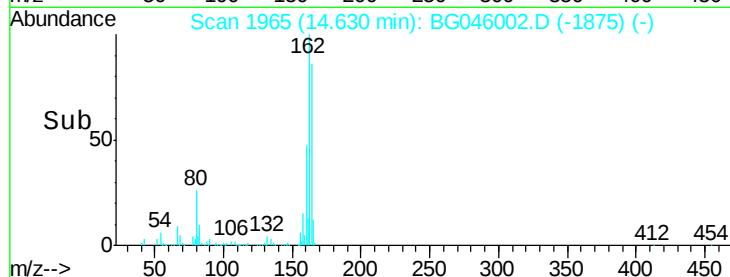
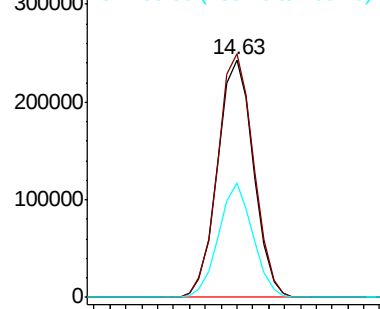


Abundance

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: 41.665 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion:216 Resp: 449362

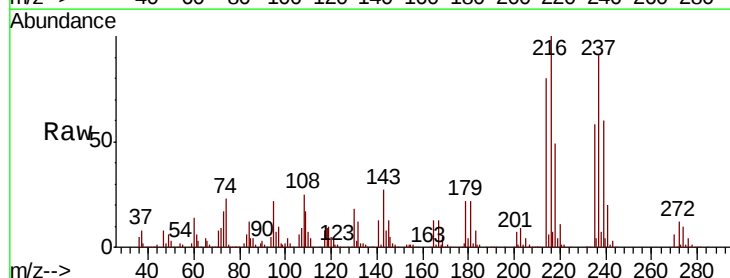
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 21.6 17.0 25.6

108 25.2 17.3 25.9



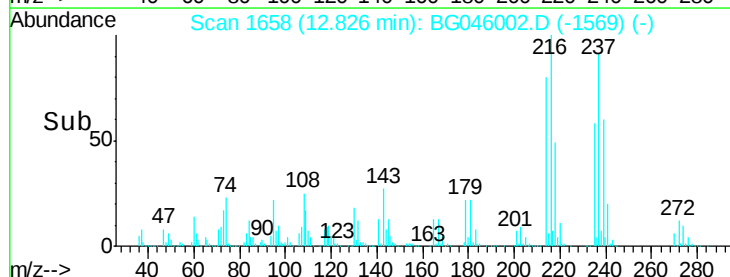
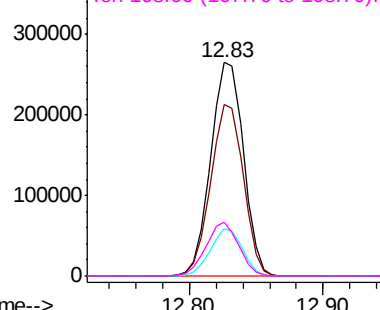
Abundance

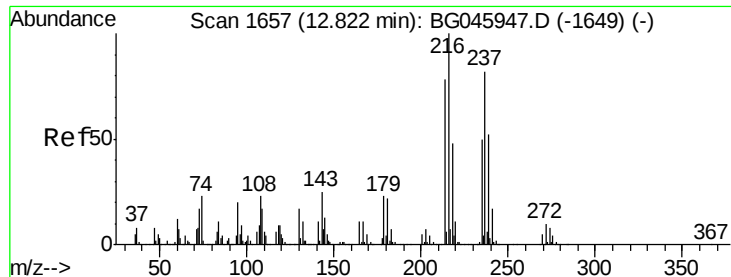
Ion 216.00 (215.70 to 216.70): E

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

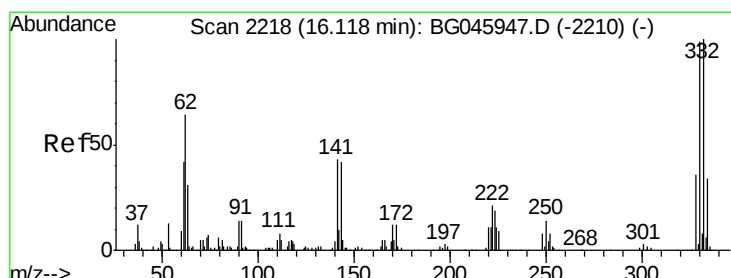
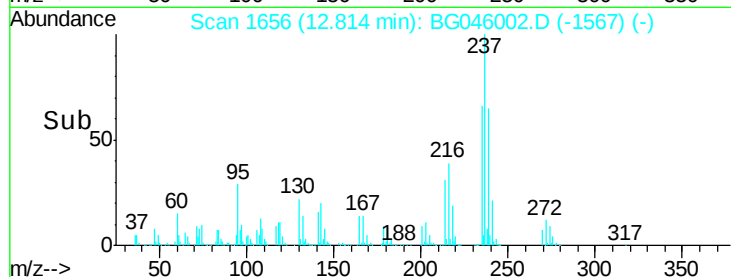
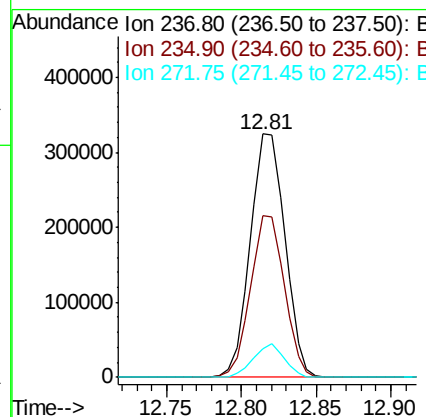
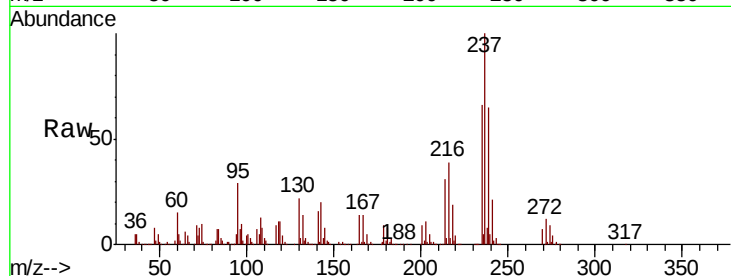




#41
Hexachlorocyclopentadiene
Concen: 81.391 ng
RT: 12.81 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

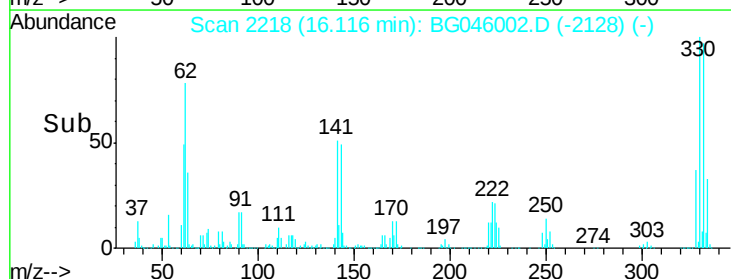
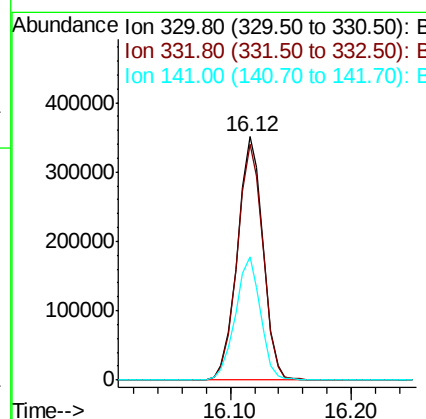
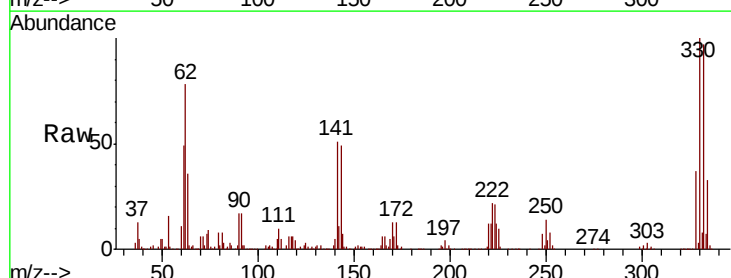
Instrument :
BNA_G
ClientSampleId :
PB130070BS

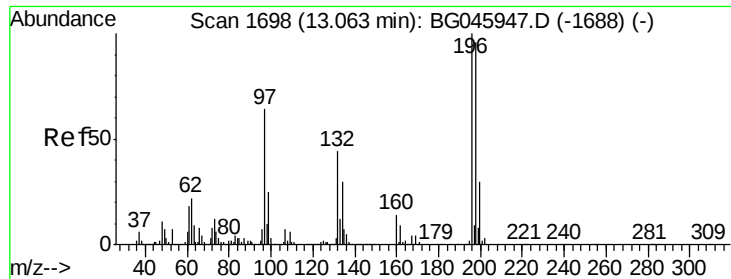
Tot Ion	Ratio	Lower	Upper
237	100		
235	66.4	41.5	81.5
272	12.0	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 146.045 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.3	117.5
141	49.7	36.6	54.8

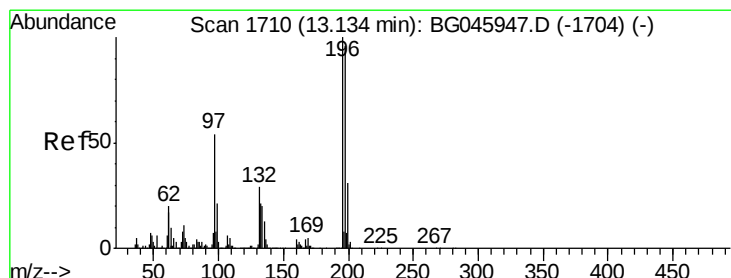
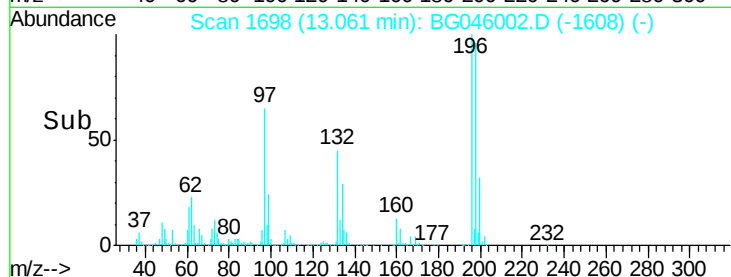
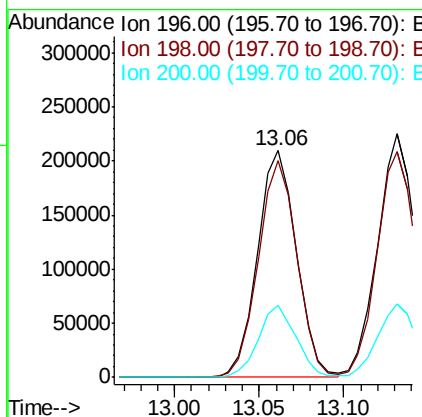
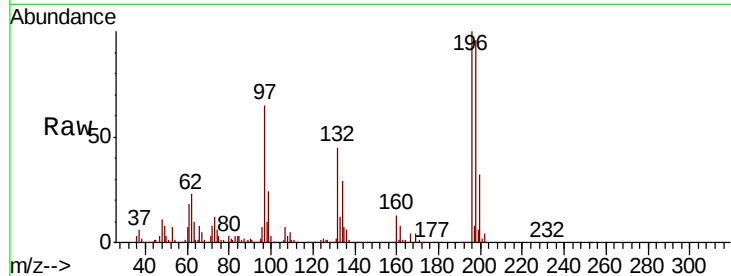




#43
 2,4,6-Trichlorophenol
 Concen: 45.639 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

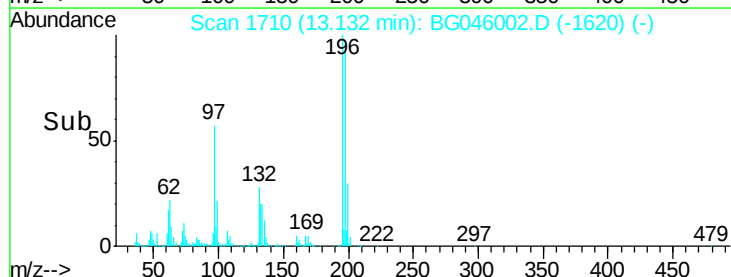
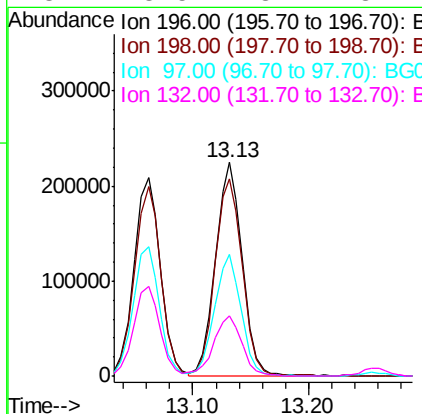
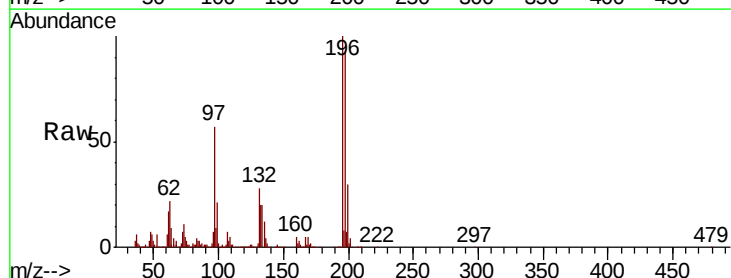
Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

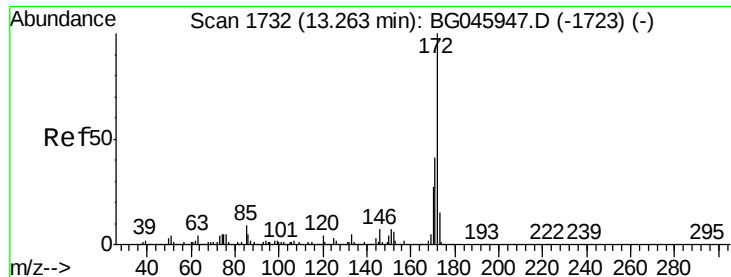
Tot Ion:196	Resp:	332886
Ion Ratio	Lower	Upper
196	100	
198	95.6	76.7 115.1
200	31.9	24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.297 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion:196	Resp:	357071
Ion Ratio	Lower	Upper
196	100	
198	92.5	77.0 115.6
97	57.0	44.3 66.5
132	28.5	23.1 34.7

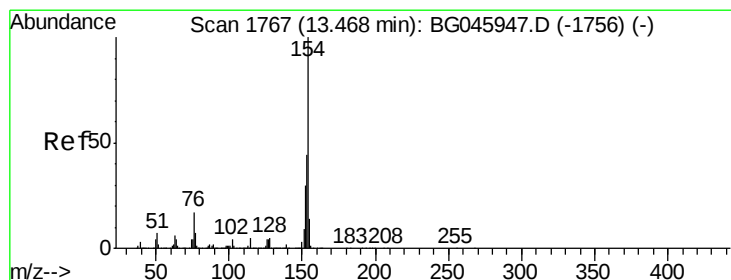
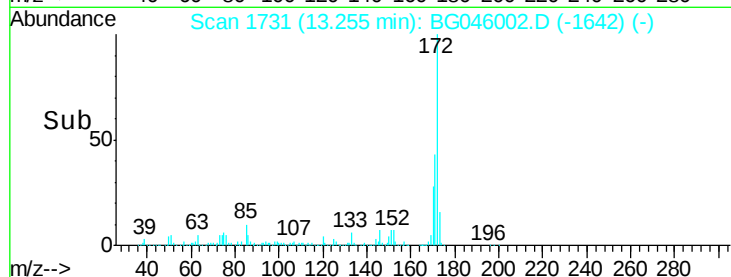
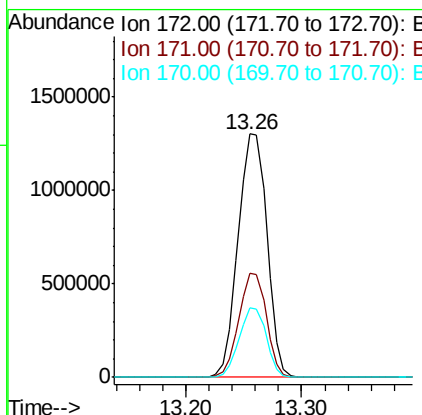
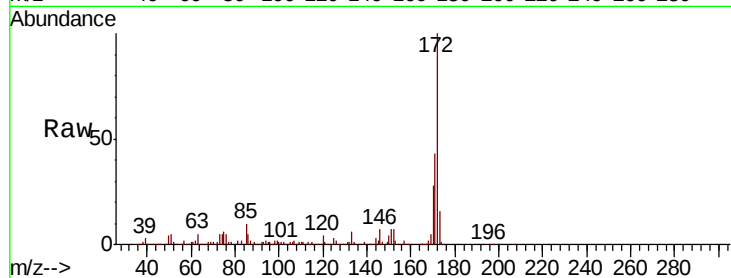




#45
2-Fluorobiphenyl
Concen: 91.968 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

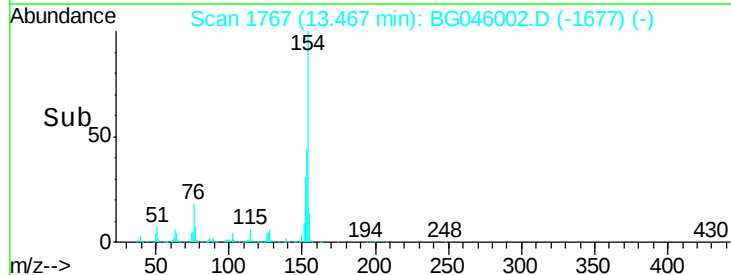
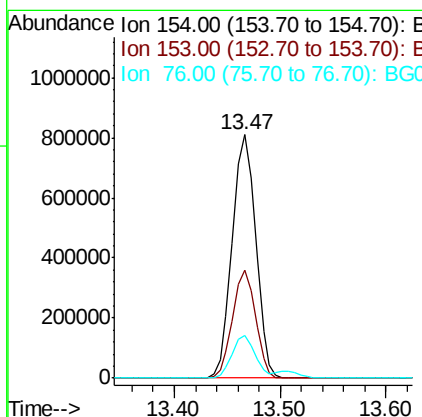
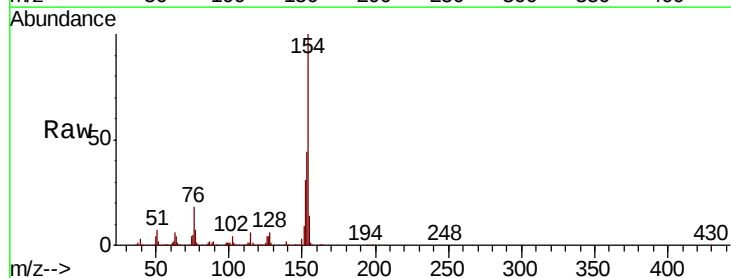
Instrument :
BNA_G
ClientSampleId :
PB130070BS

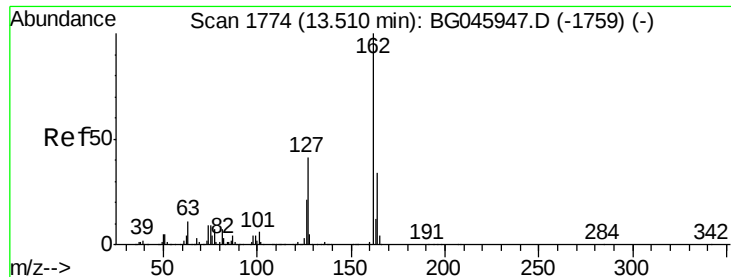
Tot Ion:172 Resp: 2255793
Ion Ratio Lower Upper
172 100
171 42.6 32.9 49.3
170 28.4 21.8 32.6



#46
1,1'-Biphenyl
Concen: 43.191 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion:154 Resp: 1243079
Ion Ratio Lower Upper
154 100
153 44.2 23.6 63.6
76 17.6 0.0 36.9

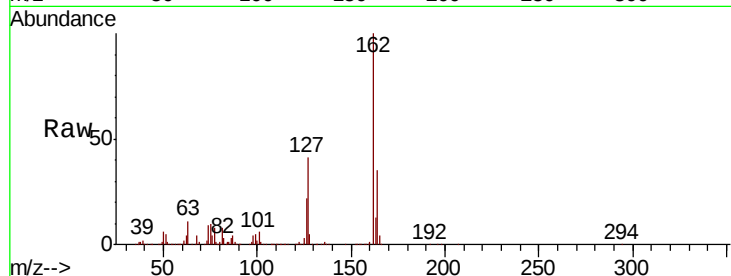




#47
2-Chloronaphthalene
Concen: 41.950 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.5	48.7
164	35.3	27.2	40.8

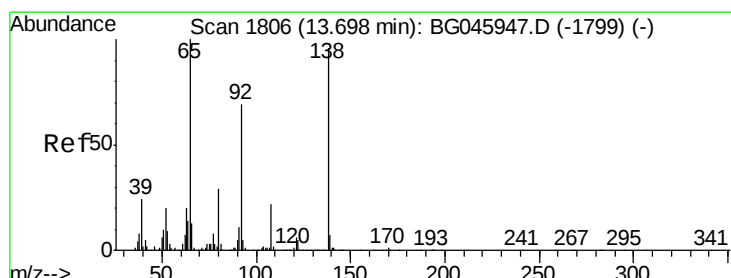
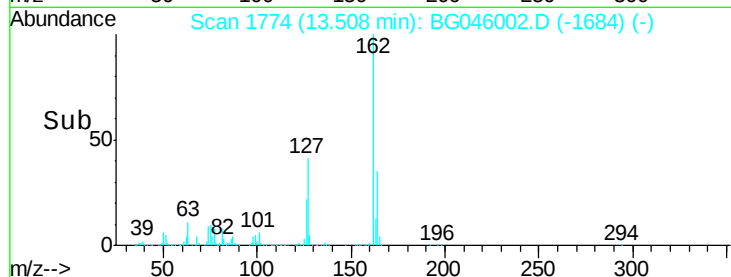
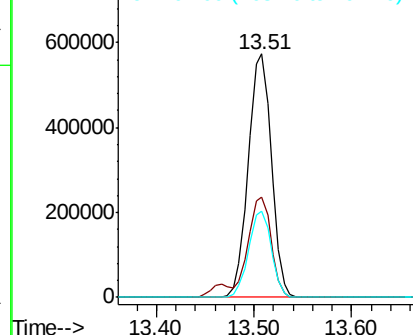


Abundance

Ion 162.00 (161.70 to 162.70): E

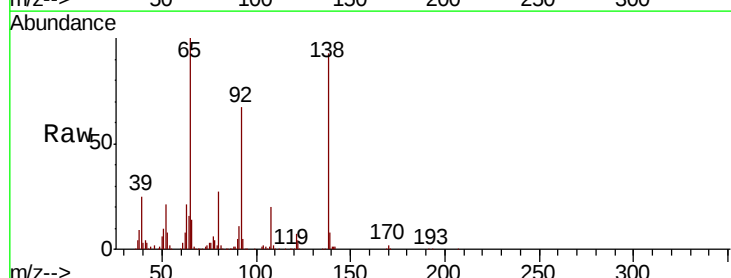
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 53.729 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	55.4	83.0
138	92.8	77.0	115.4

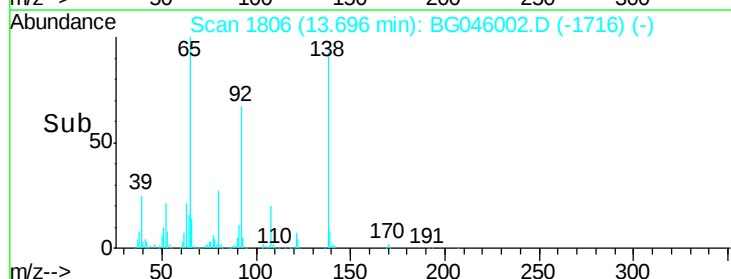
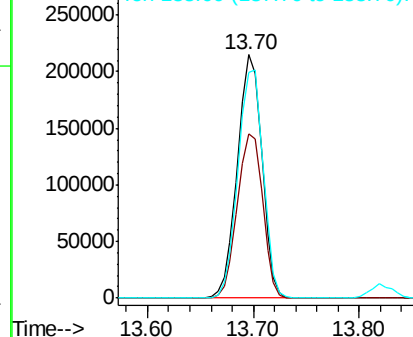


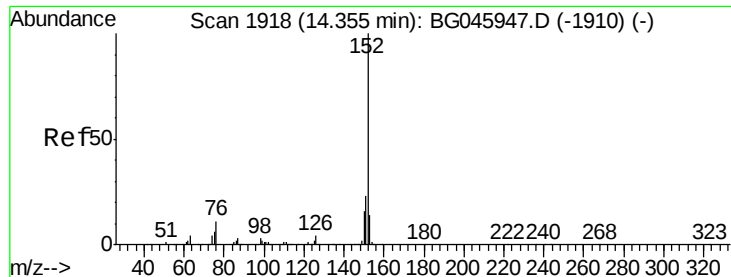
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.002 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

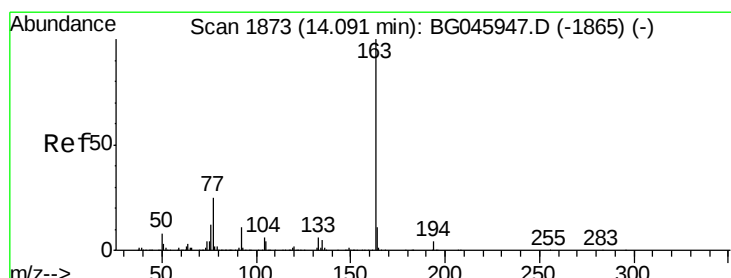
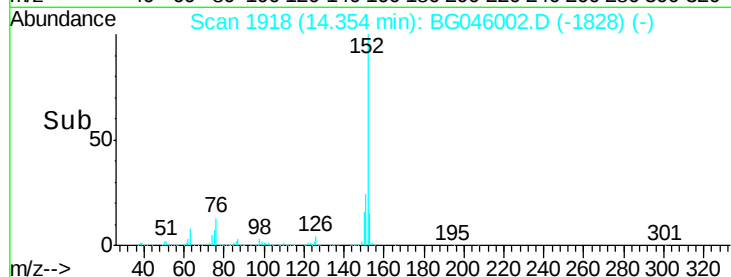
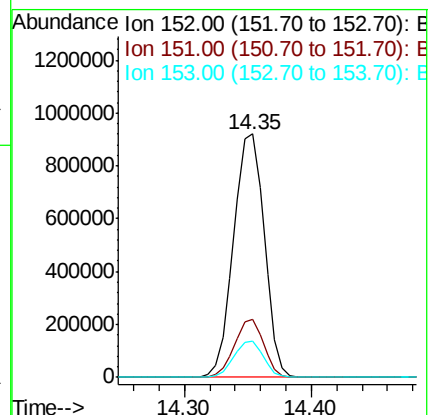
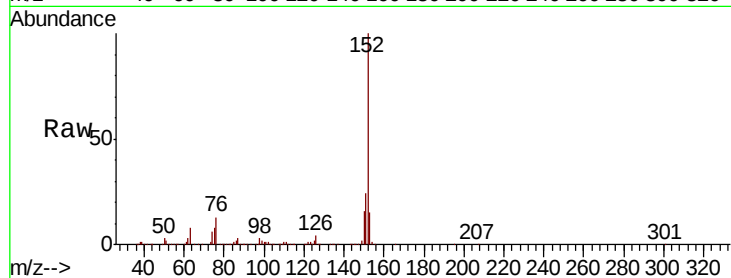
Tot Ion:152 Resp: 1538894

Ion	Ratio	Lower	Upper
152	100		
151	23.9	18.1	27.1
153	14.7	11.5	17.3

152 100

151 23.9 18.1 27.1

153 14.7 11.5 17.3



#50

Dimethylphthalate

Concen: 41.741 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

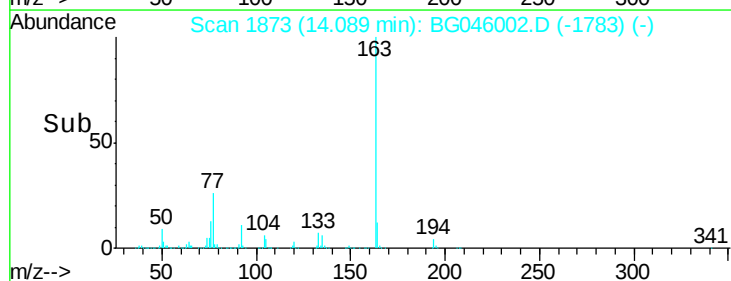
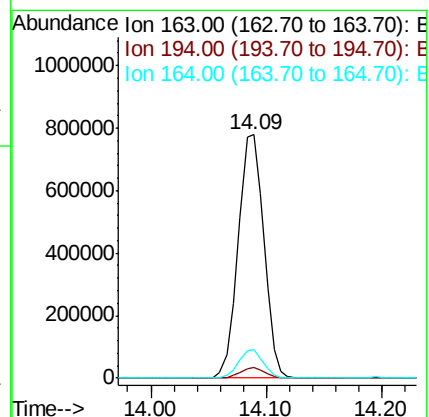
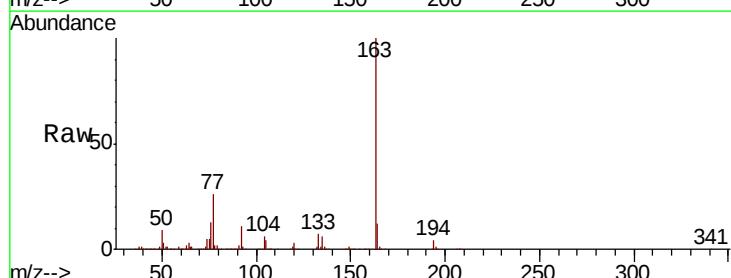
Tgt Ion:163 Resp: 1198513

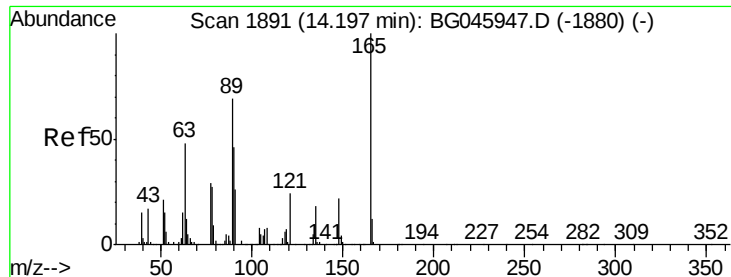
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	11.6	8.9	13.3

163 100

194 4.4 3.6 5.4

164 11.6 8.9 13.3





#51

2,6-Dinitrotoluene

Concen: 51.967 ng

RT: 14.19 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

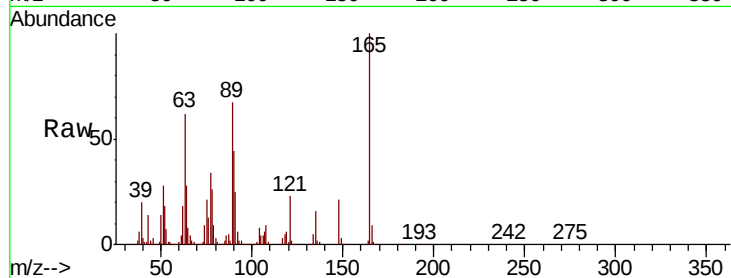
Tot Ion:165 Resp: 268391

Ion Ratio Lower Upper

165 100

63 62.3 51.0 76.4

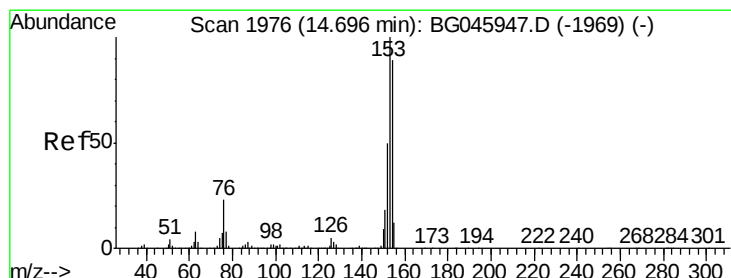
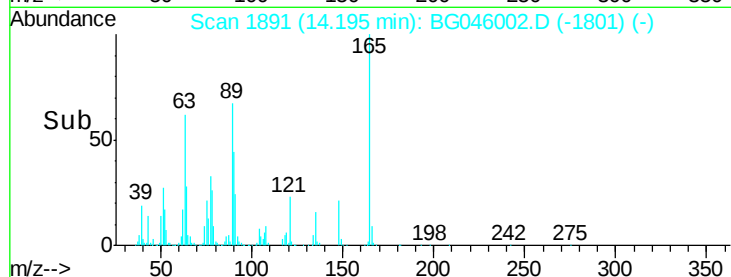
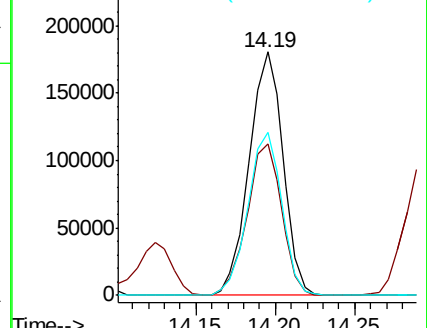
89 67.1 55.7 83.5



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: 46.007 ng

RT: 14.69 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

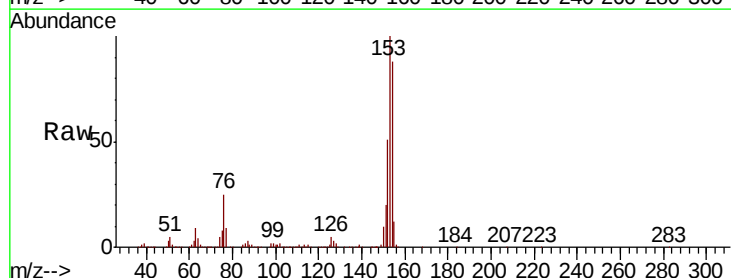
Tgt Ion:154 Resp: 1063235

Ion Ratio Lower Upper

154 100

153 113.4 89.7 134.5

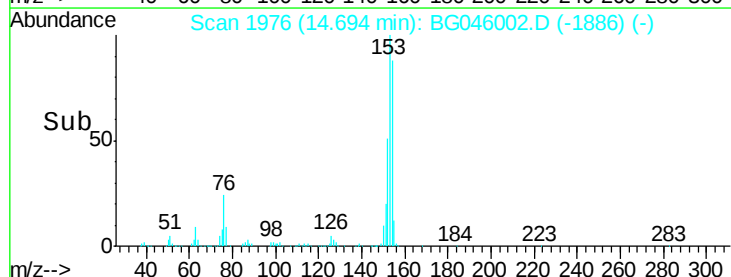
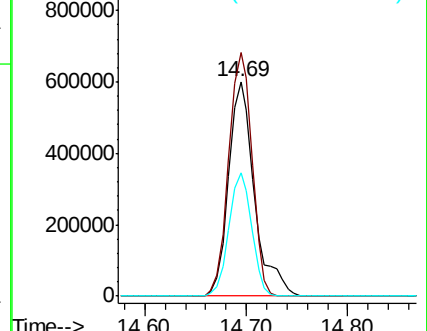
152 57.4 44.7 67.1

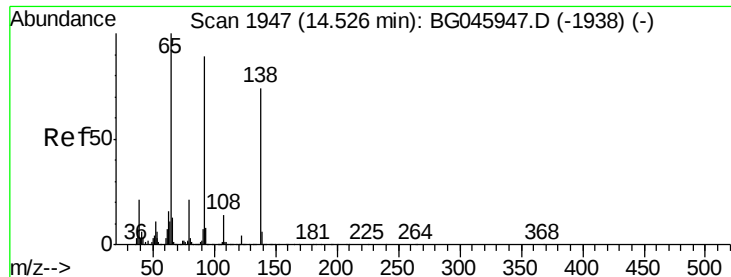


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.108 ng

RT: 14.52 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

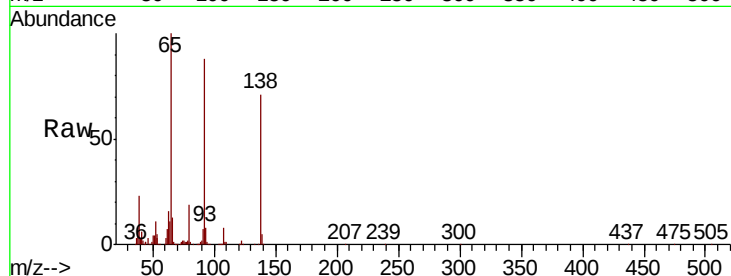
Tot Ion:138 Resp: 256166

Ion Ratio Lower Upper

138 100

108 10.9 15.4 23.2#

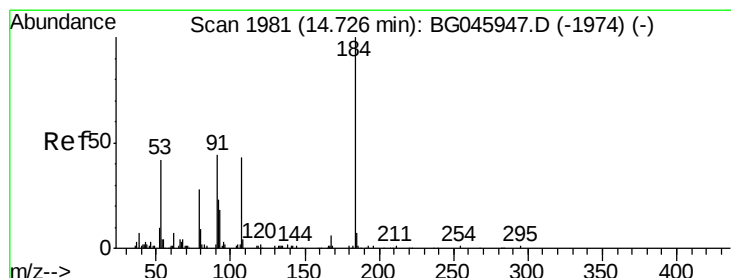
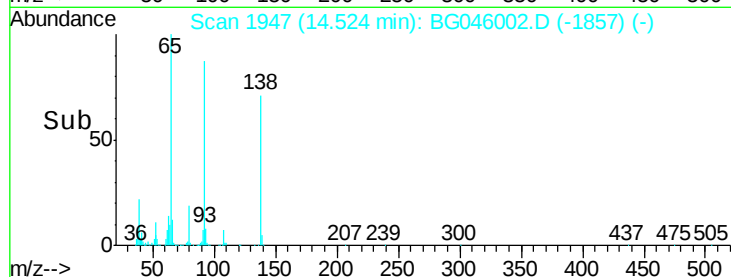
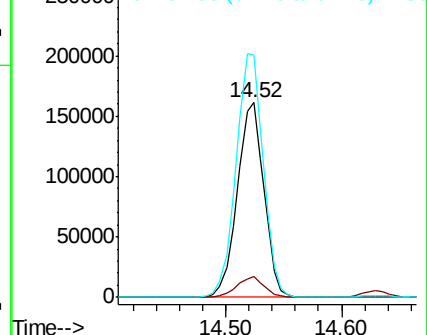
92 124.2 95.9 143.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 99.870 ng

RT: 14.72 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

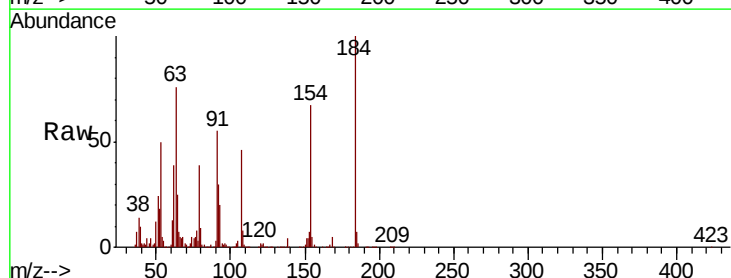
Tgt Ion:184 Resp: 195026

Ion Ratio Lower Upper

184 100

63 76.1 46.0 69.0#

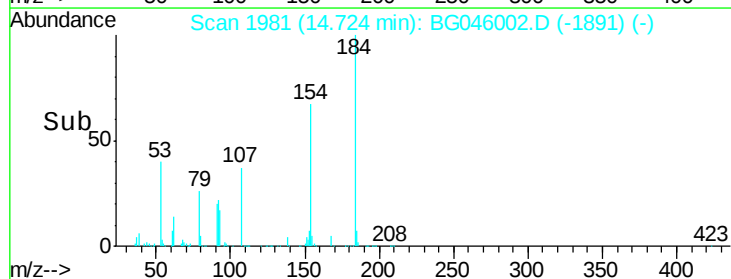
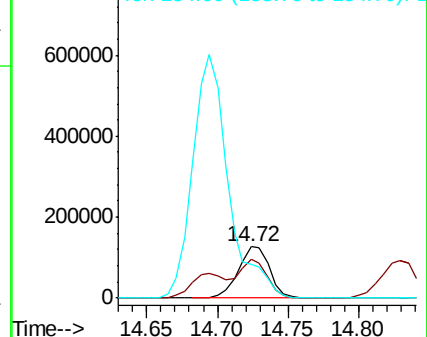
154 66.7 58.2 87.2

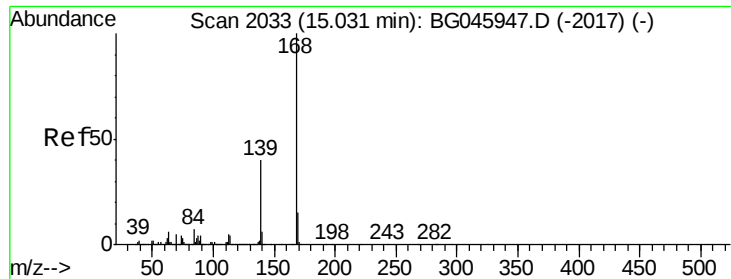


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.814 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

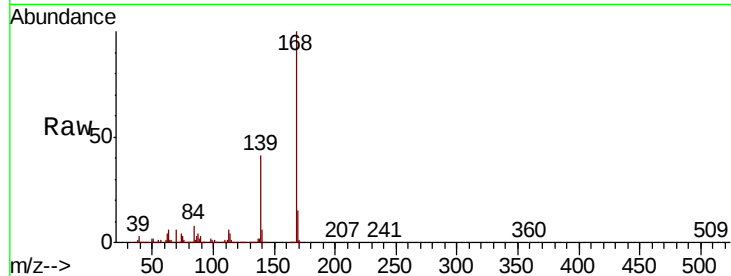
BNA_G

ClientSampleId :

PB130070BS

Tot Ion:168 Resp: 1416486

Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.2	48.2
169	15.2	11.8	17.8

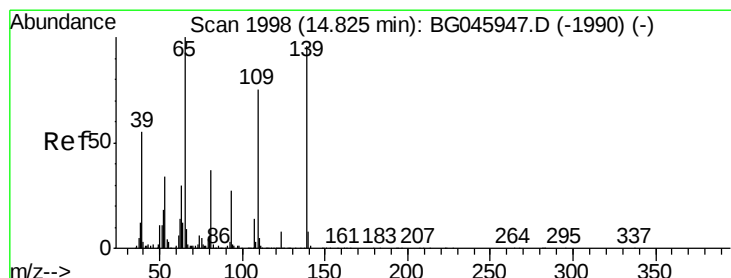
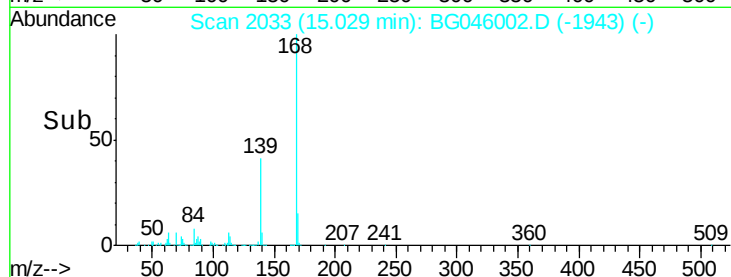
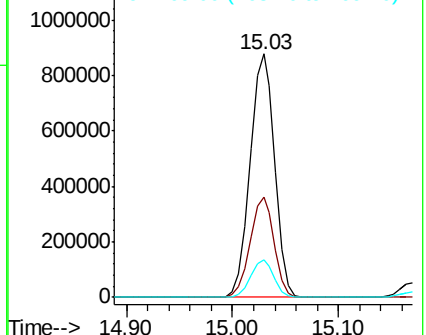


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 106.746 ng

RT: 14.83 min Scan# 1999

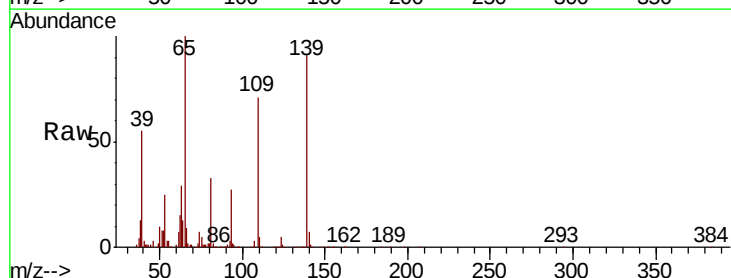
Delta R.T. 0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion:139 Resp: 499349

Ion	Ratio	Lower	Upper
139	100		
109	78.3	58.5	98.5
65	110.1	84.7	124.7

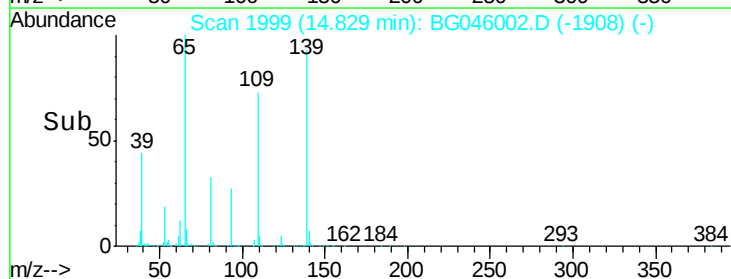
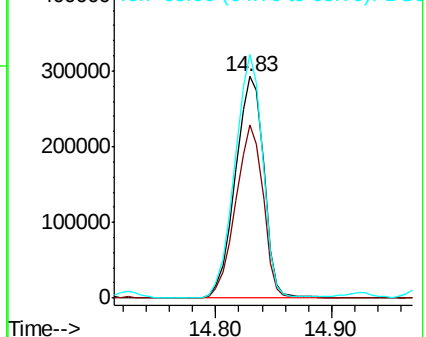


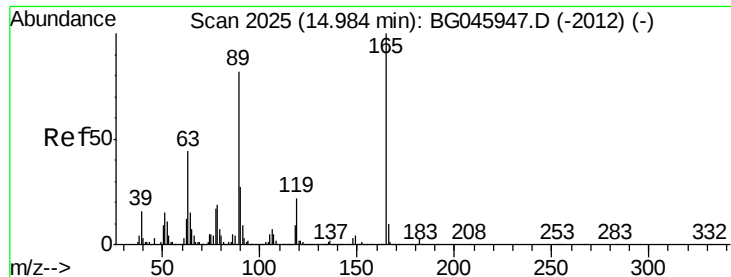
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

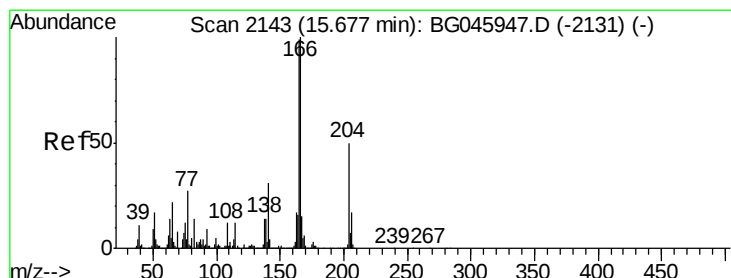
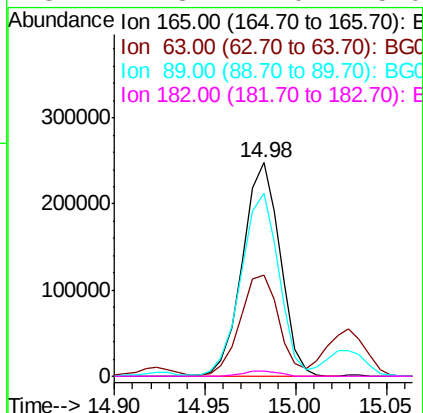
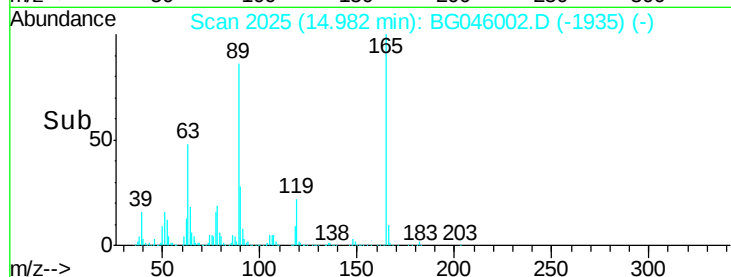
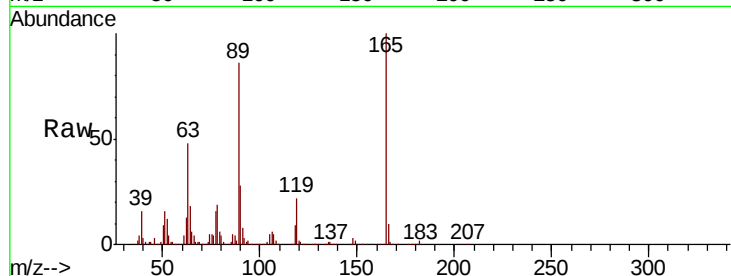




#57
2,4-Dinitrotoluene
Concen: 53.781 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

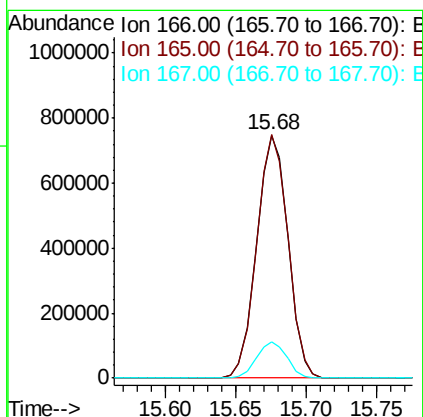
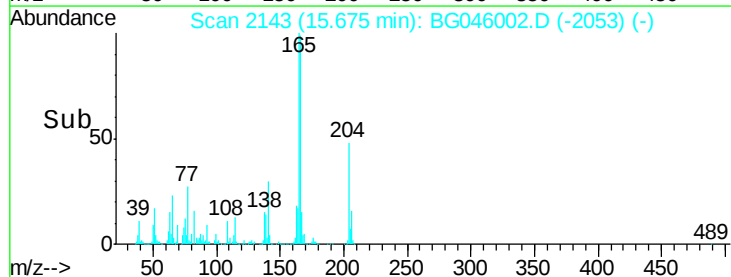
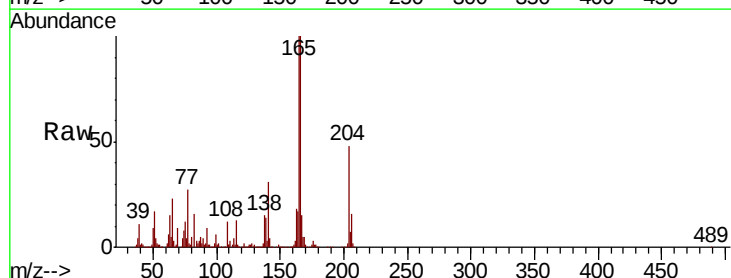
Instrument :
BNA_G
ClientSampleId :
PB130070BS

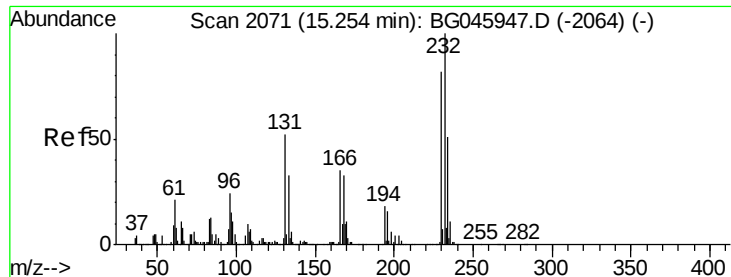
Tot Ion:165 Resp: 357877
Ion Ratio Lower Upper
165 100
63 47.6 35.4 53.0
89 85.8 65.4 98.2
182 2.3 2.0 3.0



#58
Fluorene
Concen: 41.987 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion:166 Resp: 1166822
Ion Ratio Lower Upper
166 100
165 100.3 78.9 118.3
167 14.9 12.1 18.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.198 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.08 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion:232 Resp: 294160

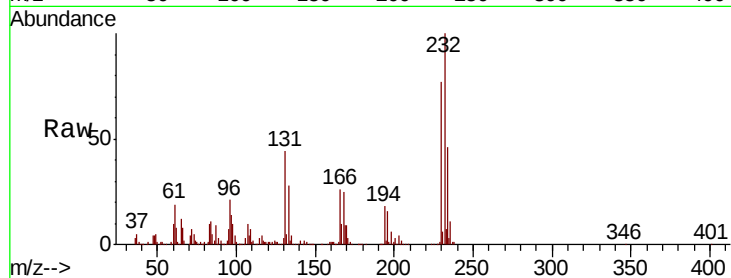
Ion Ratio Lower Upper

232 100

131 45.3 35.8 53.6

130 2.9 2.5 3.7

166 26.8 21.8 32.8

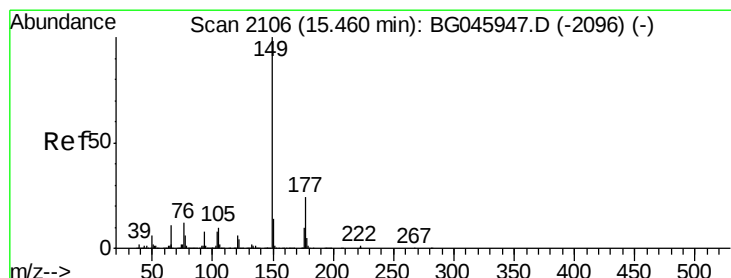
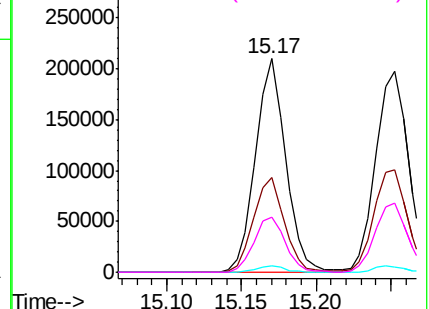
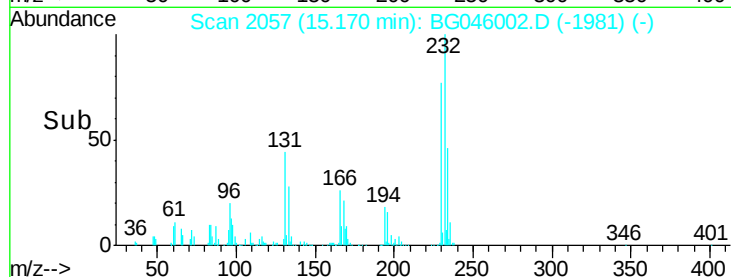


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.403 ng

RT: 15.46 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

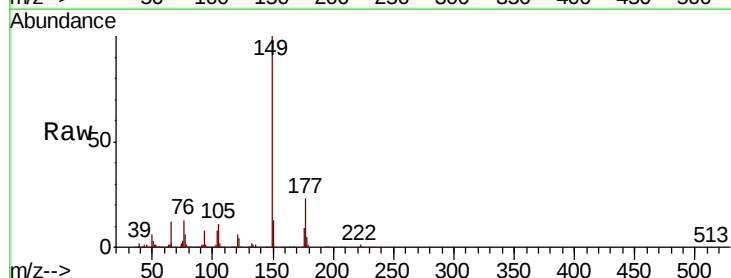
Tgt Ion:149 Resp: 1246741

Ion Ratio Lower Upper

149 100

177 22.9 19.0 28.4

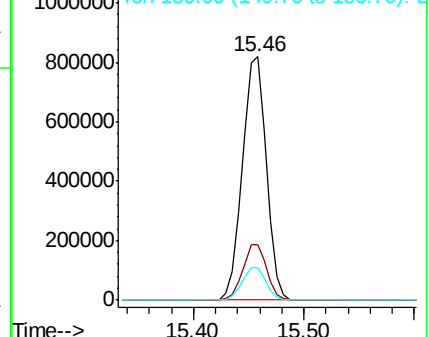
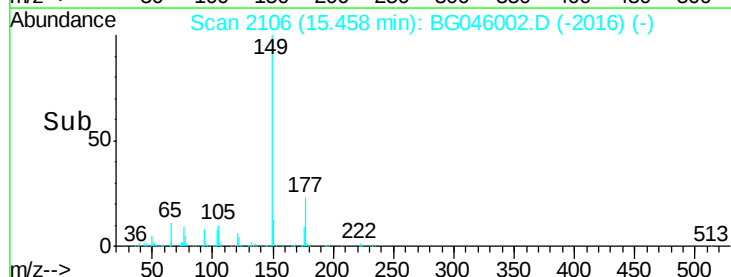
150 13.4 11.0 16.4

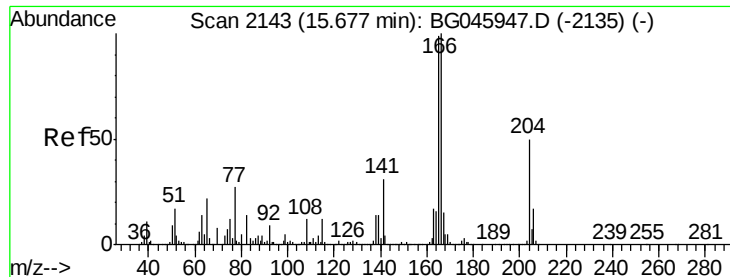


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

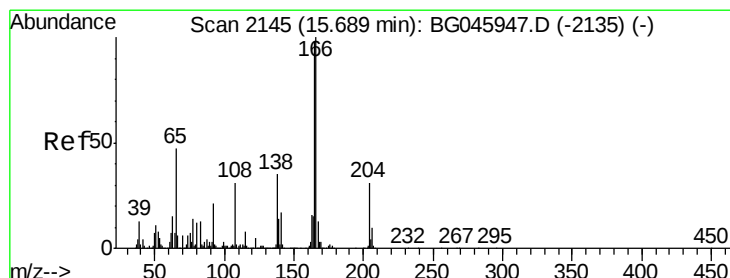
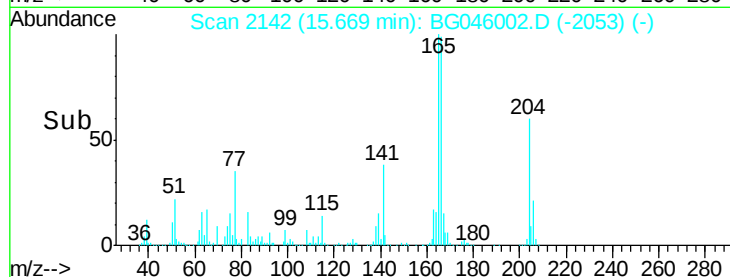
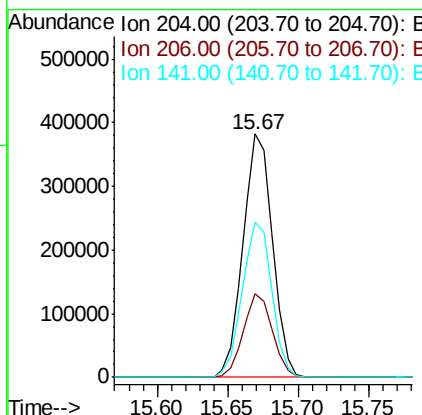
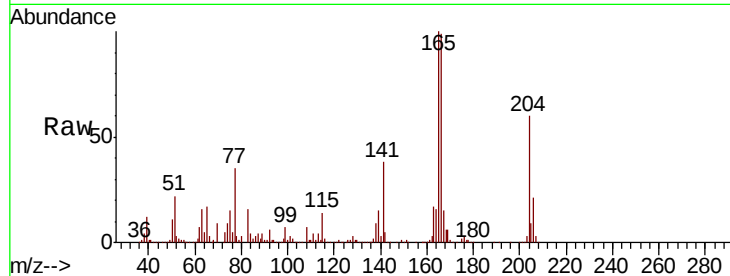




#61
4-Chlorophenyl-phenylether
Concen: 40.515 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

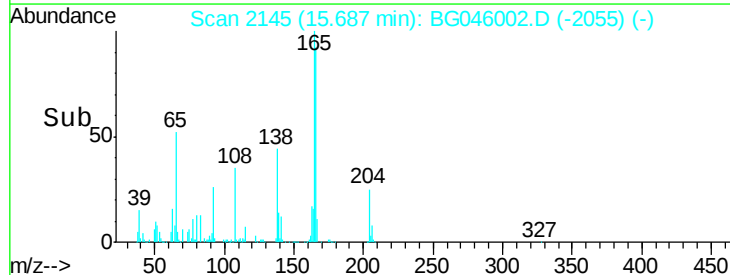
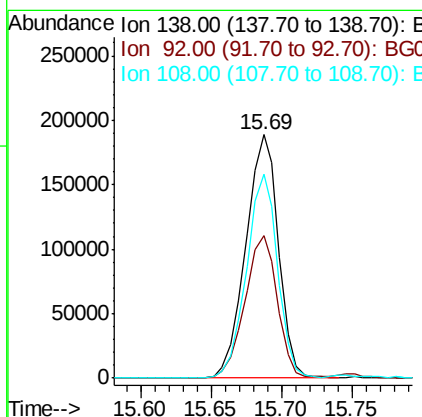
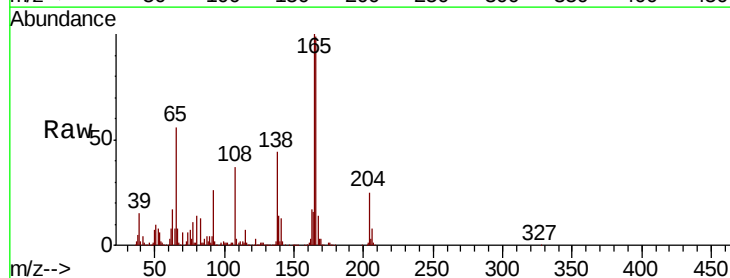
Instrument :
BNA_G
ClientSampleId :
PB130070BS

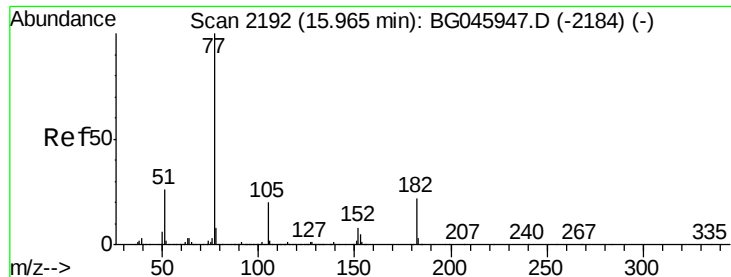
Tot Ion:204 Resp: 560140
Ion Ratio Lower Upper
204 100
206 34.1 27.1 40.7
141 63.9 49.8 74.8



#62
4-Nitroaniline
Concen: 51.585 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion:138 Resp: 306124
Ion Ratio Lower Upper
138 100
92 58.4 40.3 80.3
108 83.9 68.0 108.0





#63

Azobenzene

Concen: 43.491 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion: 77 Resp: 1405594

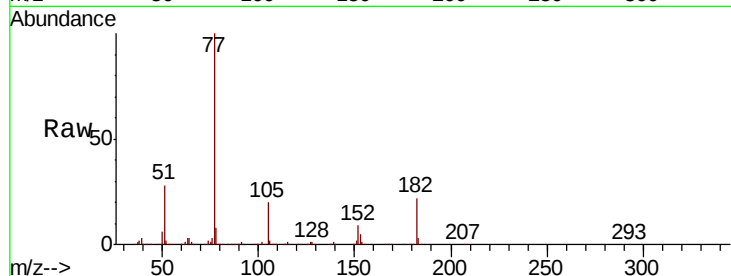
Ion	Ratio	Lower	Upper
77	100		
182	22.3	2.4	42.4
105	20.5	0.3	40.3
51	28.1	6.3	46.3

77 100

182 22.3 2.4 42.4

105 20.5 0.3 40.3

51 28.1 6.3 46.3

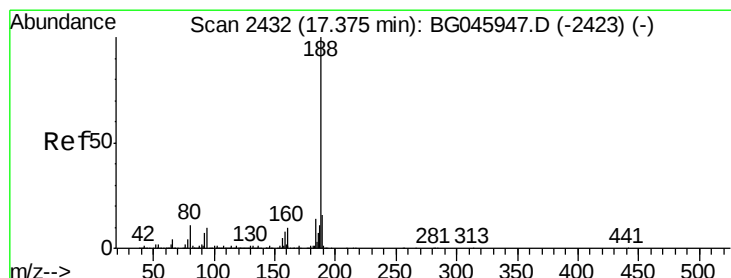
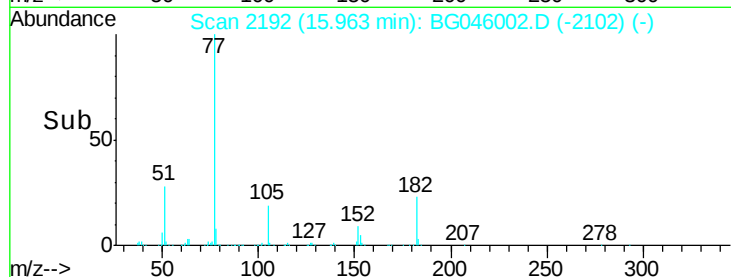
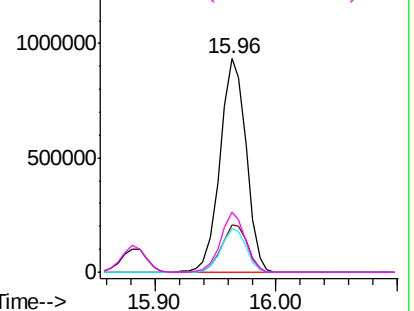


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

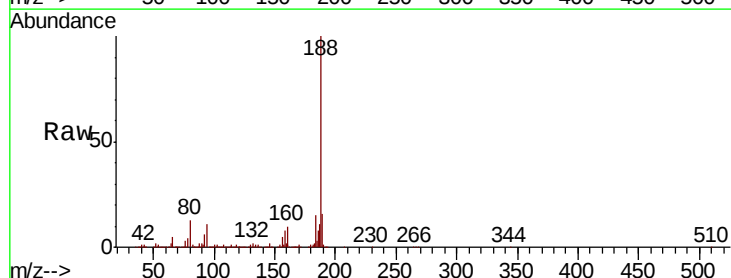
Tgt Ion: 188 Resp: 787646

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.4
80	12.6	9.0	13.6

188 100

94 10.9 8.2 12.4

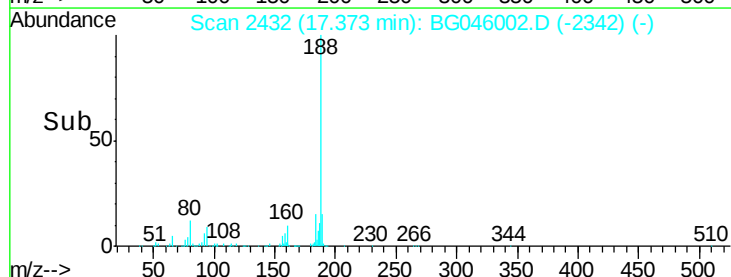
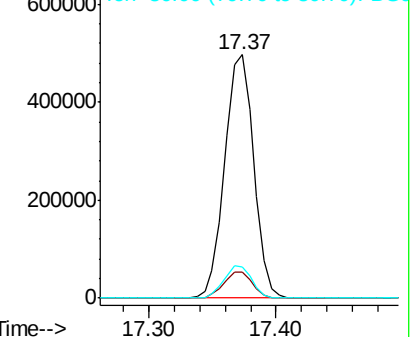
80 12.6 9.0 13.6

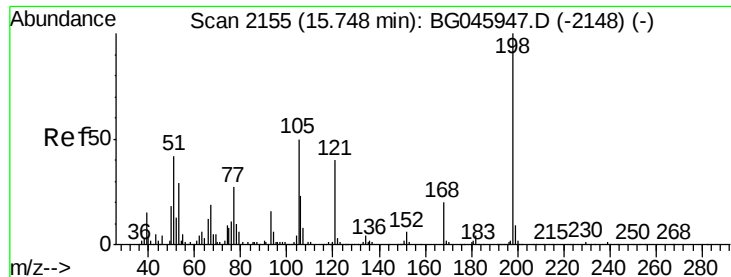


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

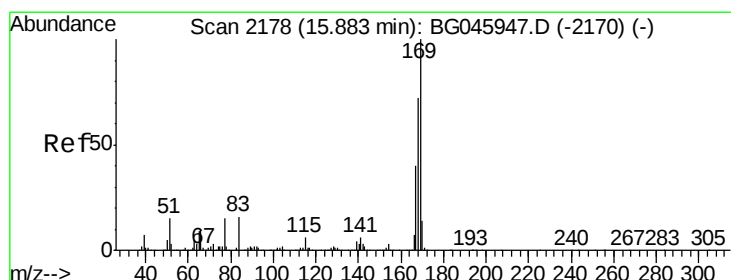
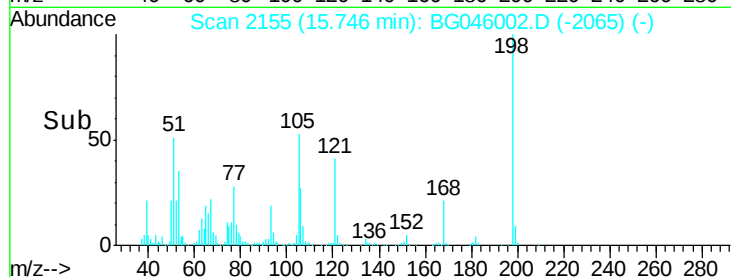
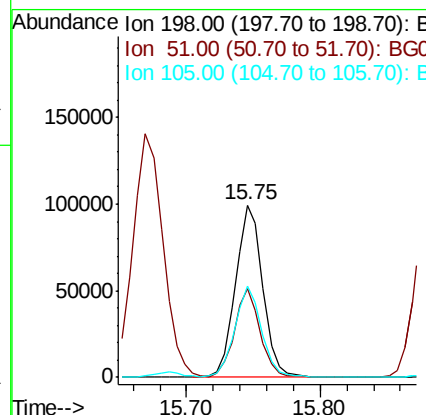
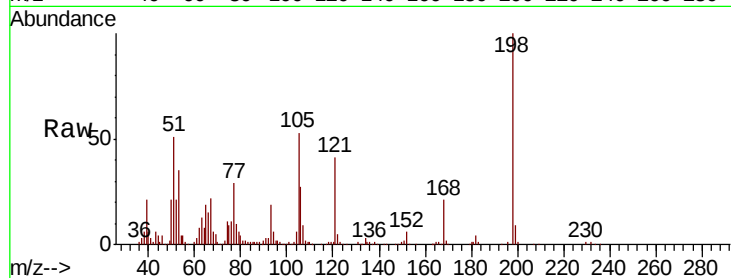




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.595 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

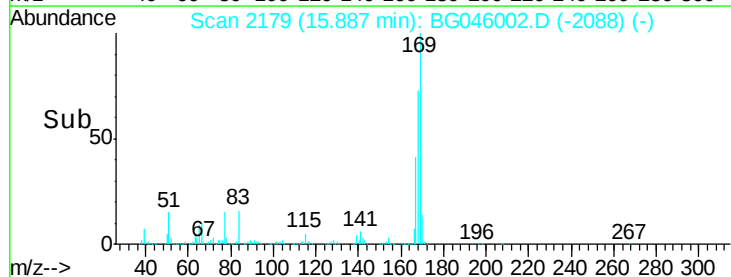
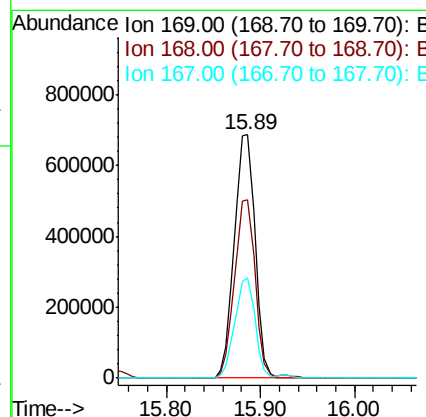
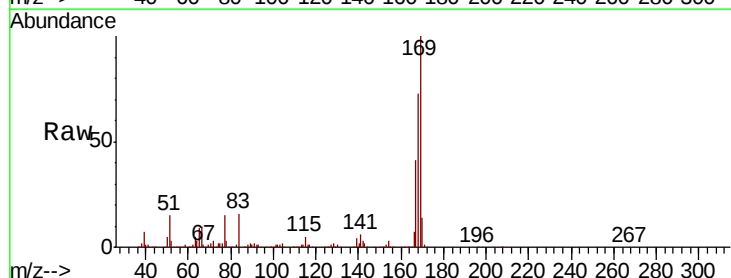
Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

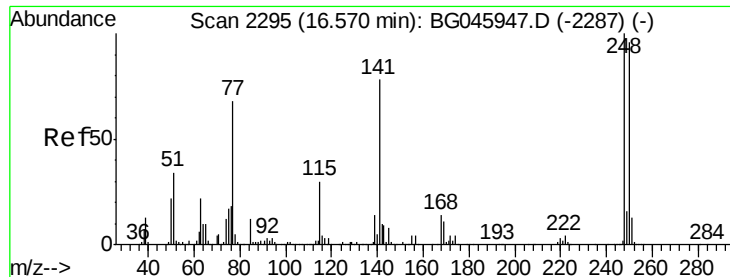
Tot Ion:198 Resp: 141533
 Ion Ratio Lower Upper
 198 100
 51 51.4 24.5 64.5
 105 53.3 30.9 70.9



#66
 n-Nitrosodiphenylamine
 Concen: 43.329 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion:169 Resp: 1057555
 Ion Ratio Lower Upper
 169 100
 168 73.1 57.3 85.9
 167 41.3 32.1 48.1

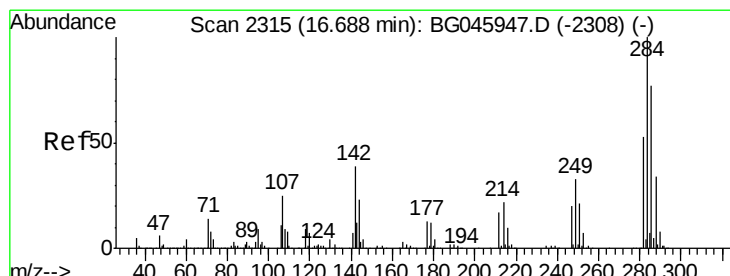
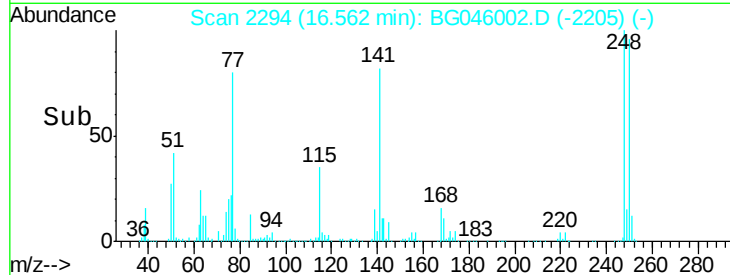
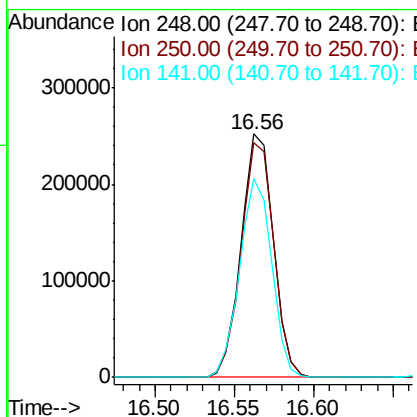
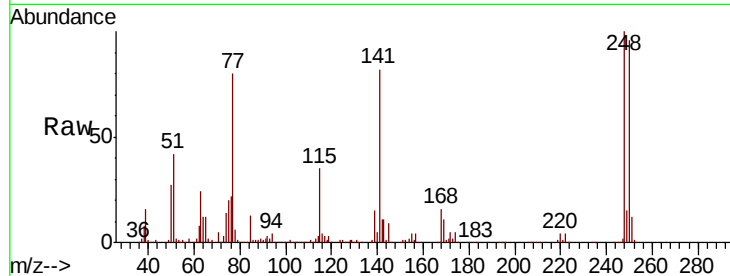




#67
 4-Bromophenyl-phenylether
 Concen: 40.556 ng
 RT: 16.56 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

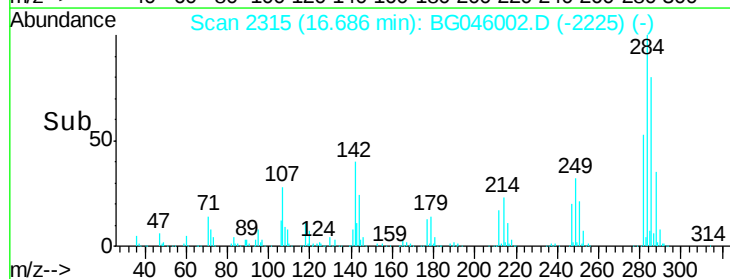
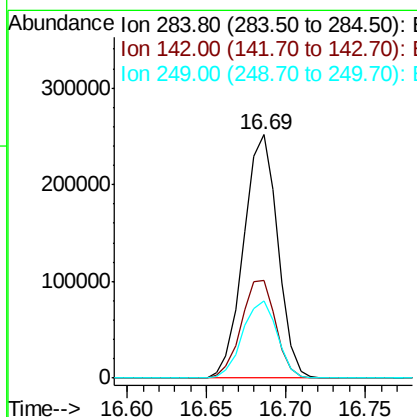
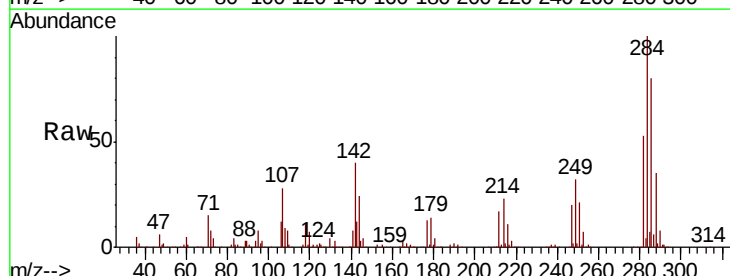
Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Tot	Ion:248	Resp:	356771
Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.6	114.8
141	81.8	62.7	94.1



#68
 Hexachlorobenzene
 Concen: 42.595 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	284	Resp: Lower	376010 Upper
	Ratio		
284	100		
142	40.0	31.3	46.9
249	31.8	26.8	40.2





#69

Atrazine

Concen: 47.170 ng

RT: 16.83 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

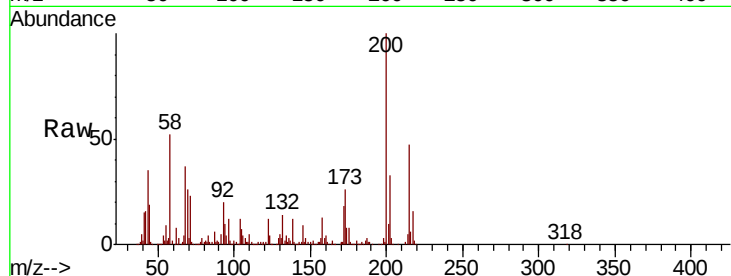
Tot Ion:200 Resp: 340398

Ion Ratio Lower Upper

200 100

173 26.2 9.1 49.1

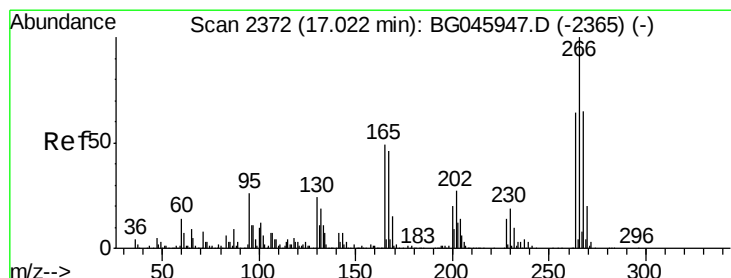
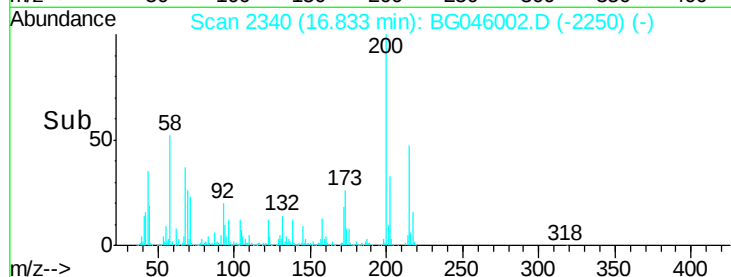
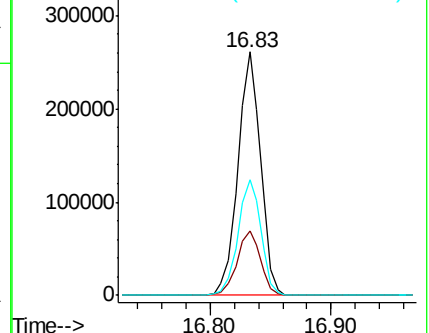
215 47.3 28.8 68.8



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: 91.012 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

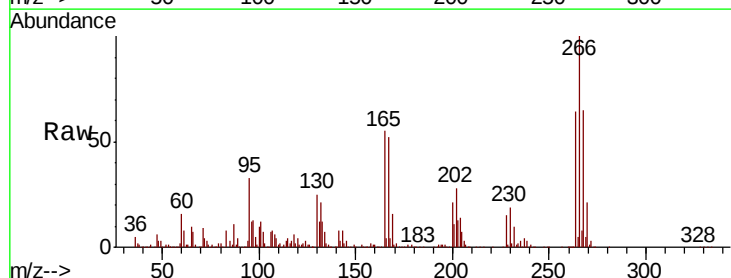
Tgt Ion:266 Resp: 446684

Ion Ratio Lower Upper

266 100

268 65.3 51.8 77.8

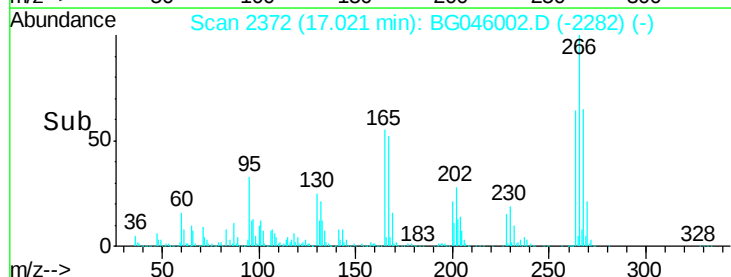
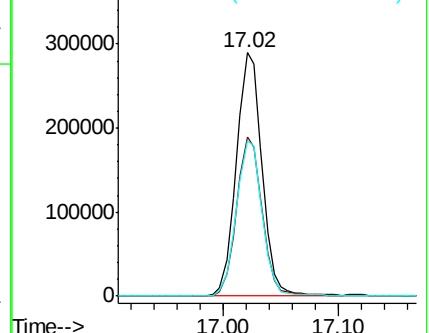
264 64.0 51.4 77.0

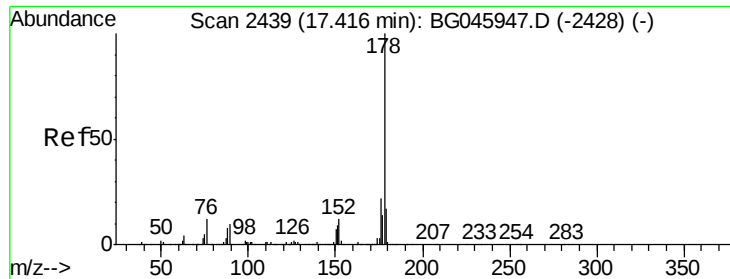


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

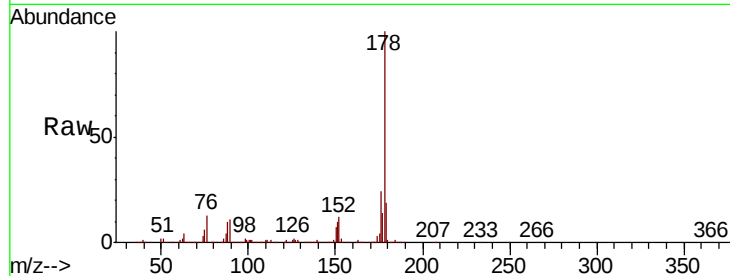




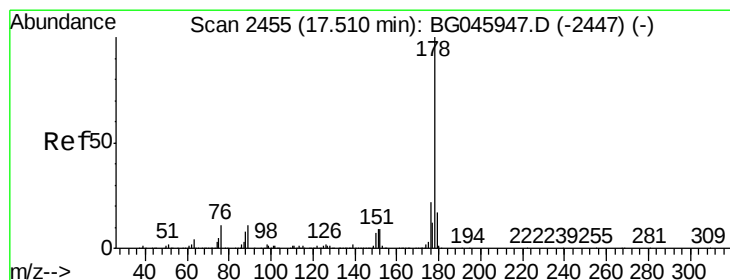
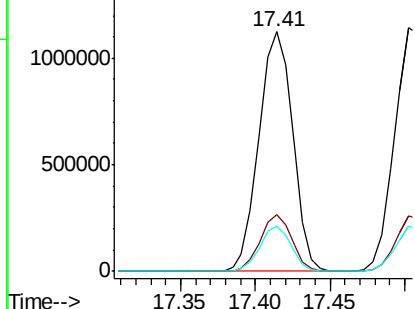
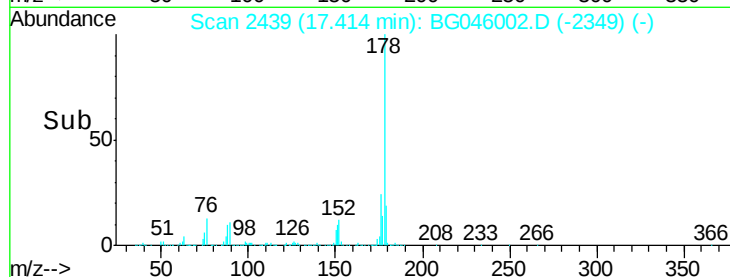
#71
Phenanthrene
Concen: 42.299 ng
RT: 17.41 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion:178 Resp: 1761348
Ion Ratio Lower Upper
178 100
176 23.9 17.4 26.2
179 18.7 13.4 20.2

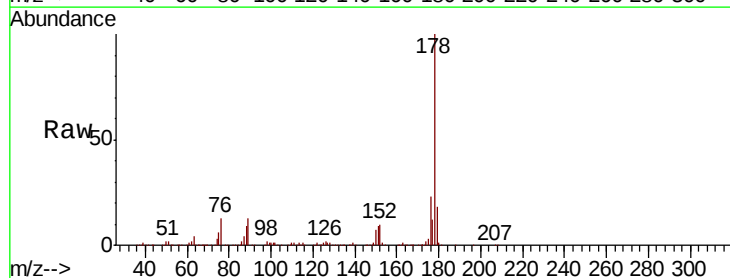


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

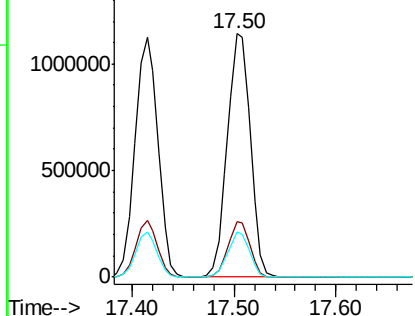
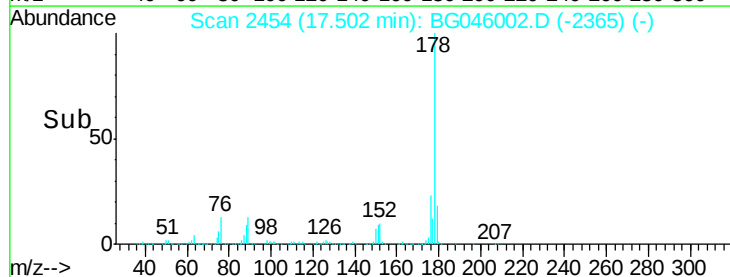


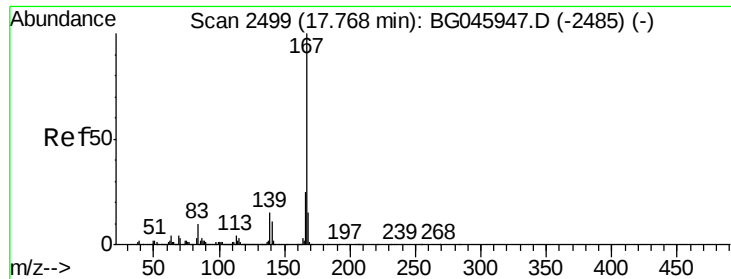
#72
Anthracene
Concen: 42.736 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion:178 Resp: 1805947
Ion Ratio Lower Upper
178 100
176 22.7 17.2 25.8
179 18.4 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: 40.496 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

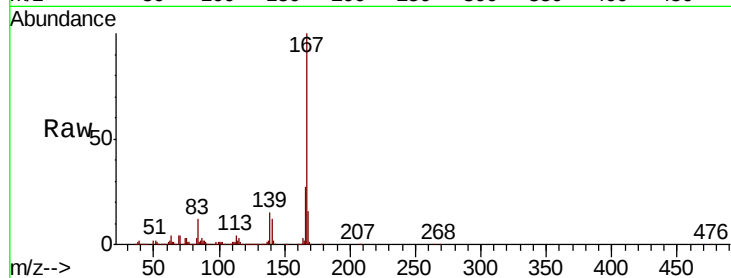
BNA_G

ClientSampleId :

PB130070BS

Tot Ion:167 Resp: 1715301

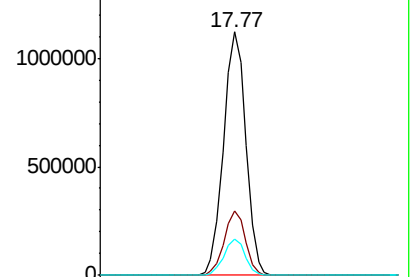
Ion	Ratio	Lower	Upper
167	100		
166	26.6	20.4	30.6
139	15.1	11.8	17.8



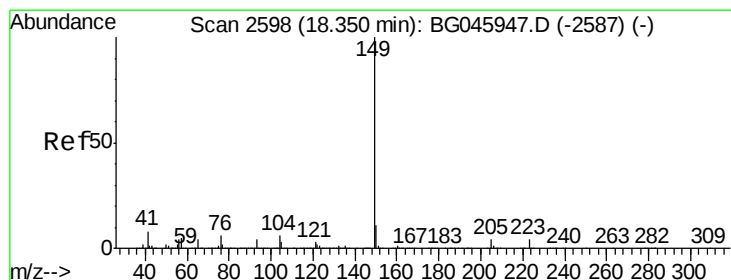
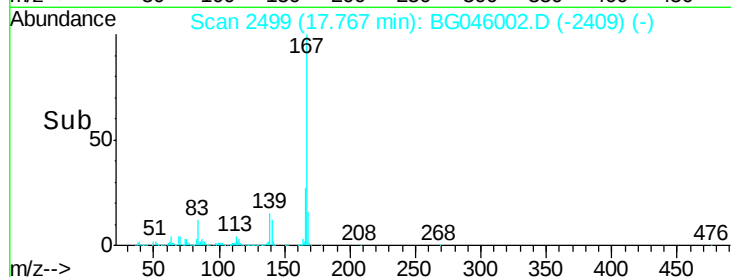
Abundance Ion 167.00 (166.70 to 167.70): E

1500000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 40.123 ng

RT: 18.34 min Scan# 2597

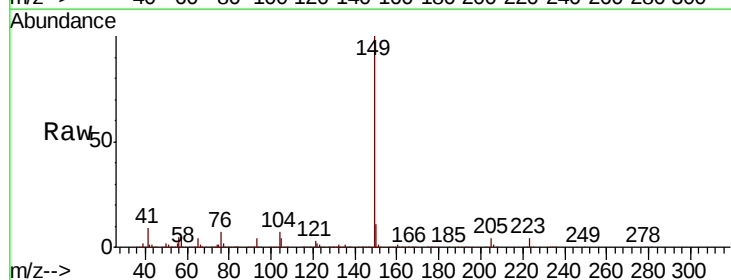
Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion:149 Resp: 2053727

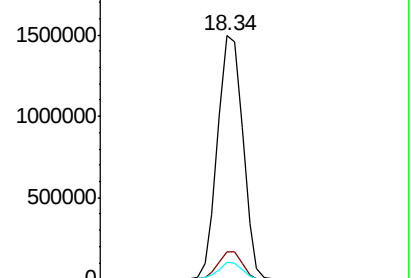
Ion	Ratio	Lower	Upper
149	100		
150	11.4	9.0	13.4
104	7.0	5.2	7.8



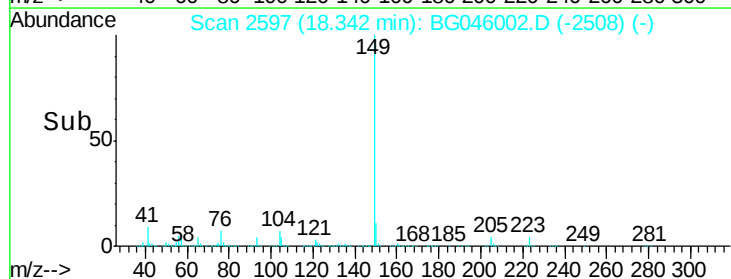
Abundance Ion 149.00 (148.70 to 149.70): E

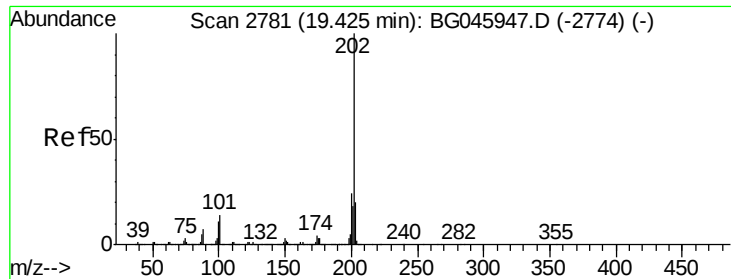
2000000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 41.906 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

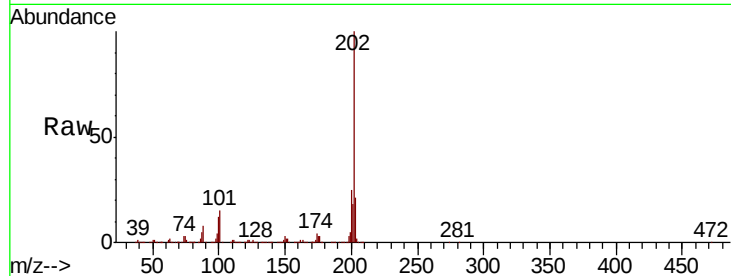
Tot Ion:202 Resp: 2017253

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.8

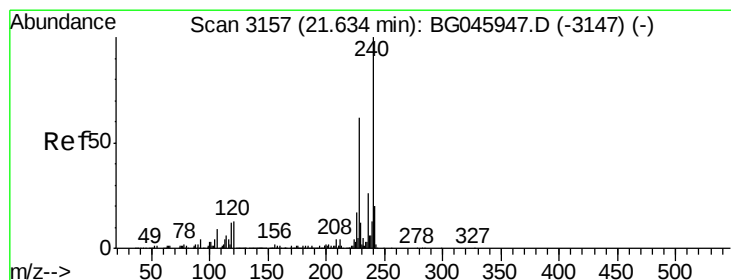
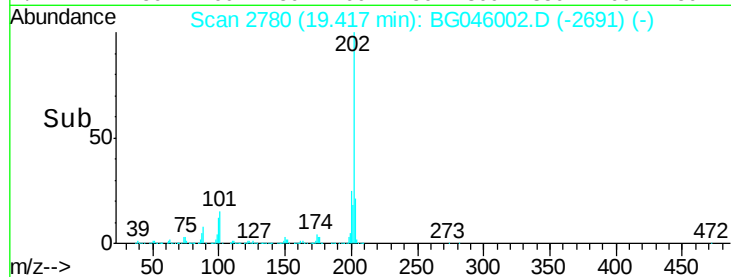
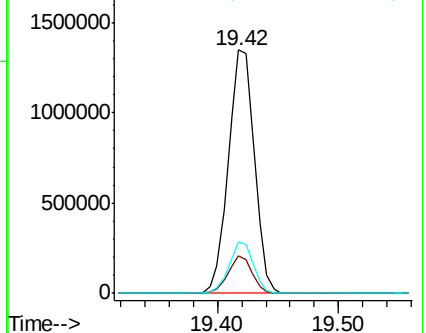
203 21.3 0.4 40.4



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# 3157

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

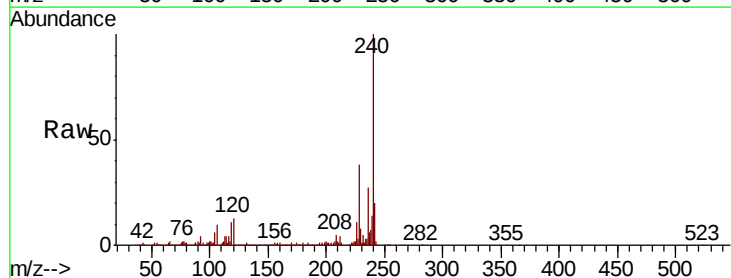
Tgt Ion:240 Resp: 657055

Ion Ratio Lower Upper

240 100

120 13.3 10.6 16.0

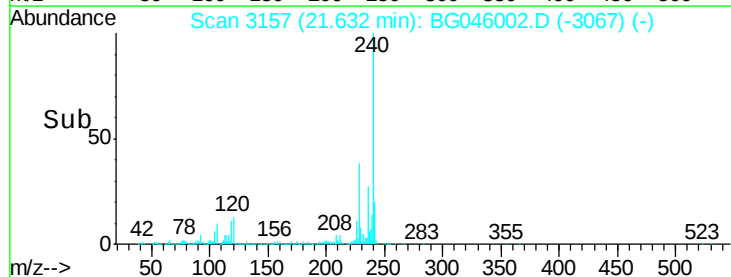
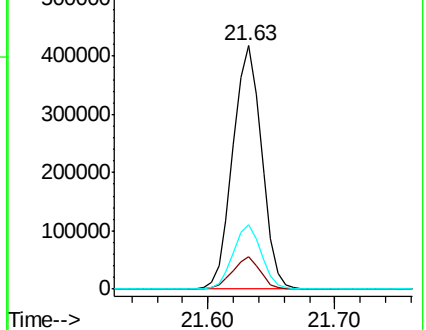
236 26.6 20.4 30.6

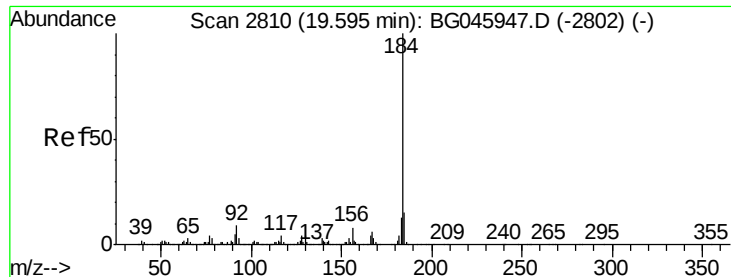


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.928 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

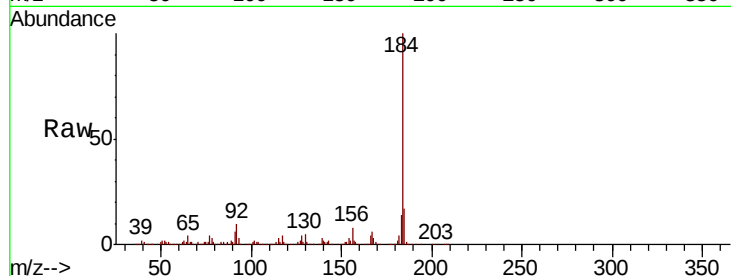
BNA_G

ClientSampleId :

PB130070BS

Tot Ion:184 Resp: 1125869

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.6	17.4
183	13.6	10.4	15.6

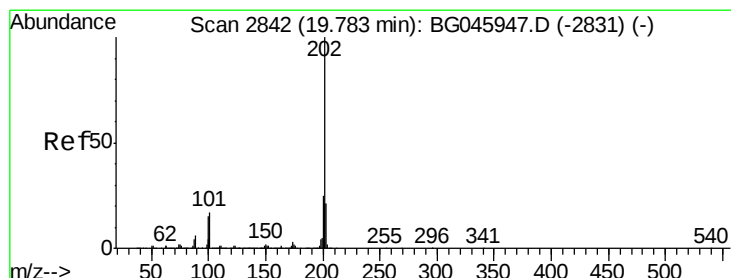
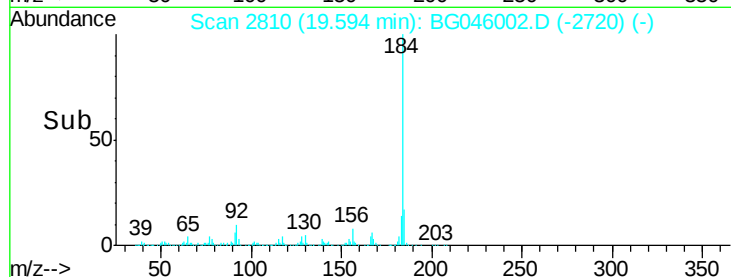
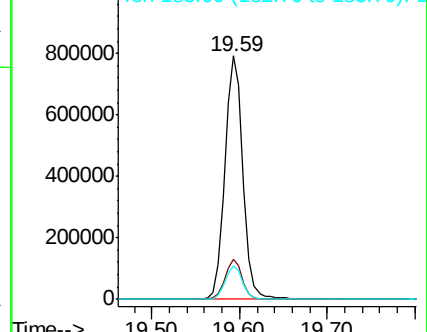


Abundance

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: 44.603 ng

RT: 19.78 min Scan# 2842

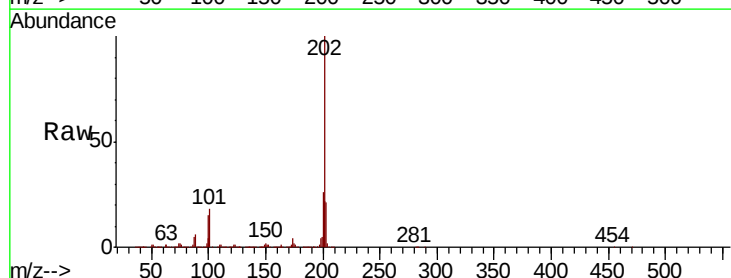
Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion:202 Resp: 2000455

Ion	Ratio	Lower	Upper
202	100		
200	26.0	20.1	30.1
203	21.1	16.5	24.7

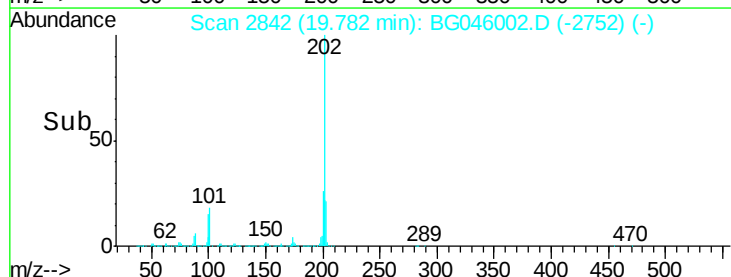
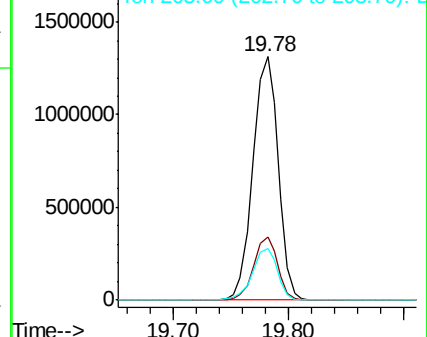


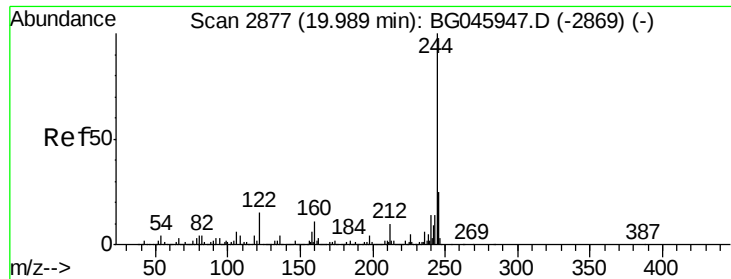
Abundance

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: 95.838 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

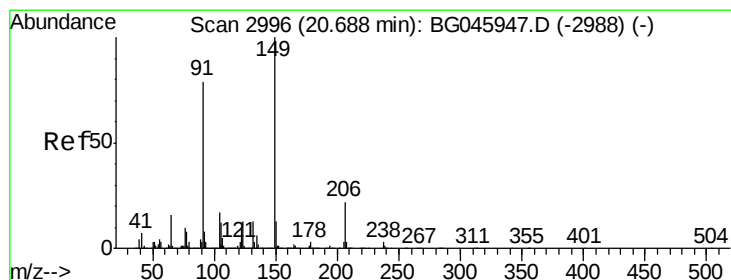
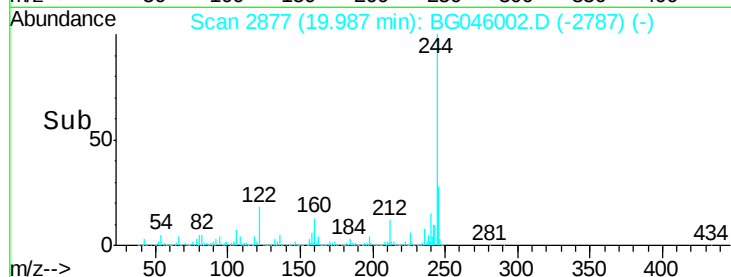
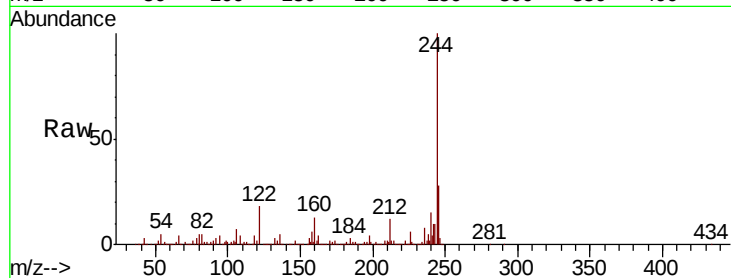
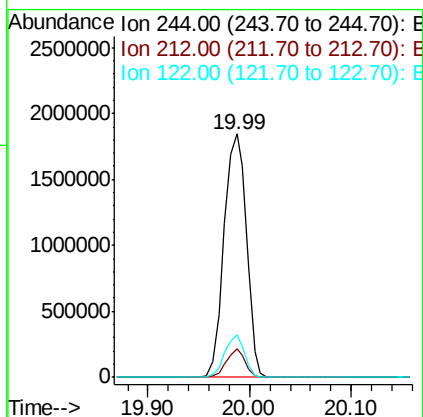
BNA_G

ClientSampleId :

PB130070BS

Tot Ion:244 Resp: 2829500

Ion	Ratio	Lower	Upper
244	100		
212	11.5	8.3	12.5
122	17.6	12.1	18.1



#80

Butylbenzylphthalate

Concen: 44.520 ng

RT: 20.68 min Scan# 2995

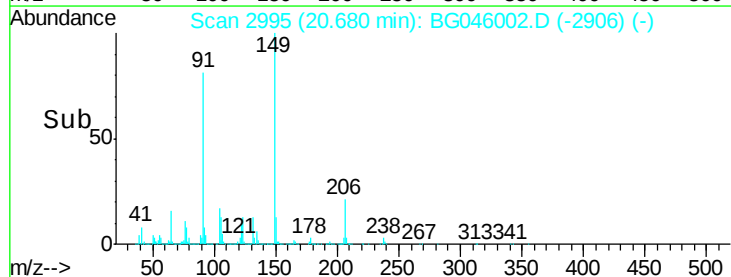
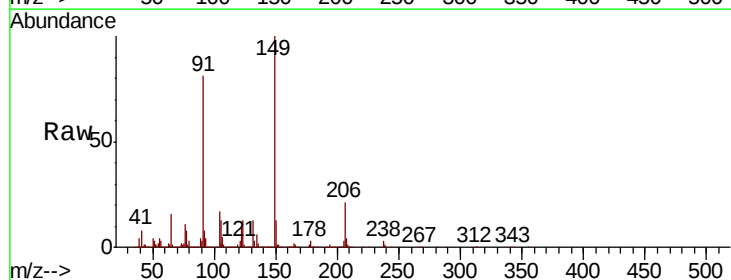
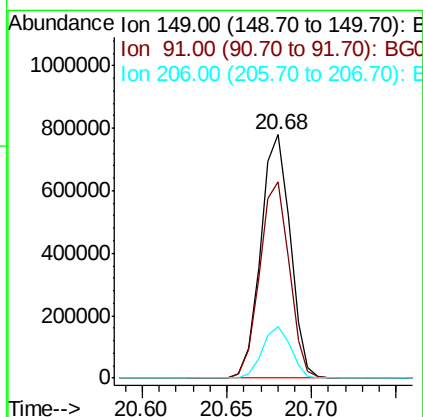
Delta R.T. -0.01 min

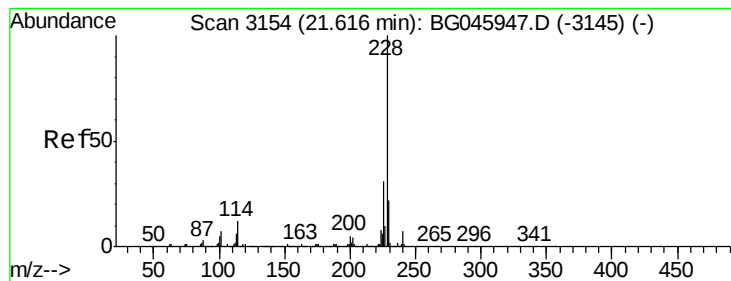
Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion:149 Resp: 943587

Ion	Ratio	Lower	Upper
149	100		
91	80.7	63.1	94.7
206	21.3	17.4	26.0





#81

Benzo(a)anthracene

Concen: 41.752 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

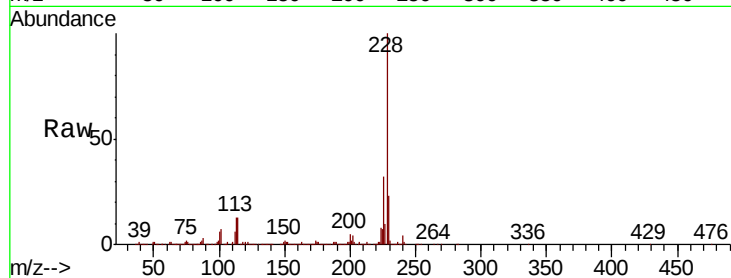
Tot Ion:228 Resp: 1803842

Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

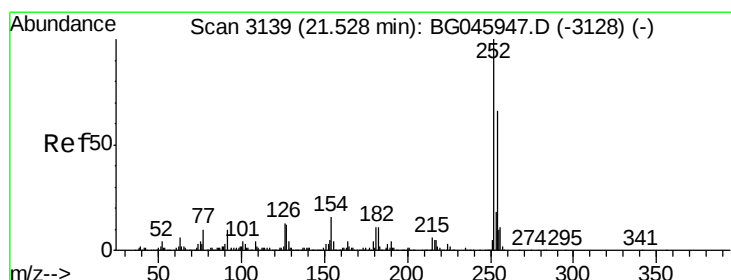
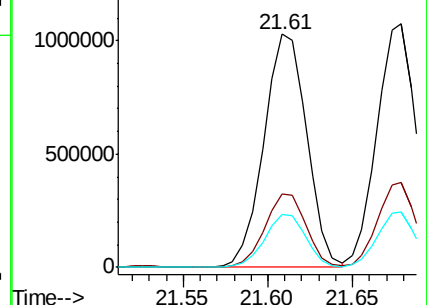
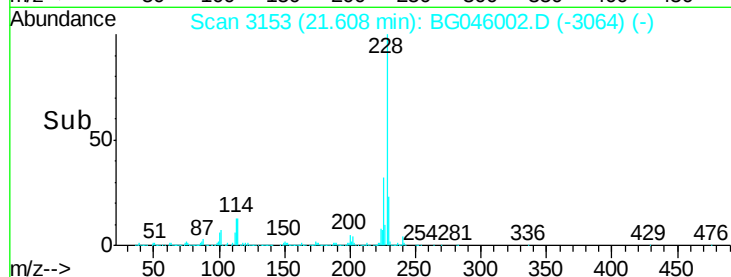
229 22.9 17.8 26.8



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: 38.205 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

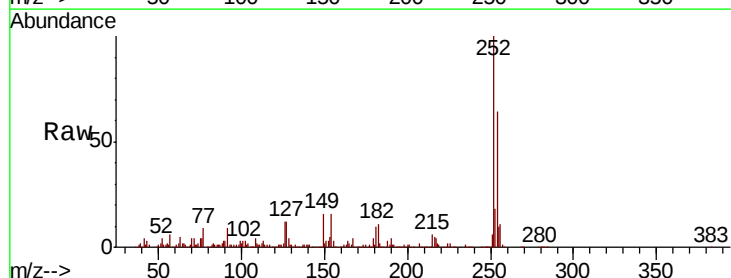
Tgt Ion:252 Resp: 609926

Ion Ratio Lower Upper

252 100

254 64.3 52.9 79.3

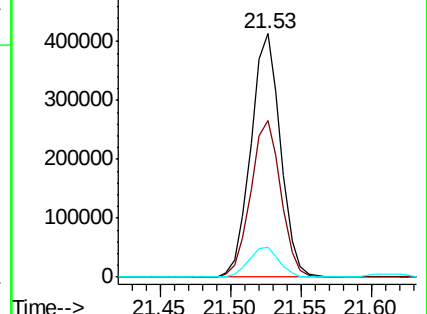
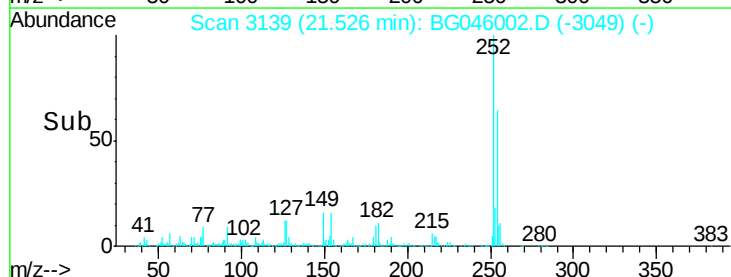
126 12.0 10.4 15.6



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

Chrysene

Concen: 42.004 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

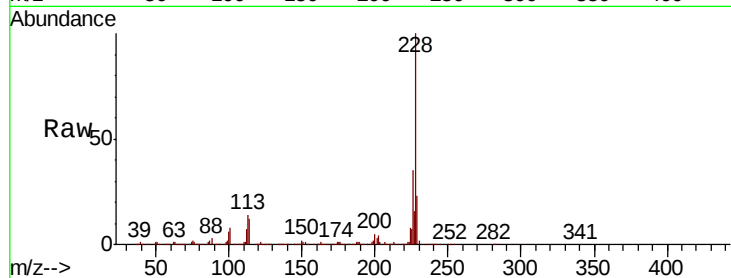
Tot Ion:228 Resp: 1728855

Ion Ratio Lower Upper

228 100

226 35.1 26.7 40.1

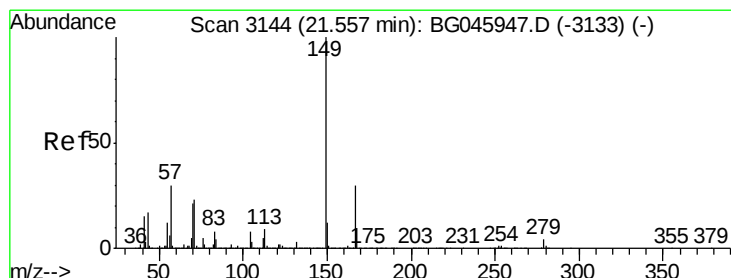
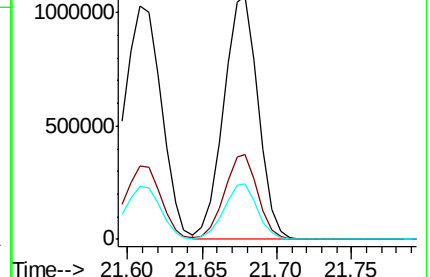
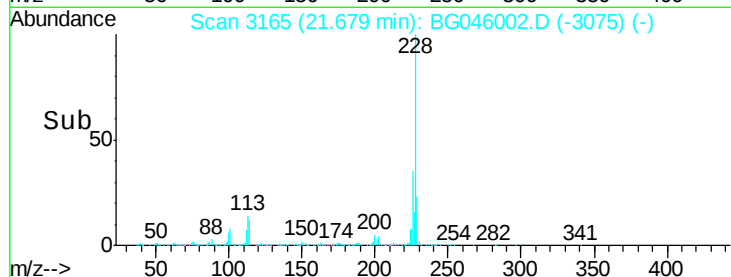
229 22.9 17.3 25.9



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: 42.911 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

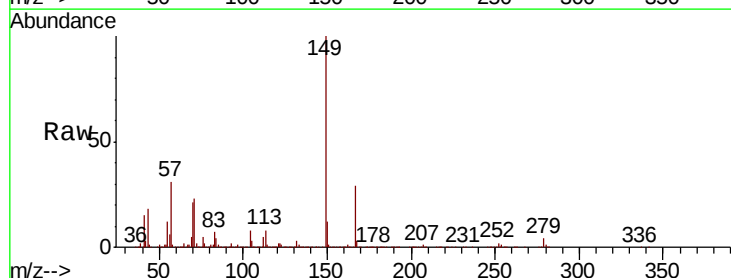
Tgt Ion:149 Resp: 1320182

Ion Ratio Lower Upper

149 100

167 29.4 23.8 35.8

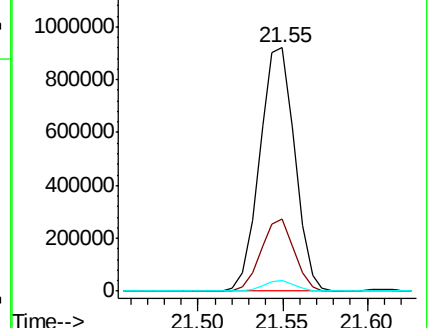
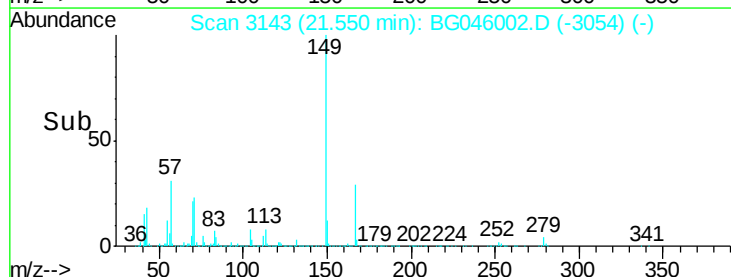
279 4.4 3.5 5.3

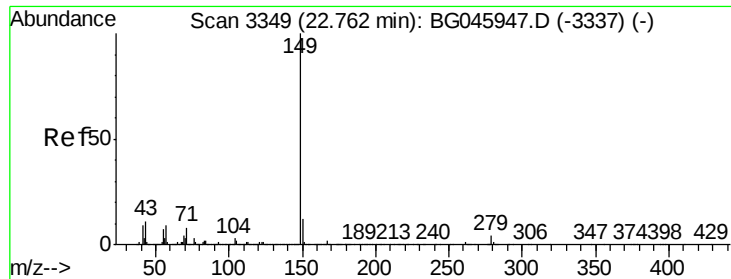


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.989 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

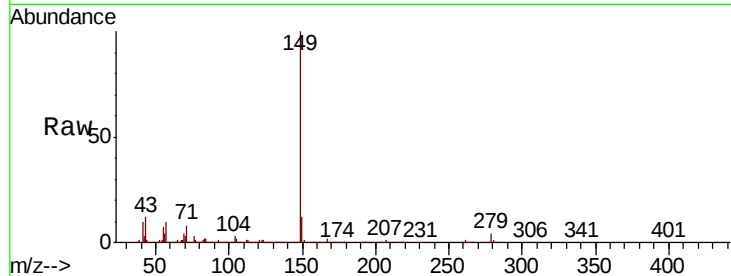
Tot Ion:149 Resp: 2241801

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

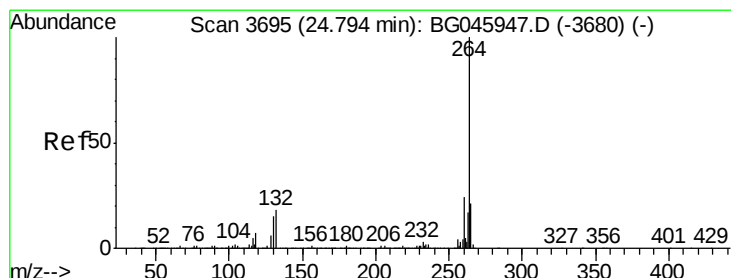
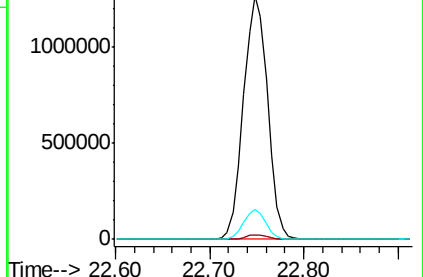
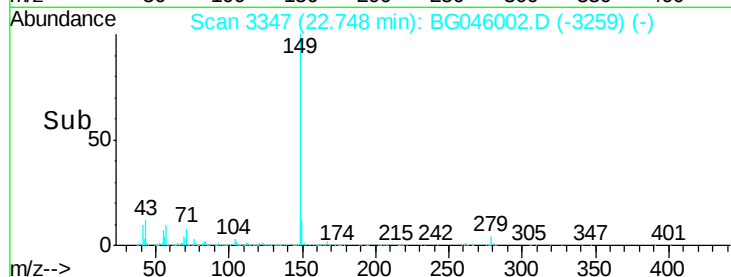
43 11.2 8.6 12.8



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: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

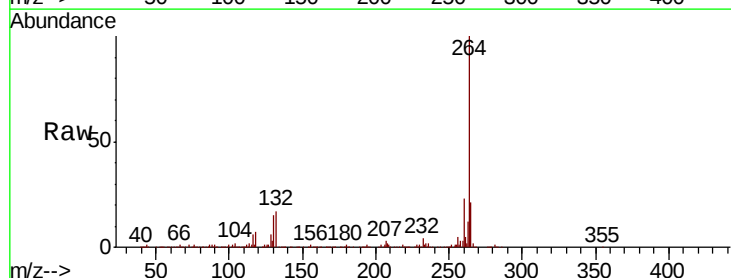
Tgt Ion:264 Resp: 669795

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

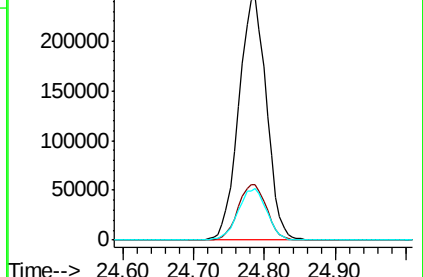
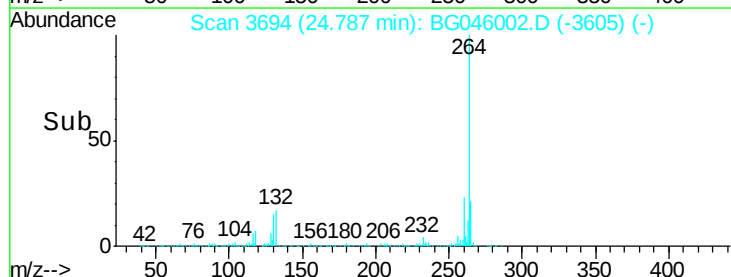
265 21.1 16.9 25.3

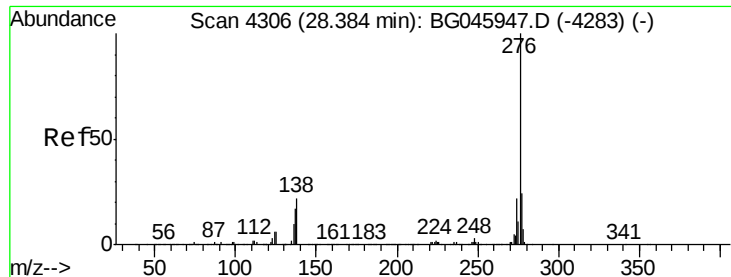


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

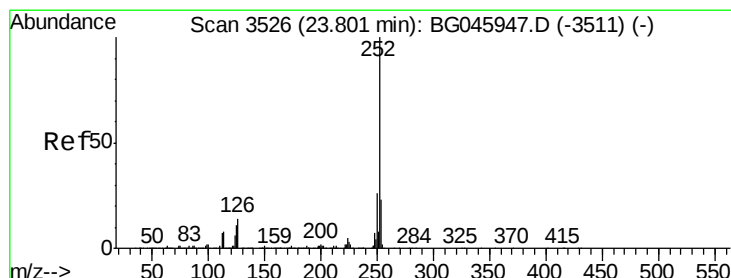
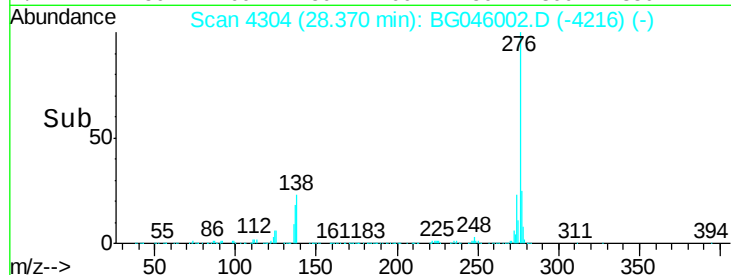
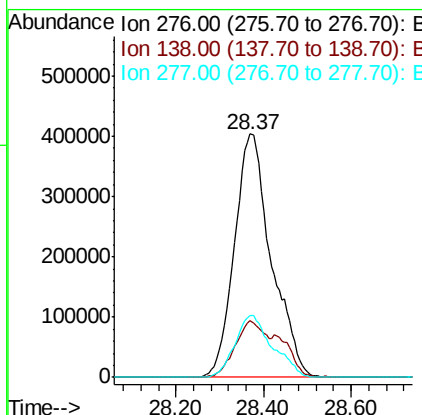
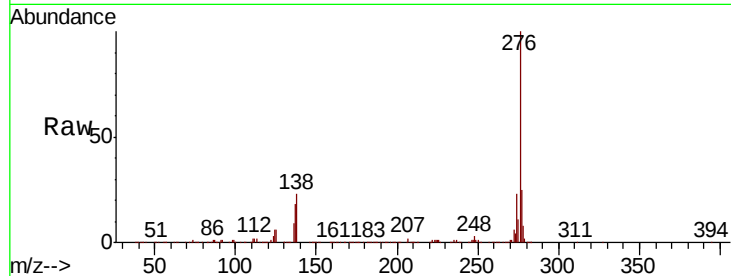




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.134 ng
 RT: 28.37 min Scan# 4304
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

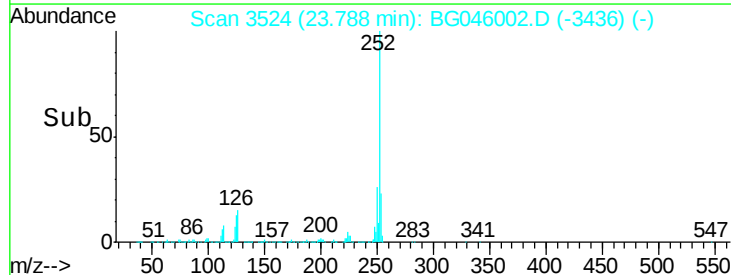
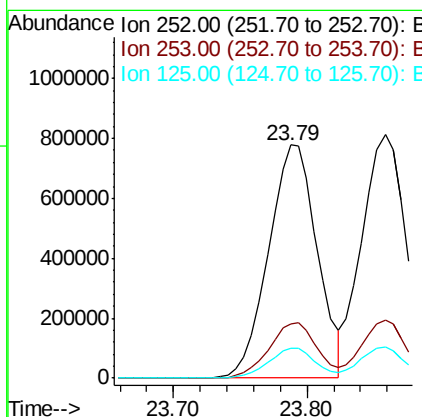
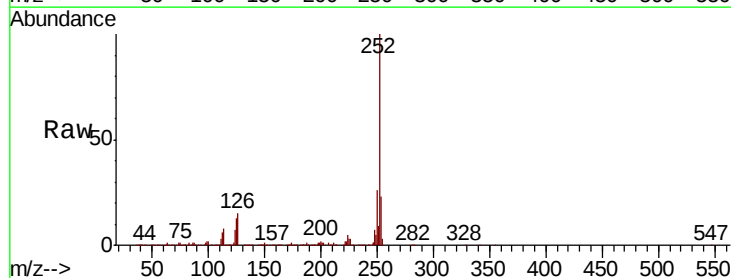
Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

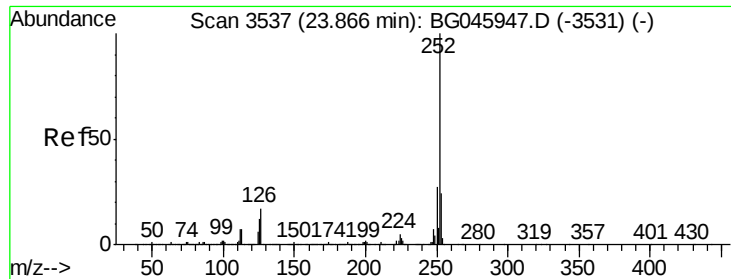
Tot Ion:276 Resp: 2309566
 Ion Ratio Lower Upper
 276 100
 138 19.7 16.4 24.6
 277 26.0 20.6 31.0



#88
 Benzo(b)fluoranthene
 Concen: 46.247 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion:252 Resp: 1966379
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.5 27.7
 125 12.7 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 46.440 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

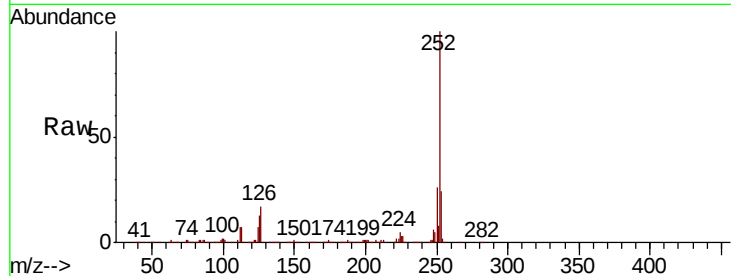
Tot Ion:252 Resp: 1867089

Ion Ratio Lower Upper

252 100

253 23.7 18.9 28.3

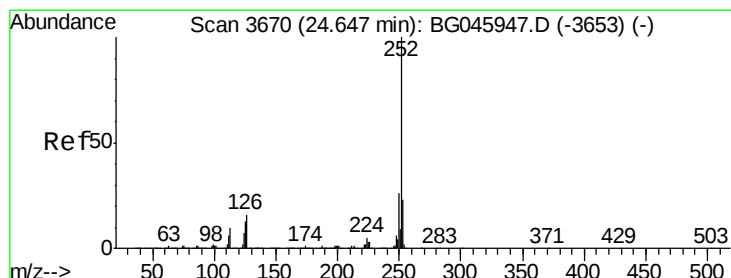
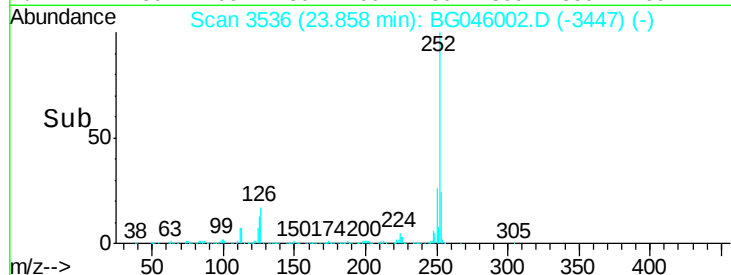
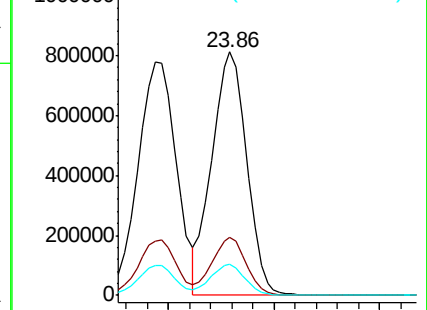
125 12.9 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.329 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

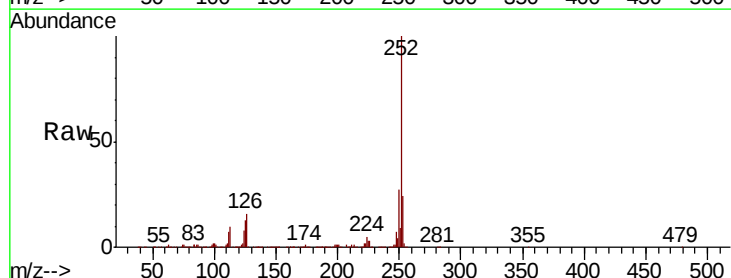
Tgt Ion:252 Resp: 1812347

Ion Ratio Lower Upper

252 100

253 23.7 18.6 28.0

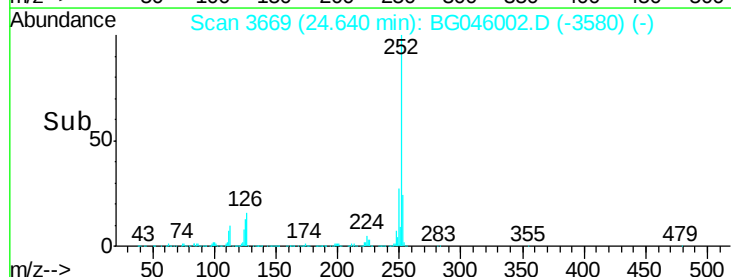
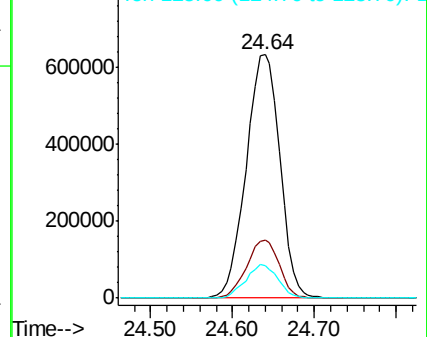
125 13.4 10.5 15.7

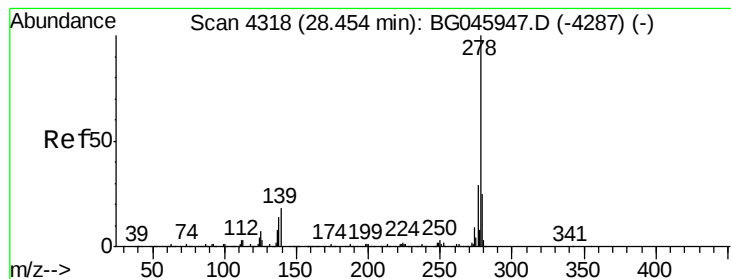


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.865 ng

RT: 28.44 min Scan# 4316

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

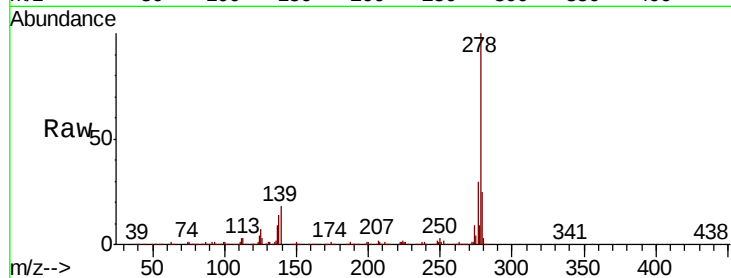
Tot Ion:278 Resp: 1852192

Ion Ratio Lower Upper

278 100

139 17.7 14.3 21.5

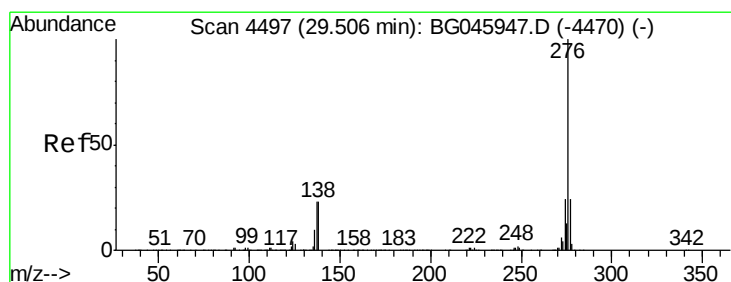
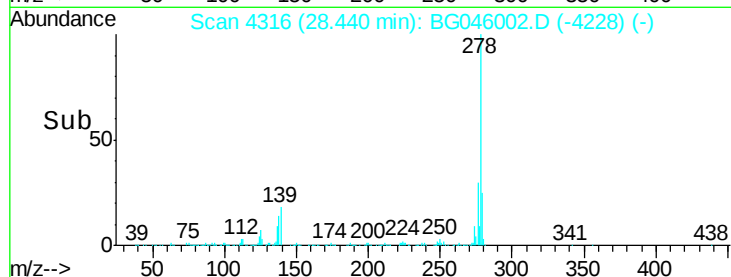
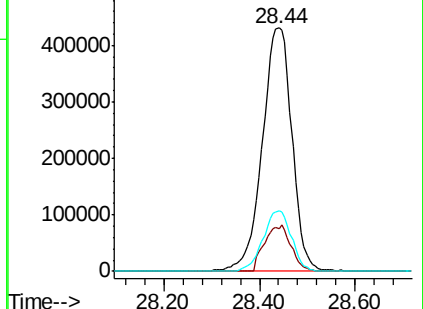
279 24.8 19.8 29.6



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: 46.920 ng

RT: 29.49 min Scan# 4494

Delta R.T. -0.02 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

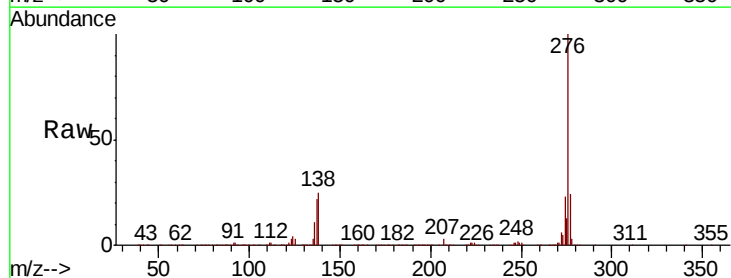
Tgt Ion:276 Resp: 1866107

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 24.5 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

