

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046007.D
 Acq On : 10 Jul 2020 15:07
 Operator : CG/JU
 Sample : L3247-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Quant Time: Jul 10 17:25:59 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	119732	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	499338	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	319660	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	719071	20.00	ng	0.00
76) Chrysene-d12	21.63	240	601793	20.00	ng	0.00
86) Perylene-d12	24.78	264	612132	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1037599	140.53	ng	0.00
7) Phenol-d6	7.17	99	1344488	126.48	ng	0.00
23) Nitrobenzene-d5	9.16	82	1034711	119.27	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	497994	167.86	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1920502	93.71	ng	0.00
79) Terphenyl-d14	19.98	244	2798985	103.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	143943	42.257	ng	# 44
3) Pyridine	3.91	79	358705	34.827	ng	100
4) n-Nitrosodimethylamine	3.81	42	185987	53.402	ng	# 92
6) Aniline	7.33	93	539264	39.657	ng	100
8) 2-Chlorophenol	7.57	128	419593	52.793	ng	99
9) Benzaldehyde	7.14	77	143826	21.356	ng	96
10) Phenol	7.20	94	480521	45.065	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	435487	49.390	ng	98
12) 1,3-Dichlorobenzene	7.90	146	404891	44.197	ng	99
13) 1,4-Dichlorobenzene	8.04	146	406843	45.145	ng	97
14) 1,2-Dichlorobenzene	8.36	146	385828	44.484	ng	97
15) Benzyl Alcohol	8.24	79	426007	51.113	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	541858	47.101	ng	97
17) 2-Methylphenol	8.44	107	374803	46.845	ng	98
18) Hexachloroethane	9.09	117	153904	44.384	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	392657	52.582	ng	98
20) 3+4-Methylphenols	8.77	107	512888	47.035	ng	98
22) Acetophenone	8.82	105	633252	47.471	ng	98
24) Nitrobenzene	9.20	77	556011	58.067	ng	99
25) Isophorone	9.73	82	1034722	48.857	ng	99
26) 2-Nitrophenol	9.91	139	209178	67.022	ng	98
27) 2,4-Dimethylphenol	9.97	122	373702	49.573	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	592001	49.778	ng	99
29) 2,4-Dichlorophenol	10.45	162	395314	50.657	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	383672	44.373	ng	98
31) Naphthalene	10.86	128	1246452	46.564	ng	99
32) Benzoic acid	10.07	122	119230	28.894	ng	96
33) 4-Chloroaniline	10.95	127	204099	17.062	ng	98
34) Hexachlorobutadiene	11.16	225	207579	41.116	ng	98
35) Caprolactam	11.72	113	78027	26.335	ng	93
36) 4-Chloro-3-methylphenol	12.08	107	479949	53.999	ng	98
37) 2-Methylnaphthalene	12.46	142	927720	48.754	ng	98
38) 1-Methylnaphthalene	12.68	142	893973	49.781	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	398826	44.260	ng	98

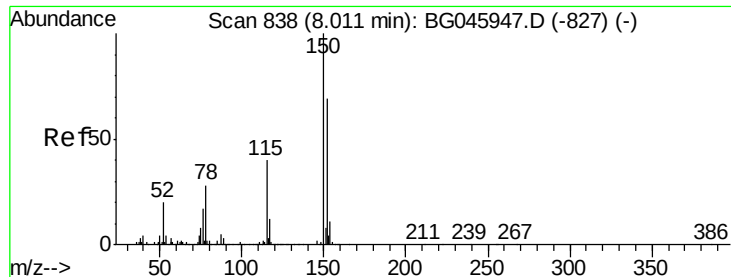
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046007.D
 Acq On : 10 Jul 2020 15:07
 Operator : CG/JU
 Sample : L3247-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Quant Time: Jul 10 17:25:59 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)
41) Hexachlorocyclopentadiene	12.82	237	461742	86.359	ng	100
43) 2,4,6-Trichlorophenol	13.06	196	315267	51.733	ng	99
44) 2,4,5-Trichlorophenol	13.14	196	338808	49.171	ng	99
46) 1,1'-Biphenyl	13.46	154	1144381	47.590	ng	98
47) 2-Chloronaphthalene	13.51	162	881276	46.449	ng	98
48) 2-Nitroaniline	13.70	65	318974	59.129	ng	99
49) Acenaphthylene	14.35	152	1450155	47.373	ng	98
50) Dimethylphthalate	14.09	163	1197645	49.923	ng	100
51) 2,6-Dinitrotoluene	14.19	165	270114	61.921	ng	98
52) Acenaphthene	14.69	154	992870	51.421	ng	98
53) 3-Nitroaniline	14.52	138	229496	43.864	ng	# 91
54) 2,4-Dinitrophenol	14.73	184	140896	87.183	ng	89
55) Dibenzofuran	15.03	168	1368500	48.351	ng	98
56) 4-Nitrophenol	14.83	139	449250	114.944	ng	95
57) 2,4-Dinitrotoluene	14.98	165	377323	66.829	ng	96
58) Fluorene	15.68	166	1152912	49.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	302554	56.872	ng	99
60) Diethylphthalate	15.46	149	1270765	50.510	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	546398	47.302	ng	98
62) 4-Nitroaniline	15.68	138	275762	55.617	ng	94
63) Azobenzene	15.97	77	1392798	51.580	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	131450	52.372	ng	98
66) n-Nitrosodiphenylamine	15.88	169	1055608	47.373	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	367679	45.782	ng	96
68) Hexachlorobenzene	16.68	284	384456	47.705	ng	98
69) Atrazine	16.84	200	362048	54.955	ng	98
70) Pentachlorophenol	17.02	266	470792	105.072	ng	99
71) Phenanthrene	17.41	178	1846422	48.570	ng	98
72) Anthracene	17.51	178	1872217	48.529	ng	97
73) Carbazole	17.77	167	1826604	47.236	ng	98
74) Di-n-butylphthalate	18.35	149	2177164	46.591	ng	99
75) Fluoranthene	19.42	202	2137312	48.635	ng	97
77) Benzidine	19.59	184	561374	32.625	ng	98
78) Pyrene	19.78	202	2107414	51.302	ng	98
80) Butylbenzylphthalate	20.68	149	1022582	52.678	ng	94
81) Benzo(a)anthracene	21.61	228	1896085	47.917	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	456200	31.200	ng	98
83) Chrysene	21.68	228	1835688	48.696	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	1404378	49.839	ng	99
85) Di-n-octyl phthalate	22.75	149	2378370	48.638	ng	99
87) Indeno(1,2,3-cd)pyrene	28.38	276	2412600	53.875	ng	100
88) Benzo(b)fluoranthene	23.79	252	2084202	53.636	ng	98
89) Benzo(k)fluoranthene	23.86	252	1908708	51.947	ng	99
90) Benzo(a)pyrene	24.64	252	1870550	51.192	ng	98
91) Dibenzo(a,h)anthracene	28.44	278	1929461	53.419	ng	99
92) Benzo(g,h,i)perylene	29.50	276	1952911	53.728	ng	99

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

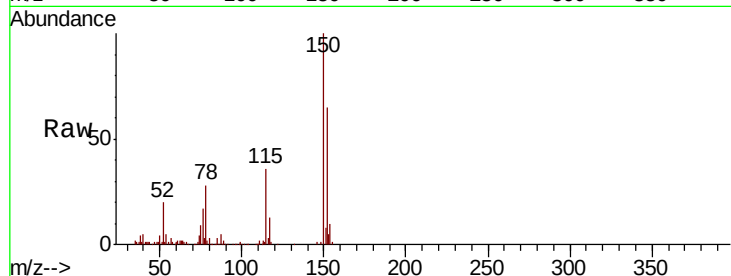


#1

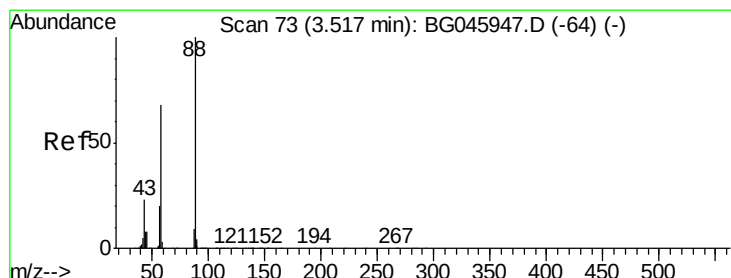
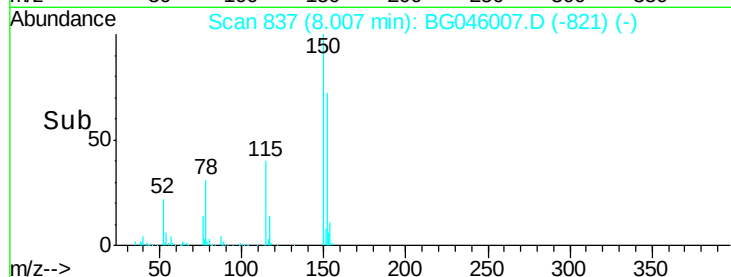
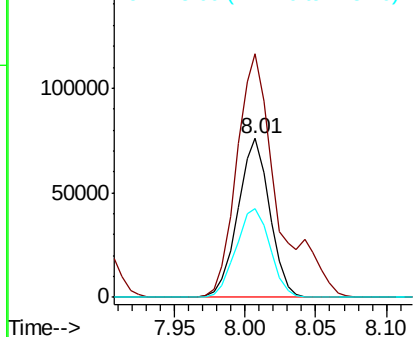
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion:152 Resp: 119732
Ion Ratio Lower Upper
152 100
150 153.2 116.7 175.1
115 55.9 47.4 71.0



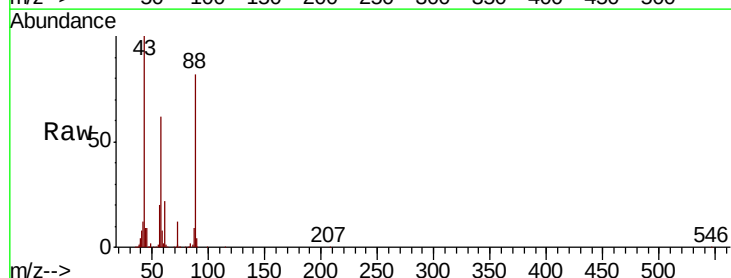
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



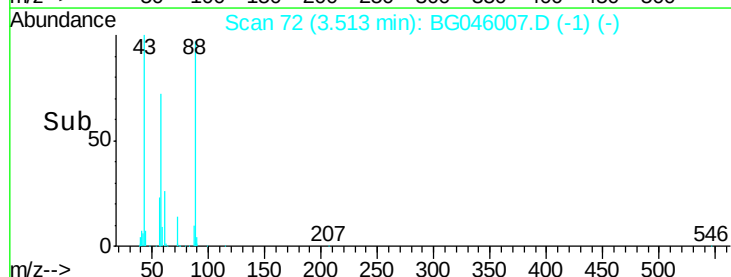
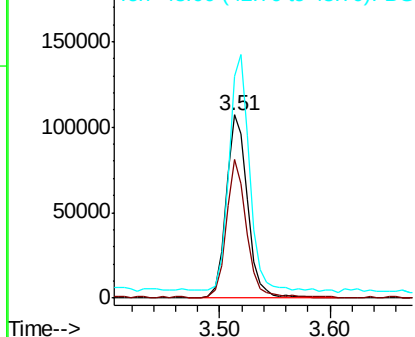
#2

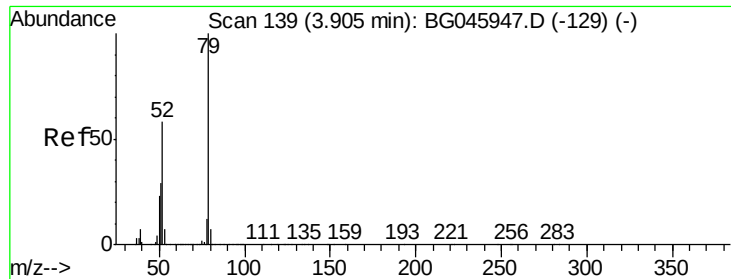
1,4-Dioxane
Concen: 42.257 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 88 Resp: 143943
Ion Ratio Lower Upper
88 100
58 70.5 55.2 82.8
43 128.3 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: 34.827 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

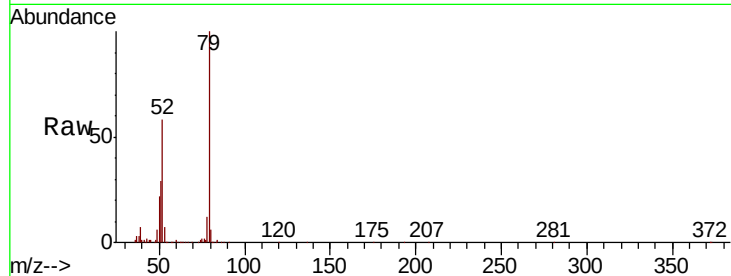
Tot Ion: 79 Resp: 358705

Ion Ratio Lower Upper

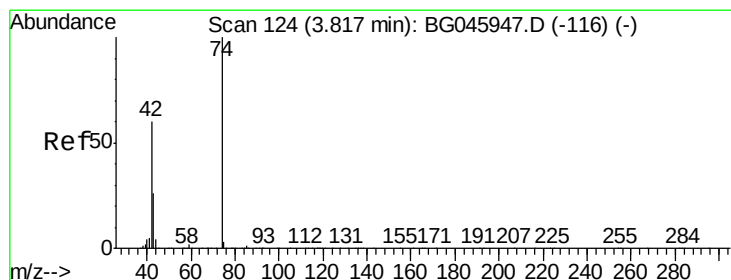
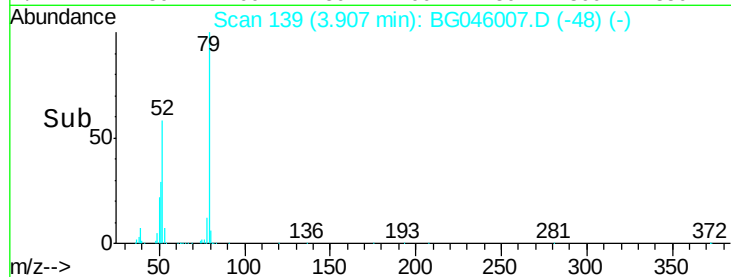
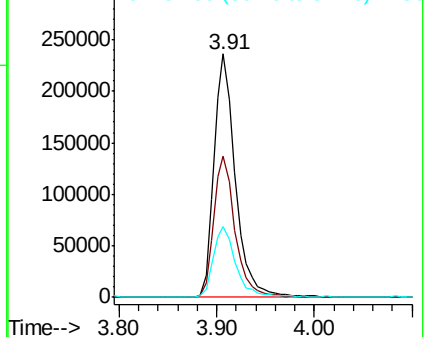
79 100

52 58.0 46.5 69.7

51 29.2 23.5 35.3



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



#4

n-Nitrosodimethylamine

Concen: 53.402 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

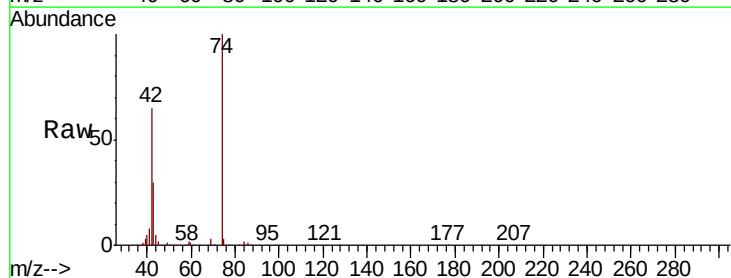
Tgt Ion: 42 Resp: 185987

Ion Ratio Lower Upper

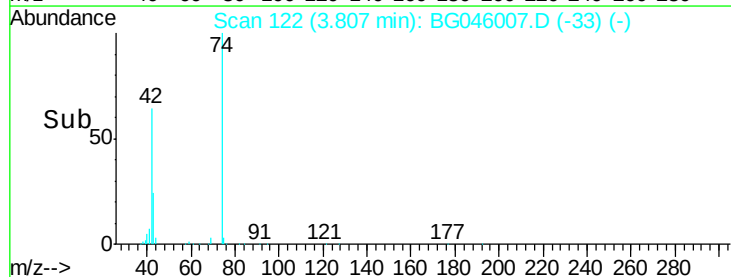
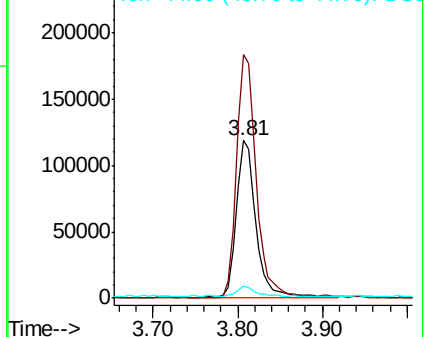
42 100

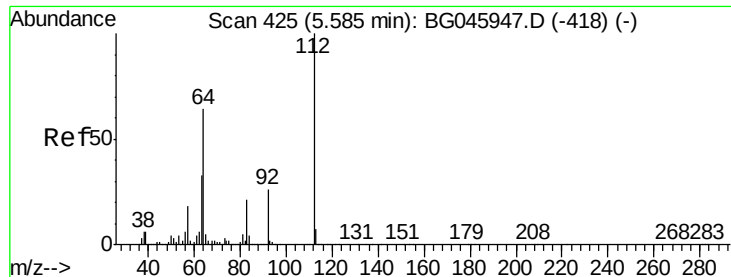
74 154.5 131.9 197.9

44 7.6 7.7 11.5#



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





#5

2-Fluorophenol

Concen: 140.534 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

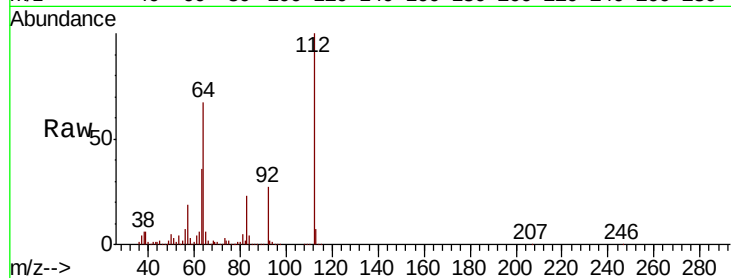
Tot Ion:112 Resp: 1037599

Ion Ratio Lower Upper

112 100

64 67.2 51.4 77.2

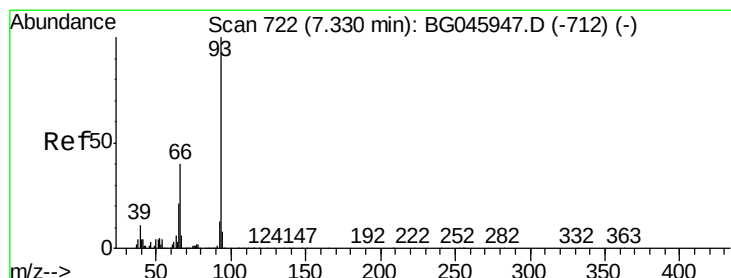
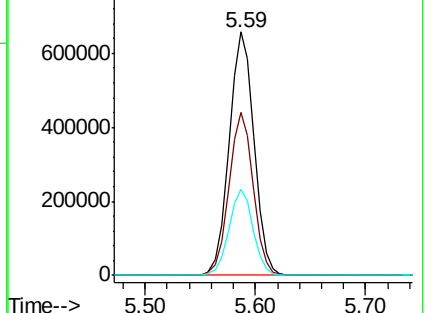
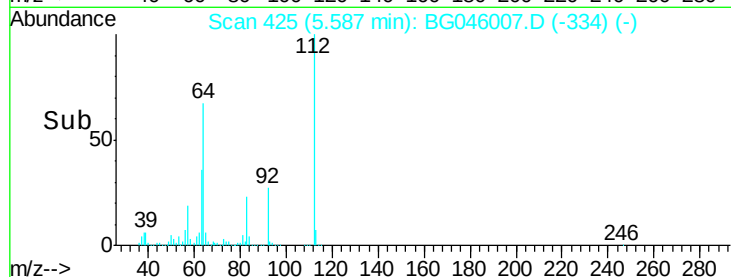
63 35.6 26.6 40.0



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: 39.657 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

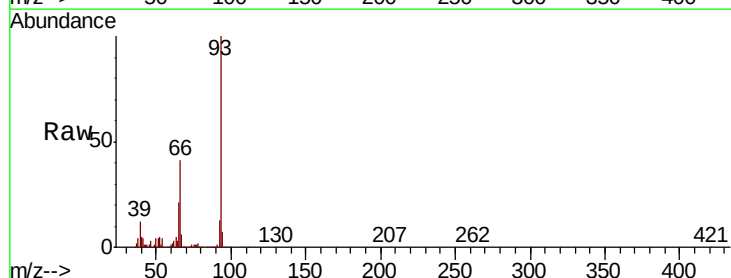
Tgt Ion: 93 Resp: 539264

Ion Ratio Lower Upper

93 100

66 40.6 32.3 48.5

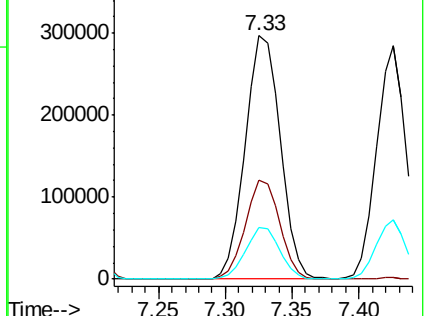
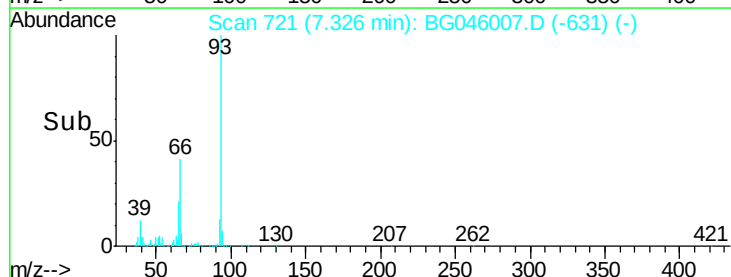
65 21.2 16.6 25.0

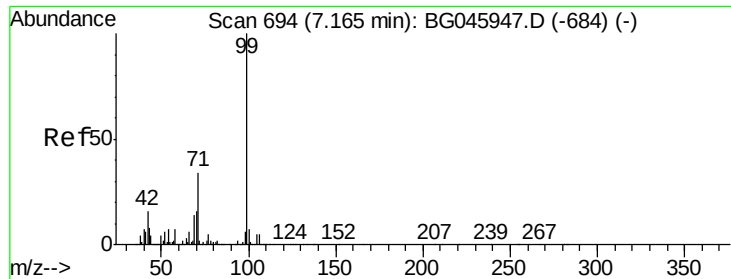


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.483 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

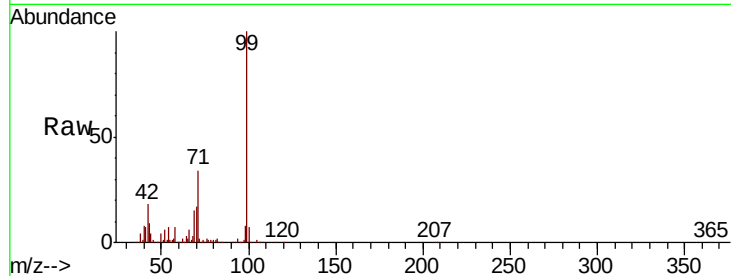
Tot Ion: 99 Resp: 1344488

Ion Ratio Lower Upper

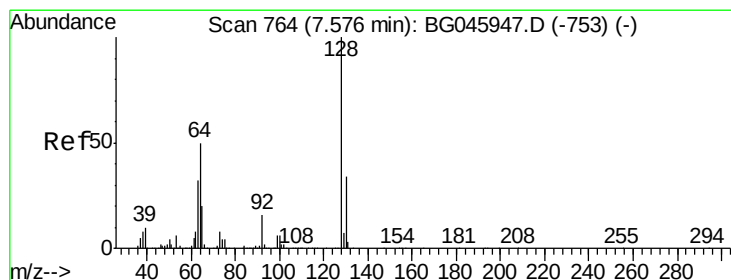
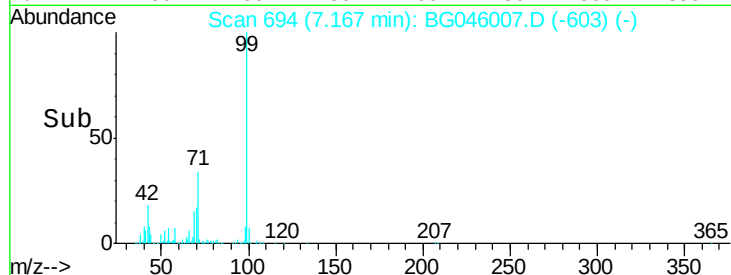
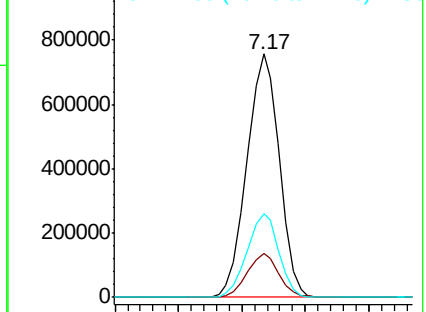
99 100

42 18.2 13.0 19.4

71 34.4 27.5 41.3



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



#8

2-Chlorophenol

Concen: 52.793 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

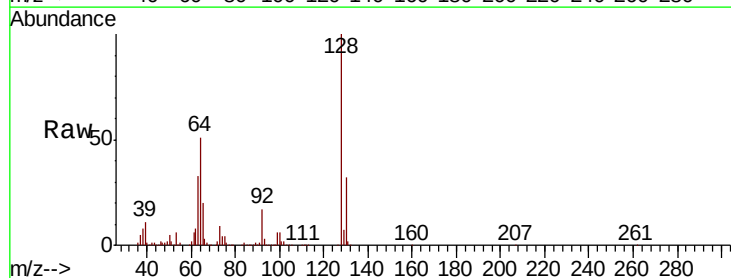
Tgt Ion:128 Resp: 419593

Ion Ratio Lower Upper

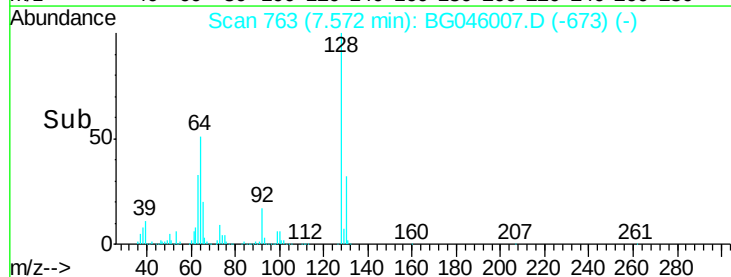
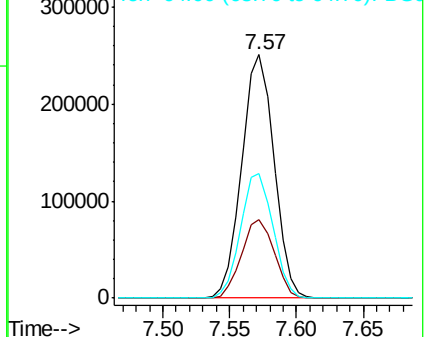
128 100

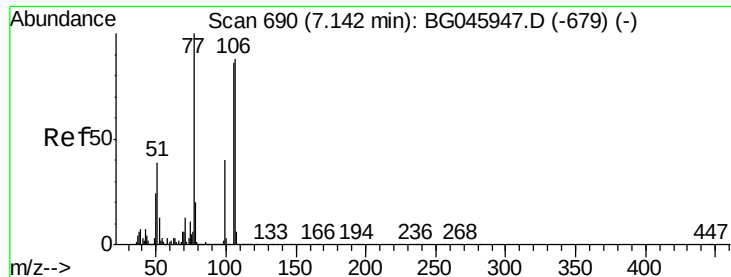
130 32.3 13.6 53.6

64 51.2 30.6 70.6



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





#9

Benzaldehyde

Concen: 21.356 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampled :

MH-D19MS

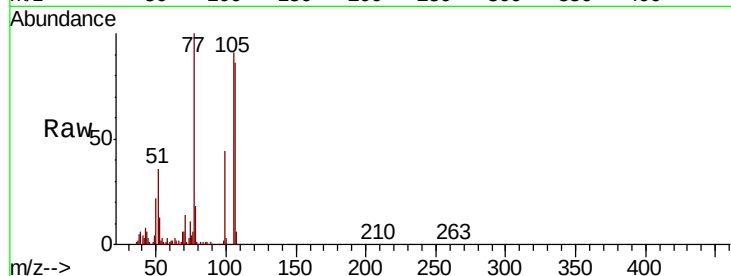
Tot Ion: 77 Resp: 143826

Ion Ratio Lower Upper

77 100

105 90.9 66.0 106.0

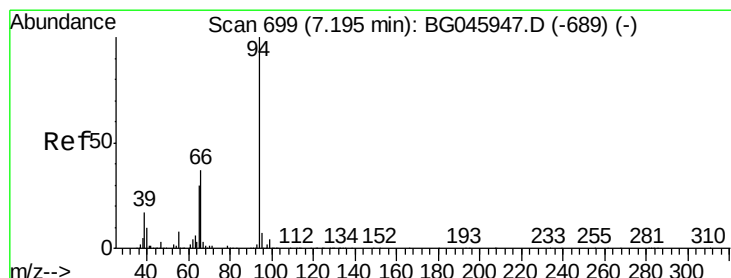
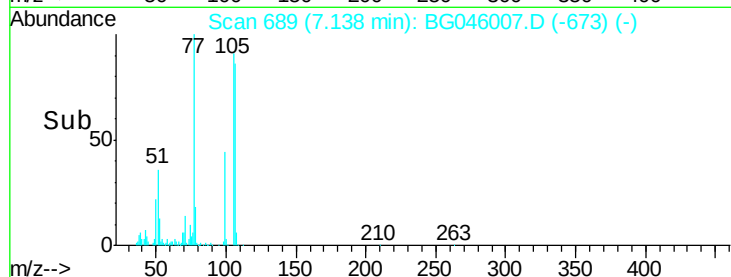
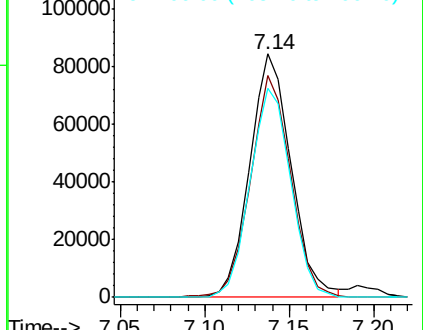
106 86.0 67.7 107.7



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: 45.065 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

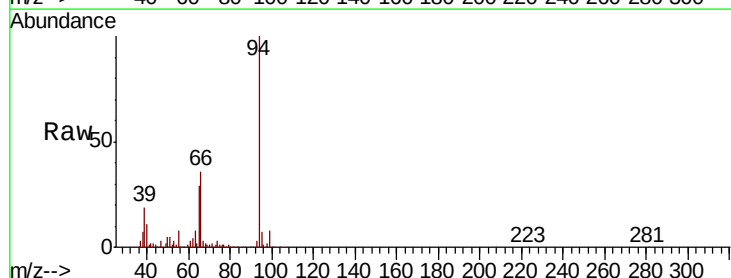
Tgt Ion: 94 Resp: 480521

Ion Ratio Lower Upper

94 100

65 28.9 10.6 50.6

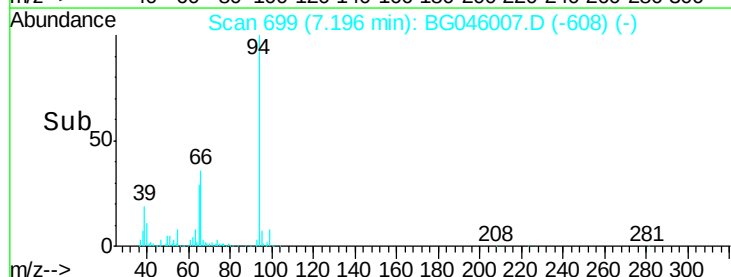
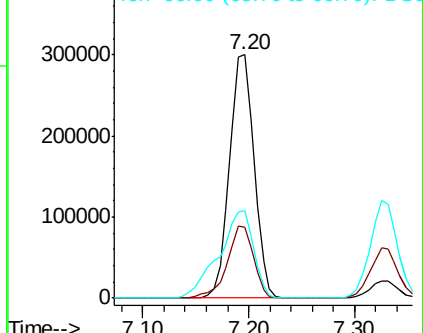
66 36.1 17.1 57.1

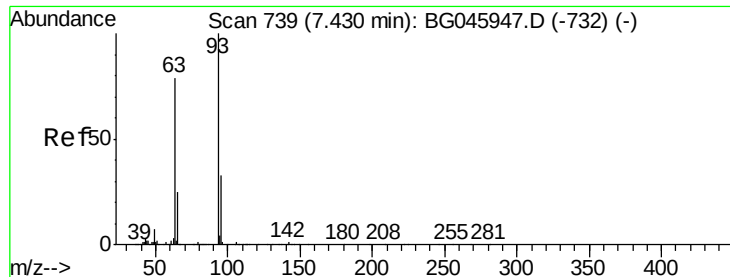


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

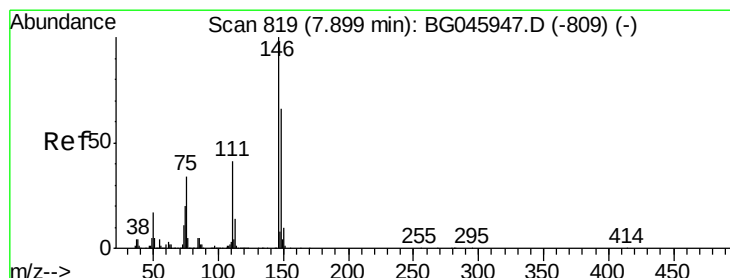
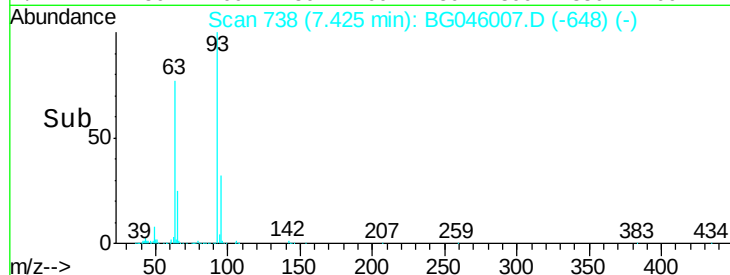
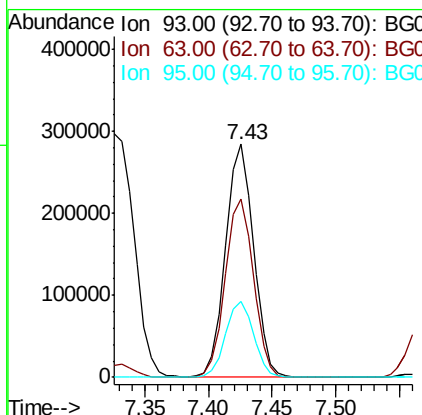
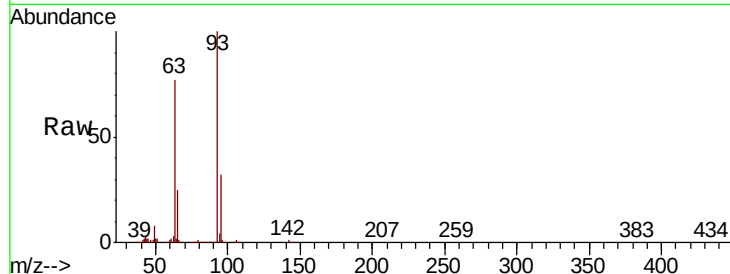




#11
 bis(2-Chloroethyl)ether
 Concen: 49.390 ng
 RT: 7.43 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

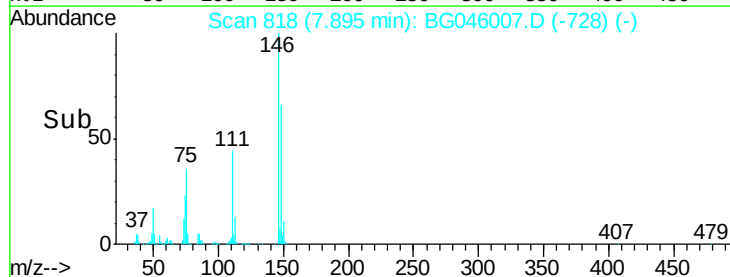
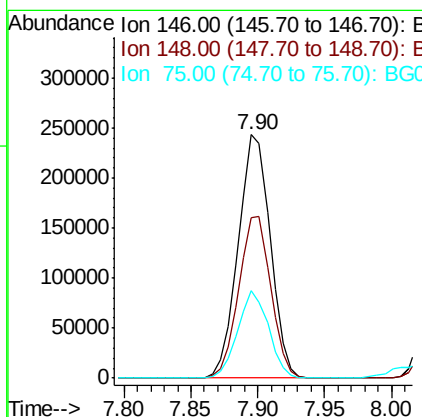
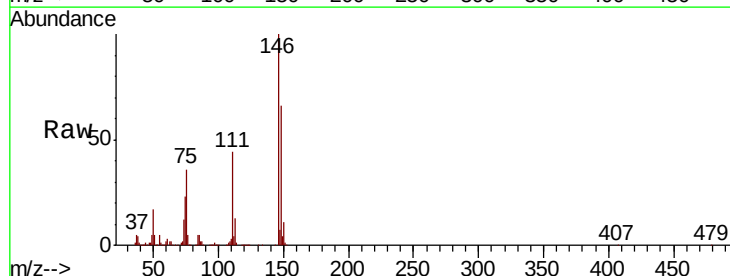
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

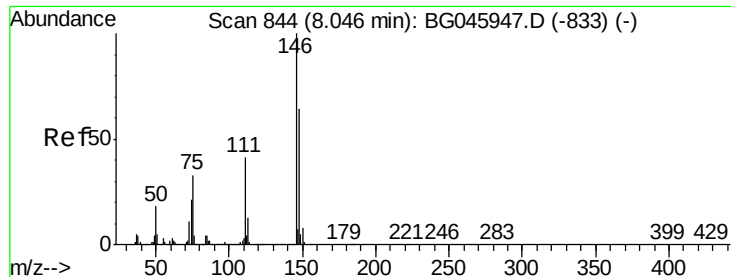
Tot Ion	93	Resp	435487
Ion	Ratio	Lower	Upper
93	100		
63	76.7	58.6	98.6
95	32.5	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 44.197 ng
 RT: 7.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	146	Resp	404891
Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.8	79.2
75	35.7	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 45.145 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampled :

MH-D19MS

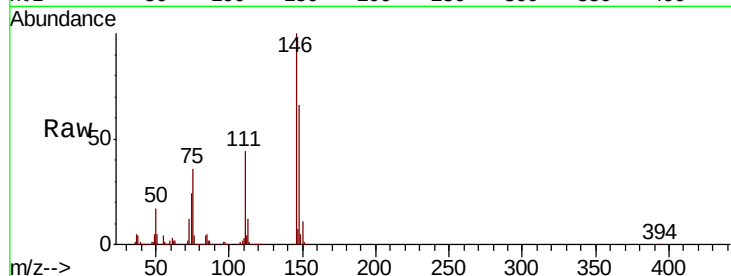
Tot Ion:146 Resp: 406843

Ion Ratio Lower Upper

146 100

148 66.1 51.7 77.5

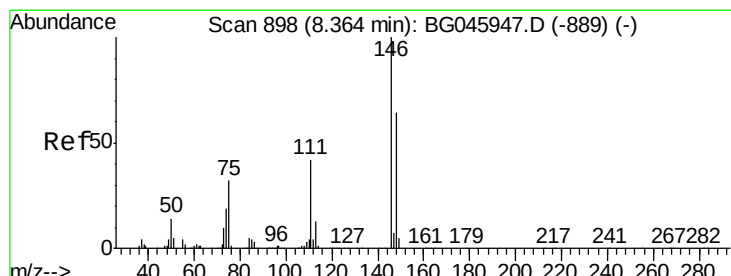
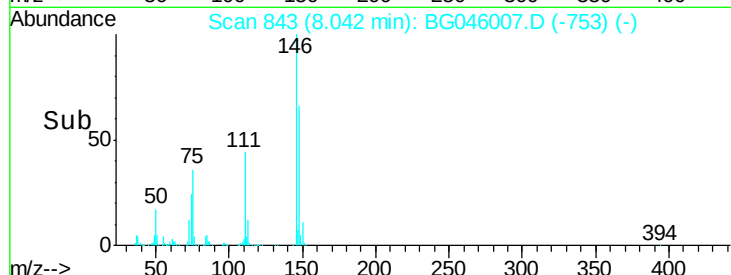
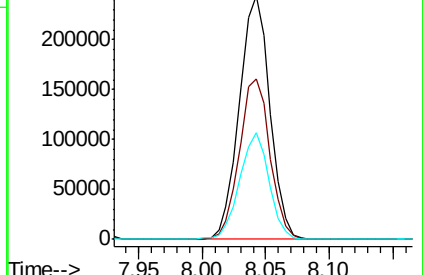
111 44.0 33.3 49.9



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: 44.484 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

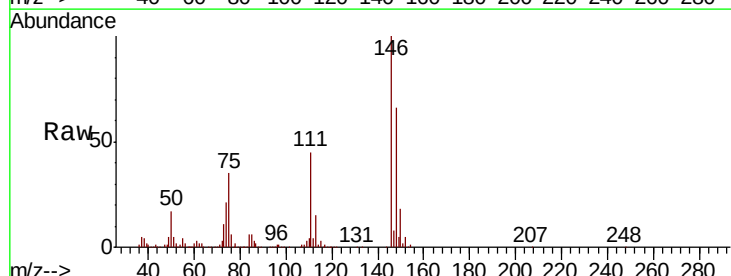
Tgt Ion:146 Resp: 385828

Ion Ratio Lower Upper

146 100

148 65.8 51.6 77.4

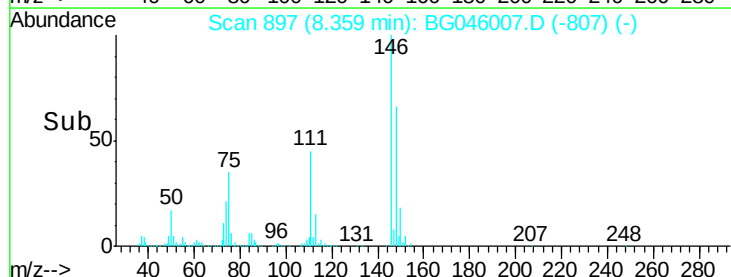
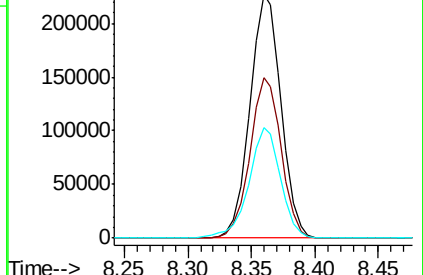
111 45.4 34.0 51.0

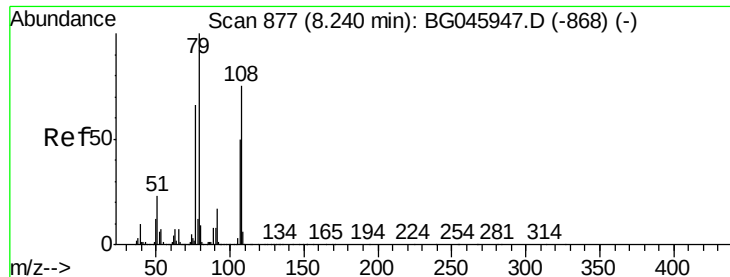


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.113 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

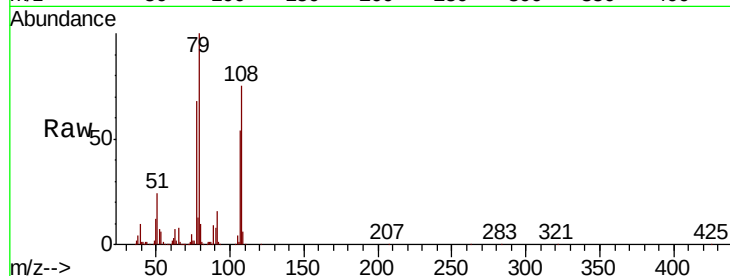
Tot Ion: 79 Resp: 426007

Ion Ratio Lower Upper

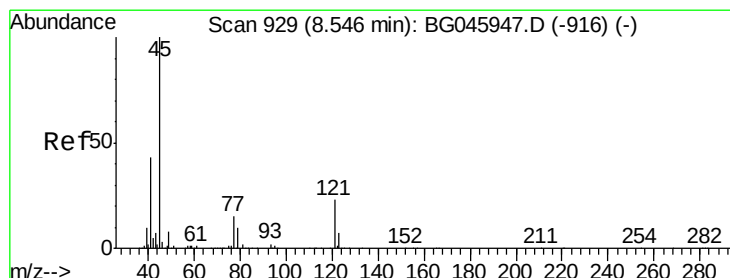
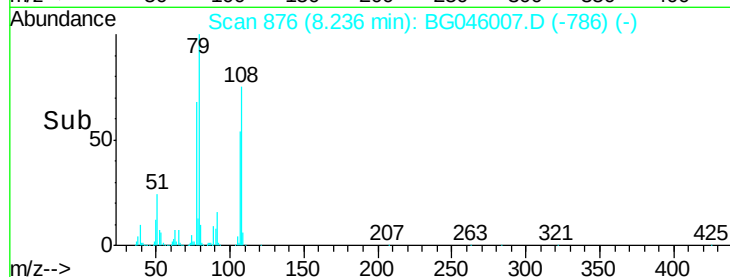
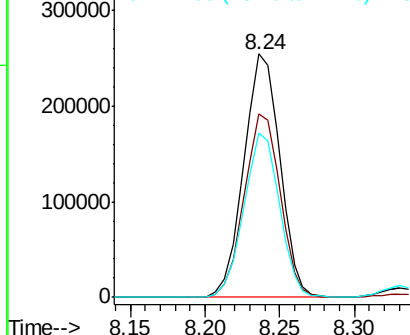
79 100

108 75.4 60.2 90.4

77 67.5 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: 47.101 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

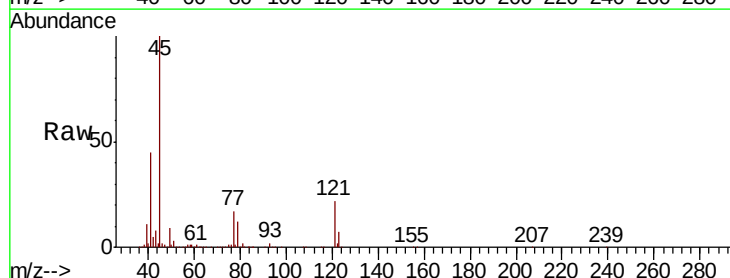
Tgt Ion: 45 Resp: 541858

Ion Ratio Lower Upper

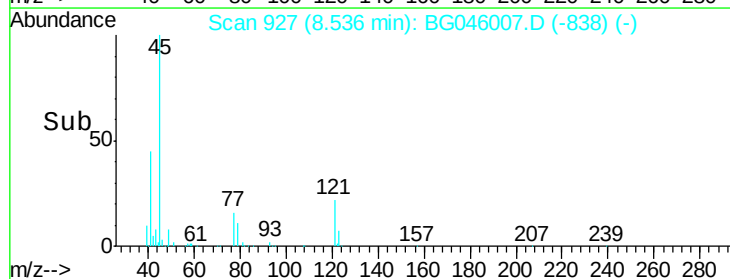
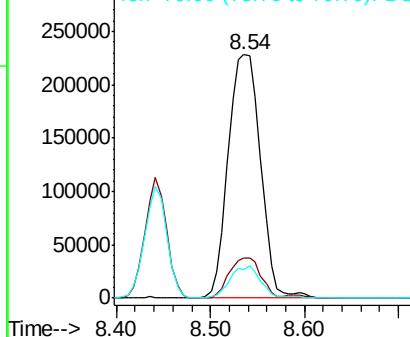
45 100

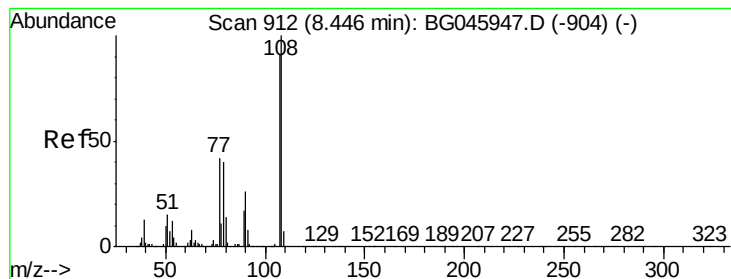
77 16.5 0.0 37.6

79 11.5 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

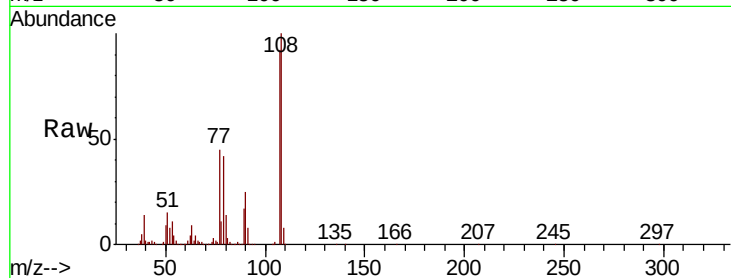




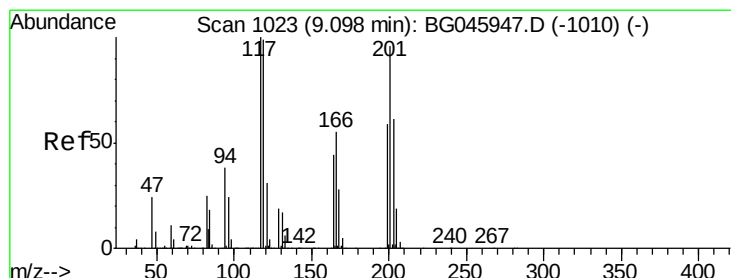
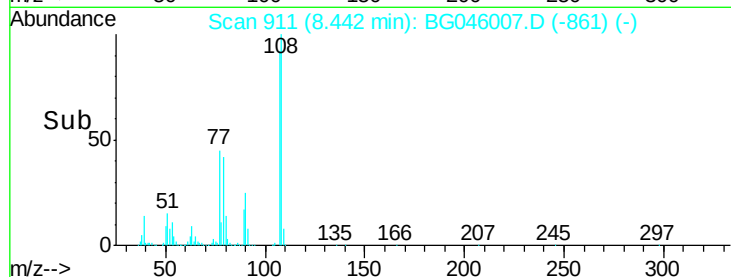
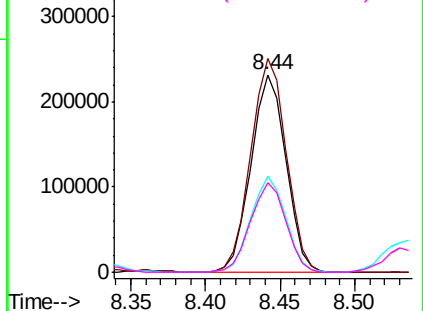
#17
2-Methylphenol
Concen: 46.845 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion:	107	Resp:	374803
Ion	Ratio	Lower	Upper
107	100		
108	108.2	88.2	132.4
77	48.7	37.0	55.4
79	45.4	35.4	53.0

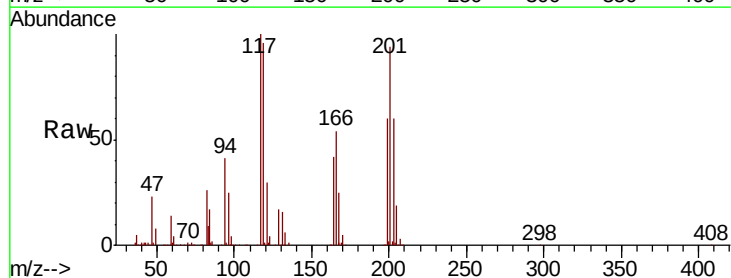


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

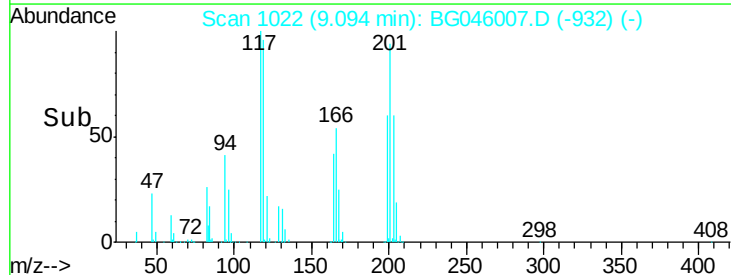
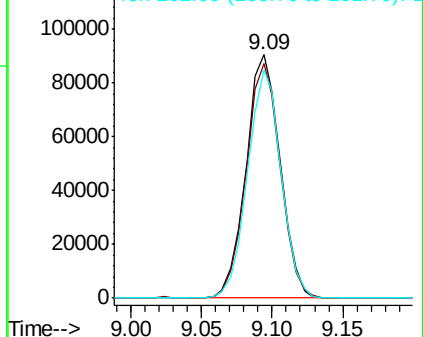


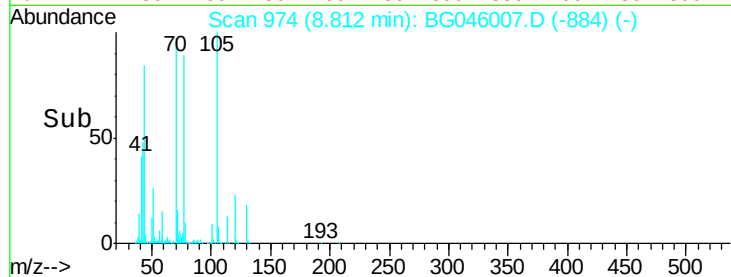
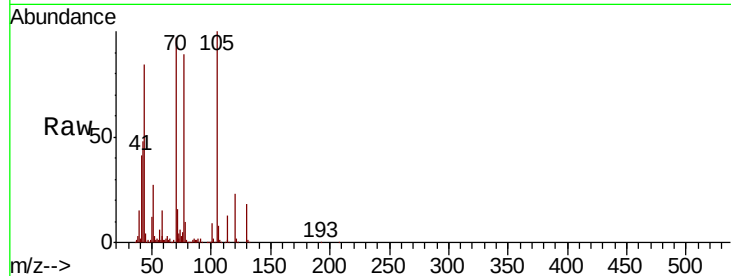
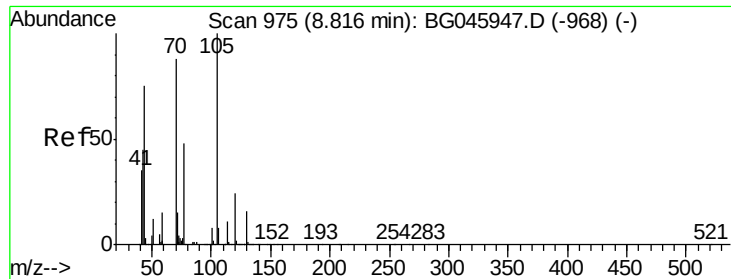
#18
Hexachloroethane
Concen: 44.384 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:	117	Resp:	153904
Ion	Ratio	Lower	Upper
117	100		
119	96.5	79.5	119.3
201	93.5	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

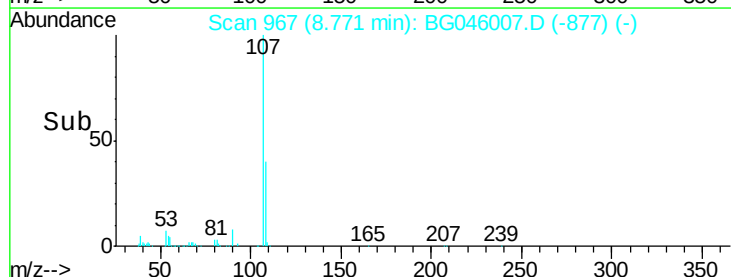
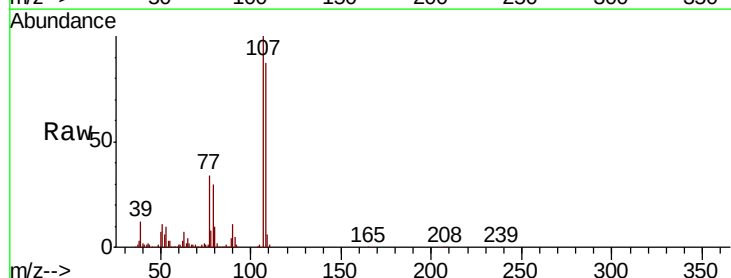
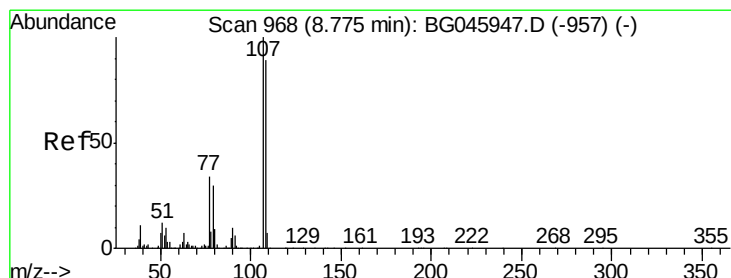
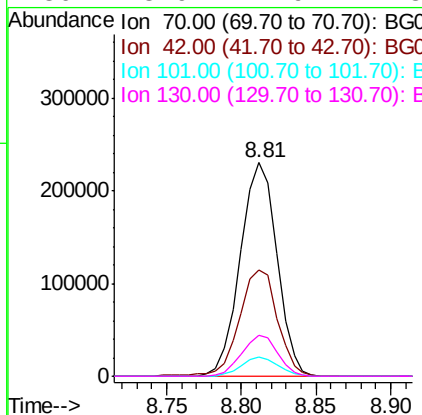




#19
n-Nitroso-di-n-propylamine
Concen: 52.582 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

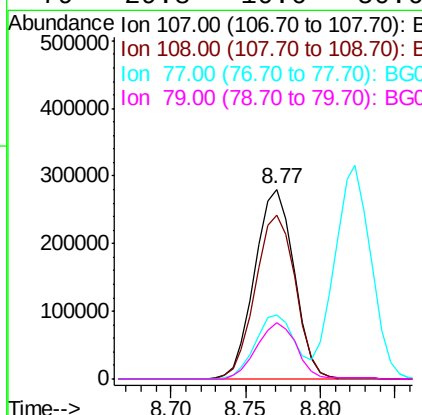
Instrument :
BNA_G
ClientSampleId :
MH-D19MS

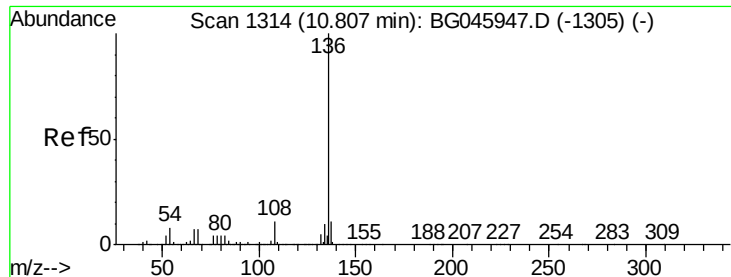
Tot Ion:	70	Resp:	392657
Ion	Ratio	Lower	Upper
70	100		
42	49.9	41.4	62.0
101	9.0	7.1	10.7
130	18.9	14.9	22.3



#20
3+4-Methylphenols
Concen: 47.035 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:	107	Resp:	512888
Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.7	108.7
77	33.8	14.6	54.6
79	29.8	10.6	50.6

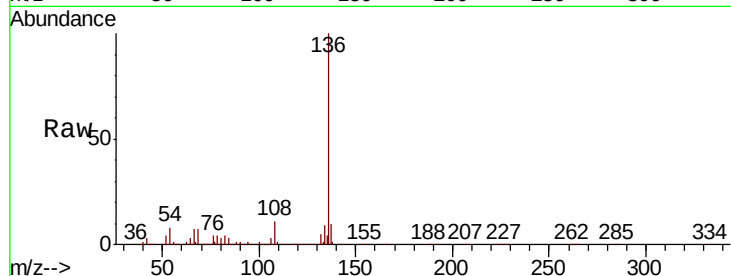




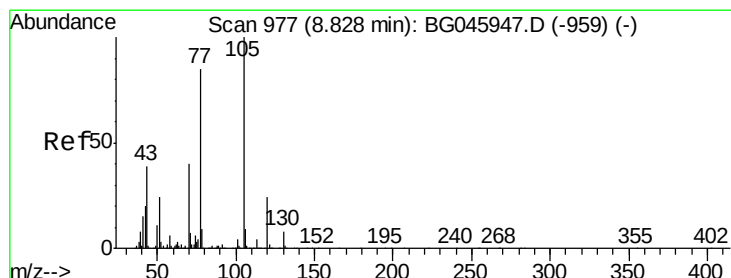
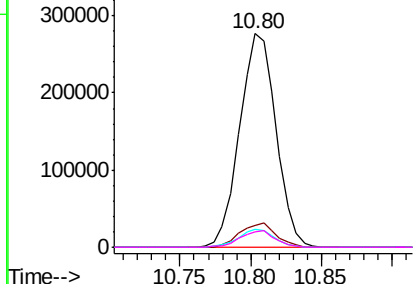
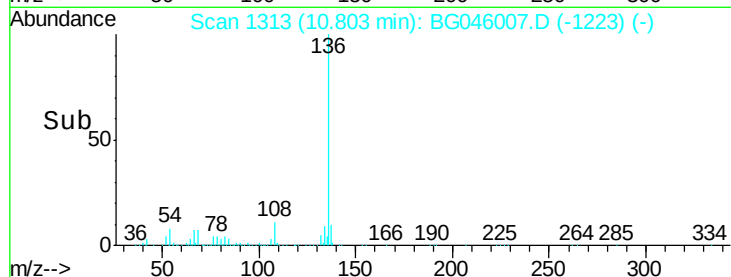
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion:136	Resp: 499338
Ion Ratio	Lower Upper
136 100	
137 10.5	9.2 13.8
54 8.2	6.2 9.4
68 7.1	5.8 8.8

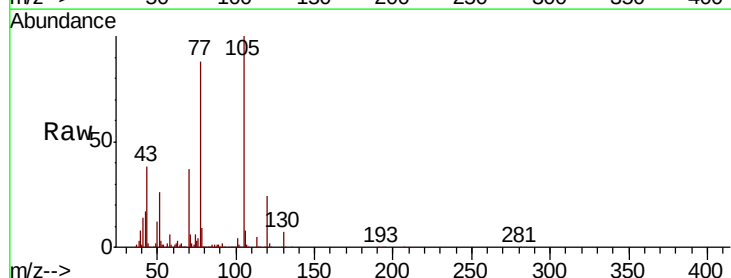


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

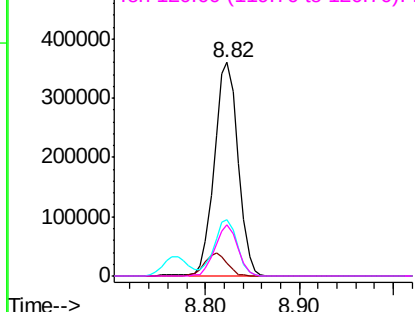
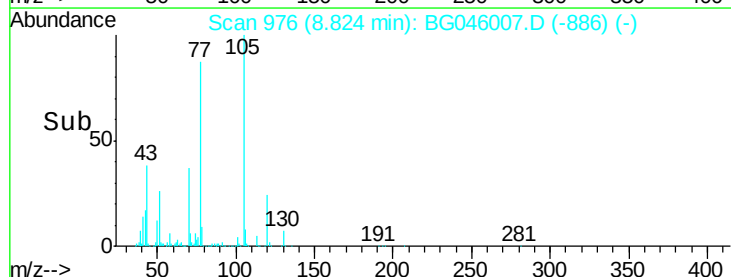


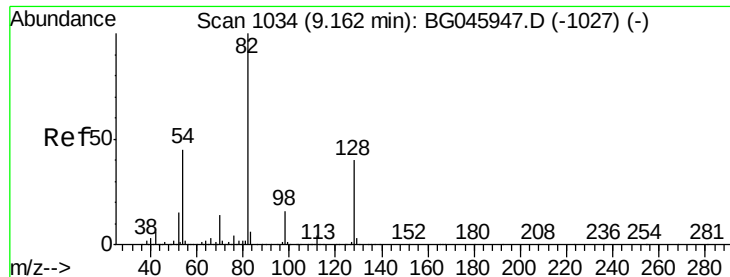
#22
Acetophenone
Concen: 47.471 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt	Ion:105	Resp:	633252
Ion	Ratio	Lower	Upper
105	100		
71	6.2	6.2	9.2
51	26.2	19.7	29.5
120	23.7	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



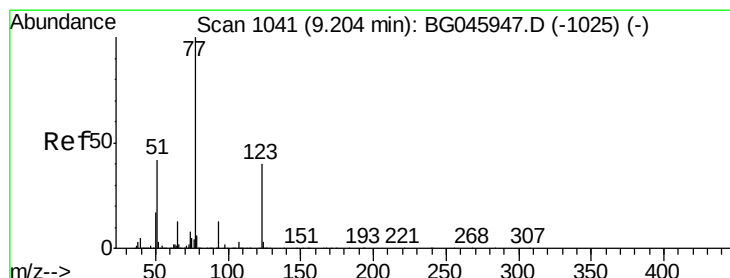
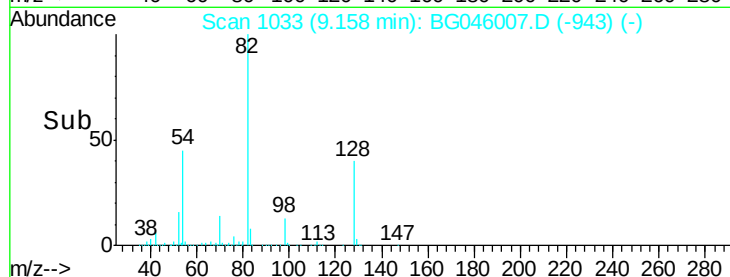
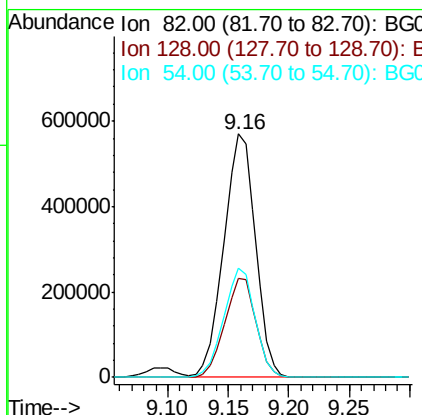
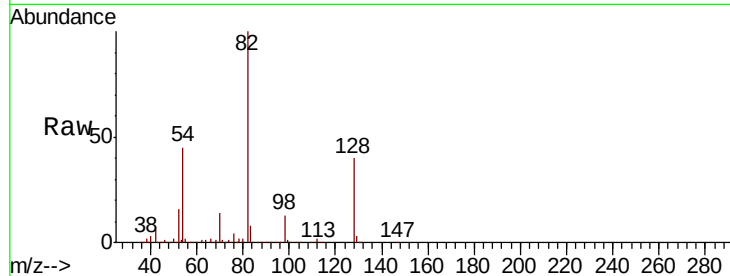


#23
 Nitrobenzene-d5
 Concen: 119.270 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion: 82 Resp: 1034711

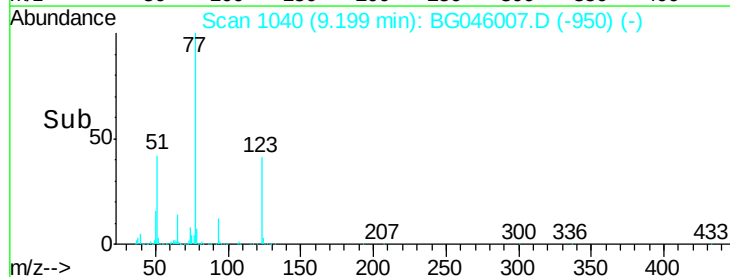
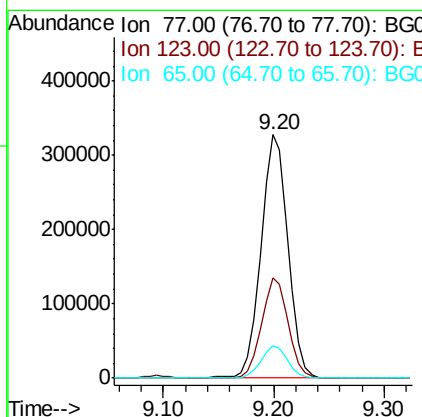
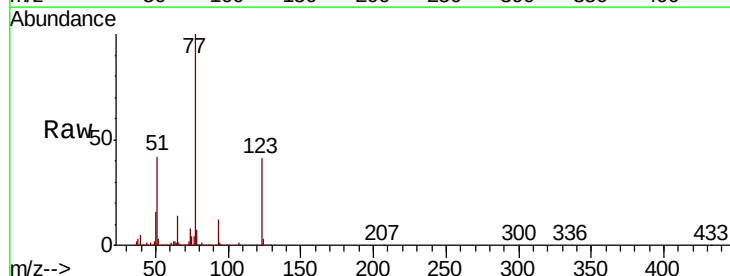
Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.2	48.4
54	44.8	35.8	53.6

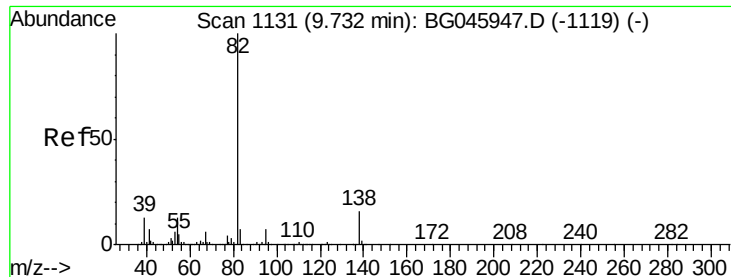


#24
 Nitrobenzene
 Concen: 58.067 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion: 77 Resp: 556011

Ion	Ratio	Lower	Upper
77	100		
123	41.0	32.7	49.1
65	13.6	10.2	15.4



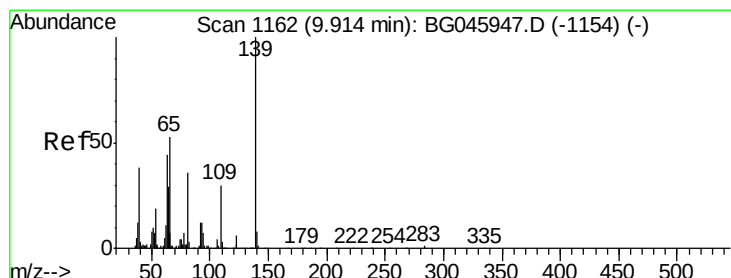
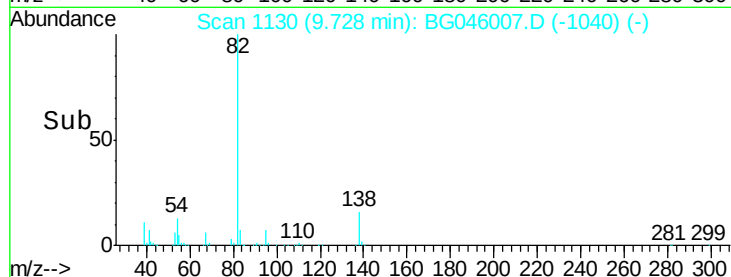
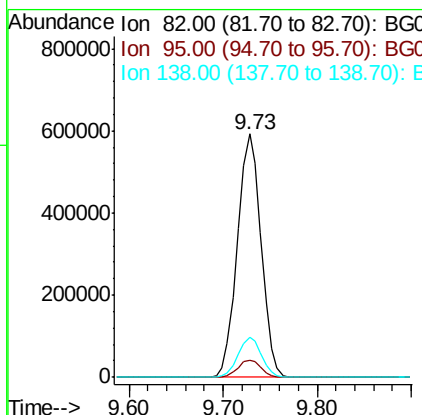
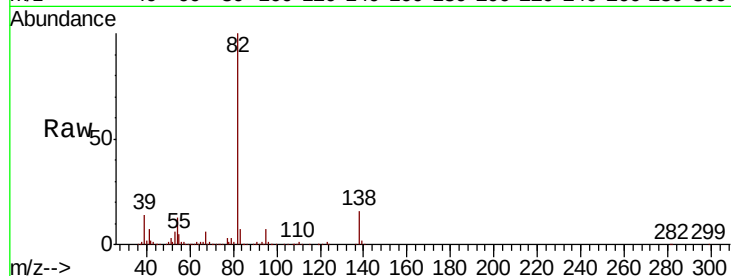


#25
Isophorone
Concen: 48.857 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion: 82 Resp: 1034722

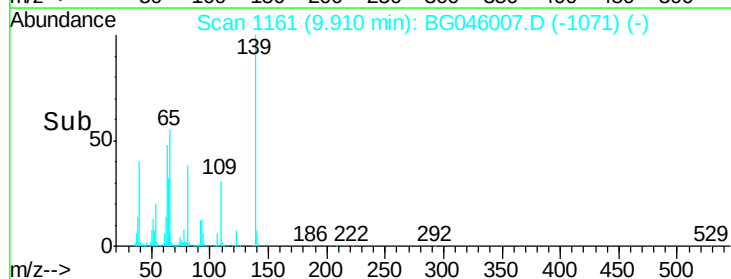
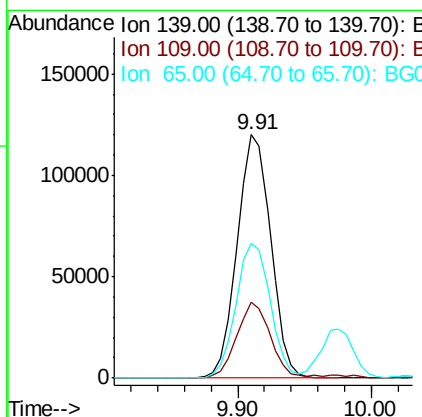
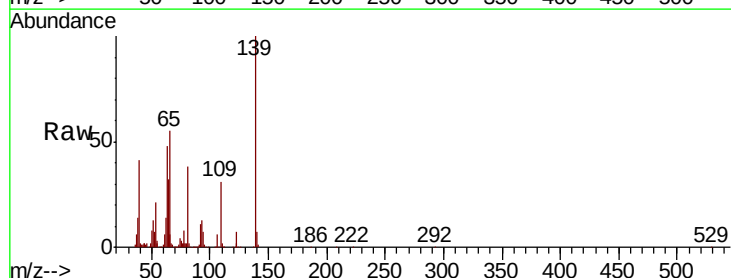
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.8	8.6
138	16.3	12.9	19.3

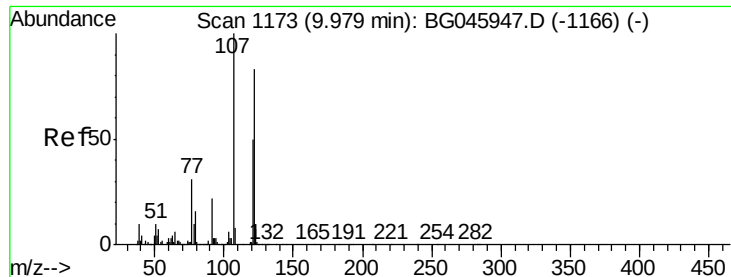


#26
2-Nitrophenol
Concen: 67.022 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 139 Resp: 209178

Ion	Ratio	Lower	Upper
139	100		
109	31.0	24.6	37.0
65	55.3	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 49.573 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

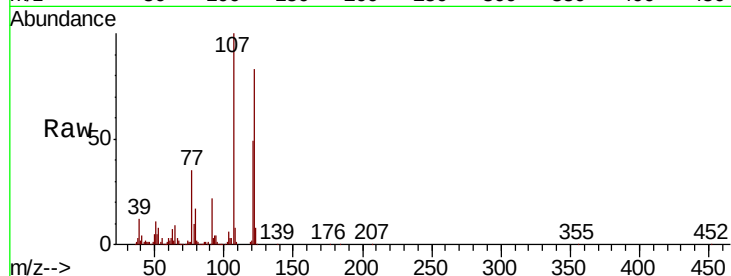
Tot Ion:122 Resp: 373702

Ion Ratio Lower Upper

122 100

107 120.7 95.6 143.4

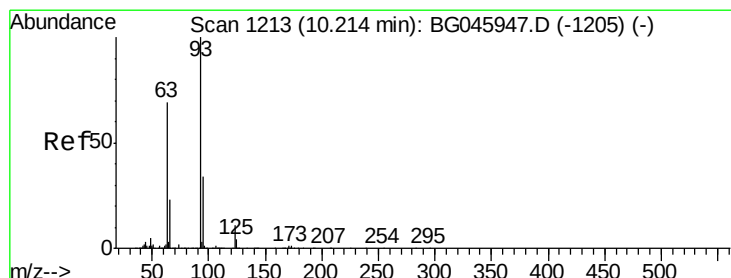
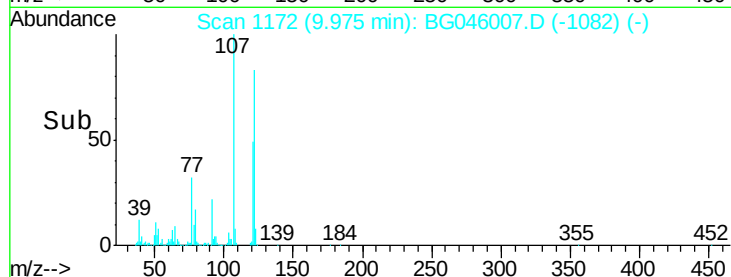
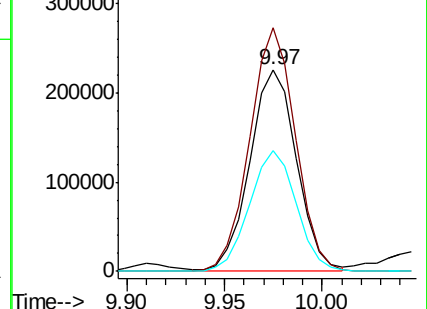
121 59.5 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.778 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

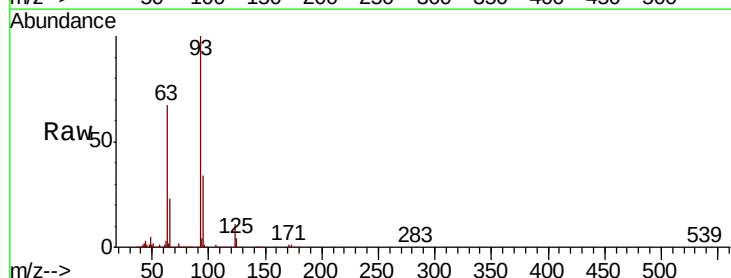
Tgt Ion: 93 Resp: 592001

Ion Ratio Lower Upper

93 100

95 34.0 27.5 41.3

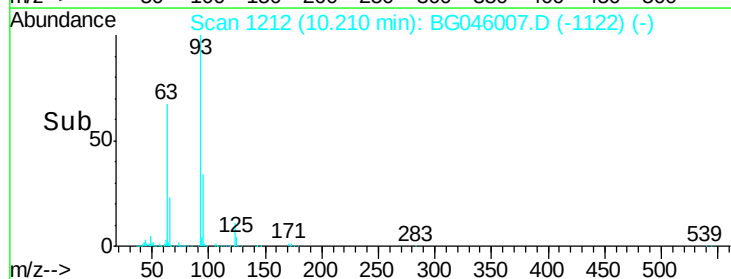
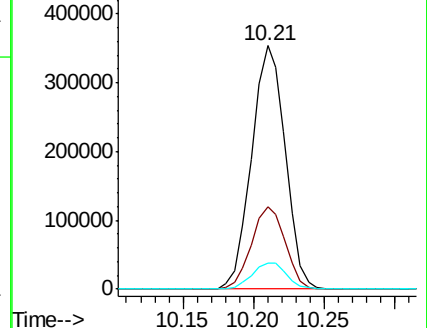
123 10.7 9.2 13.8

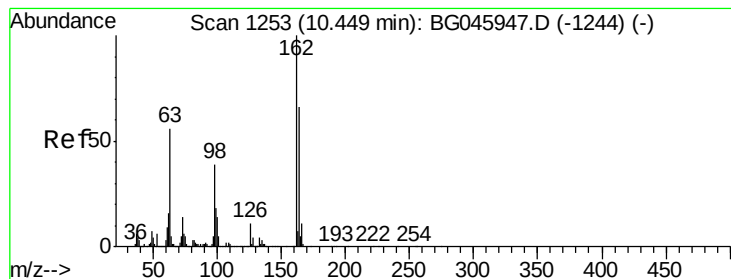


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.657 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

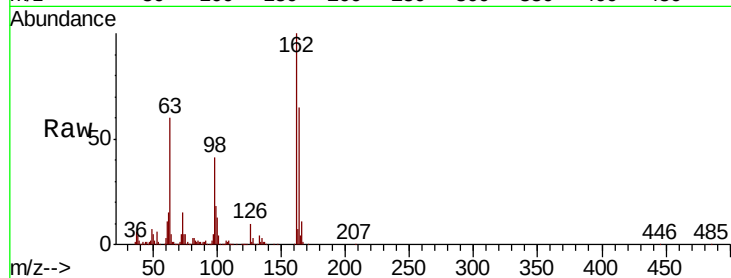
Tot Ion:162 Resp: 395314

Ion Ratio Lower Upper

162 100

164 65.5 46.0 86.0

98 40.7 19.2 59.2

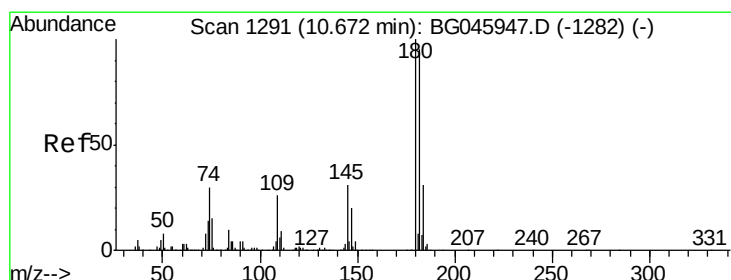
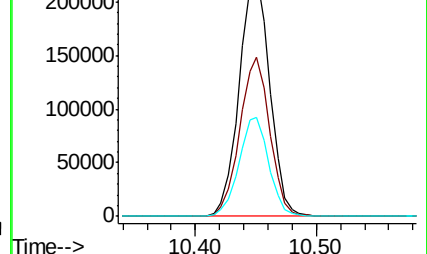
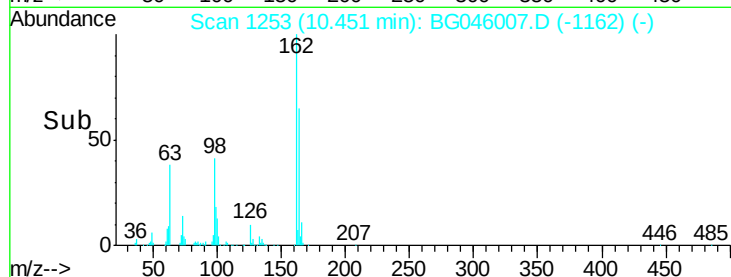


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 44.373 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

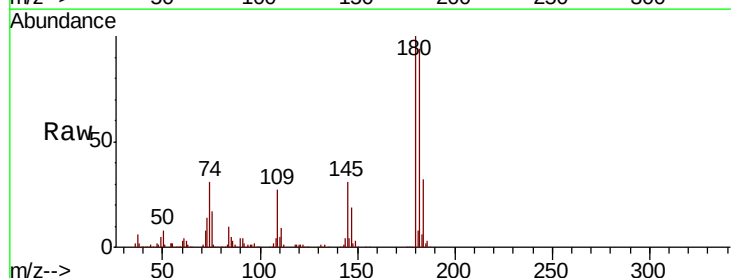
Tgt Ion:180 Resp: 383672

Ion Ratio Lower Upper

180 100

182 93.6 76.3 114.5

145 30.6 24.8 37.2

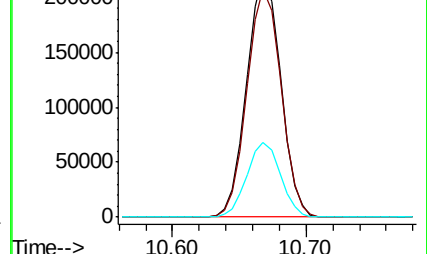
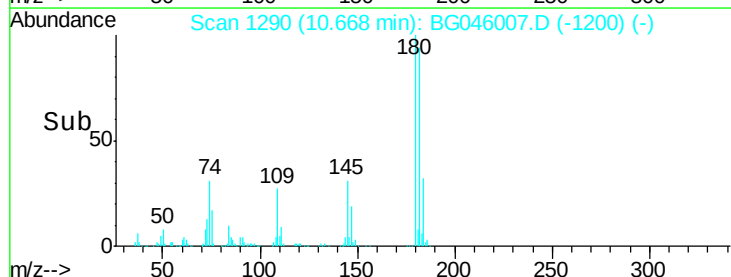


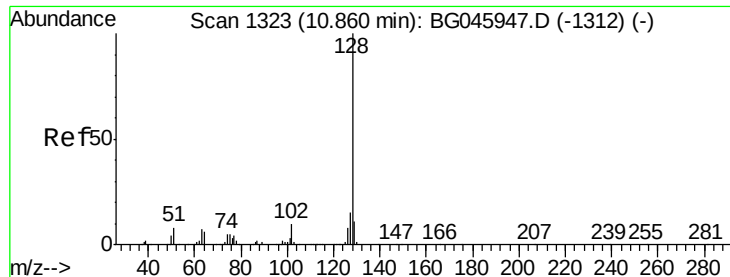
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->

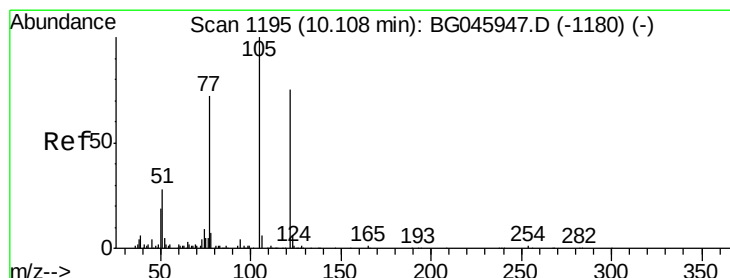
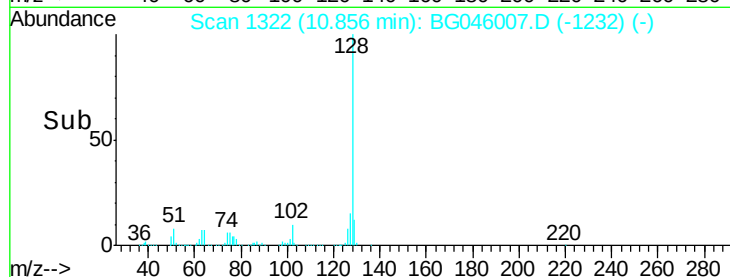
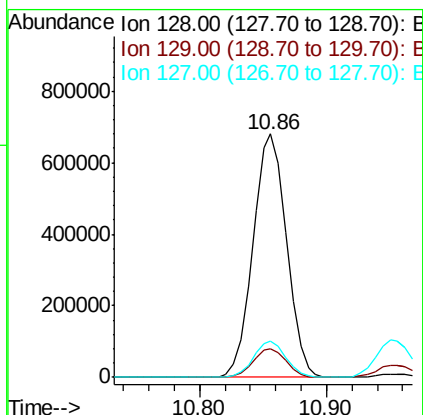
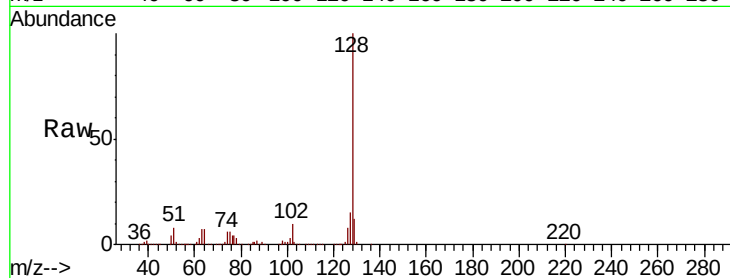




#31
Naphthalene
Concen: 46.564 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

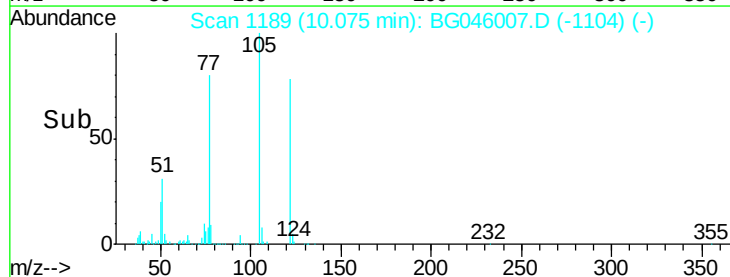
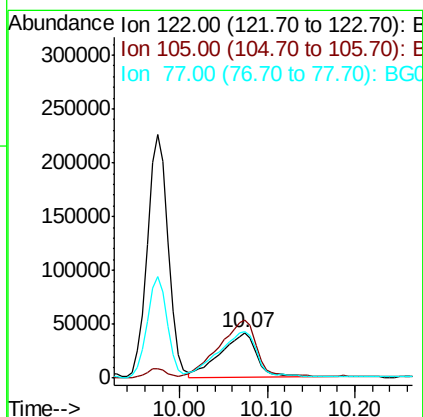
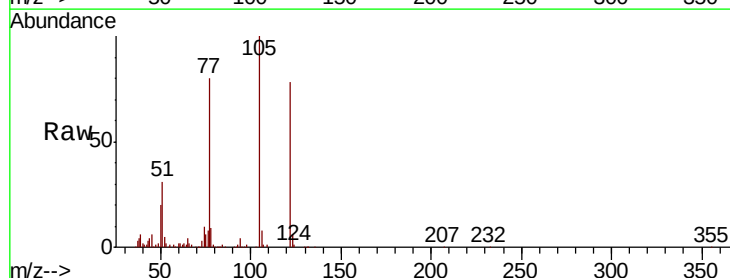
Instrument :
BNA_G
ClientSampleId :
MH-D19MS

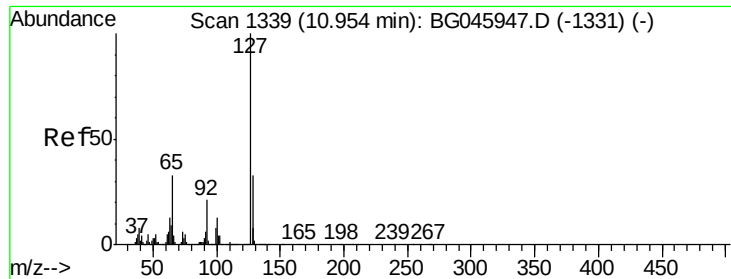
Tot Ion:128 Resp: 1246452
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 14.8 11.8 17.6



#32
Benzoic acid
Concen: 28.894 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:122 Resp: 119230
Ion Ratio Lower Upper
122 100
105 128.1 110.8 150.8
77 102.6 76.4 116.4

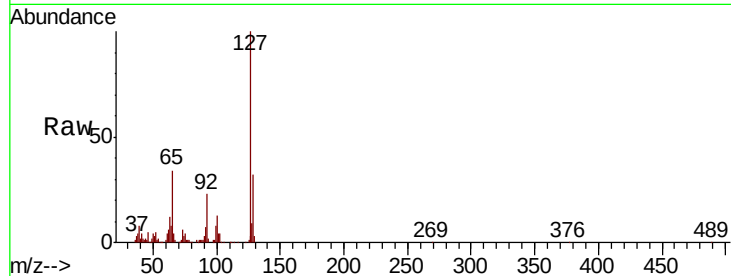




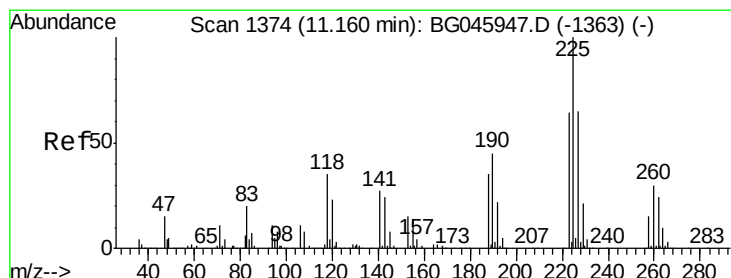
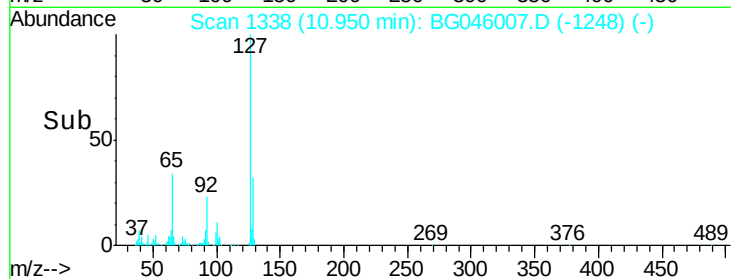
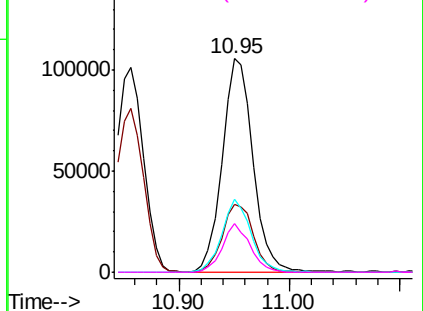
#33
4-Chloroaniline
Concen: 17.062 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion:127	Resp:	204099
Ion Ratio	Lower	Upper
127	100	
129	31.8	26.6 39.8
65	33.9	26.8 40.2
92	22.8	17.0 25.4

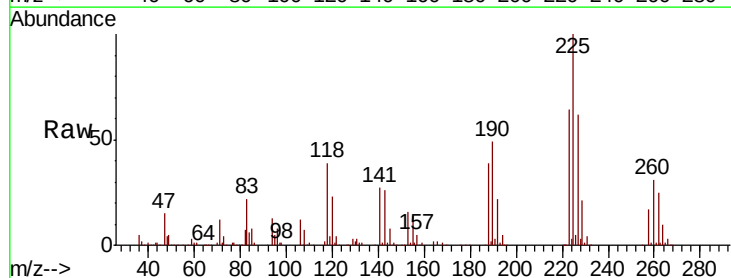


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

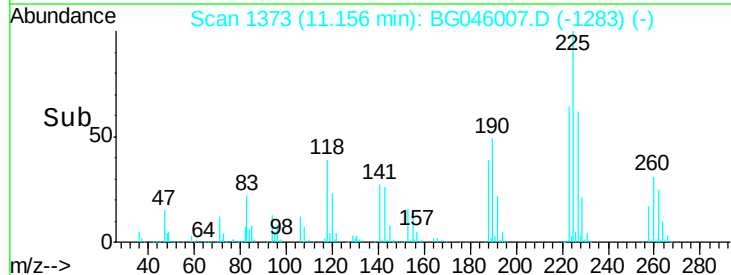
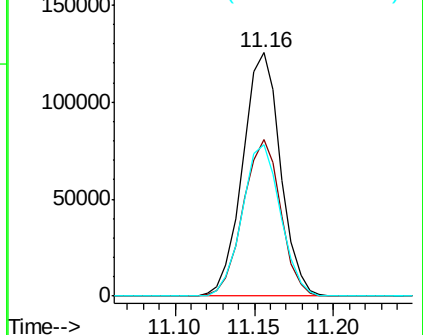


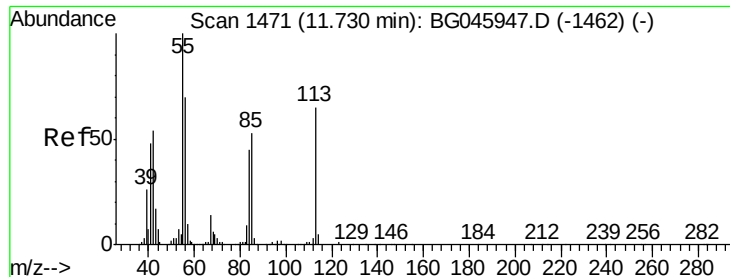
#34
Hexachlorobutadiene
Concen: 41.116 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:225	Resp:	207579
Ion Ratio	Lower	Upper
225	100	
223	64.4	51.2 76.8
227	62.1	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: 26.335 ng

RT: 11.72 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

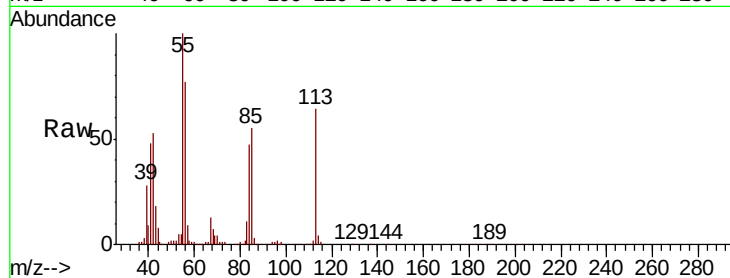
Tot Ion:113 Resp: 78027

Ion Ratio Lower Upper

113 100

55 155.2 141.6 181.6

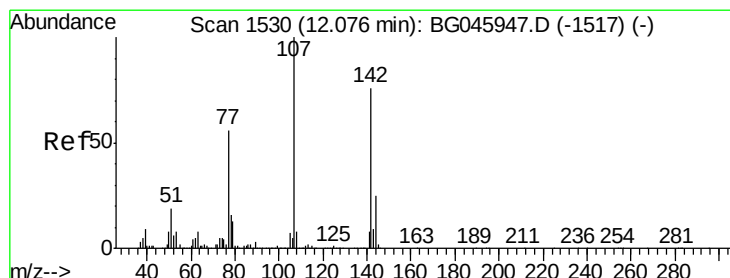
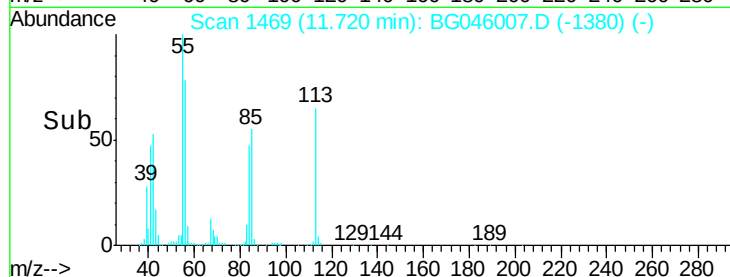
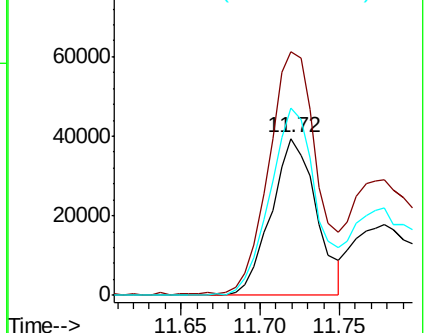
56 119.8 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 53.999 ng

RT: 12.08 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

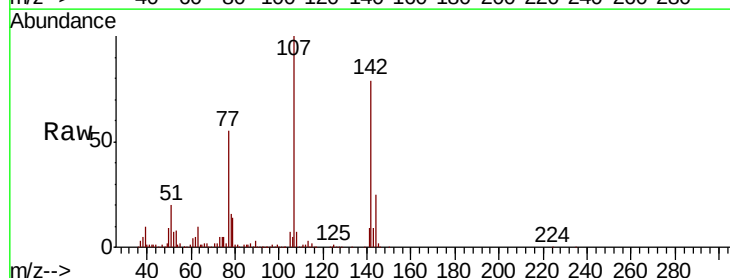
Tgt Ion:107 Resp: 479949

Ion Ratio Lower Upper

107 100

144 24.9 20.0 30.0

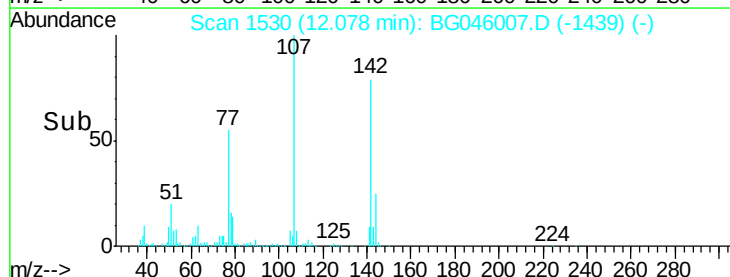
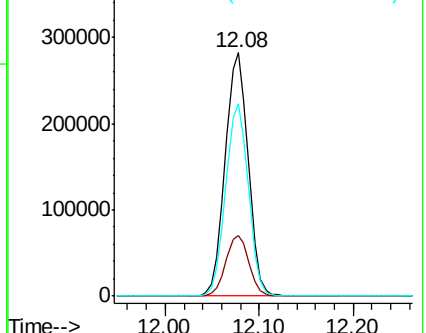
142 79.1 61.1 91.7

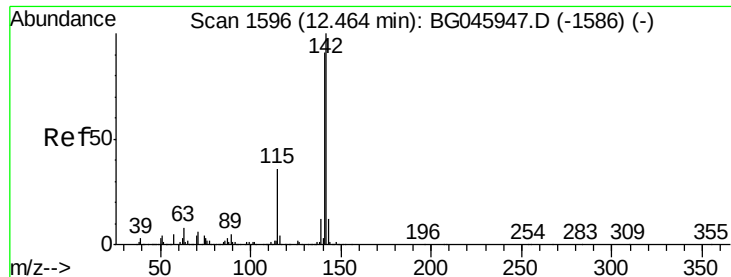


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

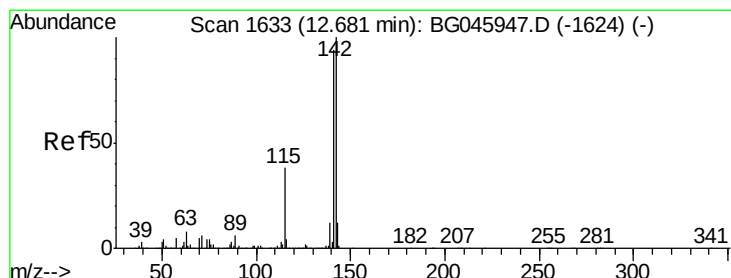
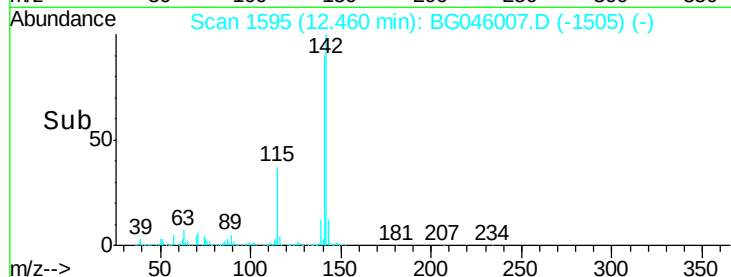
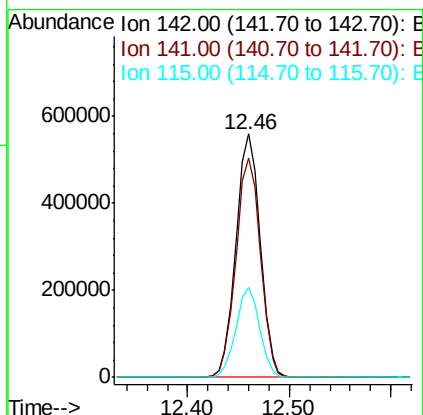
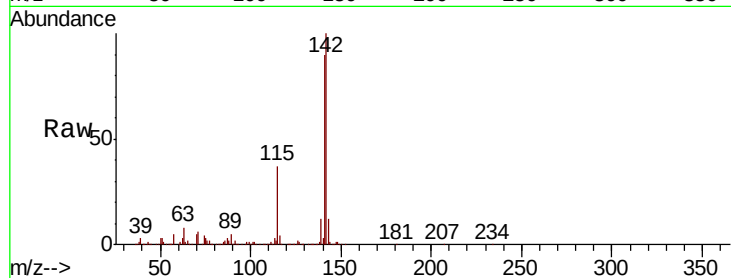




#37
 2-Methylnaphthalene
 Concen: 48.754 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

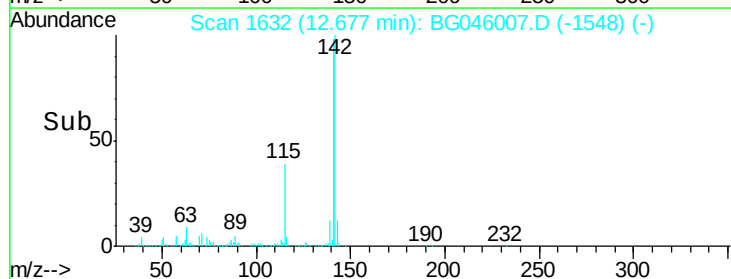
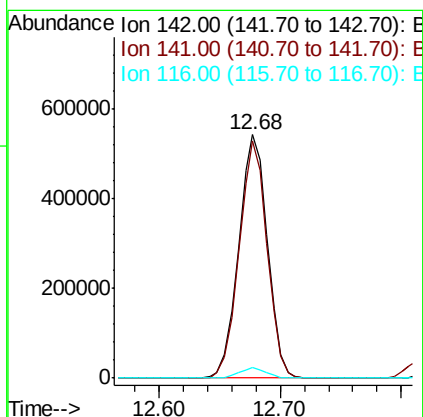
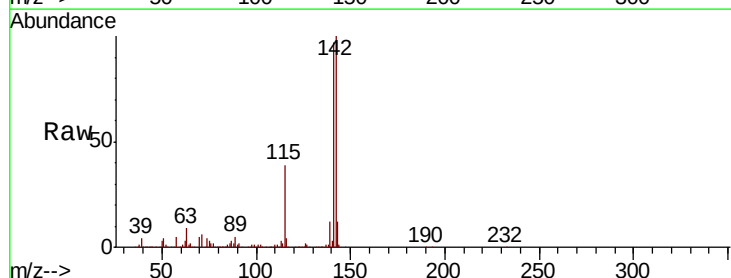
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

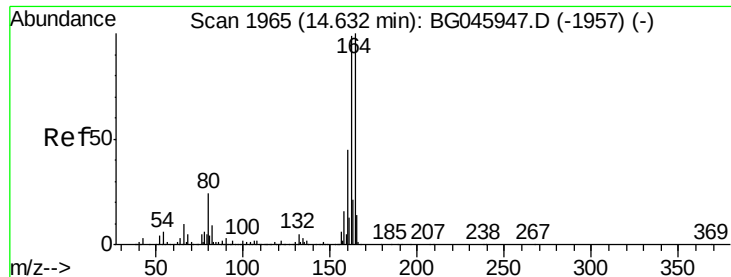
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.0	109.6
115	37.0	28.8	43.2



#38
 1-Methylnaphthalene
 Concen: 49.781 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.5	75.2	112.8
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampled :

MH-D19MS

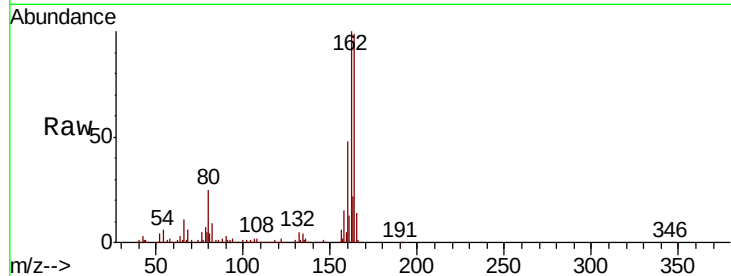
Tot Ion:164 Resp: 319660

Ion Ratio Lower Upper

164 100

162 100.9 79.3 118.9

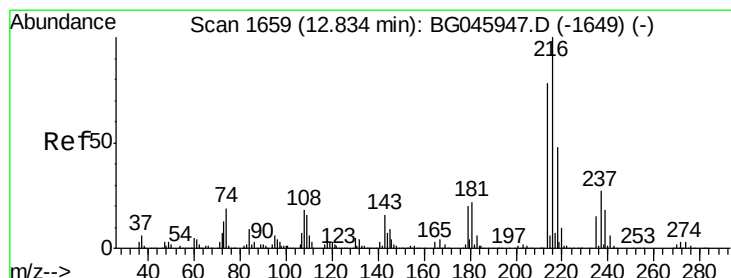
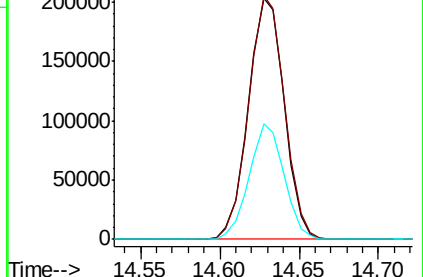
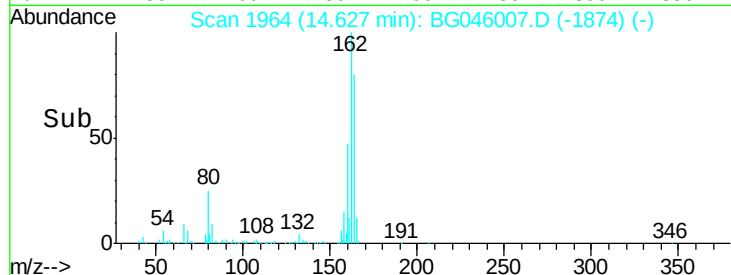
160 48.0 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.260 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Tgt Ion:216 Resp: 398826

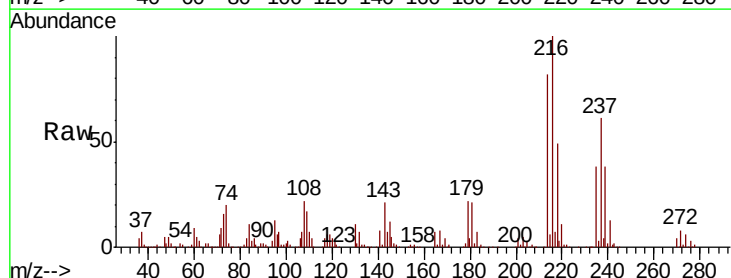
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 21.4 17.0 25.6

108 24.9 17.3 25.9

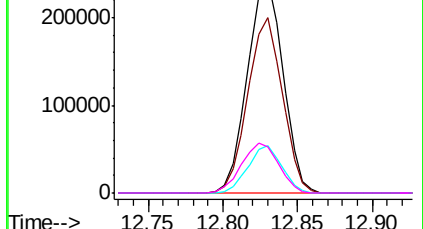
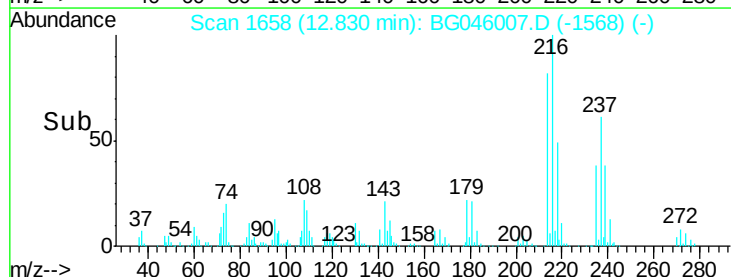


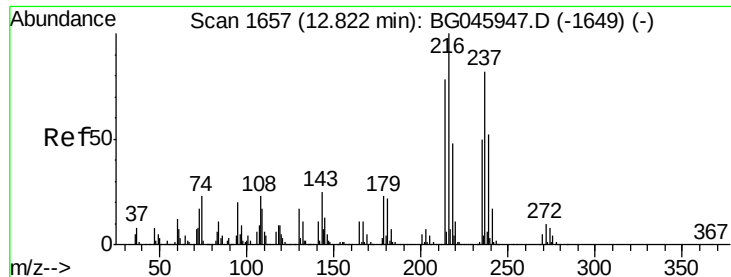
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.359 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

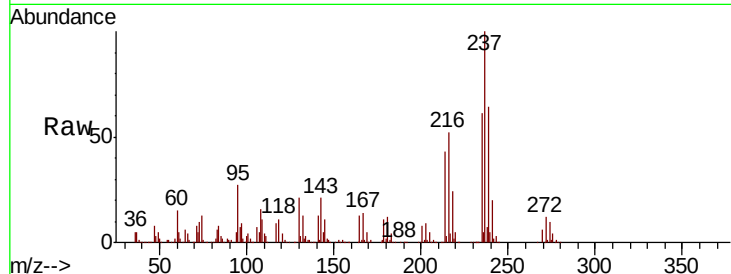
Tot Ion:237 Resp: 461742

Ion Ratio Lower Upper

237 100

235 61.4 41.5 81.5

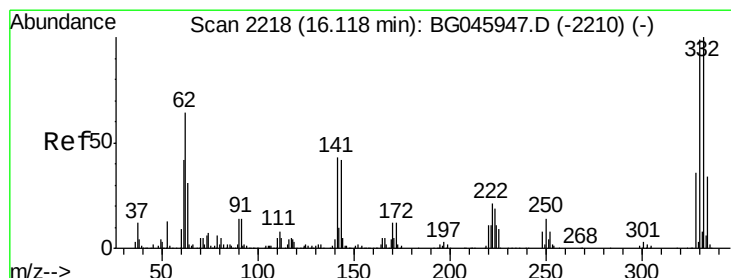
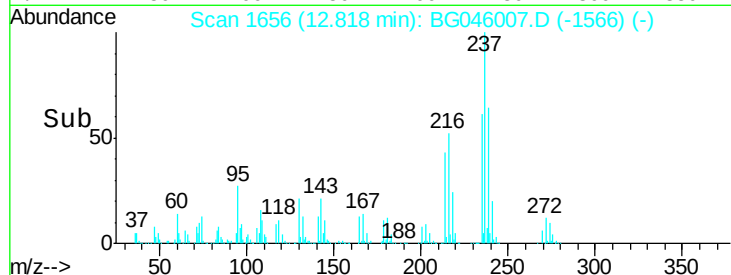
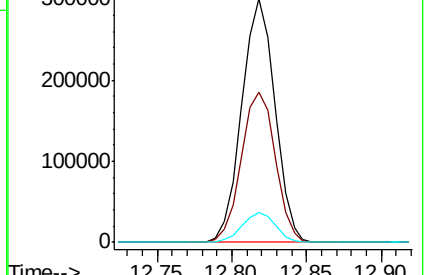
272 12.4 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 167.857 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

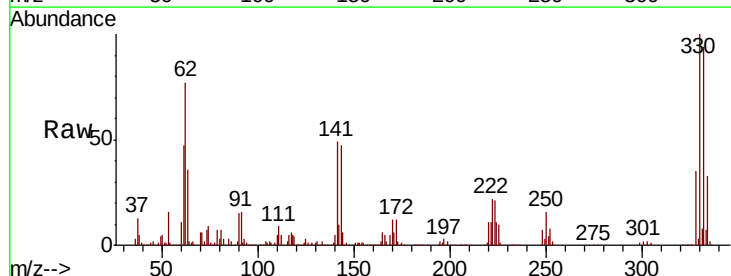
Tgt Ion:330 Resp: 497994

Ion Ratio Lower Upper

330 100

332 96.5 78.3 117.5

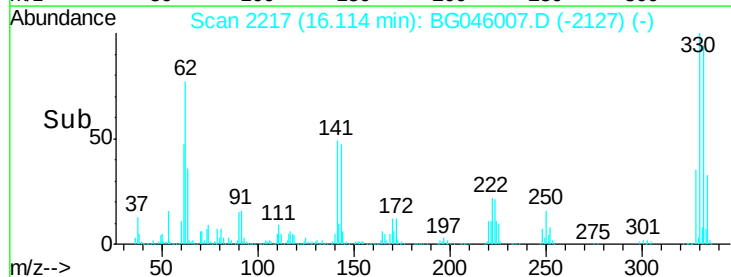
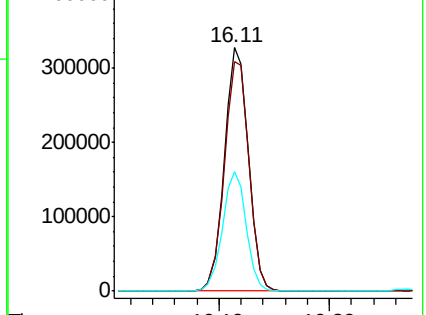
141 48.3 36.6 54.8

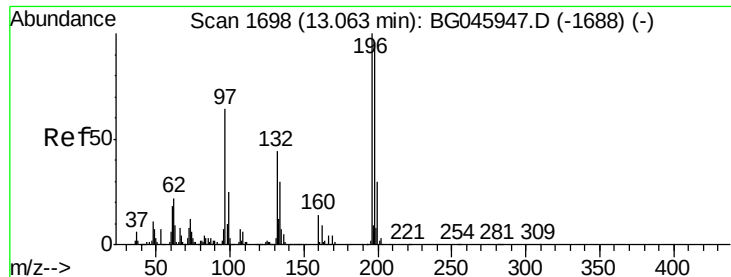


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

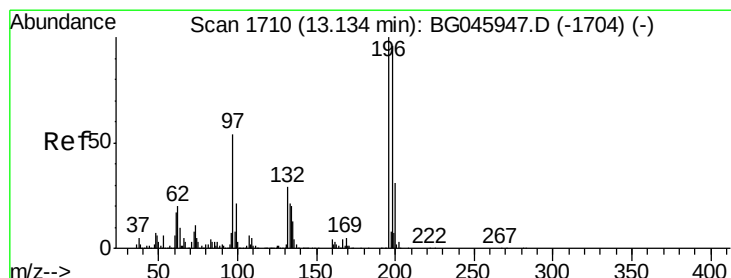
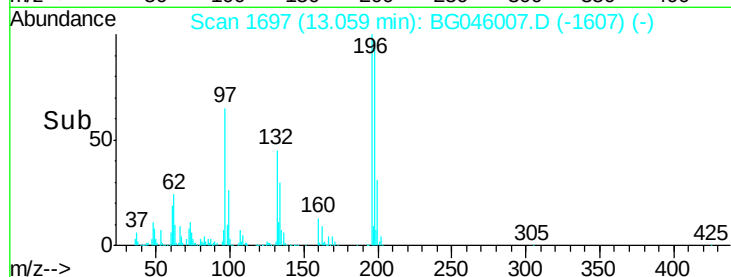
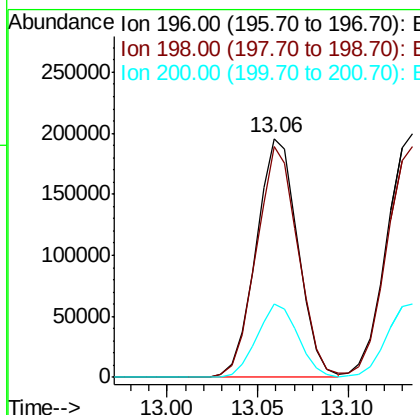
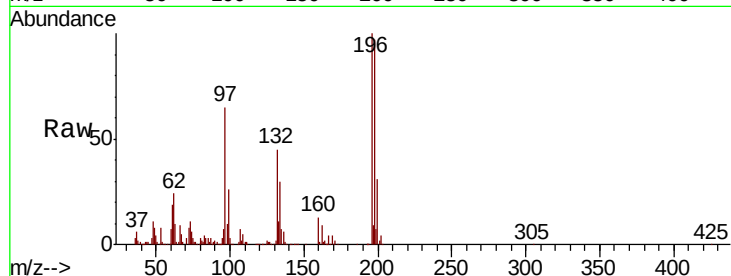




#43
 2,4,6-Trichlorophenol
 Concen: 51.733 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

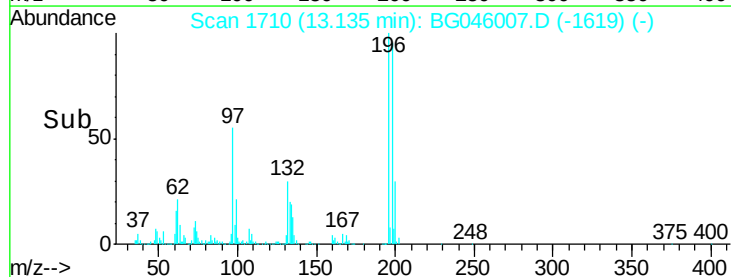
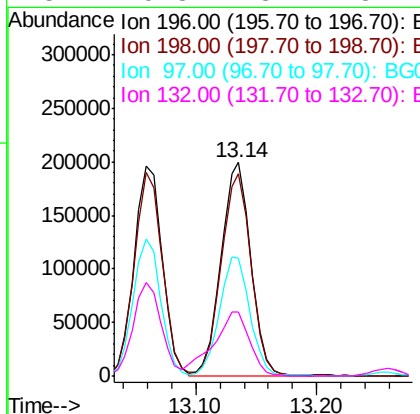
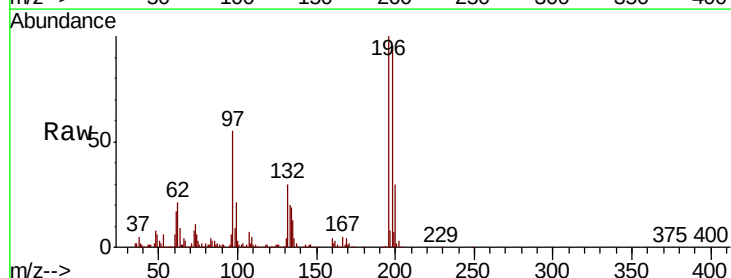
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

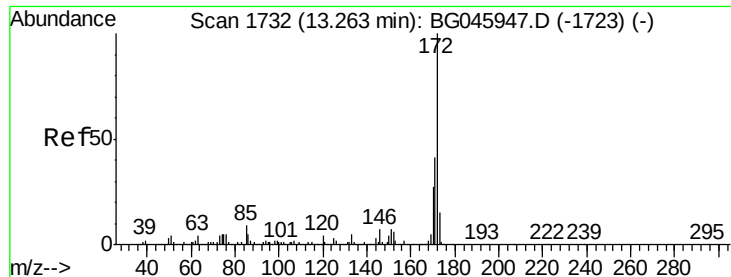
Tot Ion:196 Resp: 315267
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.7 115.1
 200 31.0 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 49.171 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion:196 Resp: 338808
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.0 115.6
 97 55.3 44.3 66.5
 132 29.8 23.1 34.7

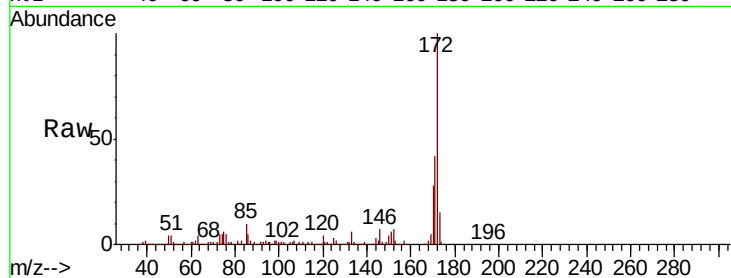




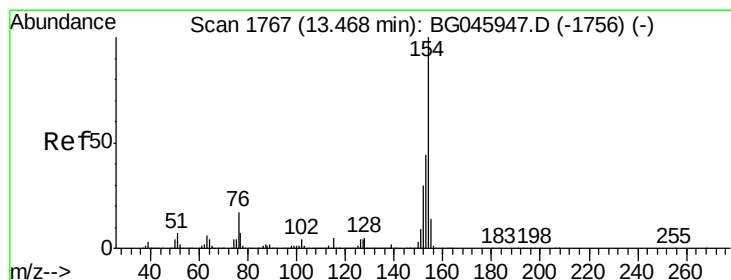
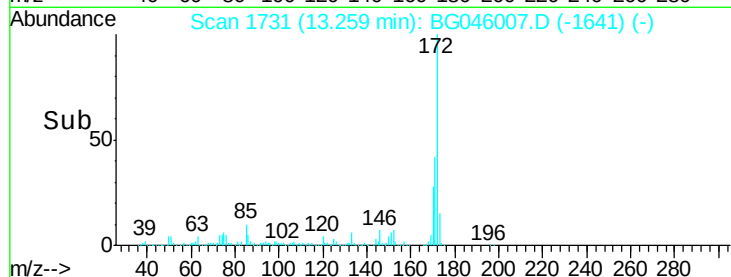
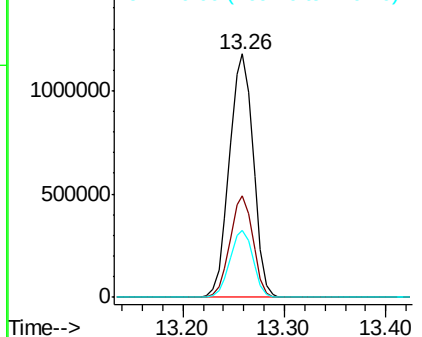
#45
2-Fluorobiphenyl
Concen: 93.714 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion:172 Resp: 1920502
Ion Ratio Lower Upper
172 100
171 41.7 32.9 49.3
170 27.6 21.8 32.6

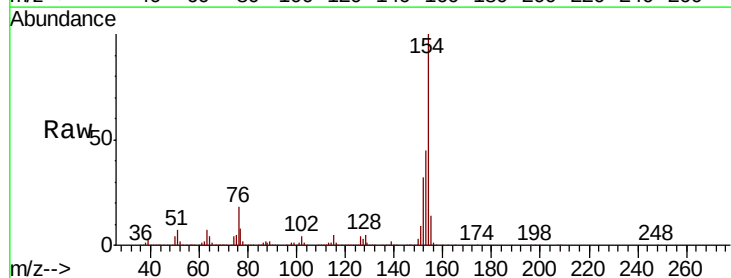


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

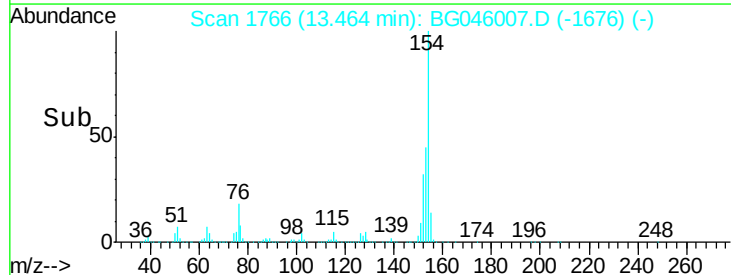
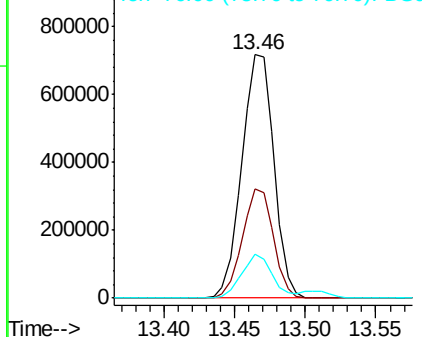


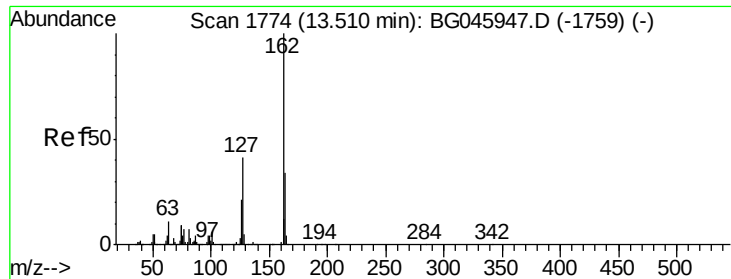
#46
1,1'-Biphenyl
Concen: 47.590 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:154 Resp: 1144381
Ion Ratio Lower Upper
154 100
153 44.7 23.6 63.6
76 17.9 0.0 36.9



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

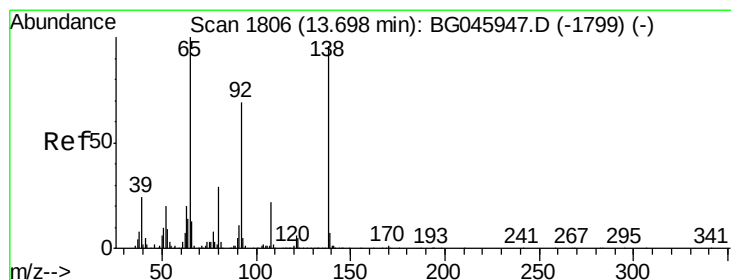
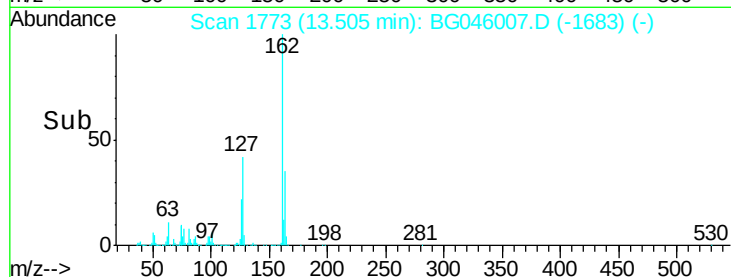
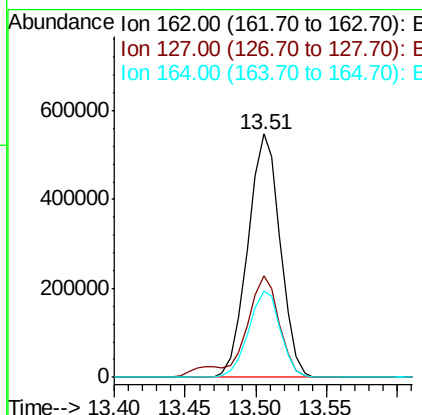
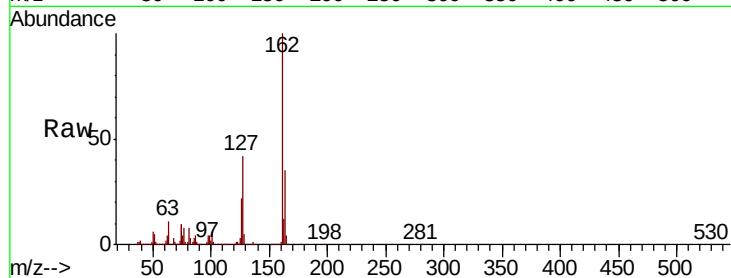




#47
 2-Chloronaphthalene
 Concen: 46.449 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

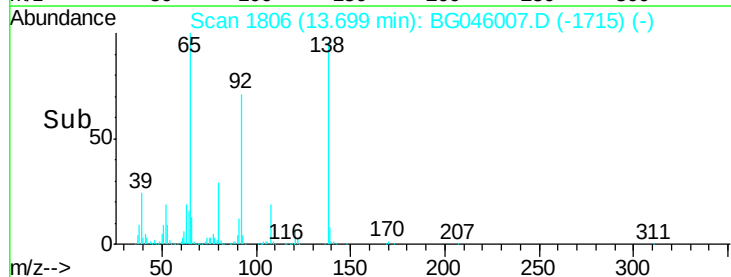
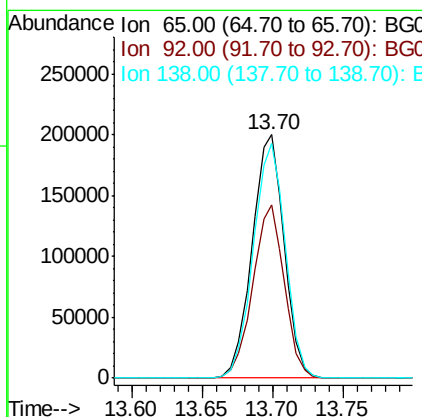
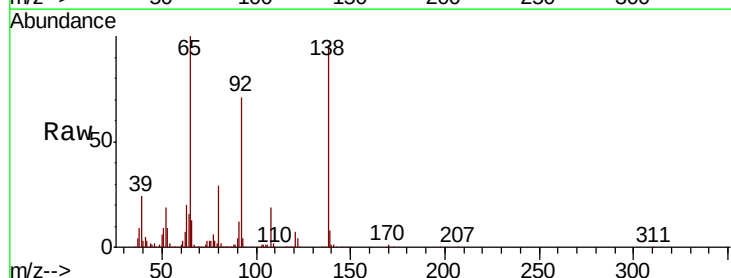
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

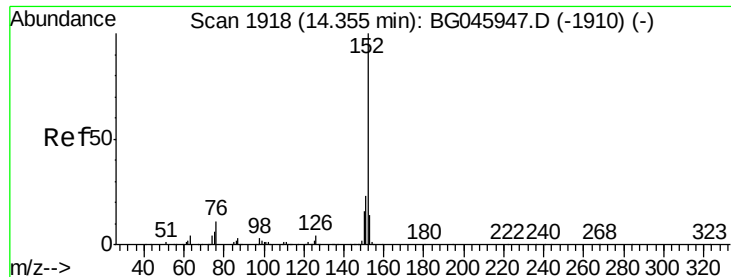
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.5	48.7
164	35.3	27.2	40.8



#48
 2-Nitroaniline
 Concen: 59.129 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	55.4	83.0
138	96.2	77.0	115.4





#49

Acenaphthylene

Concen: 47.373 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

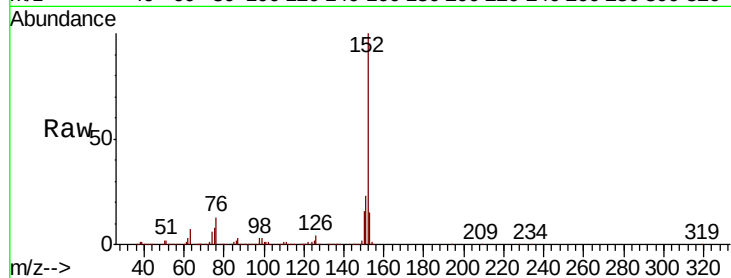
Tot Ion:152 Resp: 1450155

Ion Ratio Lower Upper

152 100

151 23.3 18.1 27.1

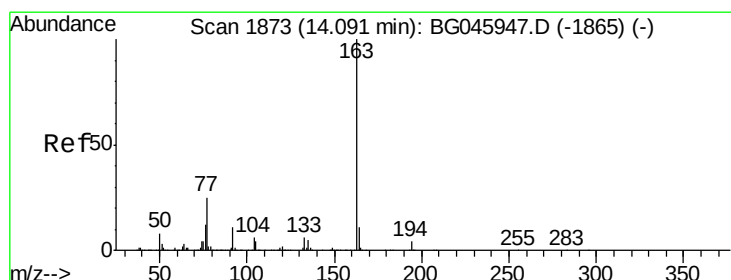
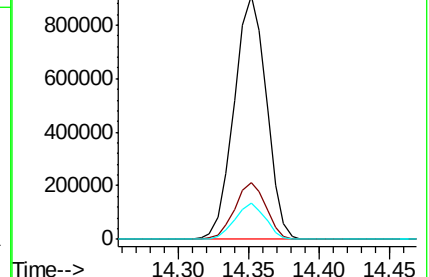
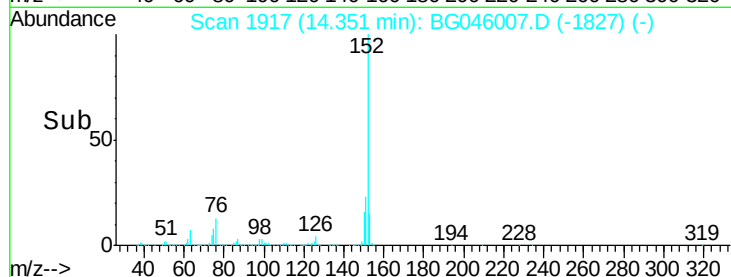
153 15.1 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.923 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

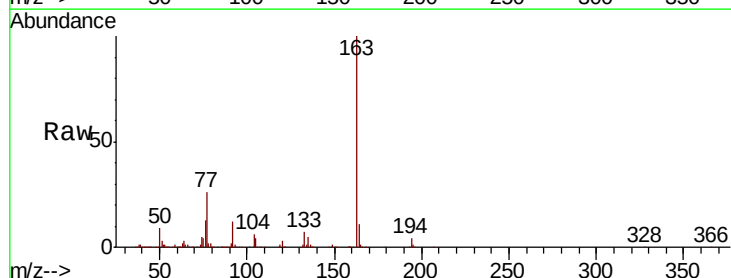
Tgt Ion:163 Resp: 1197645

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

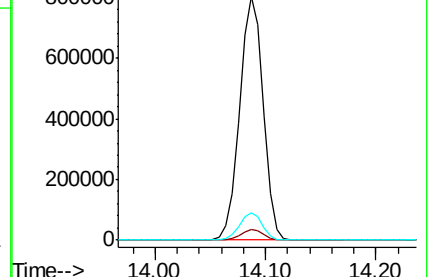
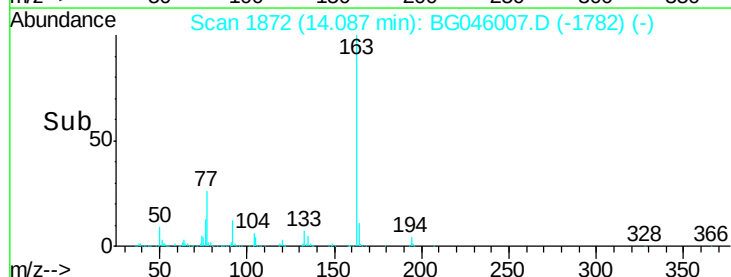
164 11.2 8.9 13.3

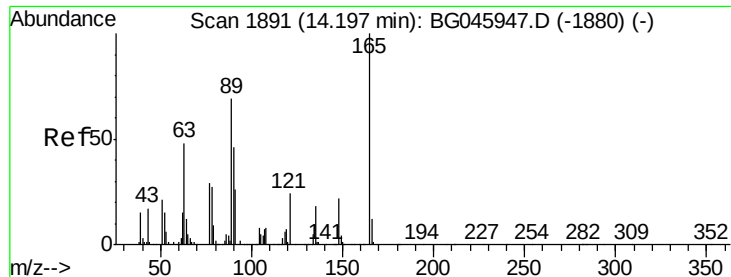


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

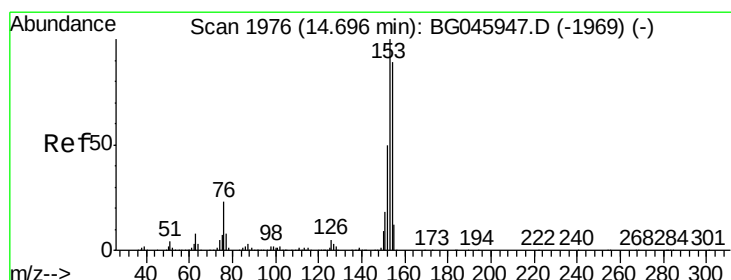
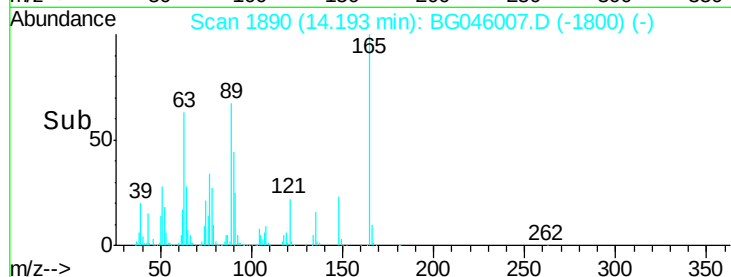
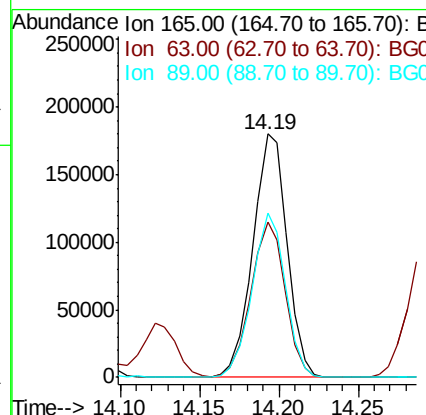
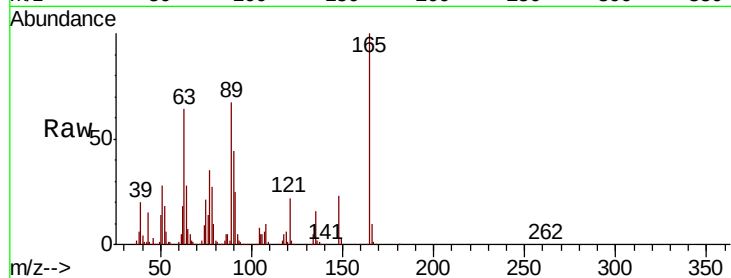




#51
 2,6-Dinitrotoluene
 Concen: 61.921 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

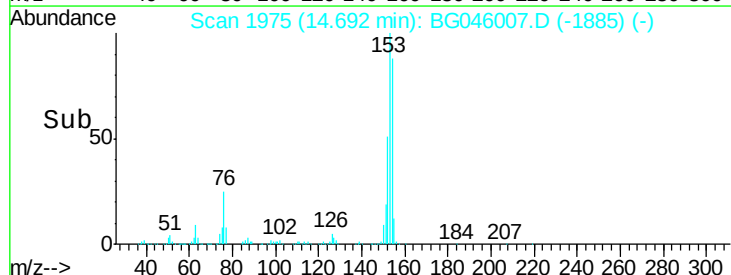
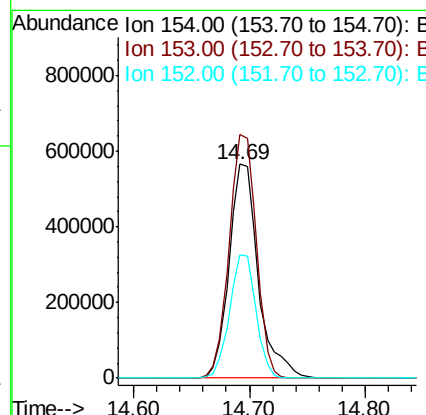
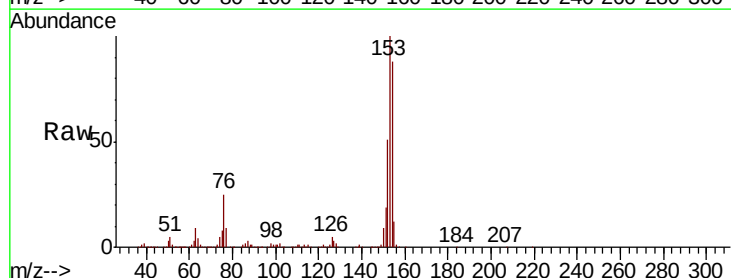
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

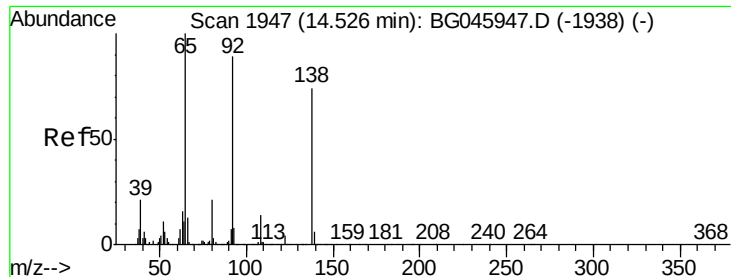
Tot Ion:165 Resp: 270114
 Ion Ratio Lower Upper
 165 100
 63 63.8 51.0 76.4
 89 67.3 55.7 83.5



#52
 Acenaphthene
 Concen: 51.421 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion:154 Resp: 992870
 Ion Ratio Lower Upper
 154 100
 153 114.0 89.7 134.5
 152 57.7 44.7 67.1

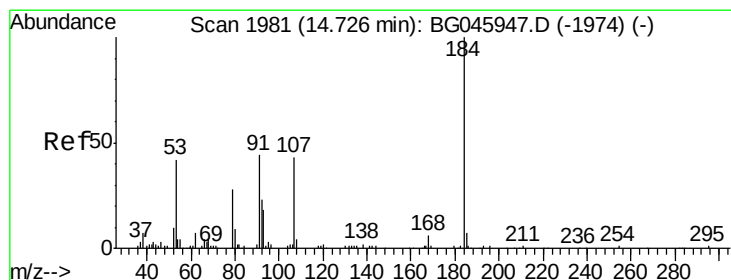
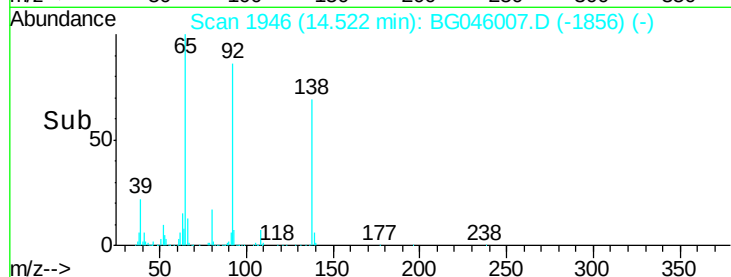
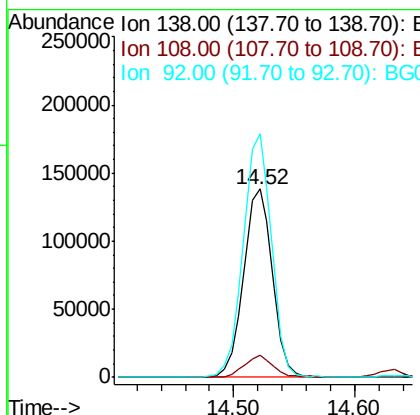
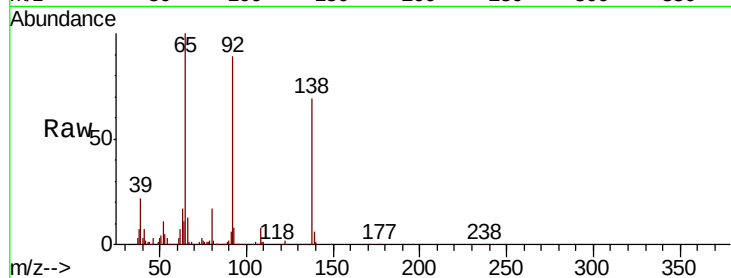




#53
3-Nitroaniline
Concen: 43.864 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

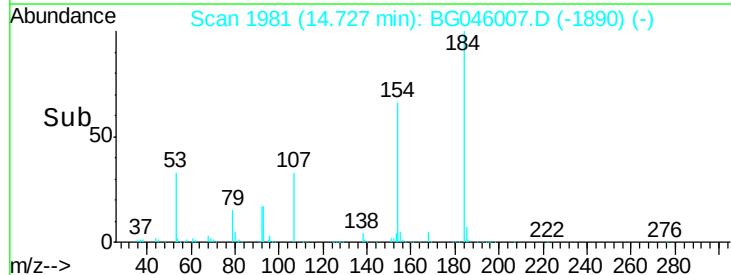
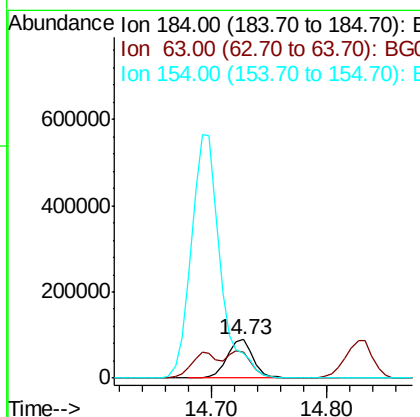
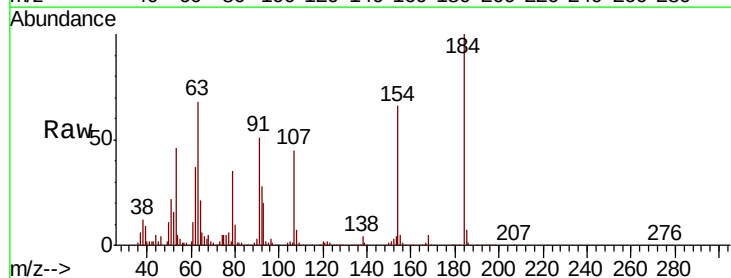
Instrument :
BNA_G
ClientSampleId :
MH-D19MS

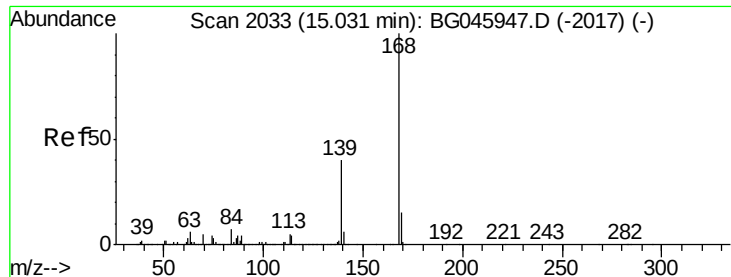
Tot Ion:138 Resp: 229496
Ion Ratio Lower Upper
138 100
108 12.0 15.4 23.2#
92 129.2 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 87.183 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:184 Resp: 140896
Ion Ratio Lower Upper
184 100
63 68.4 46.0 69.0
154 65.6 58.2 87.2

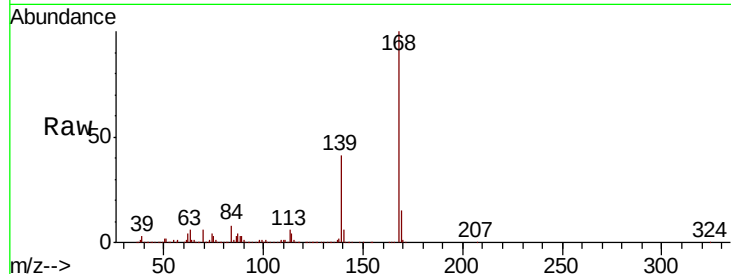




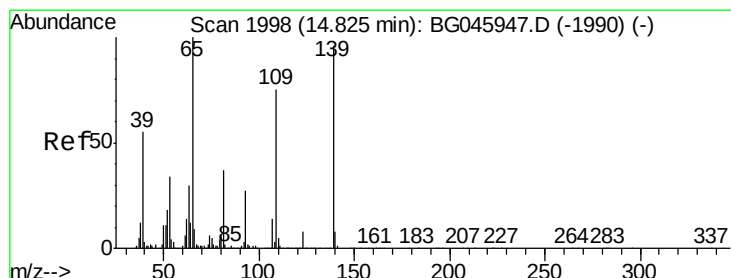
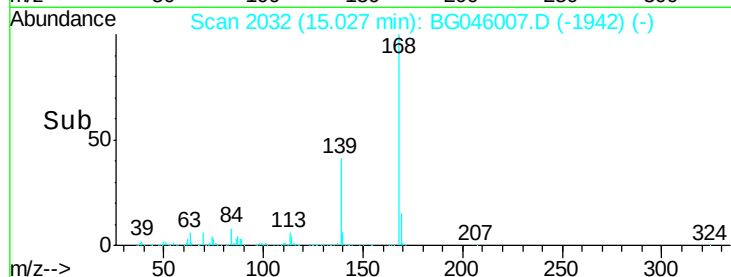
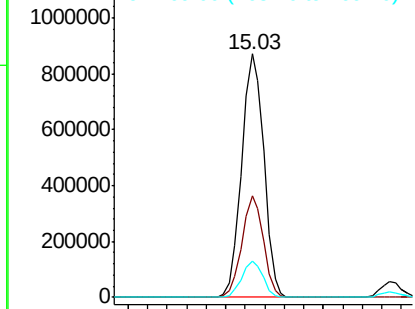
#55
Dibenzofuran
Concen: 48.351 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion:168 Resp: 1368500
Ion Ratio Lower Upper
168 100
139 41.5 32.2 48.2
169 14.7 11.8 17.8

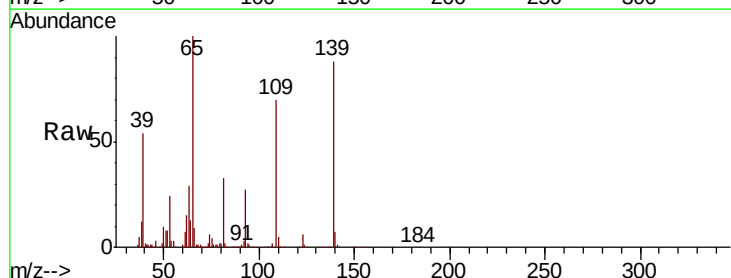


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

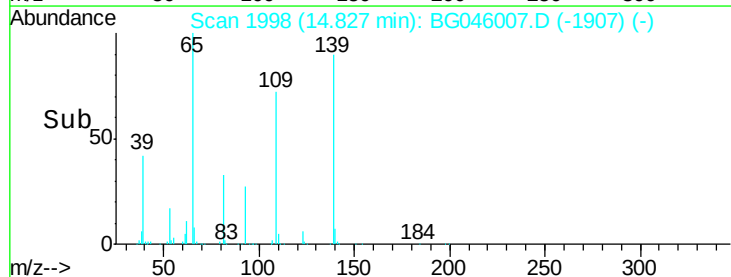
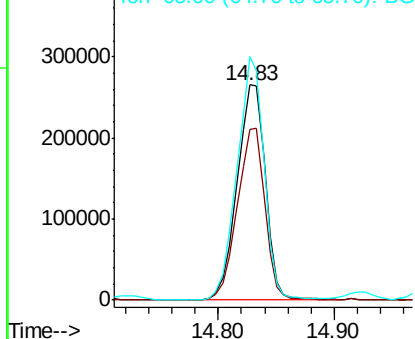


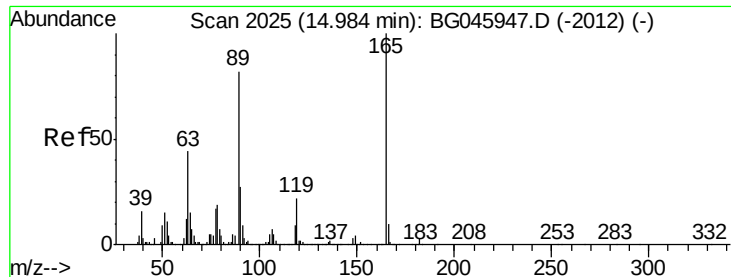
#56
4-Nitrophenol
Concen: 114.944 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:139 Resp: 449250
Ion Ratio Lower Upper
139 100
109 79.6 58.5 98.5
65 113.3 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): BG0





#57

2,4-Dinitrotoluene

Concen: 66.829 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

Tot Ion:165 Resp: 377323

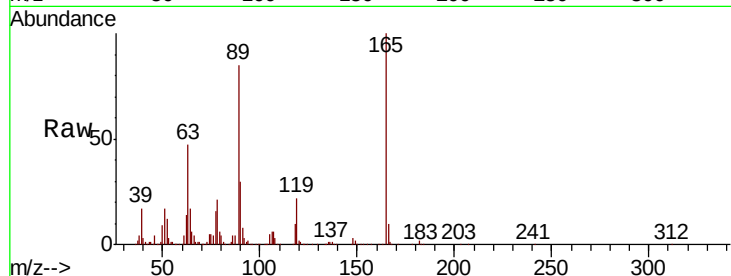
Ion Ratio Lower Upper

165 100

63 47.0 35.4 53.0

89 85.1 65.4 98.2

182 2.5 2.0 3.0

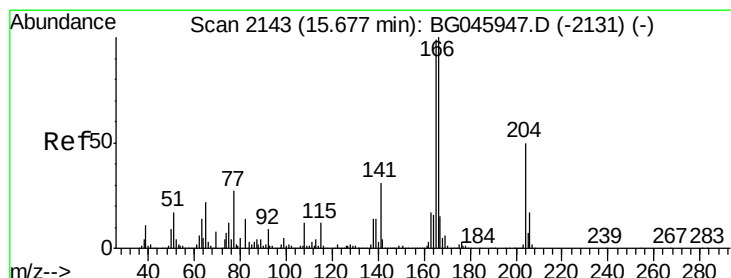
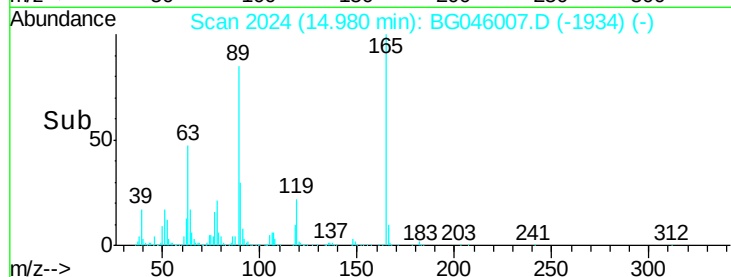
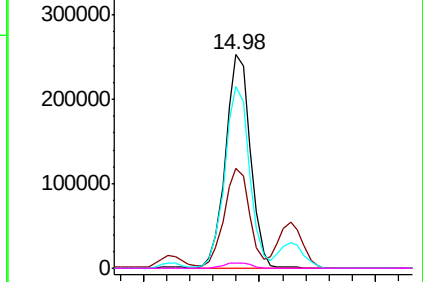


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.654 ng

RT: 15.68 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

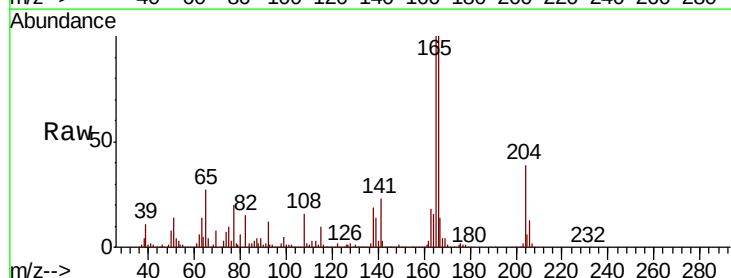
Tgt Ion:166 Resp: 1152912

Ion Ratio Lower Upper

166 100

165 99.7 78.9 118.3

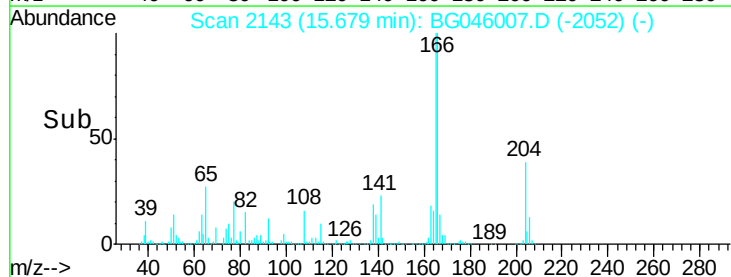
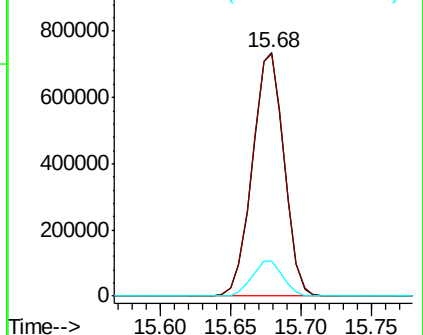
167 14.4 12.1 18.1

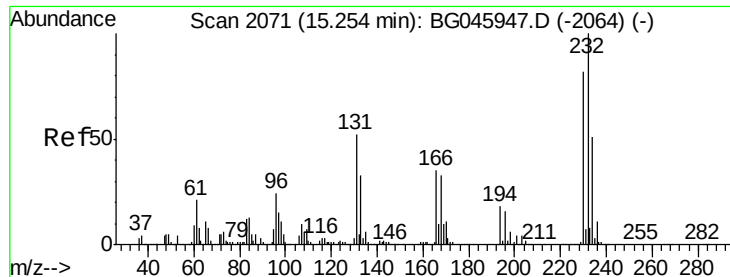


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 56.872 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.09 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

Tot Ion:232 Resp: 302554

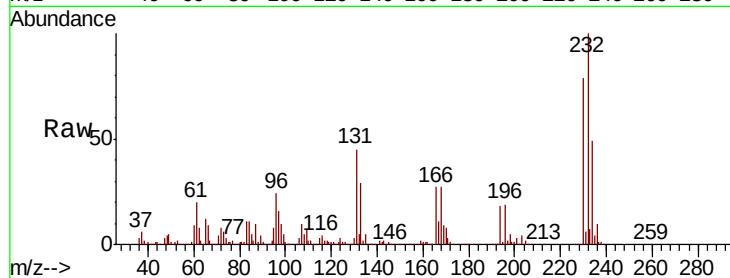
Ion Ratio Lower Upper

232 100

131 45.2 35.8 53.6

130 2.7 2.5 3.7

166 27.5 21.8 32.8

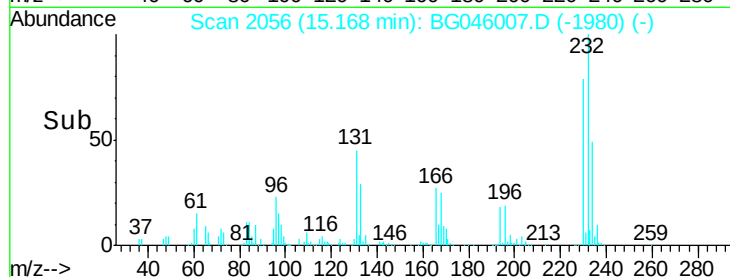


Abundance Ion 232.00 (231.70 to 232.70): E

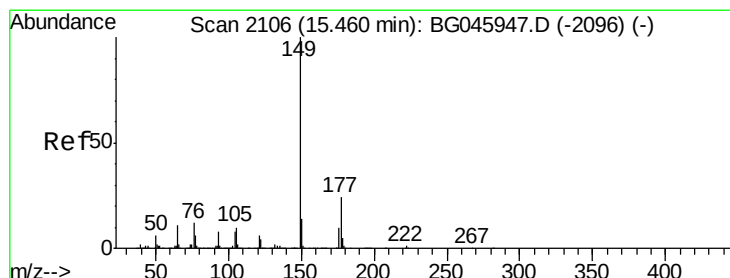
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 50.510 ng

RT: 15.46 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

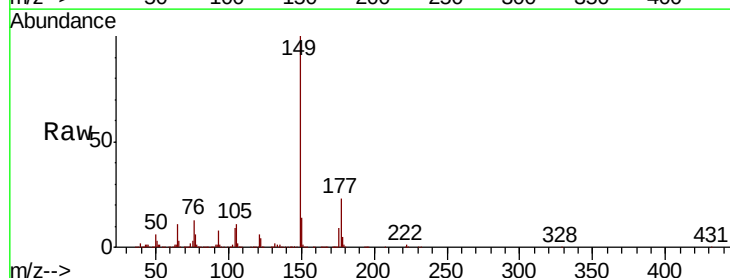
Tgt Ion:149 Resp: 1270765

Ion Ratio Lower Upper

149 100

177 23.5 19.0 28.4

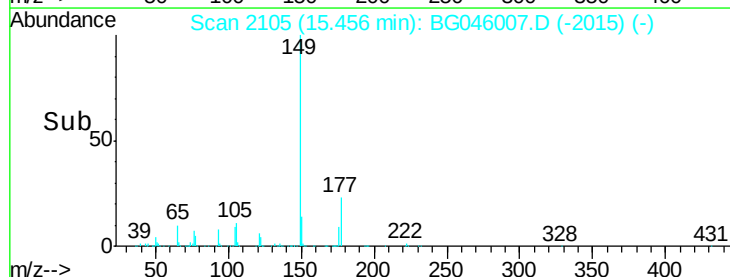
150 13.8 11.0 16.4



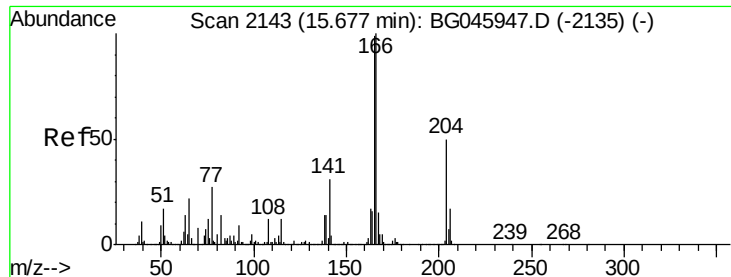
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



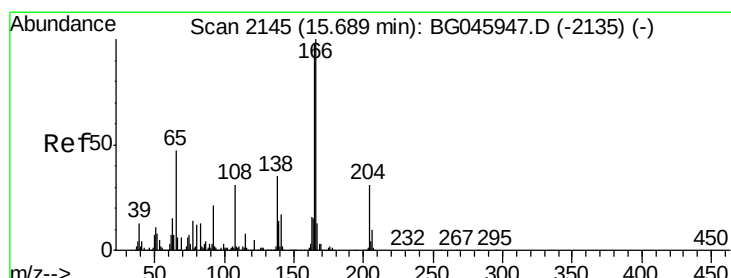
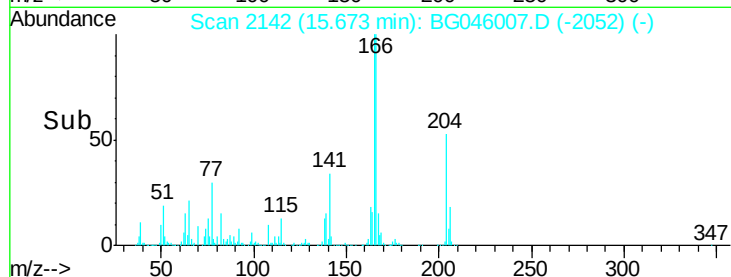
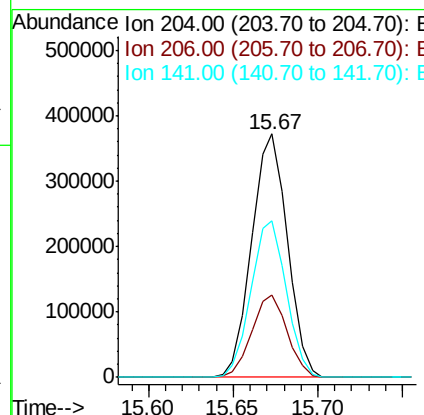
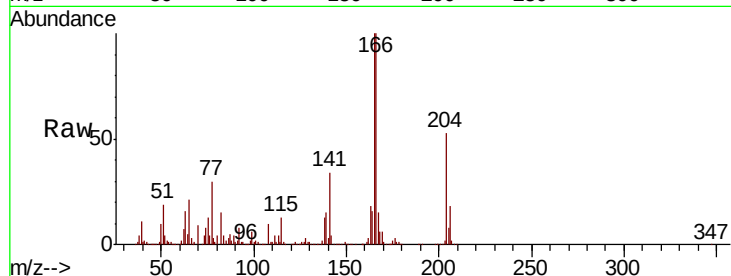
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 47.302 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

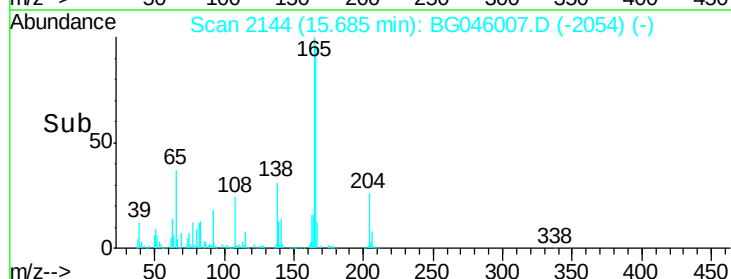
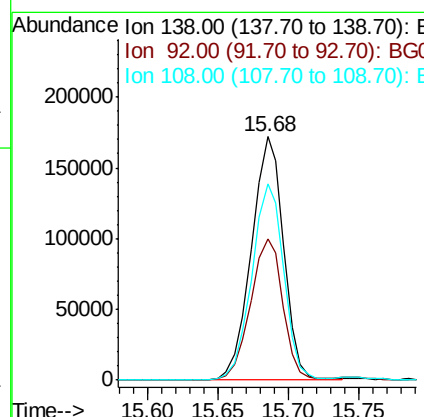
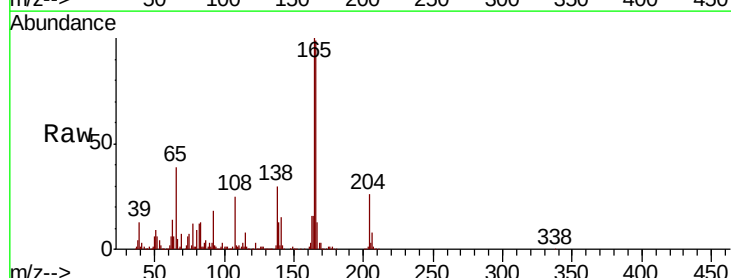
Instrument :
BNA_G
ClientSampleId :
MH-D19MS

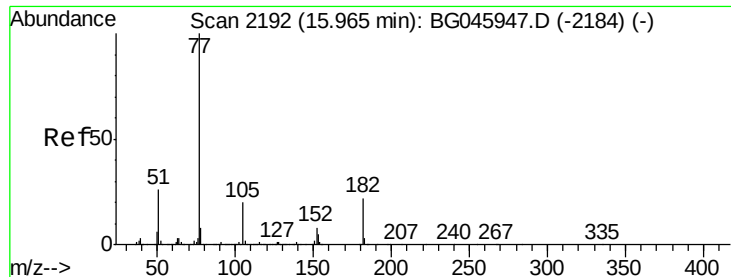
Tot Ion:204 Resp: 546398
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 64.1 49.8 74.8



#62
4-Nitroaniline
Concen: 55.617 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:138 Resp: 275762
Ion Ratio Lower Upper
138 100
92 58.0 40.3 80.3
108 80.5 68.0 108.0





#63

Azobenzene

Concen: 51.580 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

Tot Ion: 77 Resp: 1392798

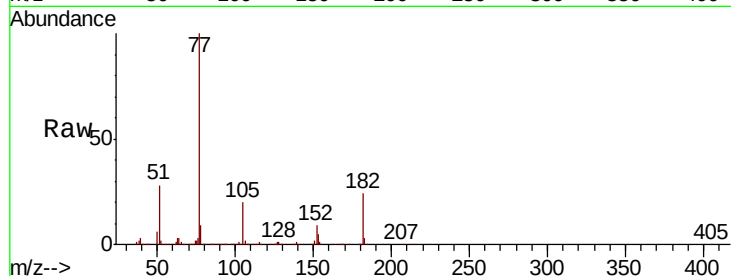
Ion Ratio Lower Upper

77 100

182 23.6 2.4 42.4

105 20.2 0.3 40.3

51 28.0 6.3 46.3

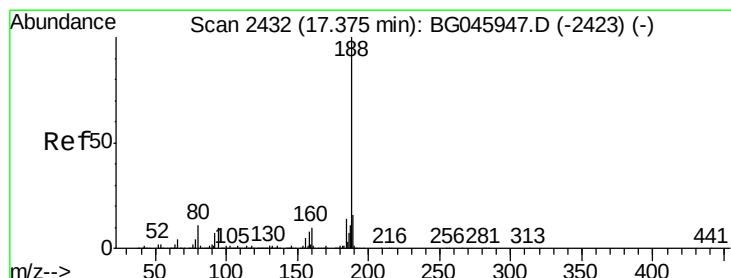
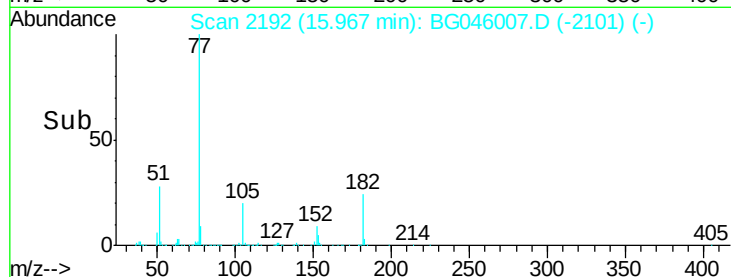
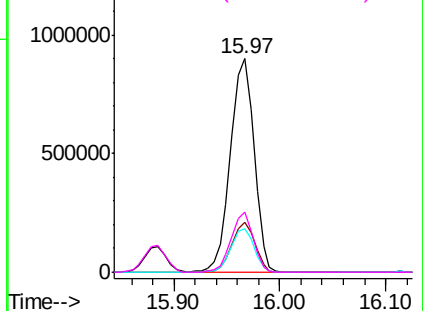


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2431

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

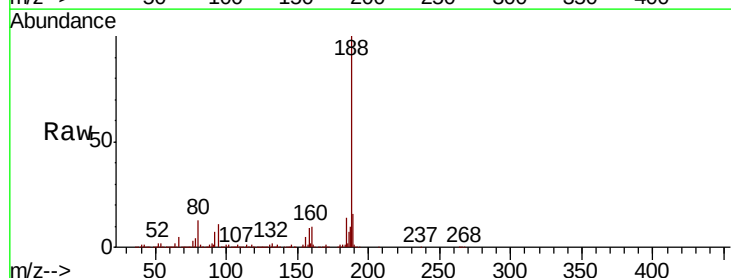
Tgt Ion: 188 Resp: 719071

Ion Ratio Lower Upper

188 100

94 11.0 8.2 12.4

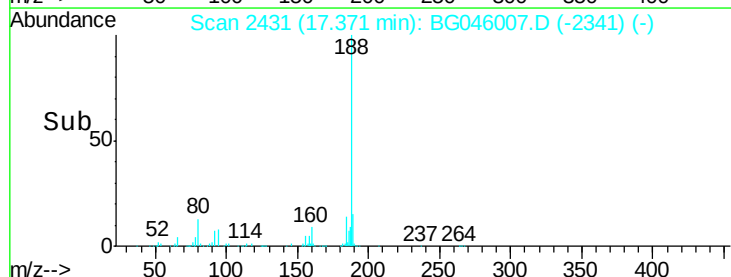
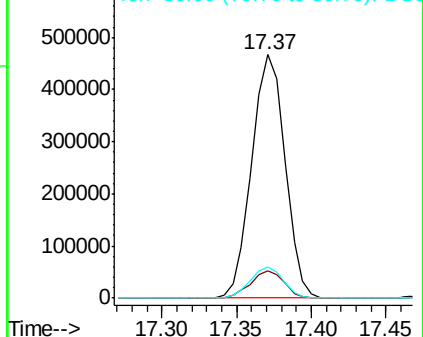
80 13.0 9.0 13.6

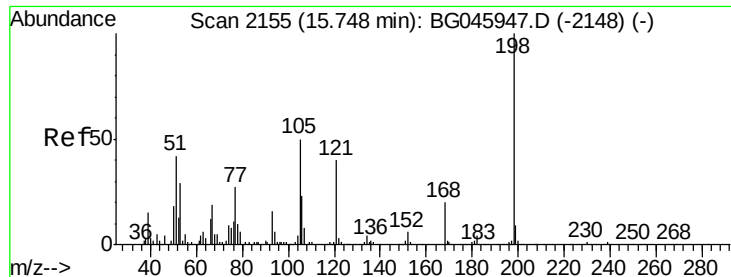


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 52.372 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

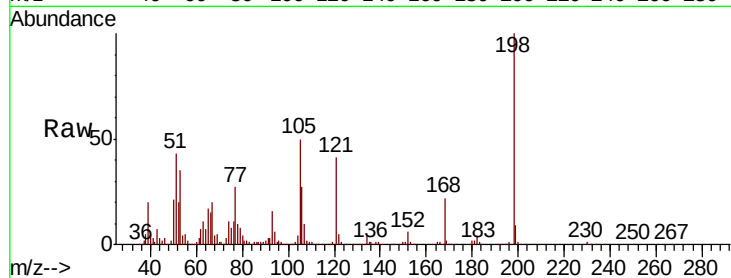
BNA_G

ClientSampleId :

MH-D19MS

Tot Ion:198 Resp: 131450

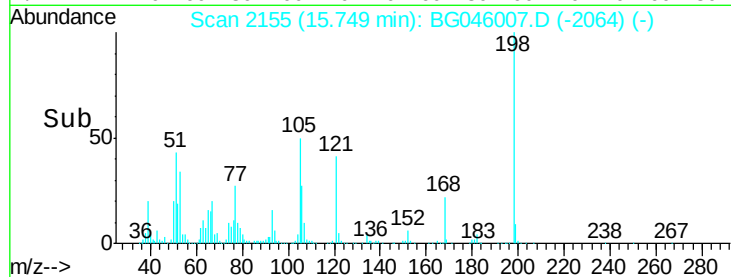
Ion	Ratio	Lower	Upper
198	100		
51	43.3	24.5	64.5
105	50.0	30.9	70.9



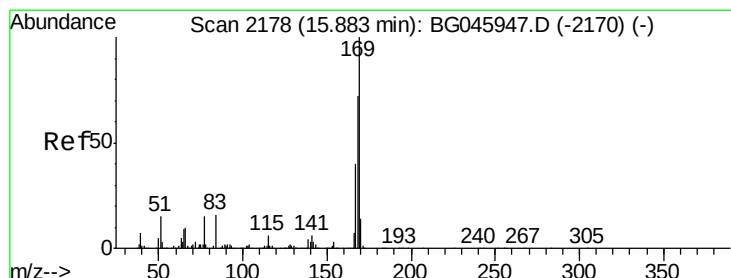
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045947.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 47.373 ng

RT: 15.88 min Scan# 2178

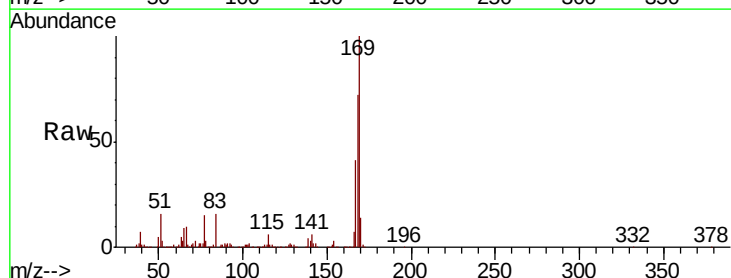
Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Tgt Ion:169 Resp: 1055608

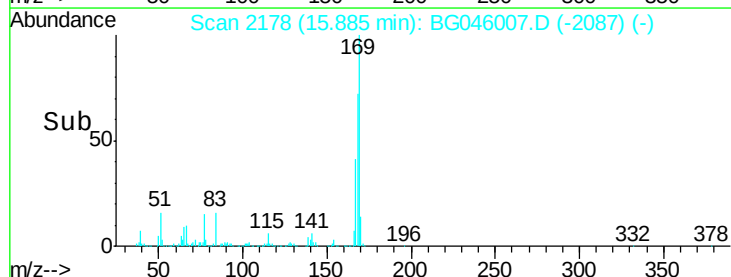
Ion	Ratio	Lower	Upper
169	100		
168	72.0	57.3	85.9
167	41.2	32.1	48.1



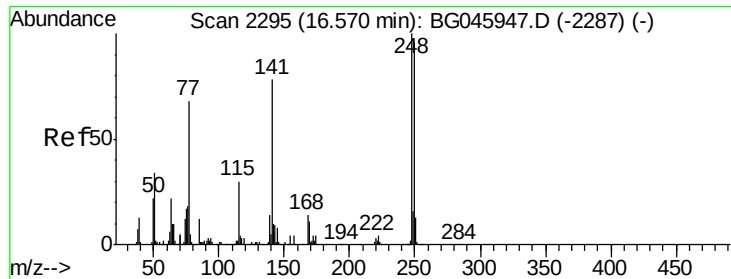
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



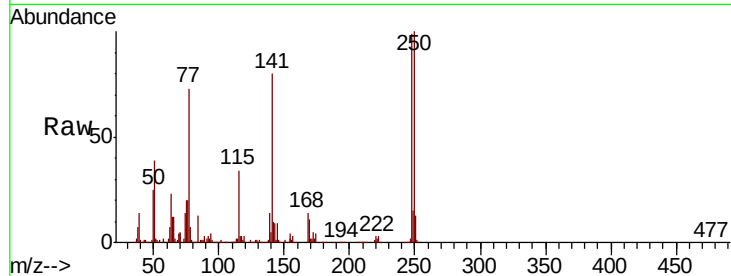
Time-->



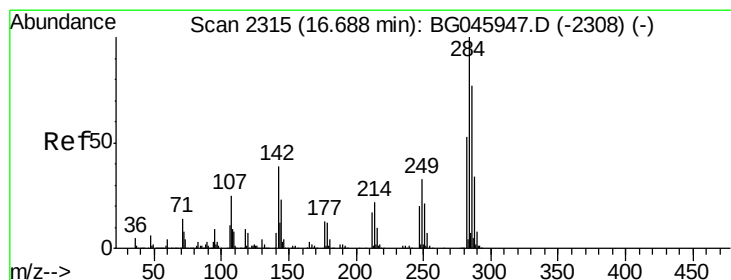
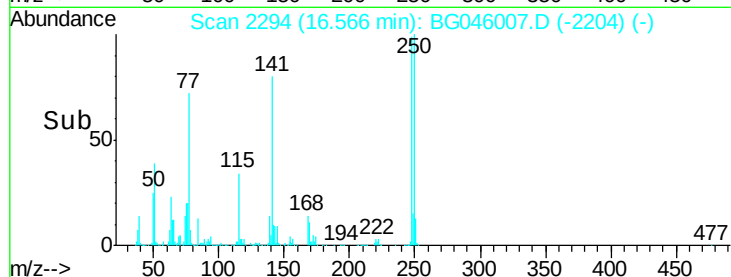
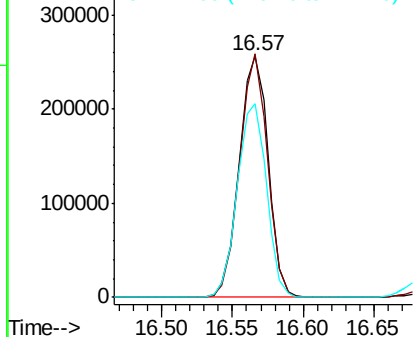
#67
4-Bromophenyl-phenylether
Concen: 45.782 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion:248 Resp: 367679
Ion Ratio Lower Upper
248 100
250 100.9 76.6 114.8
141 80.3 62.7 94.1

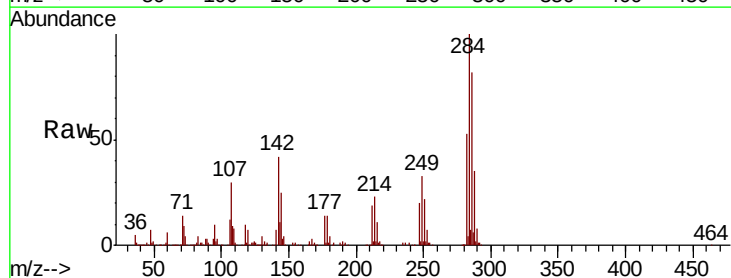


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

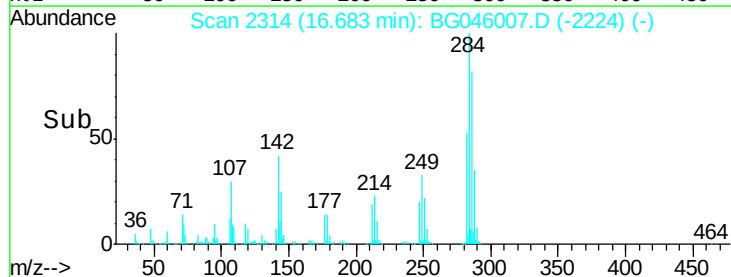
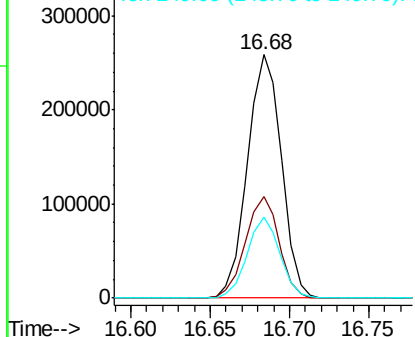


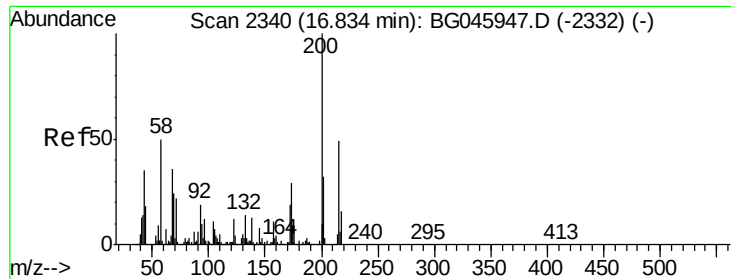
#68
Hexachlorobenzene
Concen: 47.705 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:284 Resp: 384456
Ion Ratio Lower Upper
284 100
142 41.8 31.3 46.9
249 33.5 26.8 40.2



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





#69

Atrazine

Concen: 54.955 ng

RT: 16.84 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

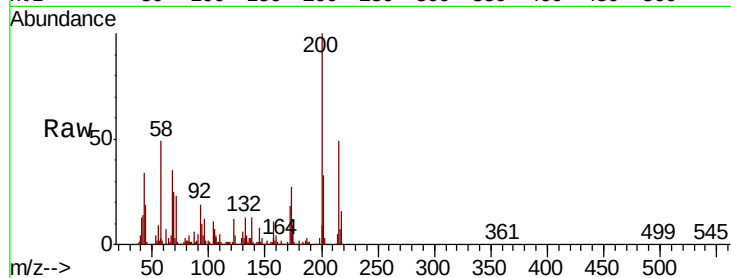
Tot Ion:200 Resp: 362048

Ion Ratio Lower Upper

200 100

173 26.8 9.1 49.1

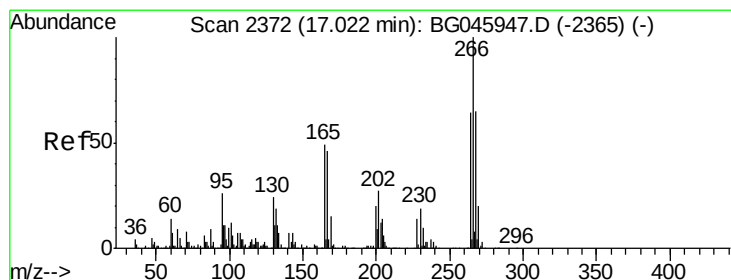
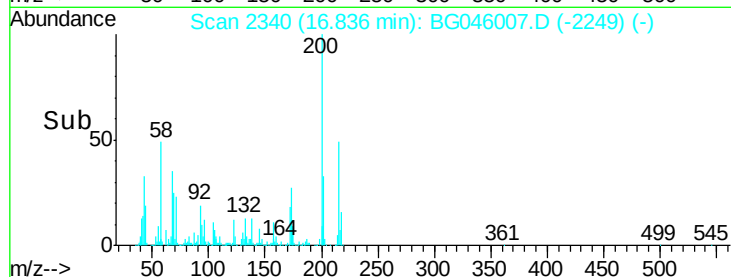
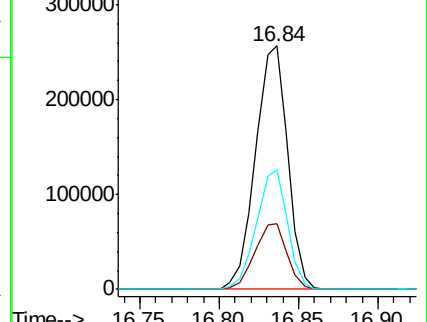
215 49.1 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 105.072 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

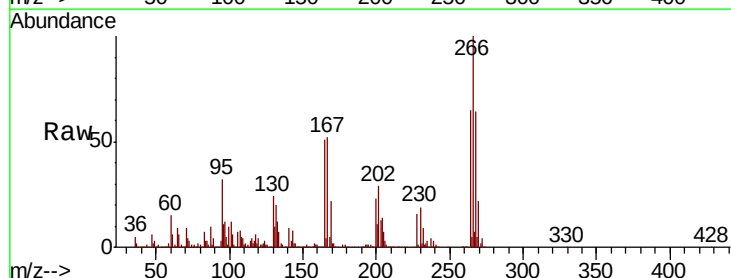
Tgt Ion:266 Resp: 470792

Ion Ratio Lower Upper

266 100

268 64.1 51.8 77.8

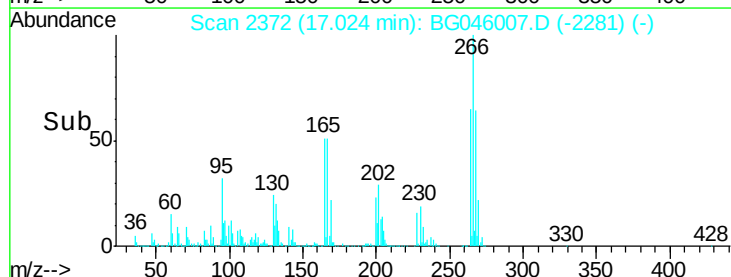
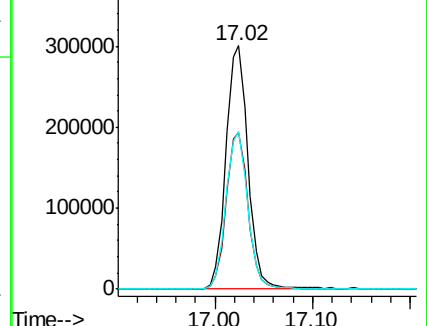
264 64.9 51.4 77.0

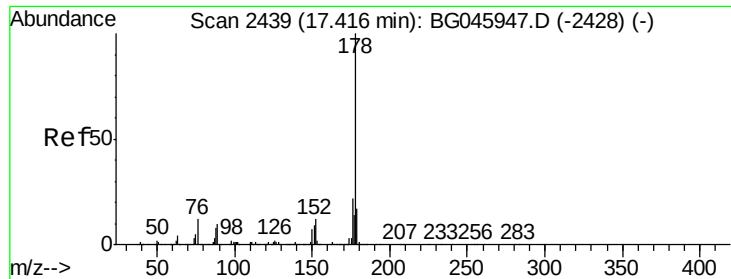


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

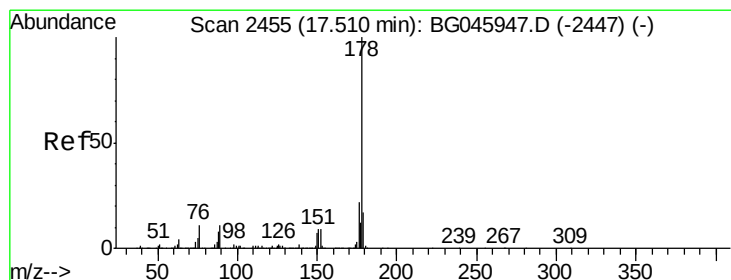
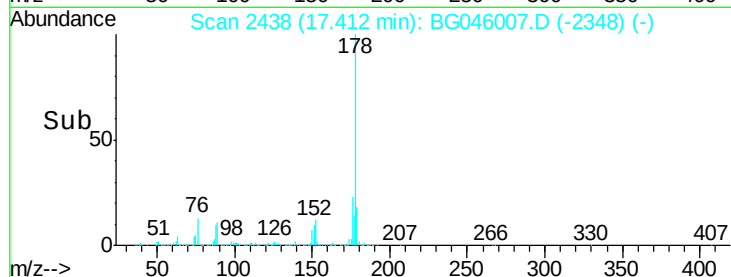
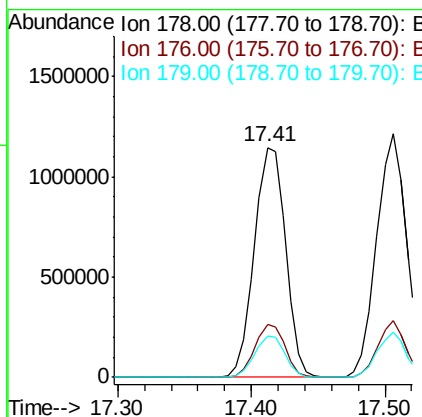
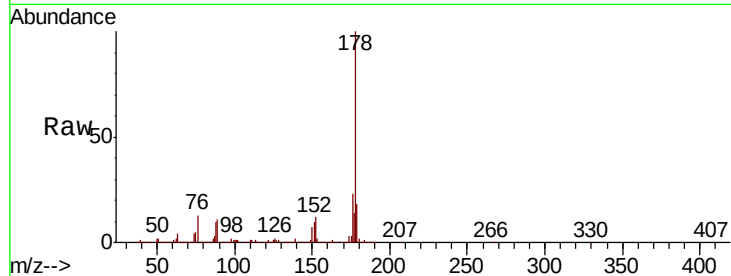




#71
Phenanthrene
Concen: 48.570 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

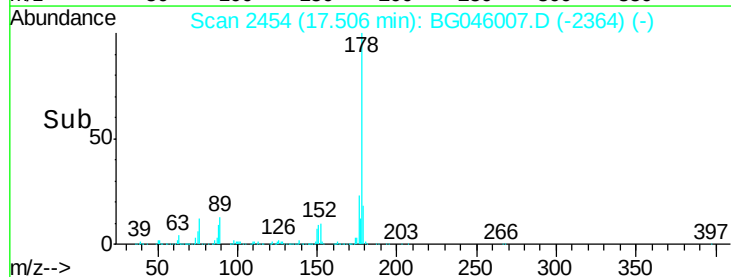
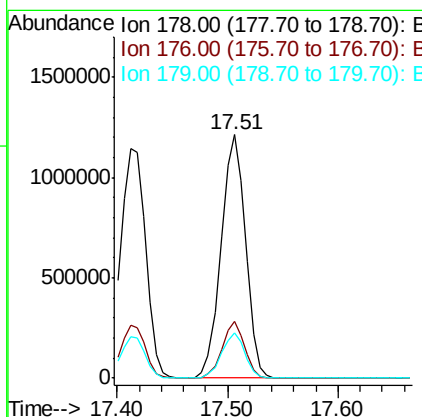
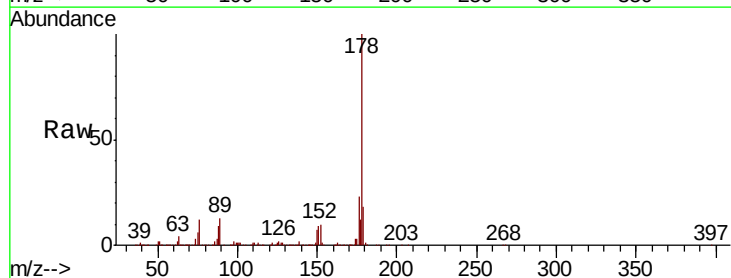
Instrument :
BNA_G
ClientSampleId :
MH-D19MS

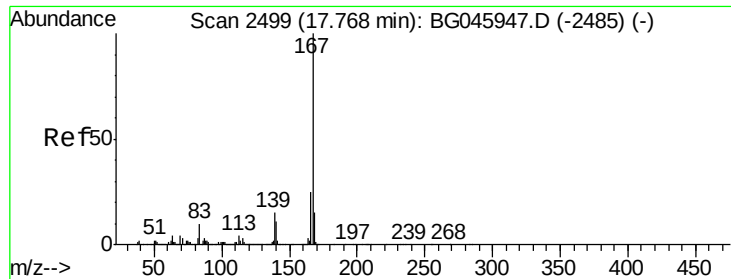
Tot Ion:178 Resp: 1846422
Ion Ratio Lower Upper
178 100
176 22.7 17.4 26.2
179 18.1 13.4 20.2



#72
Anthracene
Concen: 48.529 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:178 Resp: 1872217
Ion Ratio Lower Upper
178 100
176 23.1 17.2 25.8
179 18.4 14.0 21.0





#73

Carbazole

Concen: 47.236 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

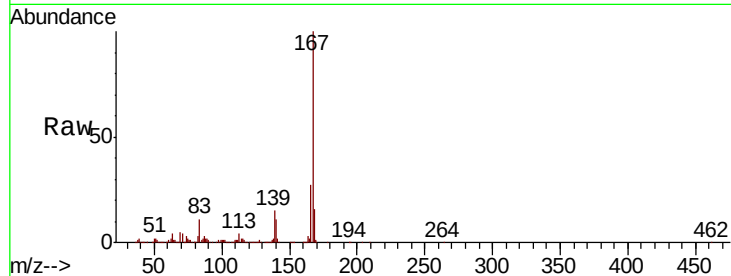
Tot Ion:167 Resp: 1826604

Ion Ratio Lower Upper

167 100

166 26.7 20.4 30.6

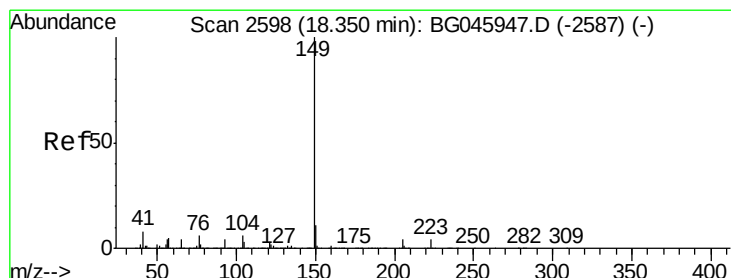
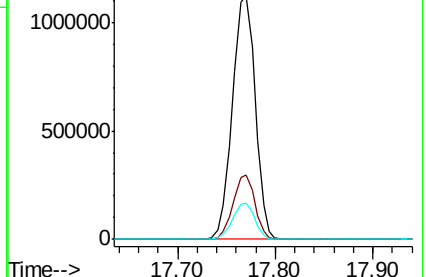
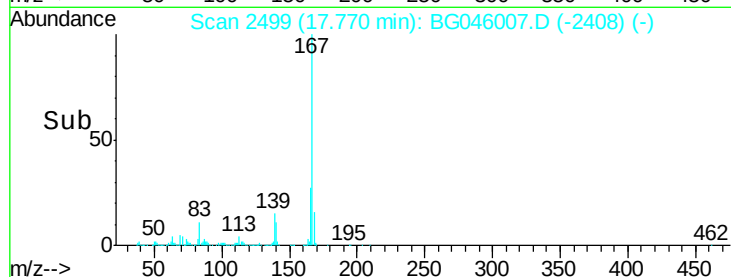
139 15.0 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.591 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

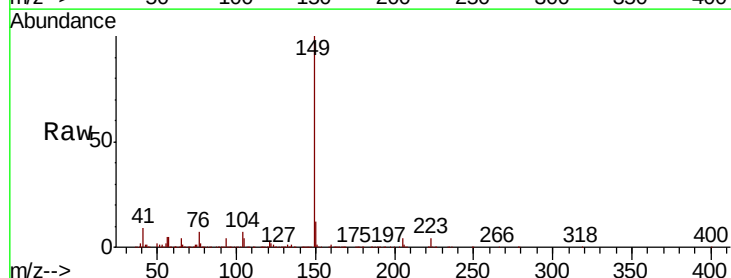
Tgt Ion:149 Resp: 2177164

Ion Ratio Lower Upper

149 100

150 11.7 9.0 13.4

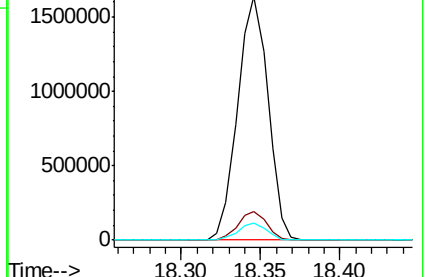
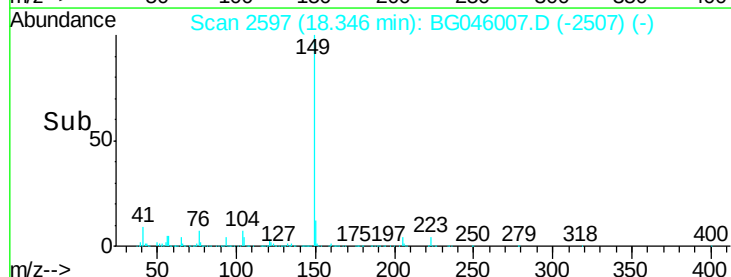
104 7.0 5.2 7.8

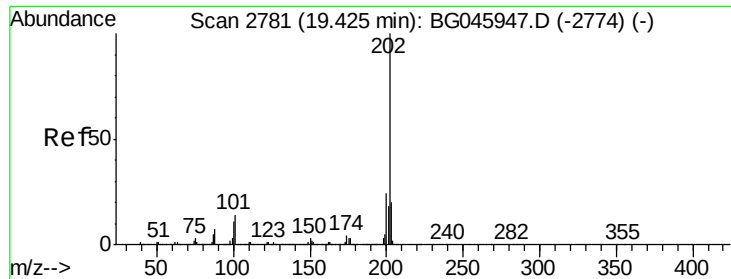


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.635 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

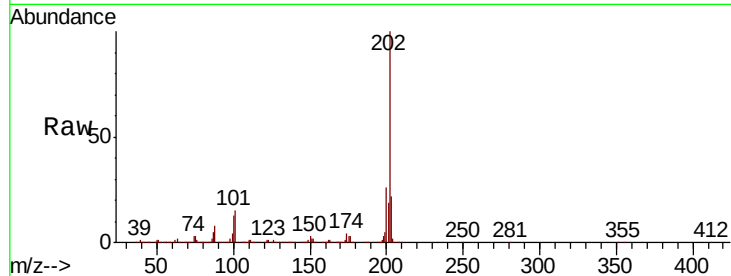
Tot Ion:202 Resp: 2137312

Ion Ratio Lower Upper

202 100

101 15.4 0.0 33.8

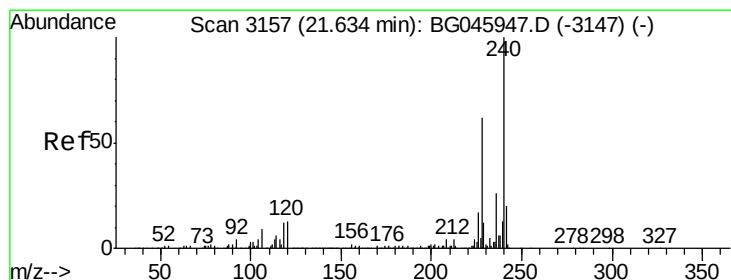
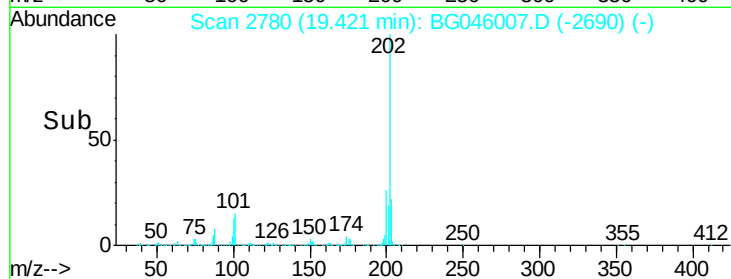
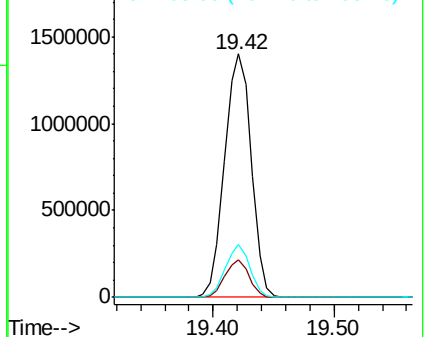
203 21.6 0.4 40.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

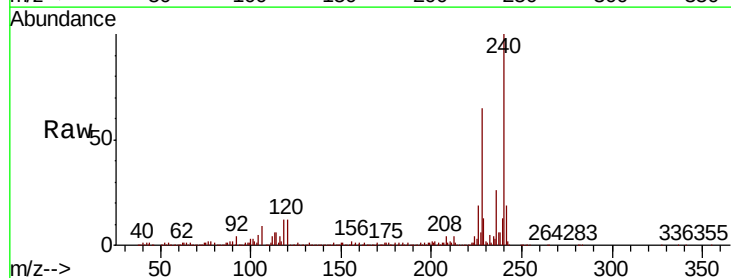
Tgt Ion:240 Resp: 601793

Ion Ratio Lower Upper

240 100

120 12.3 10.6 16.0

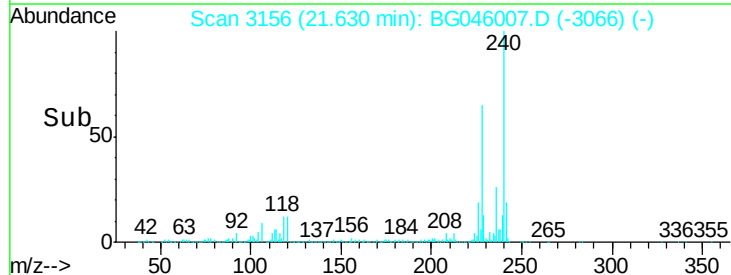
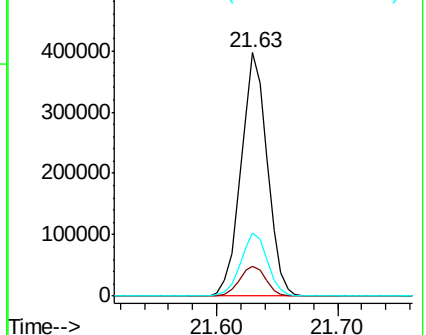
236 26.1 20.4 30.6

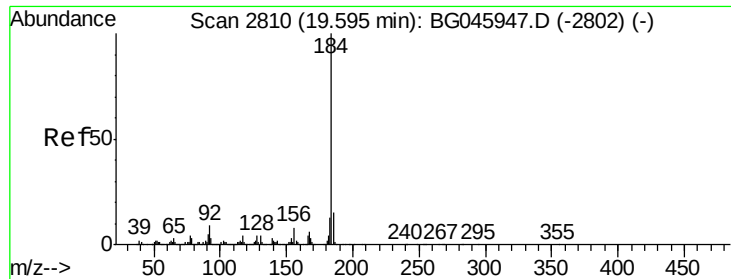


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.625 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

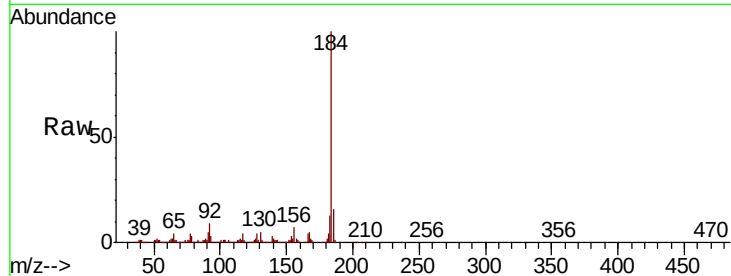
Tot Ion:184 Resp: 561374

Ion Ratio Lower Upper

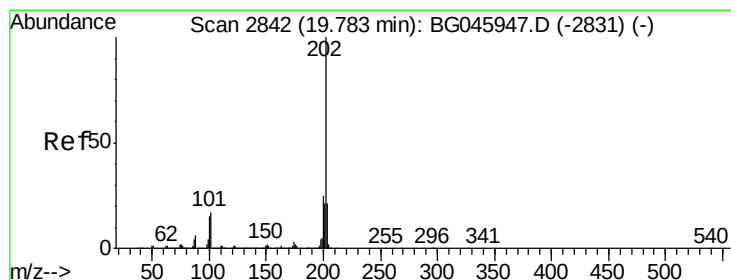
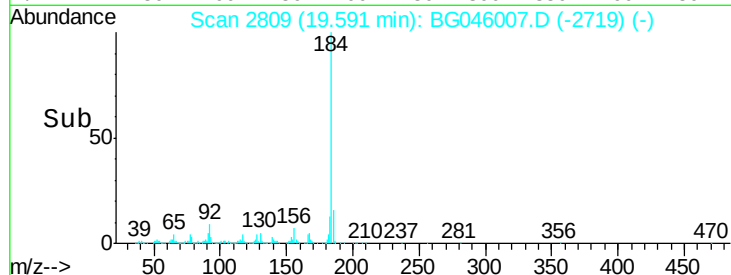
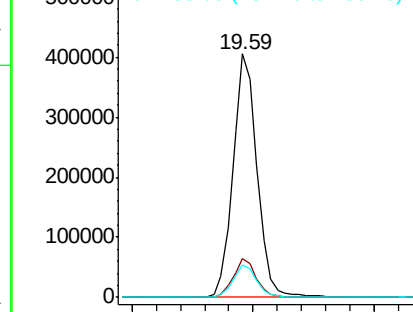
184 100

185 15.9 11.6 17.4

183 13.2 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: 51.302 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

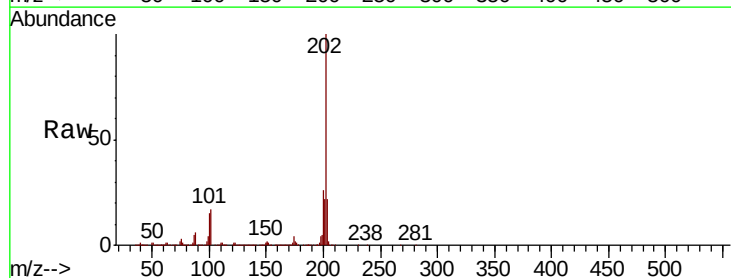
Tgt Ion:202 Resp: 2107414

Ion Ratio Lower Upper

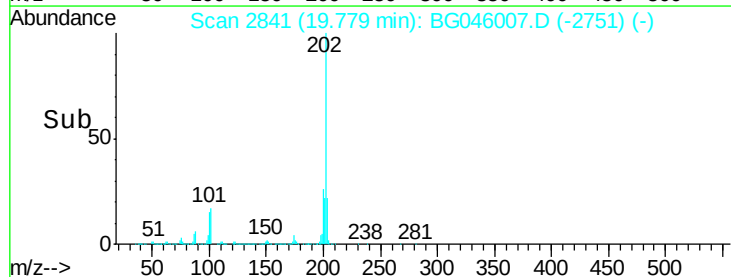
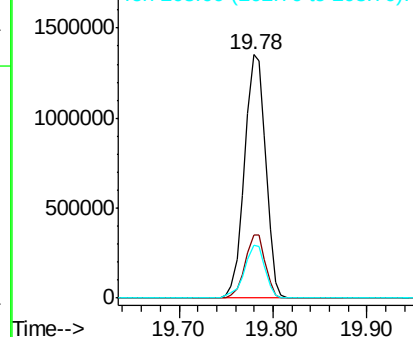
202 100

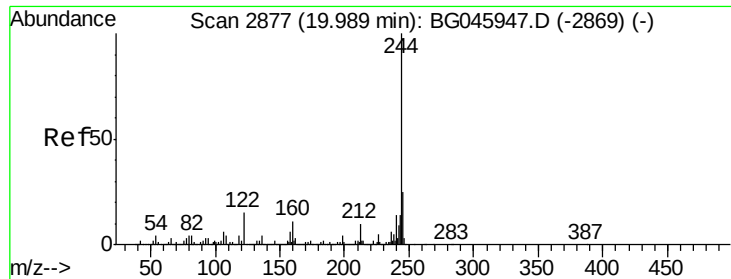
200 26.0 20.1 30.1

203 21.8 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: 103.510 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

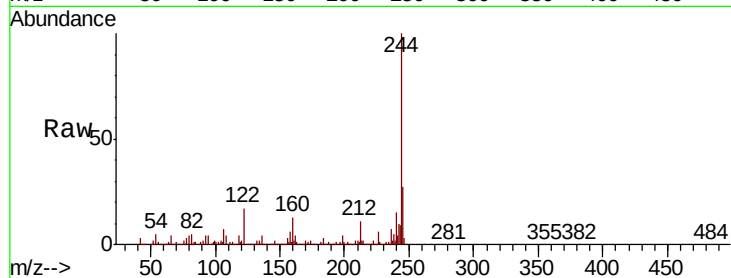
Tot Ion:244 Resp: 2798985

Ion Ratio Lower Upper

244 100

212 11.0 8.3 12.5

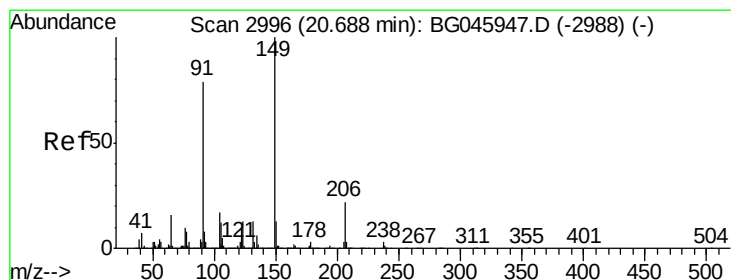
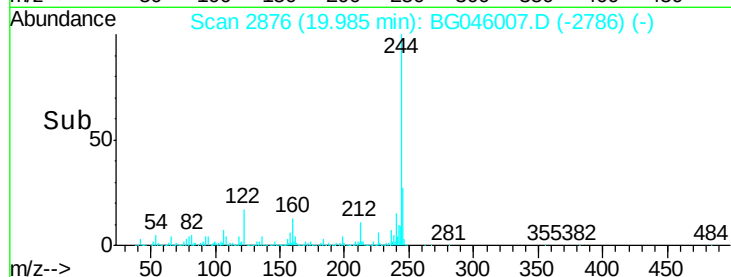
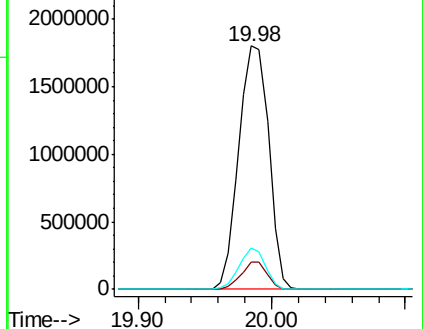
122 17.0 12.1 18.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.678 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

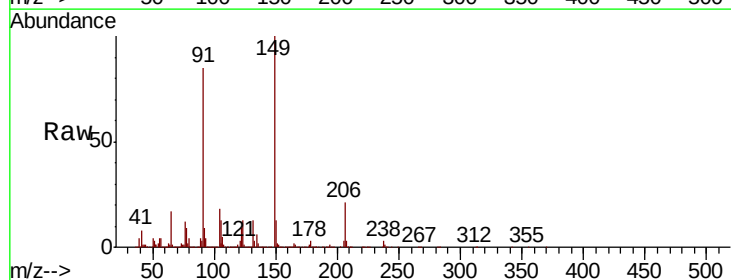
Tgt Ion:149 Resp: 1022582

Ion Ratio Lower Upper

149 100

91 84.7 63.1 94.7

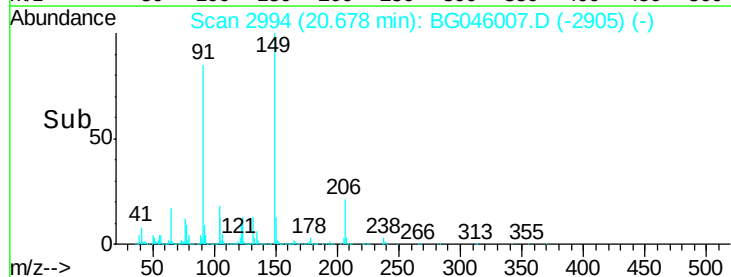
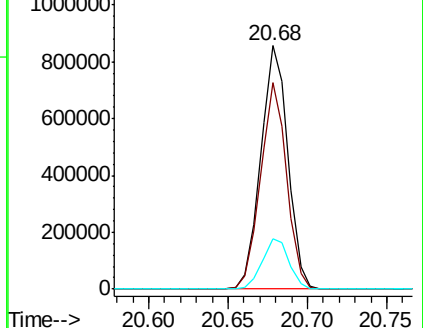
206 20.8 17.4 26.0

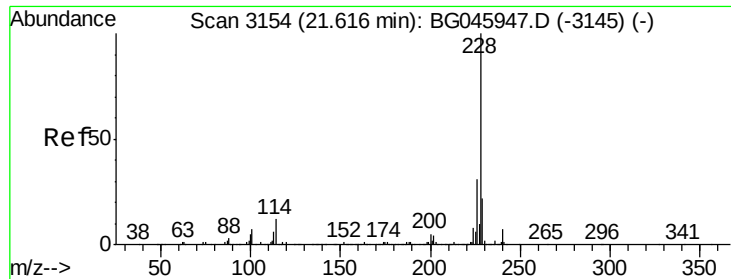


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.917 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampled :

MH-D19MS

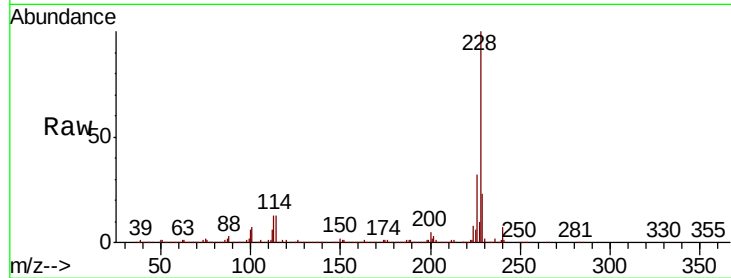
Tot Ion:228 Resp: 1896085

Ion Ratio Lower Upper

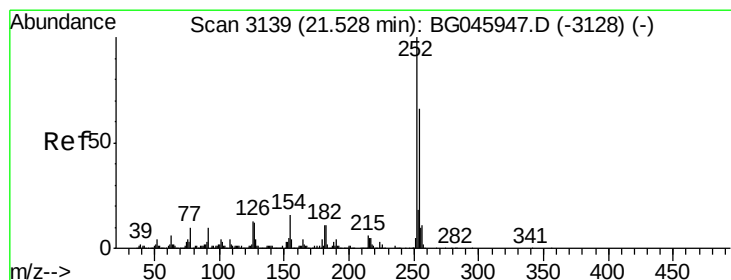
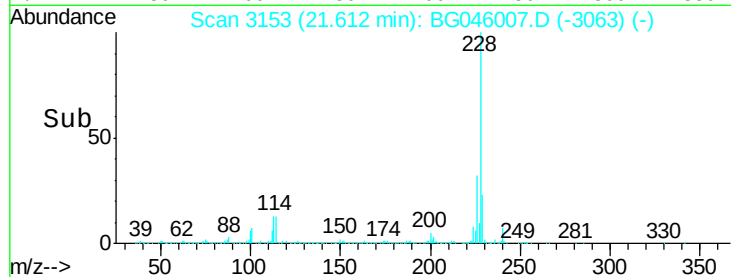
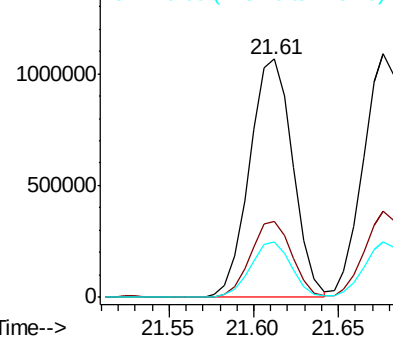
228 100

226 31.9 24.8 37.2

229 23.2 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.200 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

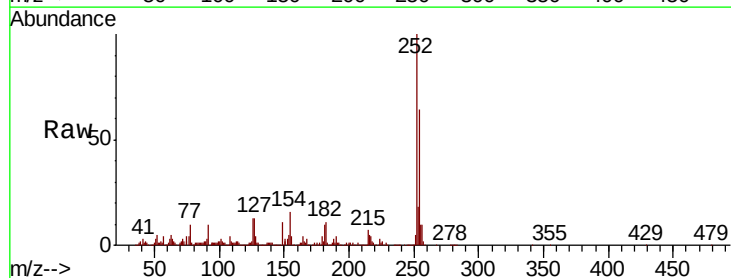
Tgt Ion:252 Resp: 456200

Ion Ratio Lower Upper

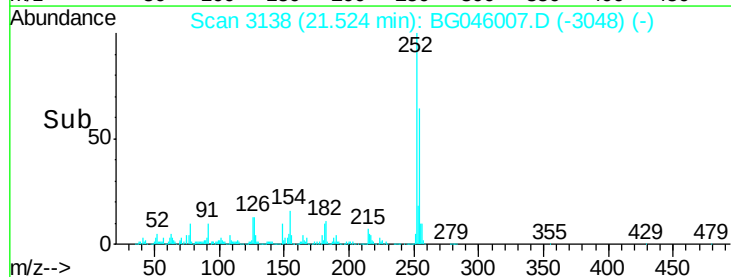
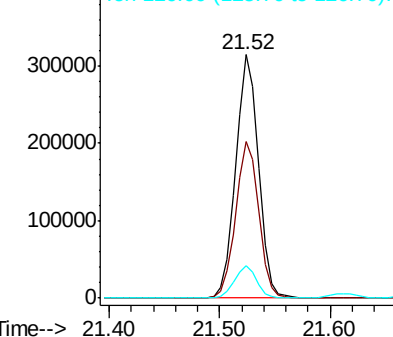
252 100

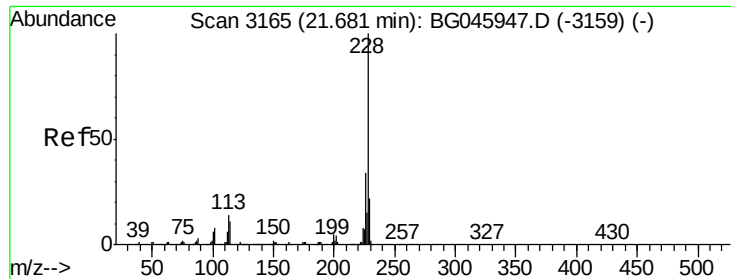
254 64.2 52.9 79.3

126 13.2 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



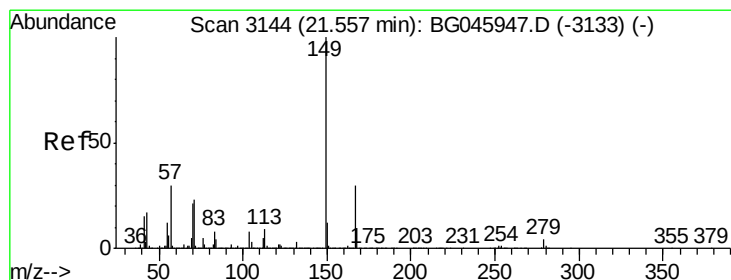
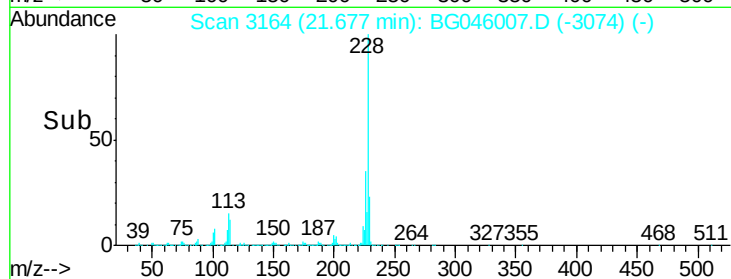
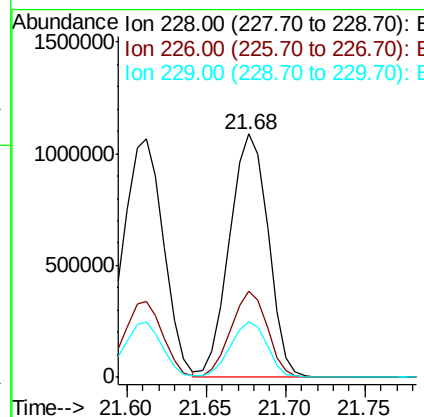
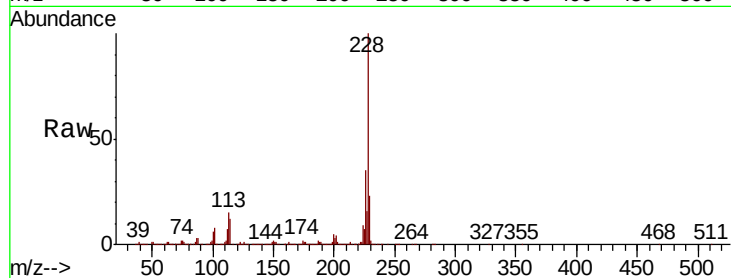


#83
 Chrysene
 Concen: 48.696 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion:228 Resp: 1835688

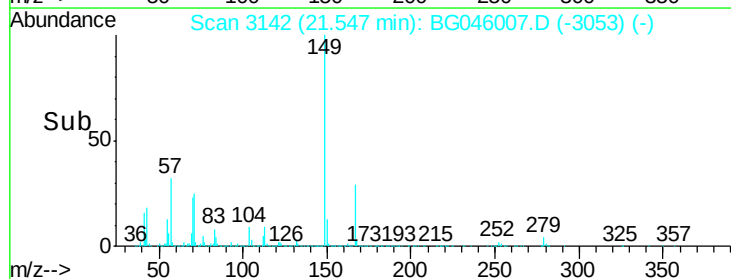
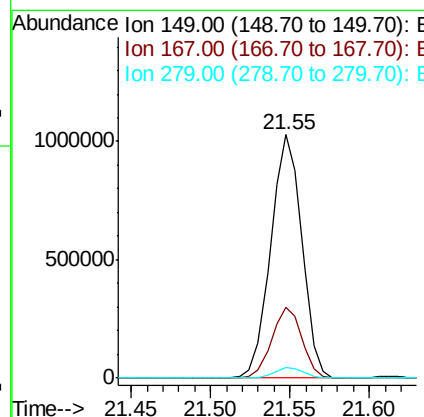
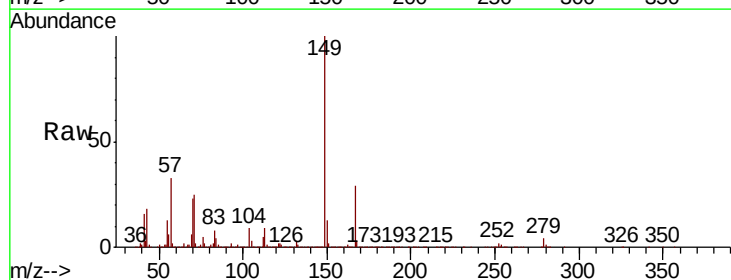
Ion	Ratio	Lower	Upper
228	100		
226	35.1	26.7	40.1
229	22.7	17.3	25.9

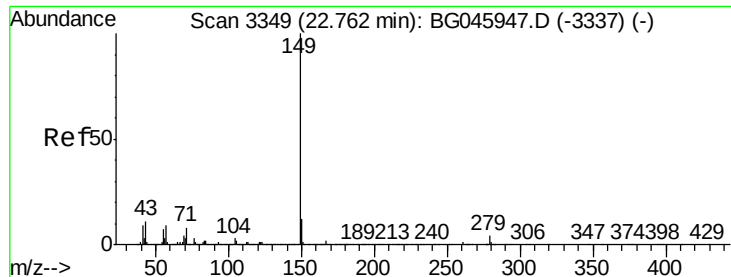


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.839 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion:149 Resp: 1404378

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.8	35.8
279	4.3	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 48.638 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

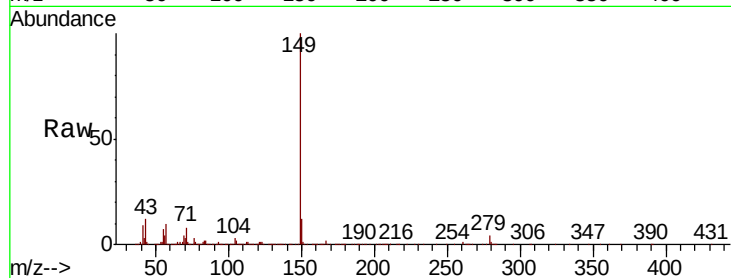
Tot Ion:149 Resp: 2378370

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

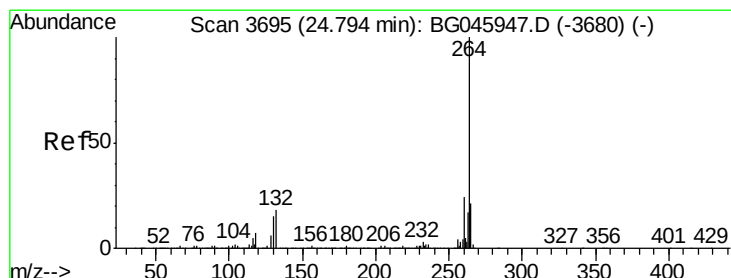
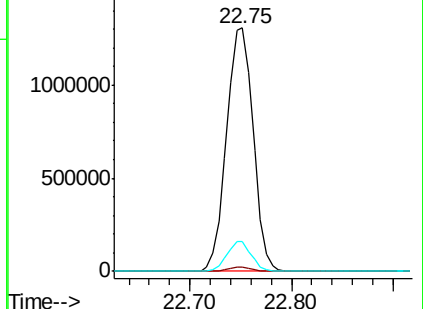
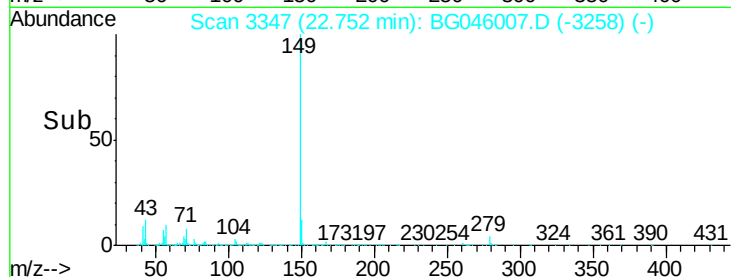
43 11.2 8.6 12.8



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: 24.78 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

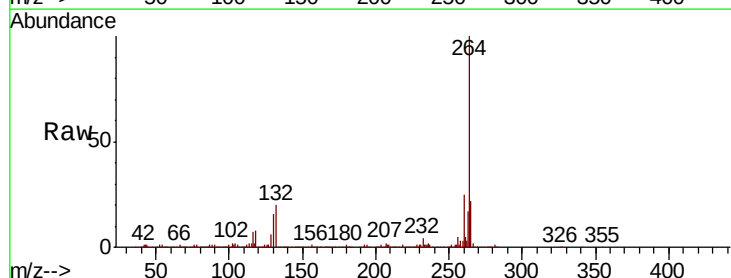
Tgt Ion:264 Resp: 612132

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.6

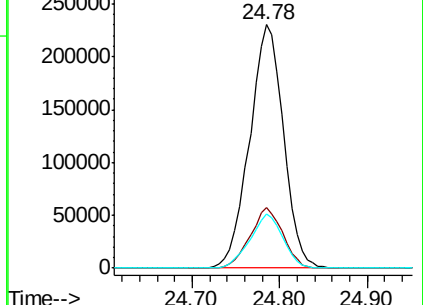
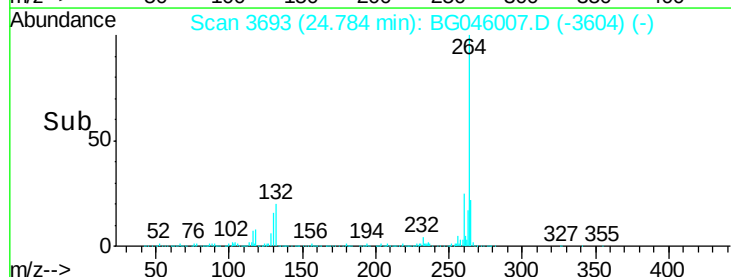
265 22.2 16.9 25.3

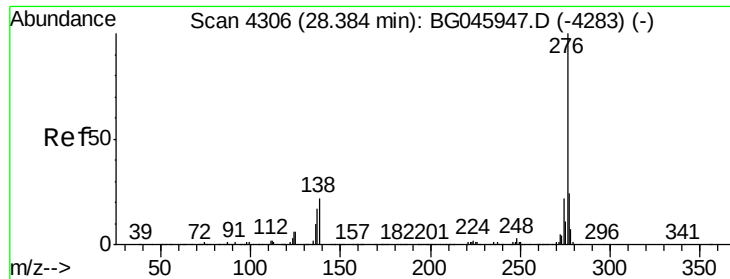


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

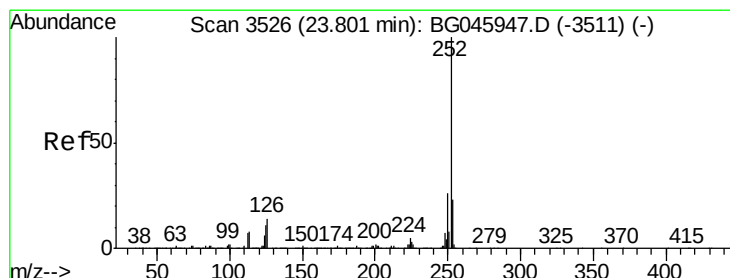
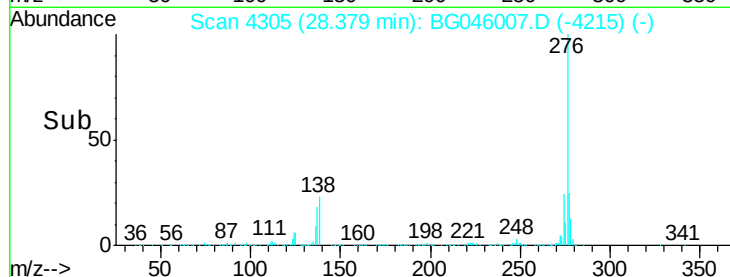
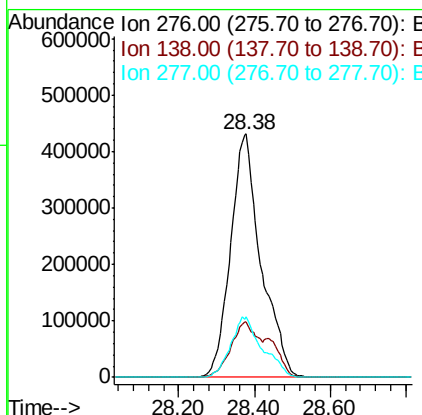
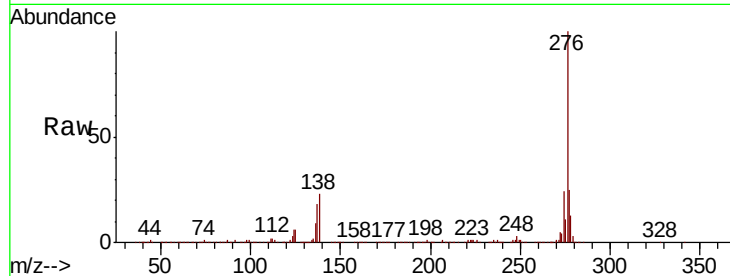




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.875 ng
 RT: 28.38 min Scan# 4305
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

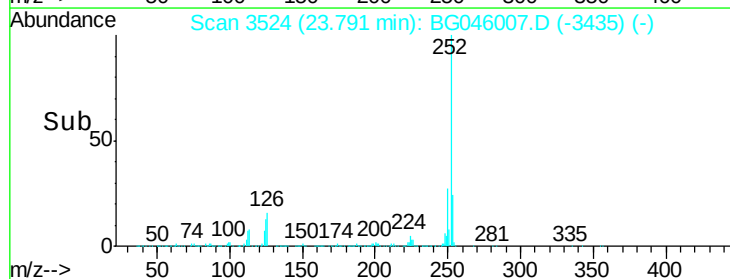
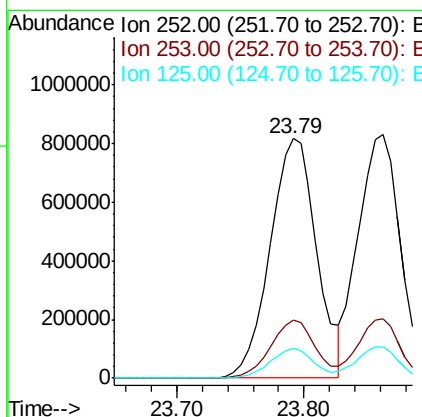
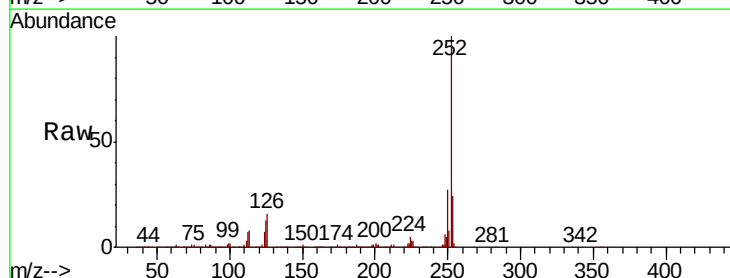
Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

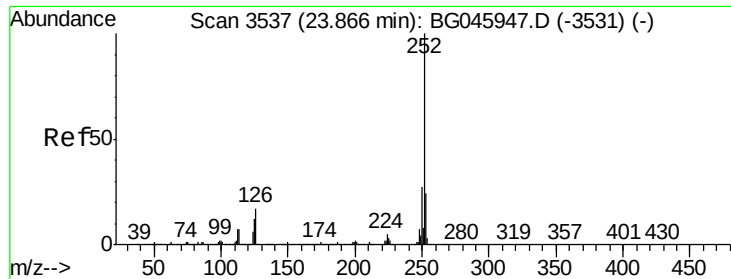
Tot Ion:276 Resp: 2412600
 Ion Ratio Lower Upper
 276 100
 138 20.1 16.4 24.6
 277 25.8 20.6 31.0



#88
 Benzo(b)fluoranthene
 Concen: 53.636 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. -0.01 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion:252 Resp: 2084202
 Ion Ratio Lower Upper
 252 100
 253 24.1 18.5 27.7
 125 12.6 9.2 13.8

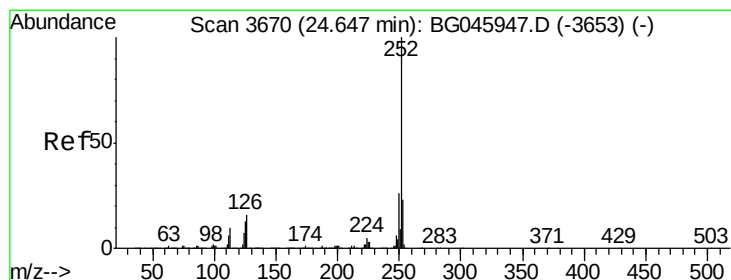
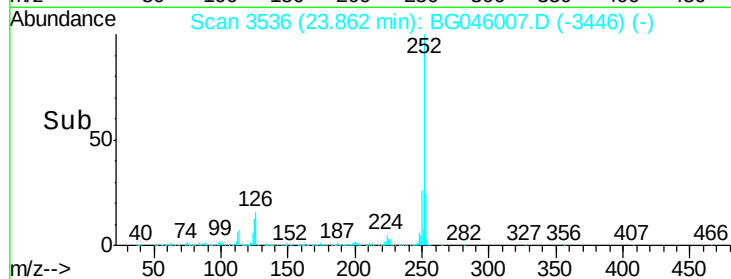
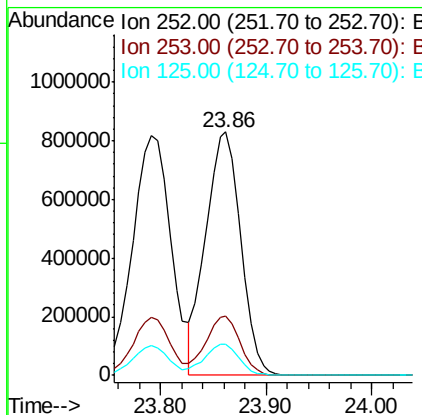
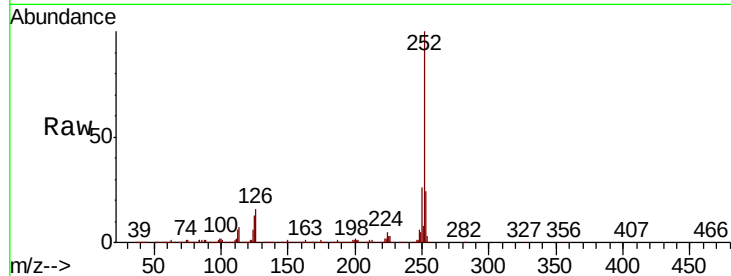




#89
Benzo(k)fluoranthene
Concen: 51.947 ng
RT: 23.86 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

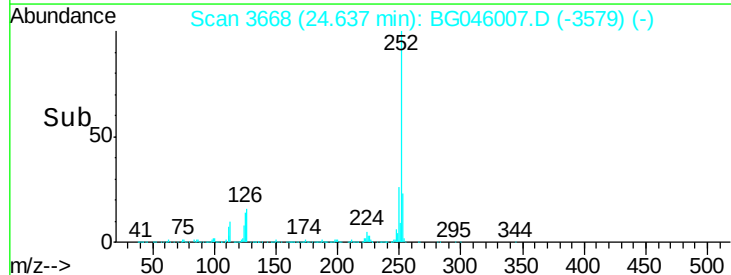
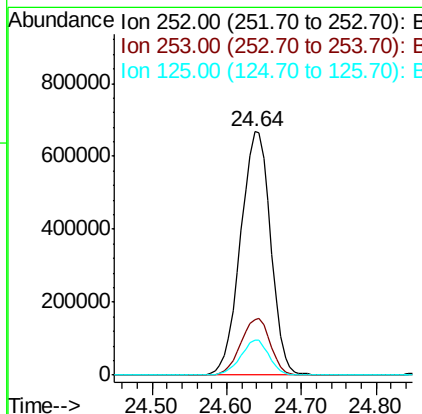
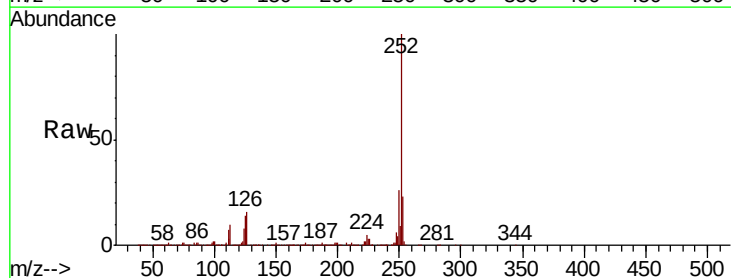
Instrument :
BNA_G
ClientSampleId :
MH-D19MS

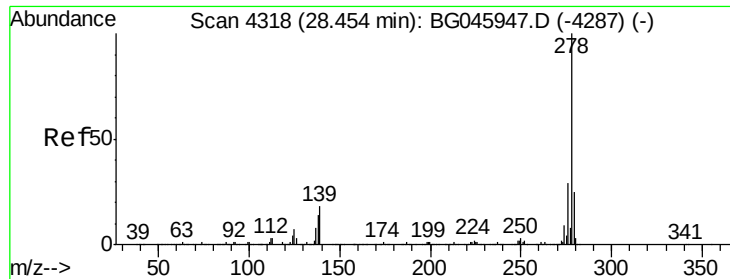
Tot Ion:252 Resp: 1908708
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 12.8 9.6 14.4



#90
Benzo(a)pyrene
Concen: 51.192 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:252 Resp: 1870550
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 14.4 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 53.419 ng

RT: 28.44 min Scan# 4316

Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

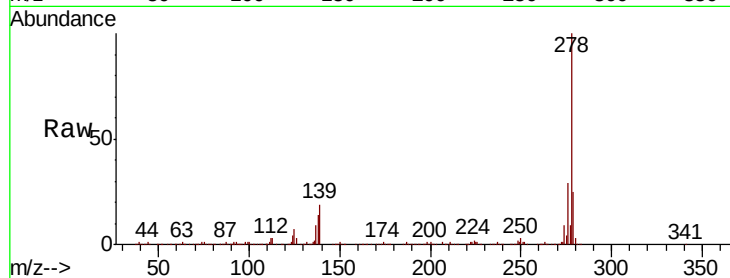
BNA_G

ClientSampleId :

MH-D19MS

Tot Ion:278 Resp: 1929461

Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.3	21.5
279	24.6	19.8	29.6

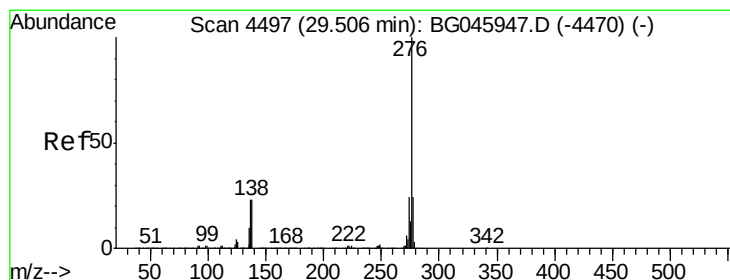
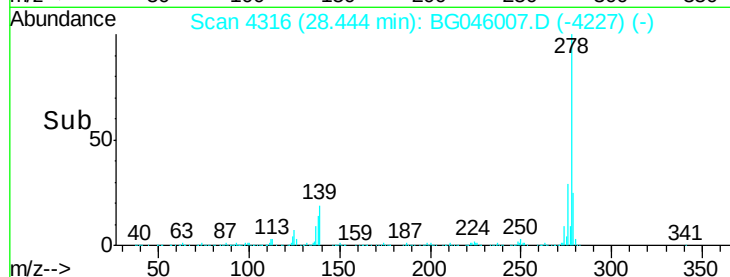
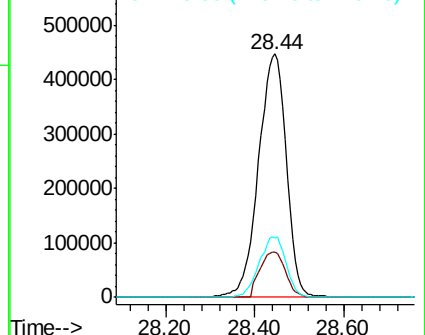


Abundance

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: 53.728 ng

RT: 29.50 min Scan# 4495

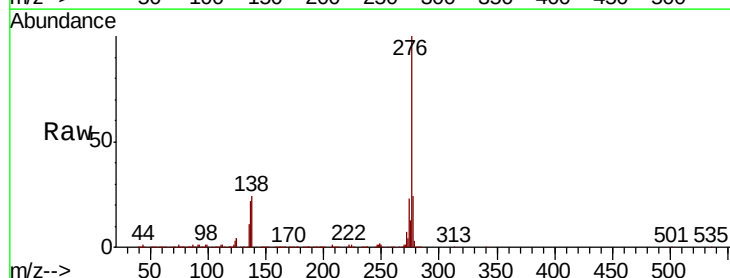
Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Tgt Ion:276 Resp: 1952911

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	24.0	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

