

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046195.D
 Acq On : 7 Aug 2020 16:14
 Operator : CG/JU
 Sample : L3594-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MS

Quant Time: Aug 07 17:23:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	93826	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	367316	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	259008	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	665892	20.00	ng	0.00
76) Chrysene-d12	21.57	240	712507	20.00	ng	0.00
86) Perylene-d12	24.67	264	779632	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	443125	82.10	ng	0.00
7) Phenol-d6	7.12	99	563861	76.65	ng	0.00
23) Nitrobenzene-d5	9.10	82	355731	52.44	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	391798	98.48	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	930550	52.19	ng	0.00
79) Terphenyl-d14	19.93	244	1682536	48.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	86569	35.239	ng	95
3) Pyridine	3.83	79	198046	29.284	ng	95
4) n-Nitrosodimethylamine	3.75	42	104517	36.312	ng	91
6) Aniline	7.27	93	202849	23.166	ng	99
8) 2-Chlorophenol	7.52	128	262897	44.069	ng	97
9) Benzaldehyde	7.08	77	169529	38.839	ng	97
10) Phenol	7.15	94	319847	43.276	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	243933	41.494	ng	97
12) 1,3-Dichlorobenzene	7.84	146	298888	41.335	ng	97
13) 1,4-Dichlorobenzene	7.99	146	298340	41.088	ng	99
14) 1,2-Dichlorobenzene	8.30	146	288551	42.137	ng	97
15) Benzyl Alcohol	8.19	79	217165	42.734	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	364233	37.791	ng	97
17) 2-Methylphenol	8.39	107	223121	44.717	ng	99
18) Hexachloroethane	9.04	117	100664	41.453	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	189920	39.671	ng	97
20) 3+4-Methylphenols	8.72	107	306202	44.836	ng	98
22) Acetophenone	8.77	105	365700	38.794	ng	# 96
24) Nitrobenzene	9.14	77	267181	36.938	ng	96
25) Isophorone	9.67	82	528971	39.185	ng	98
26) 2-Nitrophenol	9.86	139	155748	47.511	ng	98
27) 2,4-Dimethylphenol	9.92	122	244848	45.908	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	321089	43.744	ng	99
29) 2,4-Dichlorophenol	10.40	162	290176	46.252	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	298547	40.621	ng	99
31) Naphthalene	10.80	128	766885	39.458	ng	100
32) Benzoic acid	10.00	122	16312	12.754	ng	94
33) 4-Chloroaniline	10.90	127	160427	20.200	ng	97
34) Hexachlorobutadiene	11.10	225	193182	39.485	ng	98
35) Caprolactam	11.67	113	119664	58.274	ng	90
36) 4-Chloro-3-methylphenol	12.03	107	282022	45.806	ng	96
37) 2-Methylnaphthalene	12.41	142	605551	40.492	ng	99
38) 1-Methylnaphthalene	12.62	142	581225	41.071	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	354059	37.940	ng	99

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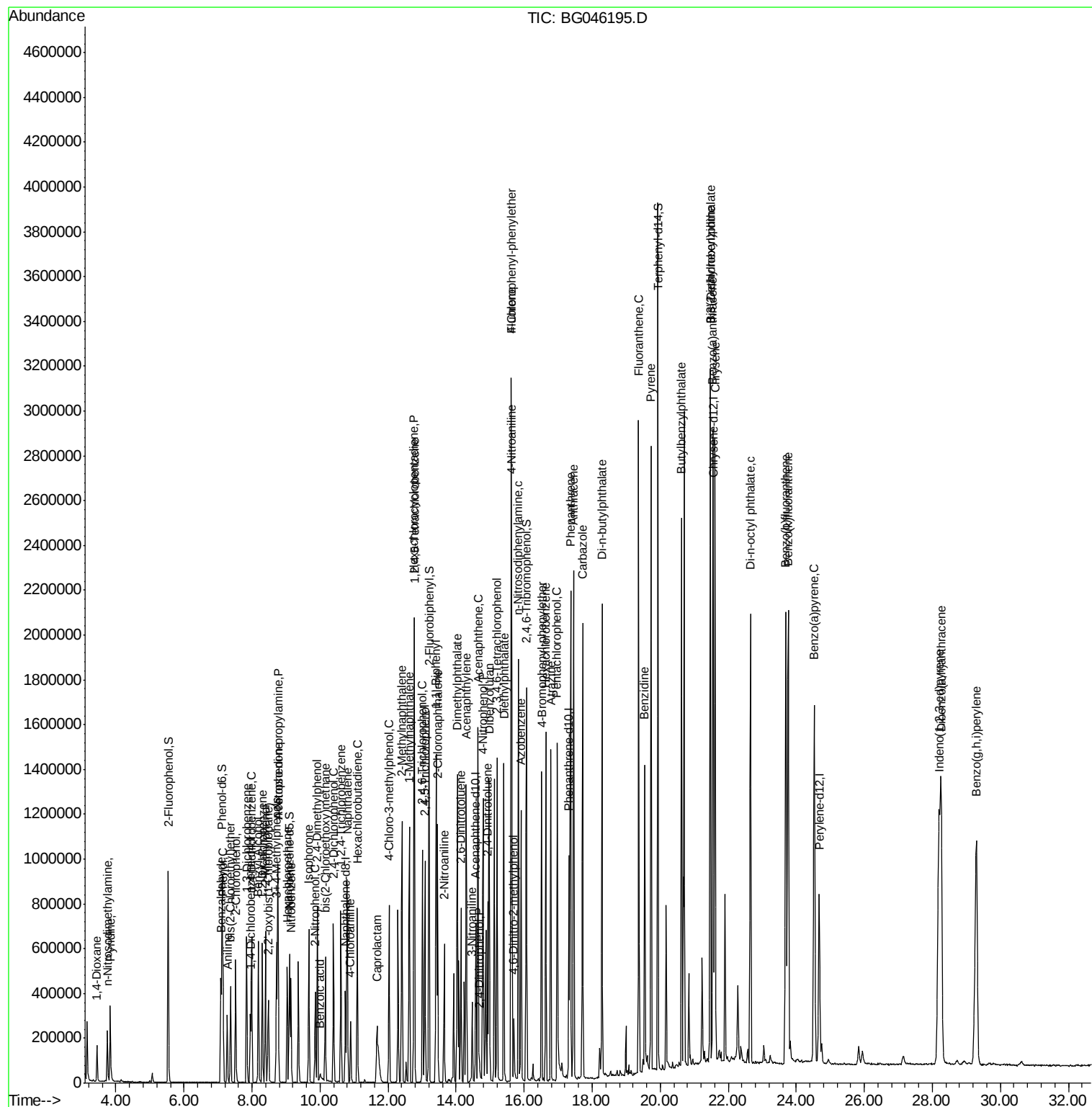
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	469939	87.793	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	288397	48.439	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	308602	47.505	ng	96
46) 1,1'-Biphenyl	13.41	154	798737	39.311	ng	100
47) 2-Chloronaphthalene	13.45	162	622718	38.422	ng	99
48) 2-Nitroaniline	13.65	65	181374	42.694	ng	95
49) Acenaphthylene	14.30	152	1013460	40.270	ng	98
50) Dimethylphthalate	14.03	163	962168	48.400	ng	99
51) 2,6-Dinitrotoluene	14.14	165	195061	42.161	ng	89
52) Acenaphthene	14.64	154	637255	38.366	ng	99
53) 3-Nitroaniline	14.47	138	108899	23.742	ng	92
54) 2,4-Dinitrophenol	14.68	184	50172	22.671	ng	98
55) Dibenzofuran	14.97	168	981938	39.179	ng	98
56) 4-Nitrophenol	14.79	139	389764	97.877	ng	99
57) 2,4-Dinitrotoluene	14.93	165	278550	43.790	ng	92
58) Fluorene	15.63	166	827398	40.765	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	339768	55.527	ng	97
60) Diethylphthalate	15.40	149	843795	43.148	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	449320	42.385	ng	95
62) 4-Nitroaniline	15.64	138	218696	47.409	ng	99
63) Azobenzene	15.91	77	718580	39.208	ng	95
65) 4,6-Dinitro-2-methylphenol	15.70	198	92227	20.942	ng	89
66) n-Nitrosodiphenylamine	15.83	169	774263	38.412	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	332037	40.361	ng	97
68) Hexachlorobenzene	16.64	284	372072	40.335	ng	96
69) Atrazine	16.78	200	305003	39.296	ng	100
70) Pentachlorophenol	16.97	266	390023	65.164	ng	99
71) Phenanthrene	17.36	178	1410705	38.675	ng	98
72) Anthracene	17.45	178	1460607	40.257	ng	98
73) Carbazole	17.72	167	1391018	39.760	ng	98
74) Di-n-butylphthalate	18.29	149	1556183	42.554	ng	99
75) Fluoranthene	19.37	202	1802753	39.587	ng	97
77) Benzidine	19.54	184	867880	43.002	ng	100
78) Pyrene	19.73	202	1811797	37.845	ng	98
80) Butylbenzylphthalate	20.63	149	740967	42.727	ng	96
81) Benzo(a)anthracene	21.55	228	1826472	38.306	ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	389490	19.671	ng	99
83) Chrysene	21.61	228	1742576	37.307	ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	1036826	41.819	ng	97
85) Di-n-octyl phthalate	22.65	149	1787206	42.574	ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	2414477	40.607	ng	# 95
88) Benzo(b)fluoranthene	23.69	252	2025072	38.761	ng	99
89) Benzo(k)fluoranthene	23.76	252	1943615	37.929	ng	99
90) Benzo(a)pyrene	24.53	252	1874791	38.564	ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1985628	39.948	ng	98
92) Benzo(g,h,i)perylene	29.29	276	2028058	40.400	ng	99

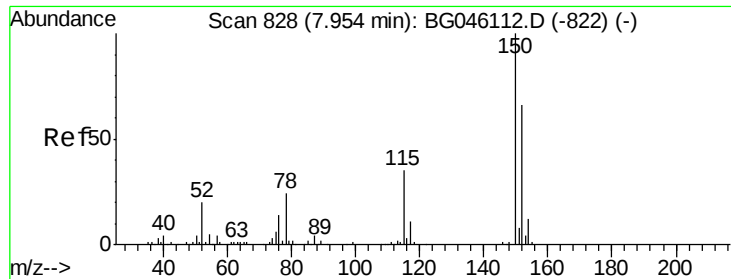
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

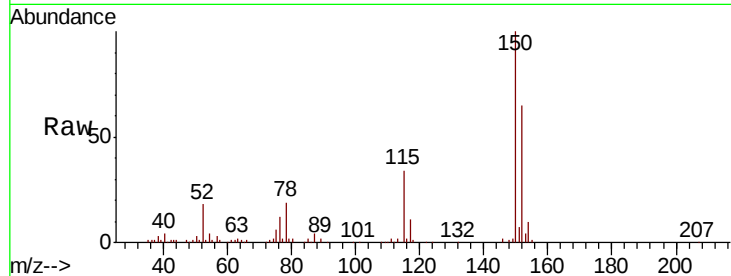
Tot Ion:152 Resp: 93826

Ion Ratio Lower Upper

152 100

150 153.4 122.1 183.1

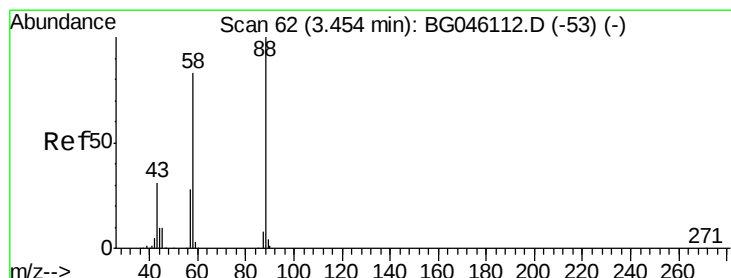
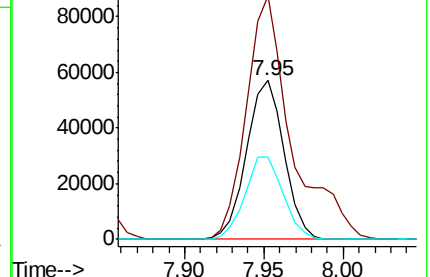
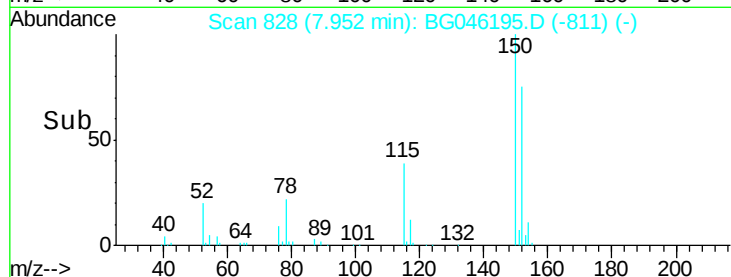
115 51.9 43.2 64.8



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: 35.239 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

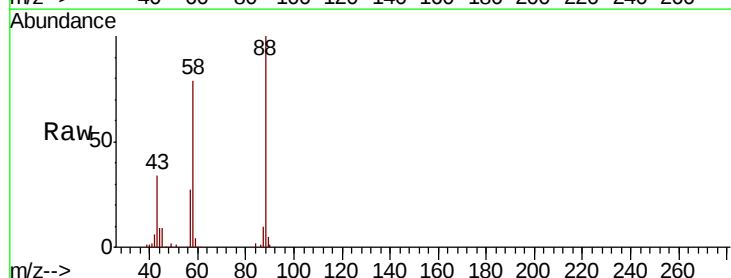
Tgt Ion: 88 Resp: 86569

Ion Ratio Lower Upper

88 100

58 77.5 66.5 99.7

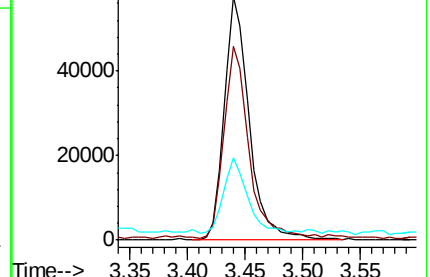
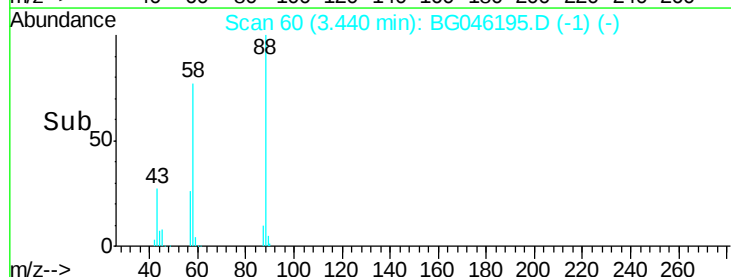
43 29.0 23.8 35.8

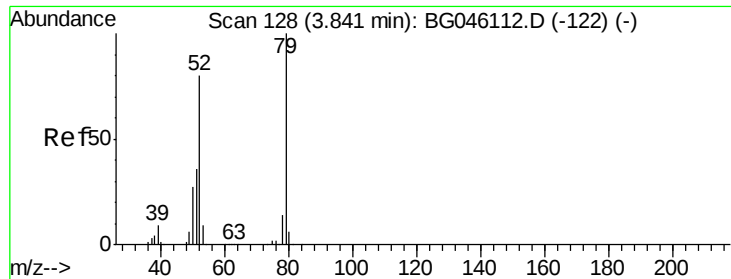


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.284 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

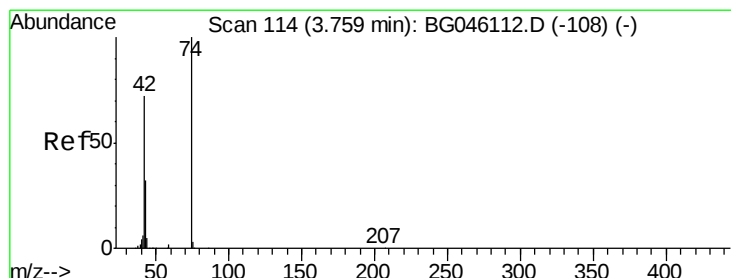
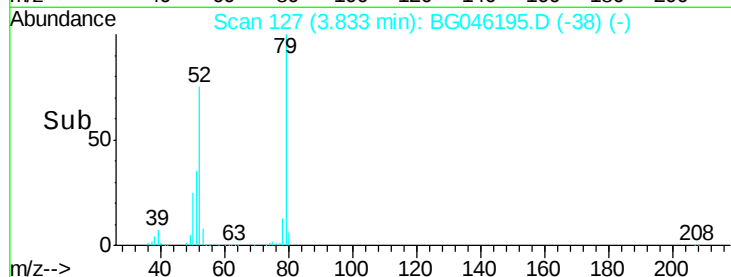
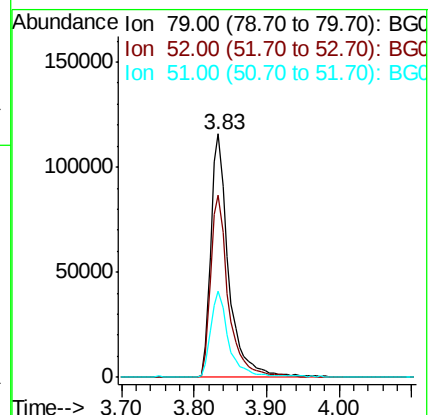
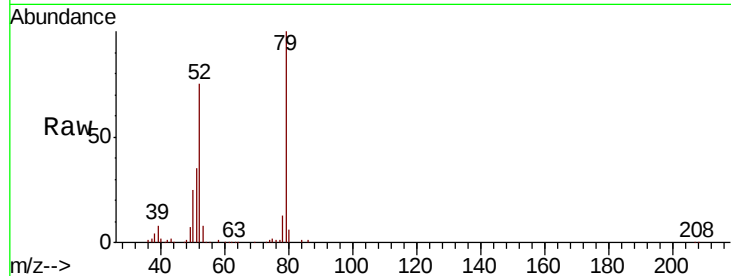
Tot Ion: 79 Resp: 198046

Ion Ratio Lower Upper

79 100

52 74.8 64.3 96.5

51 35.4 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 36.312 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

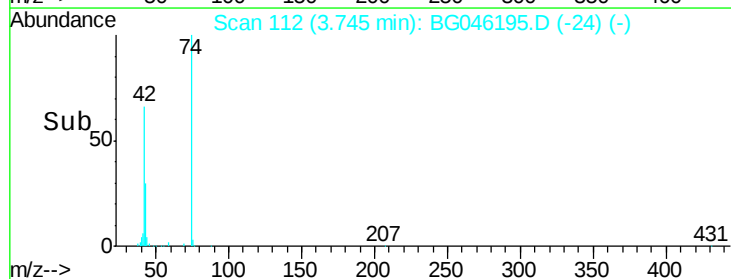
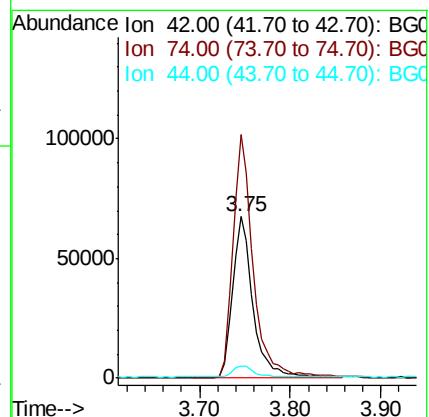
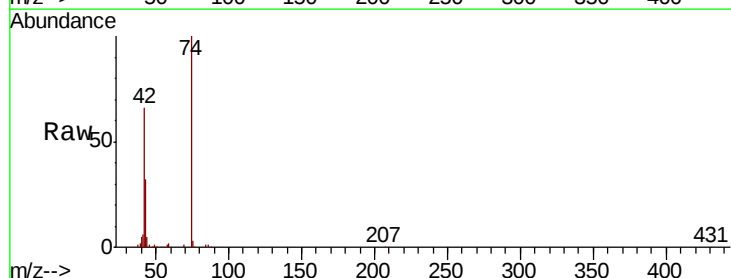
Tgt Ion: 42 Resp: 104517

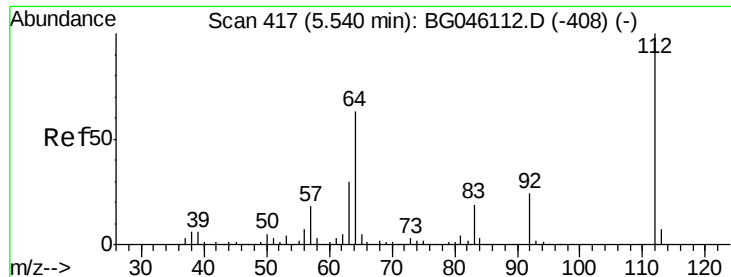
Ion Ratio Lower Upper

42 100

74 151.0 111.6 167.4

44 7.8 5.7 8.5





#5

2-Fluorophenol

Concen: 82.100 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

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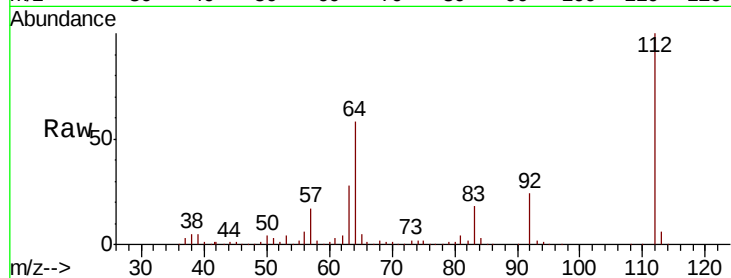
Tot Ion:112 Resp: 443125

Ion Ratio Lower Upper

112 100

64 57.5 50.2 75.2

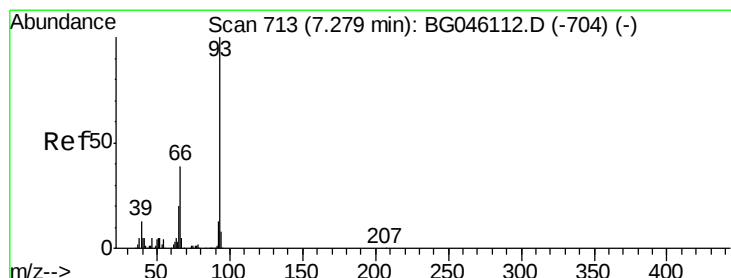
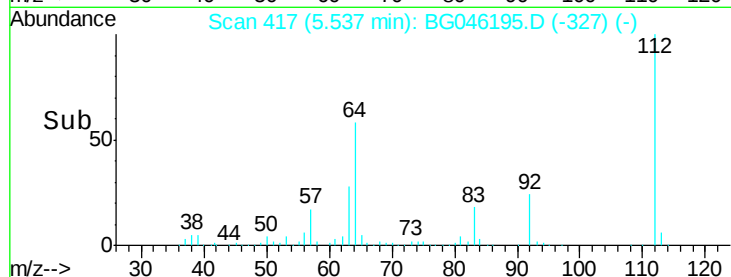
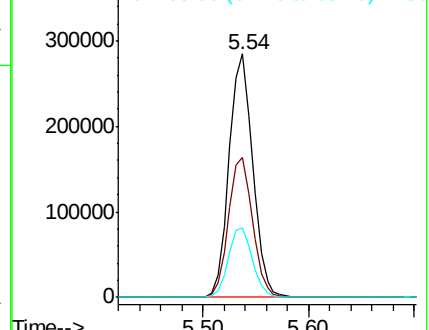
63 28.5 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.166 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

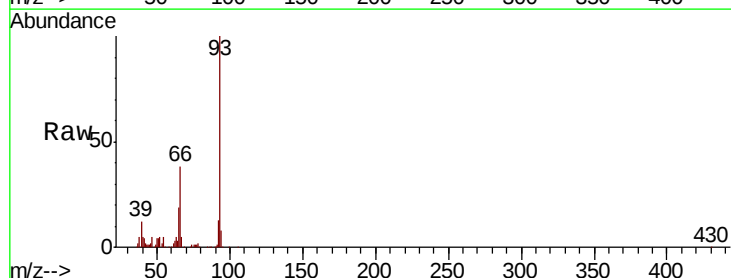
Tgt Ion: 93 Resp: 202849

Ion Ratio Lower Upper

93 100

66 38.2 31.0 46.4

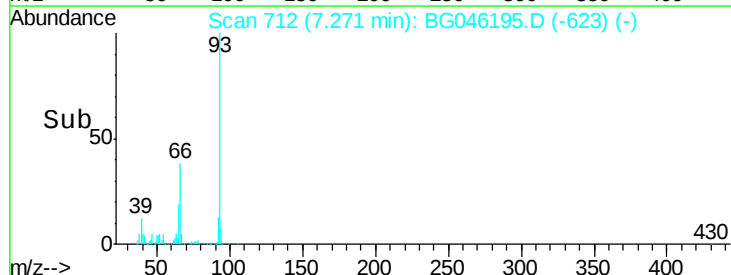
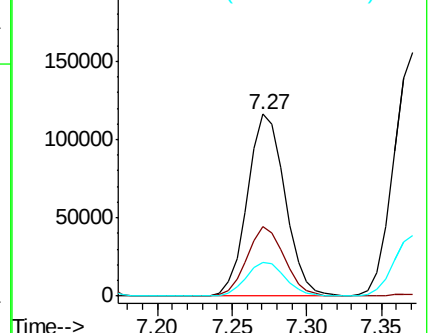
65 18.7 15.9 23.9

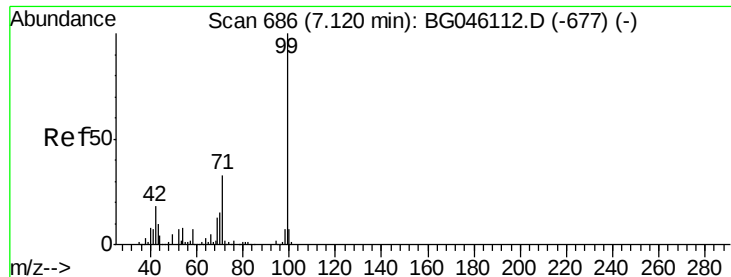


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.655 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

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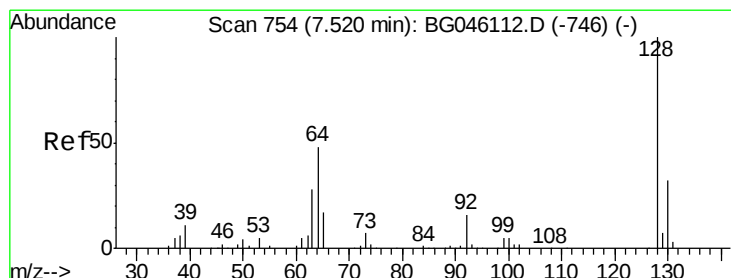
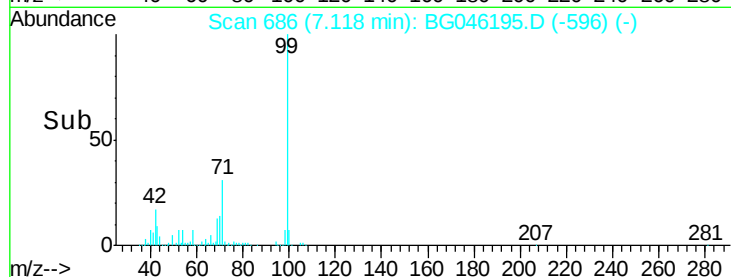
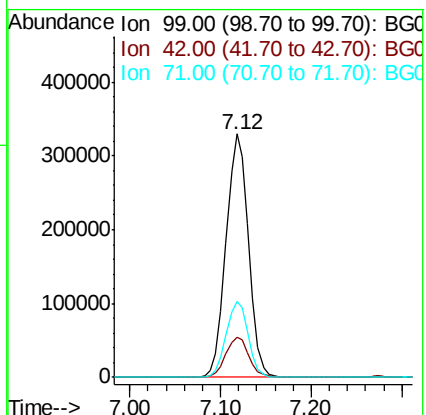
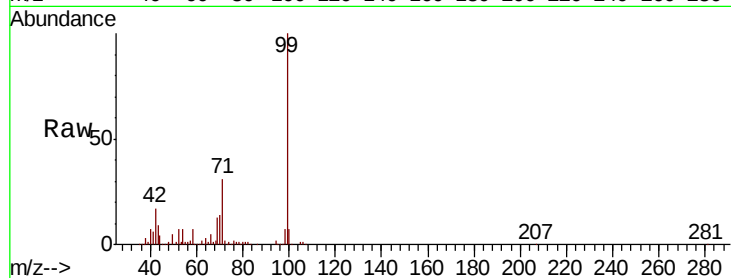
Tot Ion: 99 Resp: 563861

Ion Ratio Lower Upper

99 100

42 16.7 14.7 22.1

71 31.4 26.5 39.7



#8

2-Chlorophenol

Concen: 44.069 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

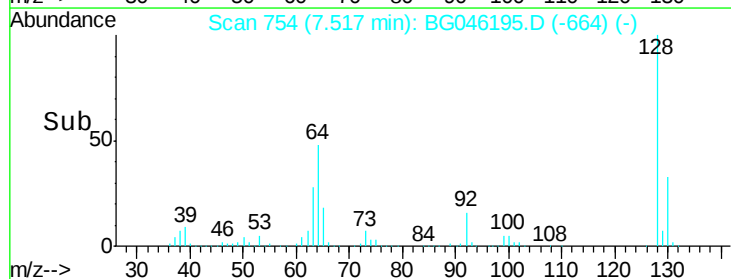
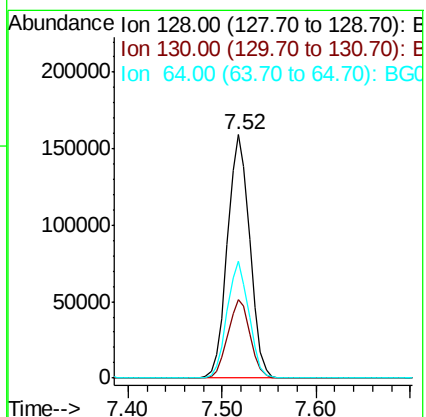
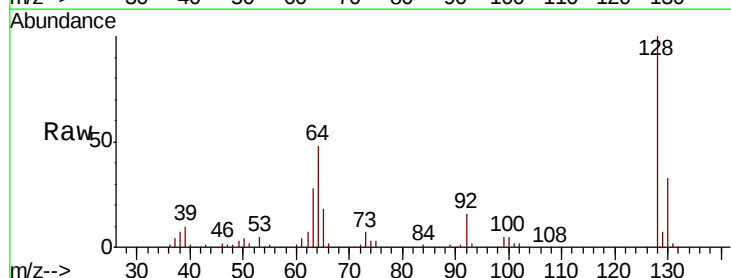
Tgt Ion: 128 Resp: 262897

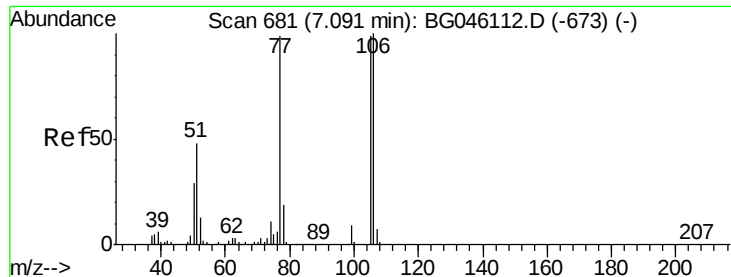
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 48.1 30.6 70.6





#9

Benzaldehyde

Concen: 38.839 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

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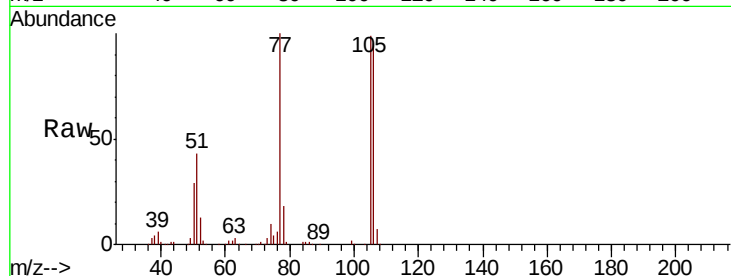
Tot Ion: 77 Resp: 169529

Ion Ratio Lower Upper

77 100

105 99.3 80.3 120.3

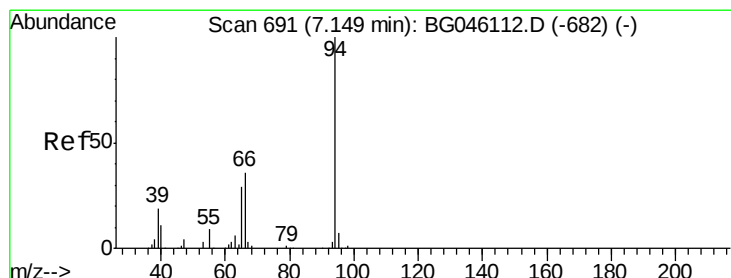
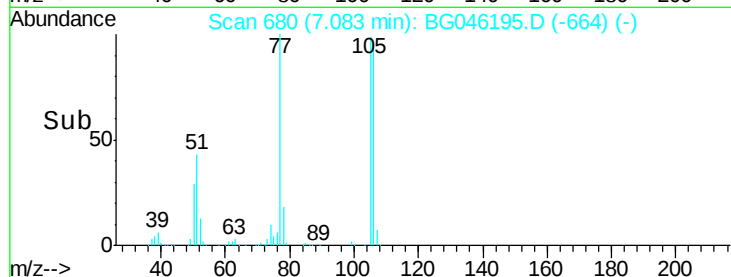
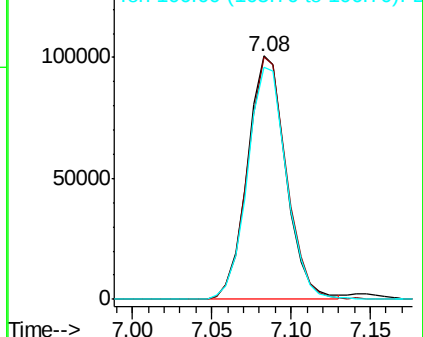
106 95.5 81.5 121.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.276 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

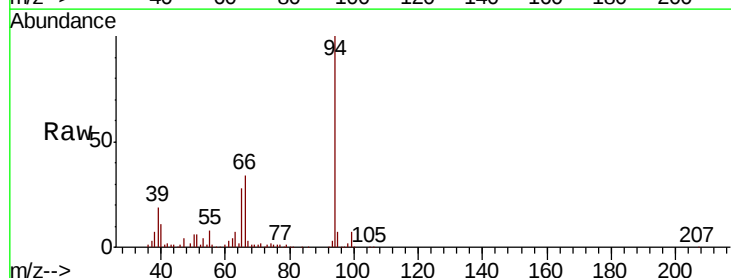
Tgt Ion: 94 Resp: 319847

Ion Ratio Lower Upper

94 100

65 27.6 9.6 49.6

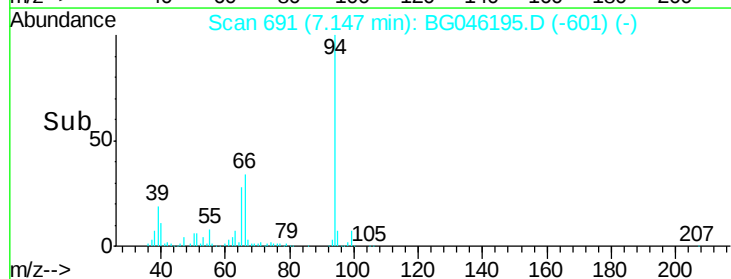
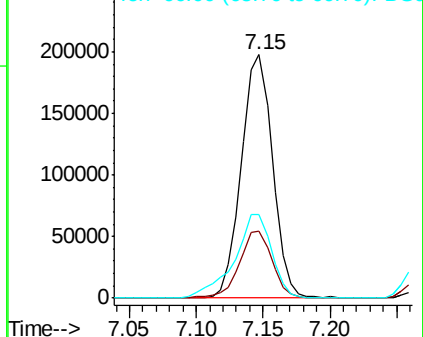
66 34.4 16.3 56.3

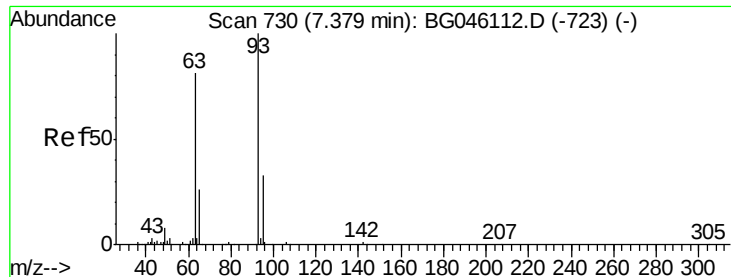


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

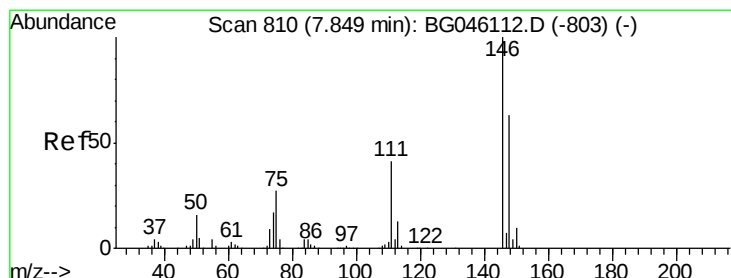
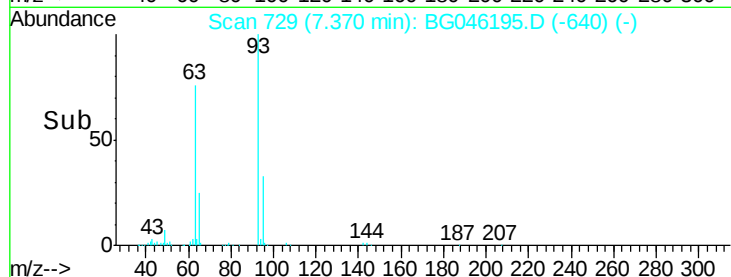
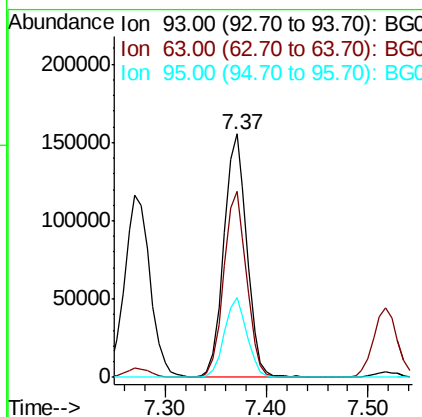
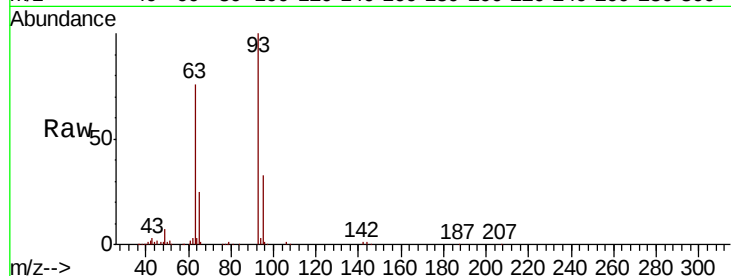




#11
bis(2-Chloroethyl)ether
Concen: 41.494 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

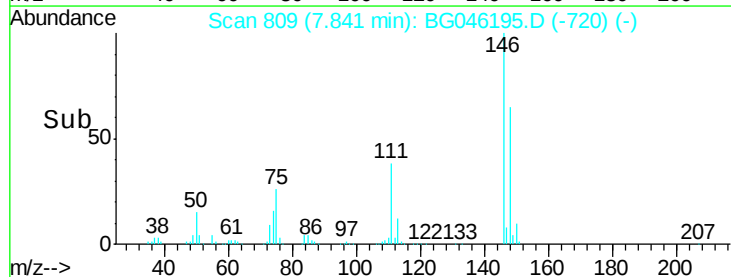
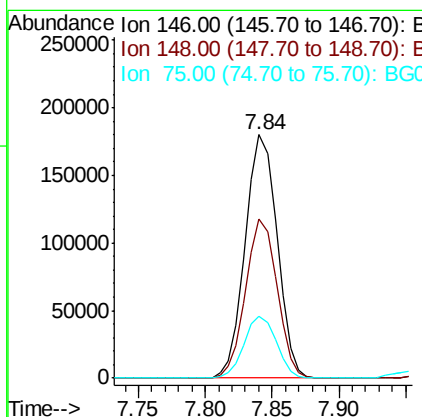
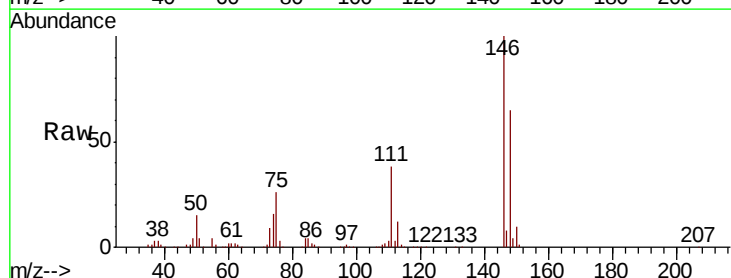
Instrument :
BNA_G
ClientSampleId :
TP-2MS

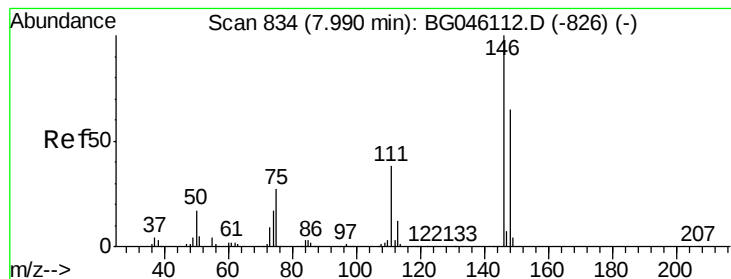
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.4	60.0	100.0
95	32.7	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 41.335 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.5	75.7
75	25.6	21.6	32.4





#13

1,4-Dichlorobenzene

Concen: 41.088 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

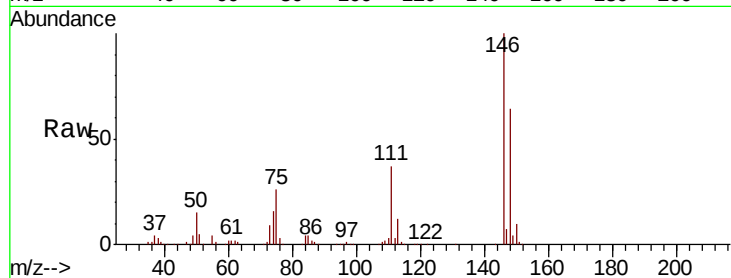
Tot Ion:146 Resp: 298340

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

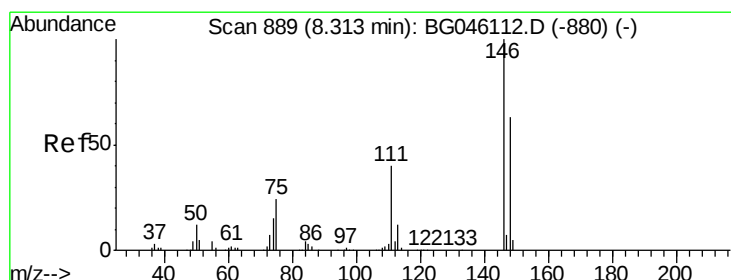
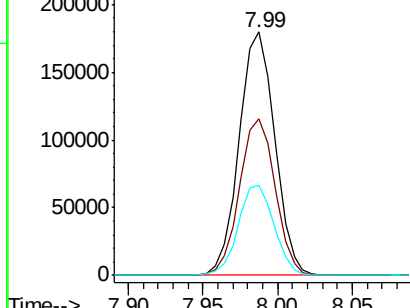
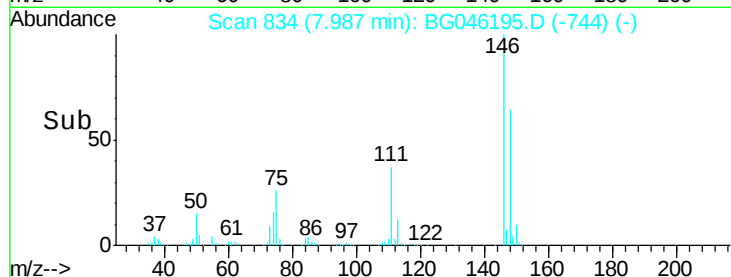
111 37.1 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.137 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

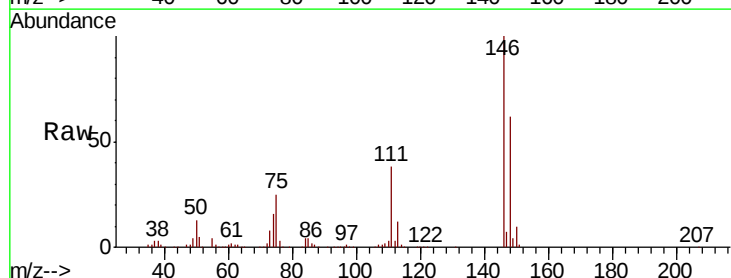
Tgt Ion:146 Resp: 288551

Ion Ratio Lower Upper

146 100

148 62.1 50.8 76.2

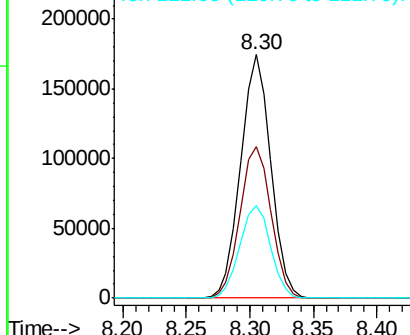
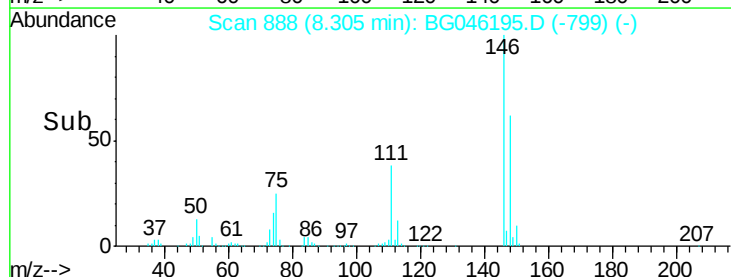
111 37.8 32.4 48.6

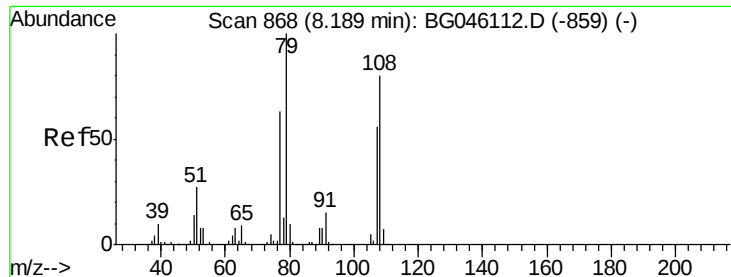


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.734 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

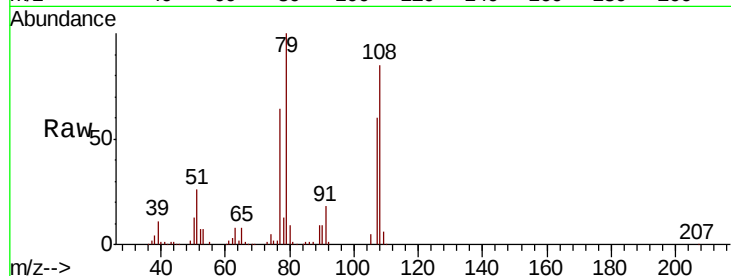
Tot Ion: 79 Resp: 217165

Ion Ratio Lower Upper

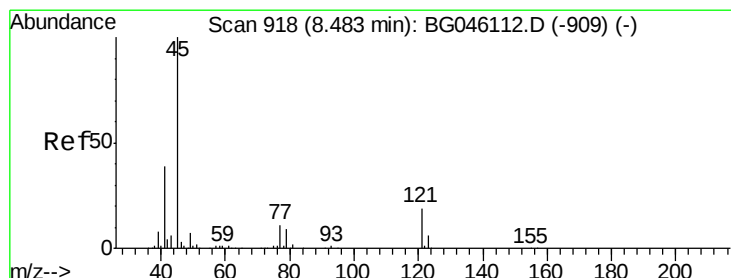
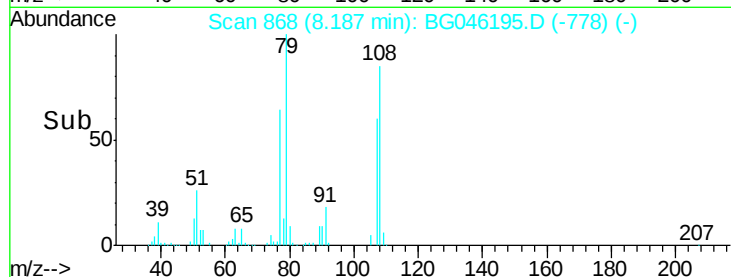
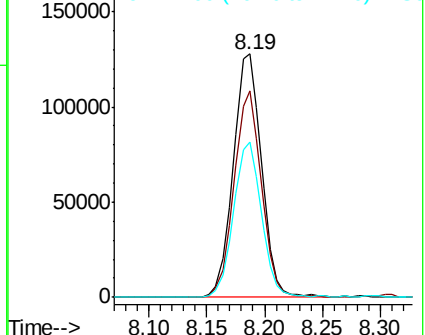
79 100

108 84.7 64.1 96.1

77 63.7 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.791 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

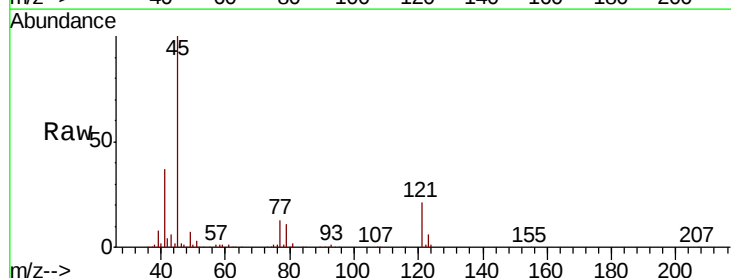
Tgt Ion: 45 Resp: 364233

Ion Ratio Lower Upper

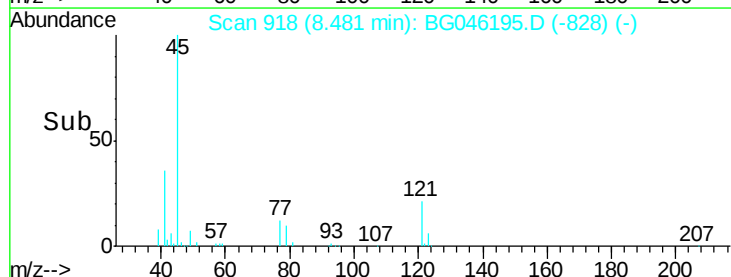
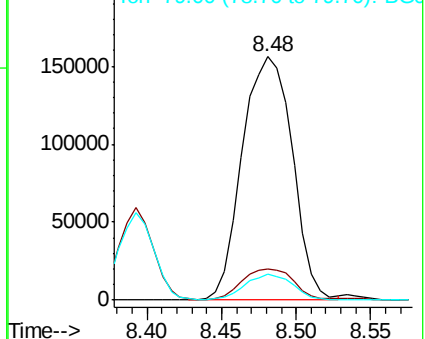
45 100

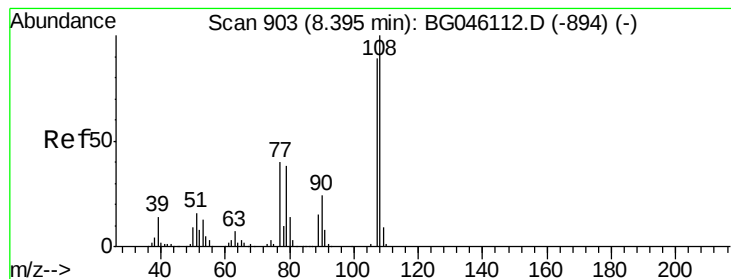
77 12.7 0.0 31.9

79 10.6 0.0 29.5



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





#17

2-Methylphenol

Concen: 44.717 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

Tot Ion:107 Resp: 223121

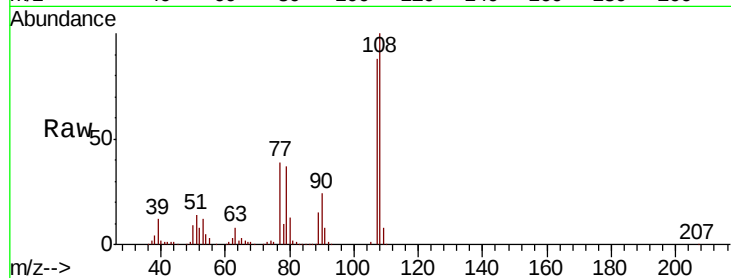
Ion Ratio Lower Upper

107 100

108 113.5 90.0 135.0

77 44.2 35.6 53.4

79 41.6 34.4 51.6

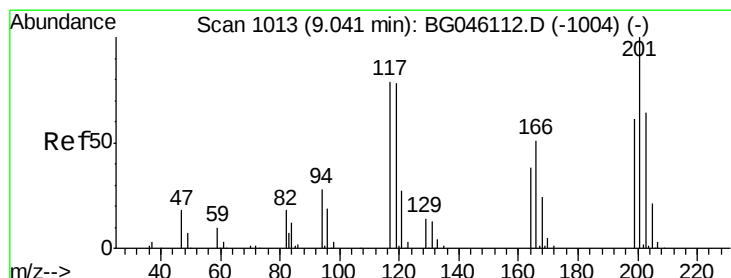
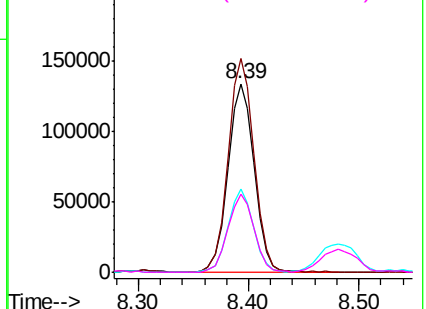
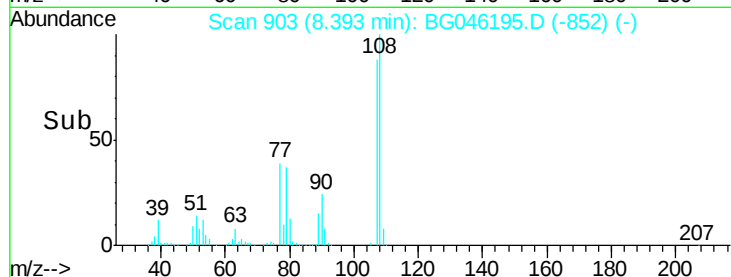


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.453 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

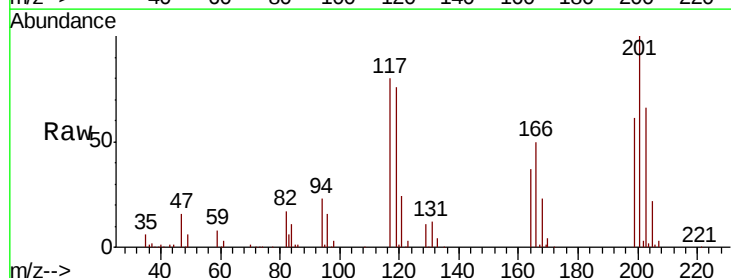
Tgt Ion:117 Resp: 100664

Ion Ratio Lower Upper

117 100

119 95.1 78.5 117.7

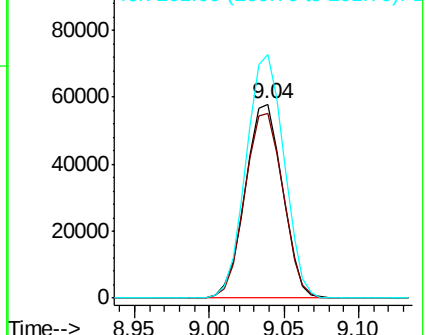
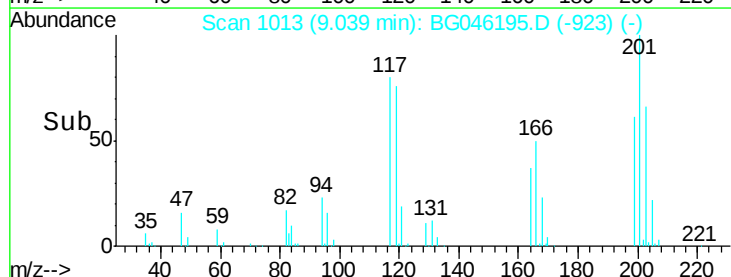
201 125.5 101.0 151.4

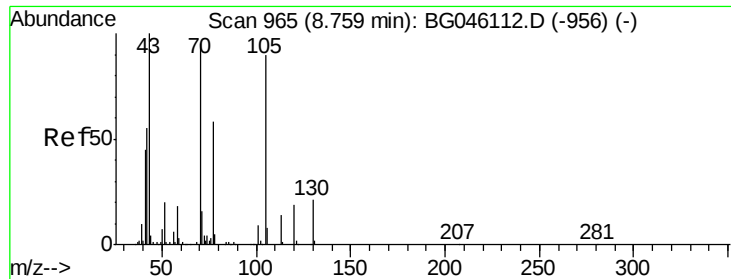


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

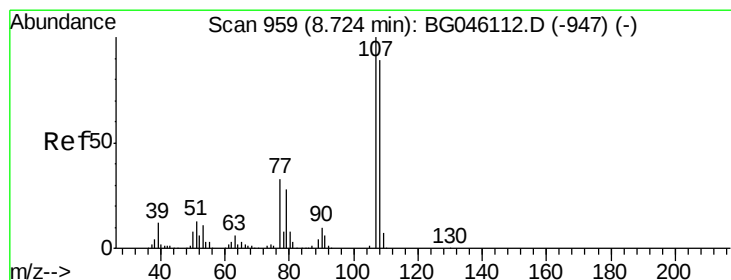
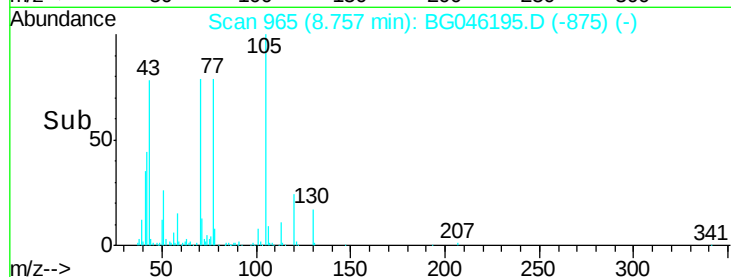
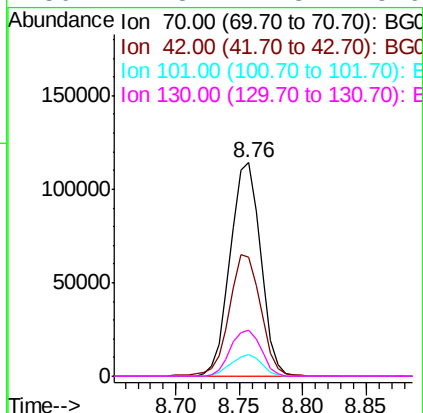
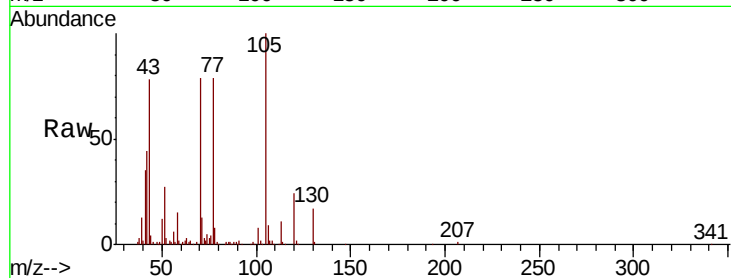




#19
n-Nitroso-di-n-propylamine
Concen: 39.671 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

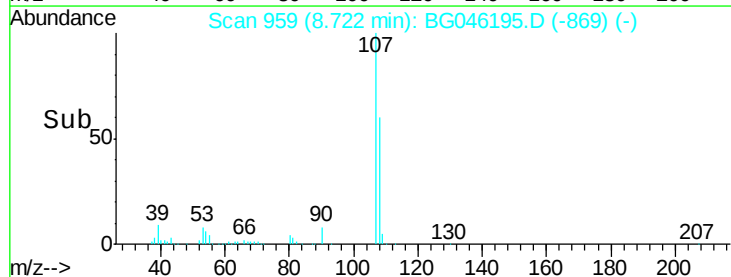
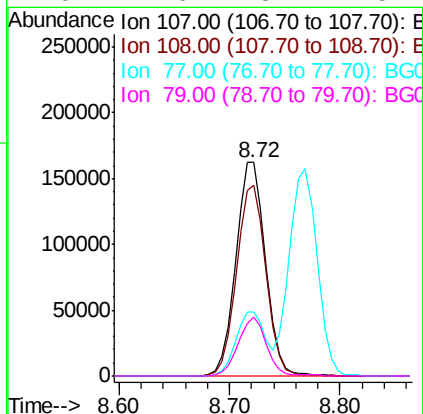
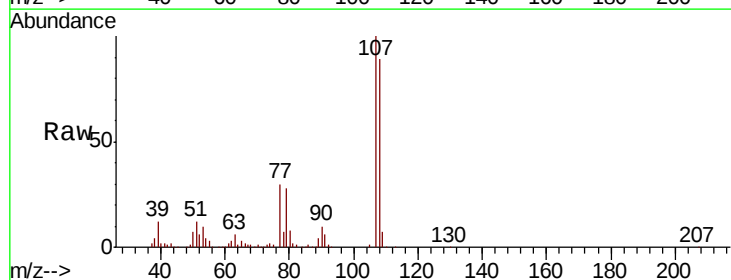
Instrument :
BNA_G
ClientSampleId :
TP-2MS

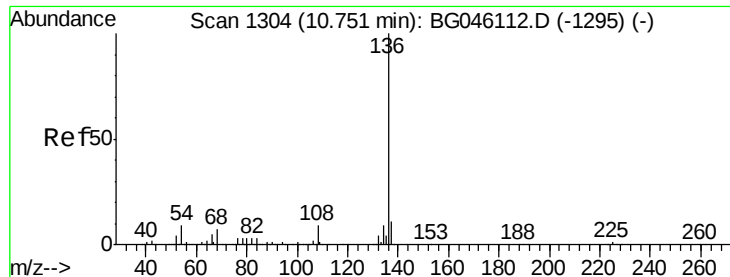
Tot Ion:	70	Resp:	189920
Ion	Ratio	Lower	Upper
70	100		
42	55.5	46.5	69.7
101	10.4	7.6	11.4
130	21.8	17.3	25.9



#20
3+4-Methylphenols
Concen: 44.836 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion:	107	Resp:	306202
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.1	109.1
77	29.9	12.5	52.5
79	27.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

Tot Ion:136 Resp: 367316

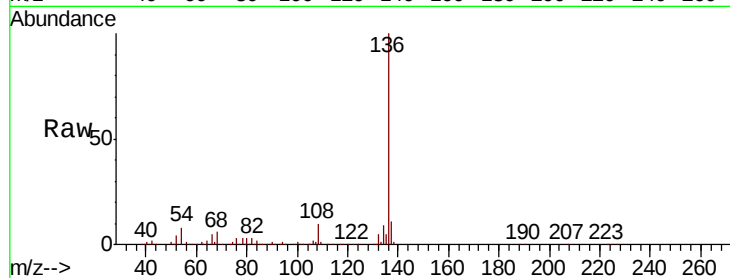
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 7.0 10.4

68 6.0 5.3 7.9

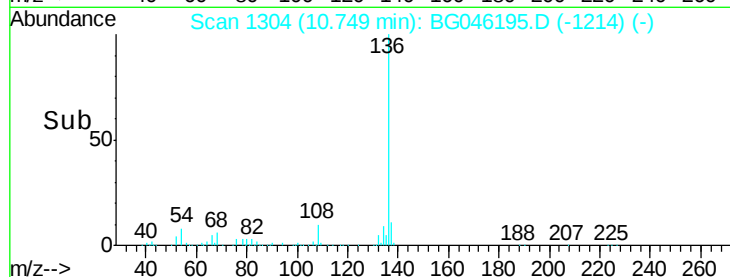


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

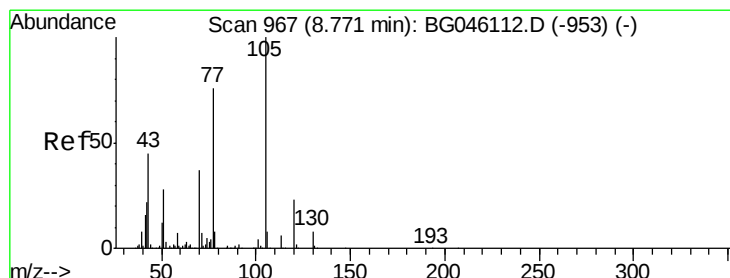
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

10.75



#22

Acetophenone

Concen: 38.794 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Tgt Ion:105 Resp: 365700

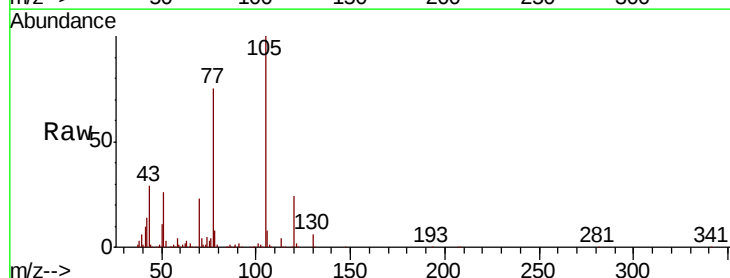
Ion Ratio Lower Upper

105 100

71 4.0 5.3 7.9#

51 26.0 22.7 34.1

120 24.2 18.7 28.1

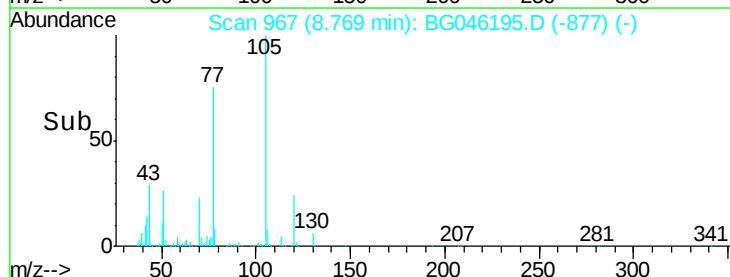


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

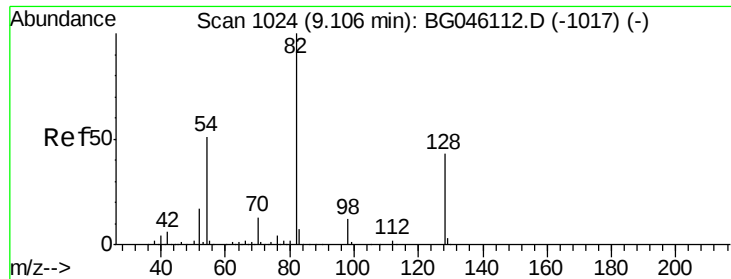
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

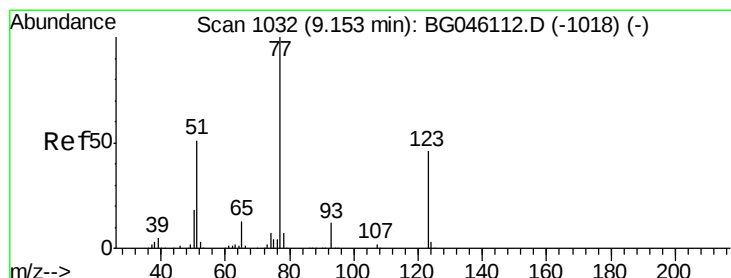
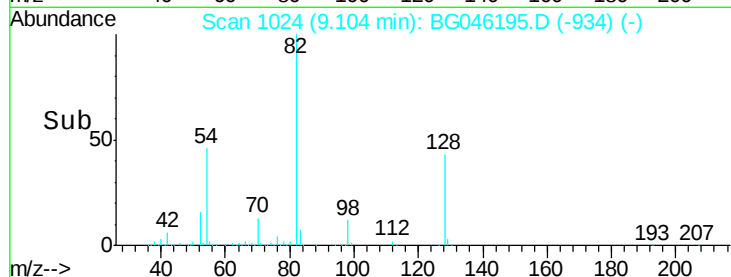
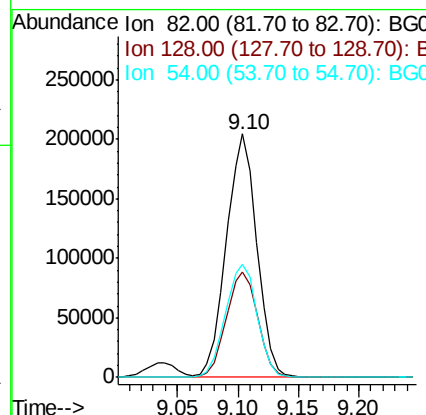
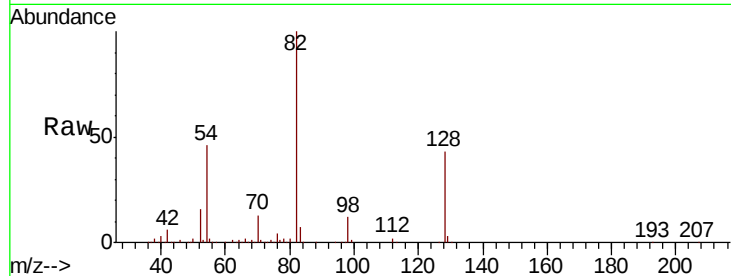
8.77



#23
 Nitrobenzene-d5
 Concen: 52.435 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

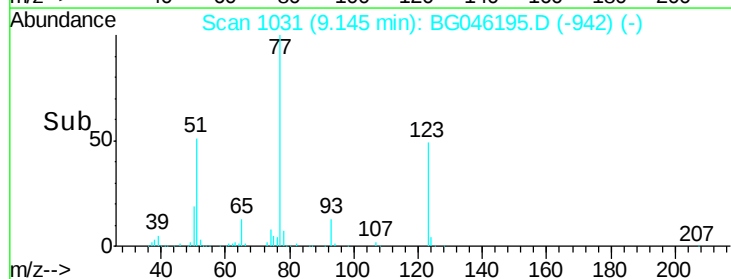
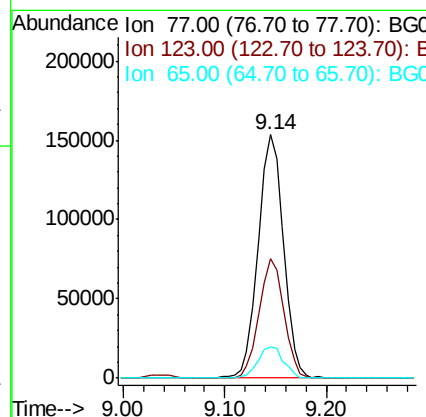
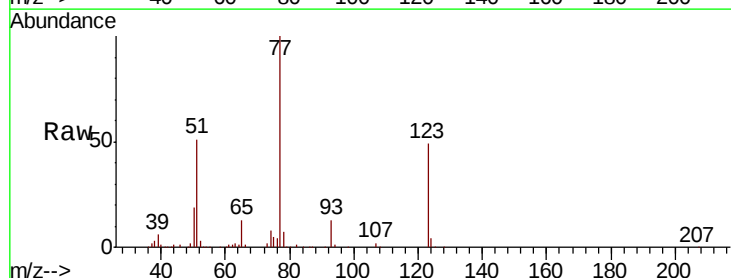
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MS

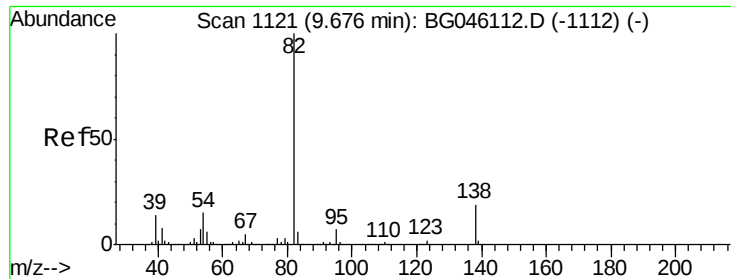
Tot Ion	82	Resp	355731
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.4	51.6
54	46.4	40.8	61.2



#24
 Nitrobenzene
 Concen: 36.938 ng
 RT: 9.14 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

Tgt Ion	77	Resp	267181
Ion Ratio	Lower	Upper	
77	100		
123	48.9	36.8	55.2
65	13.0	10.2	15.2





#25

Isophorone

Concen: 39.185 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

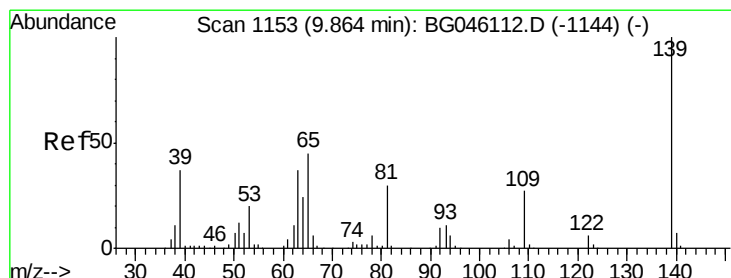
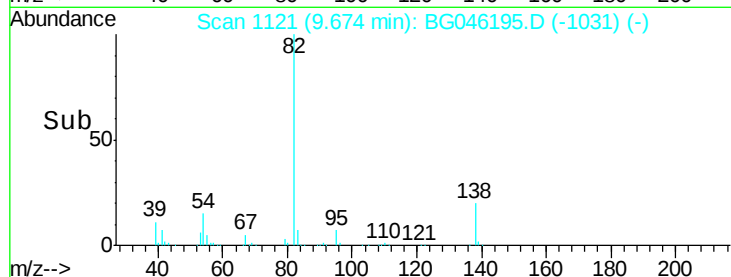
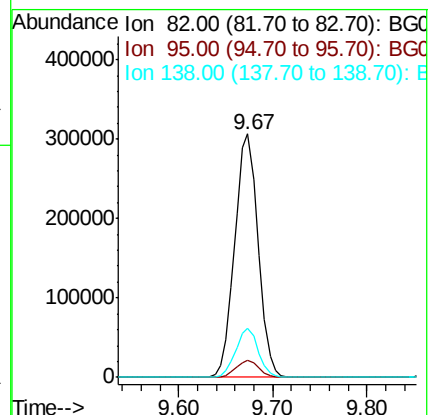
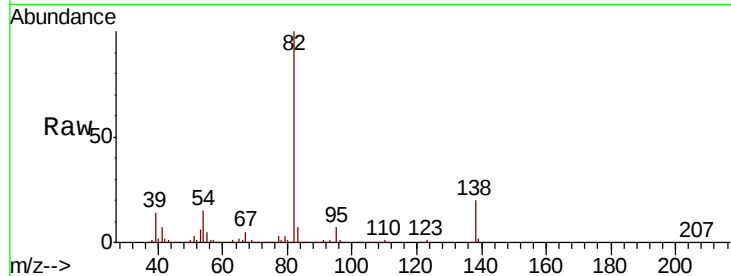
Tot Ion: 82 Resp: 528971

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 20.1 15.3 22.9



#26

2-Nitrophenol

Concen: 47.511 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

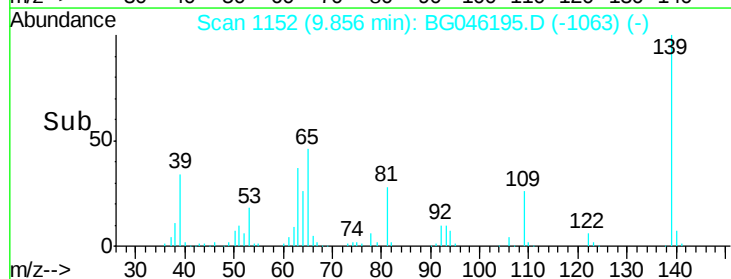
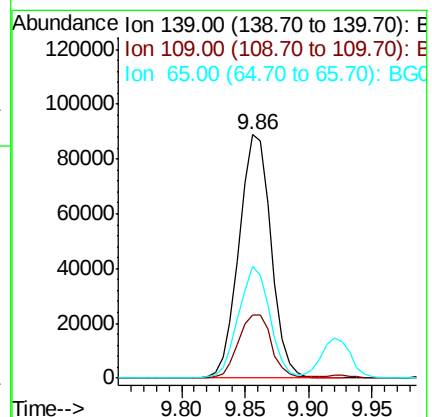
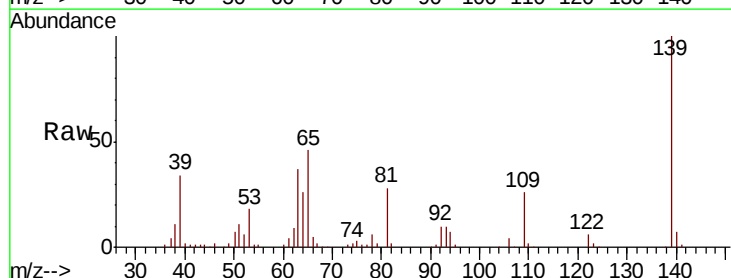
Tgt Ion: 139 Resp: 155748

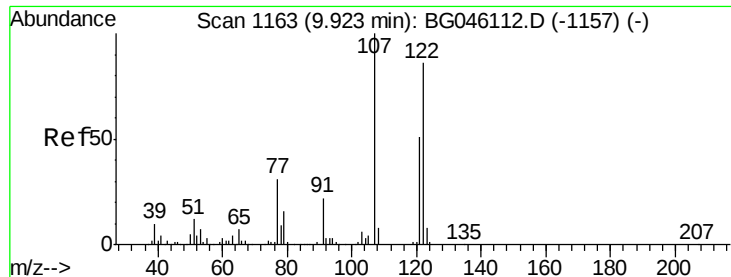
Ion Ratio Lower Upper

139 100

109 25.8 21.8 32.8

65 46.1 36.2 54.2

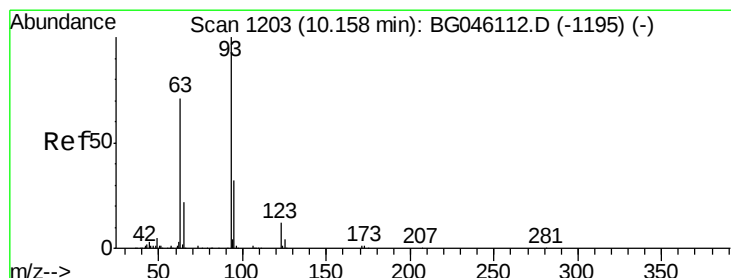
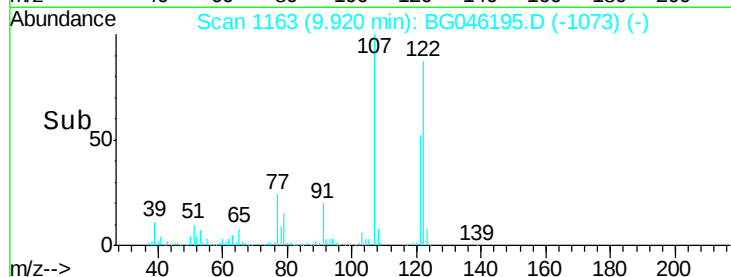
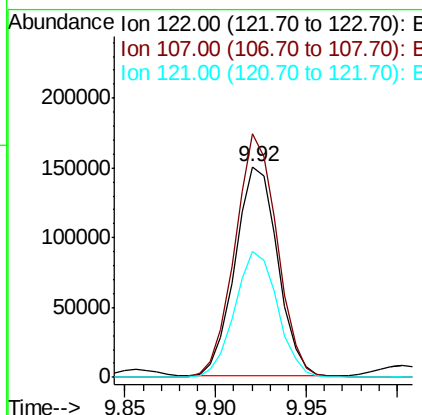
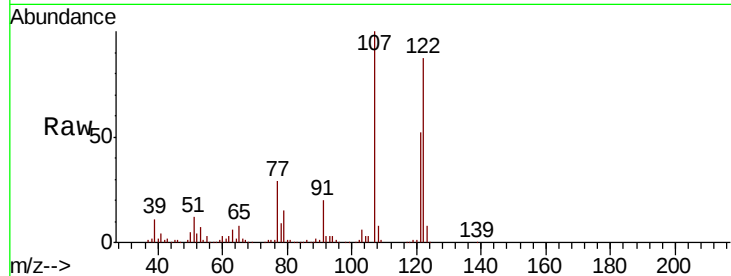




#27
 2,4-Dimethylphenol
 Concen: 45.908 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

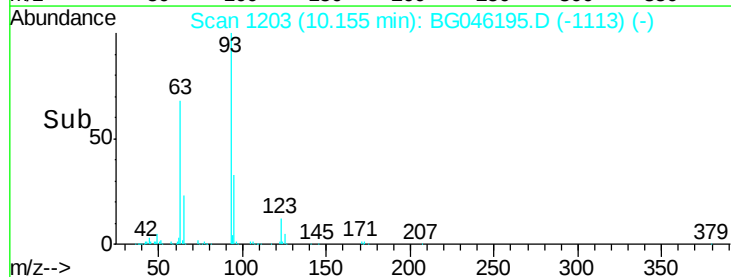
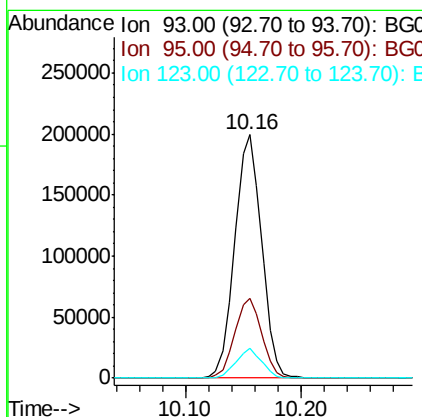
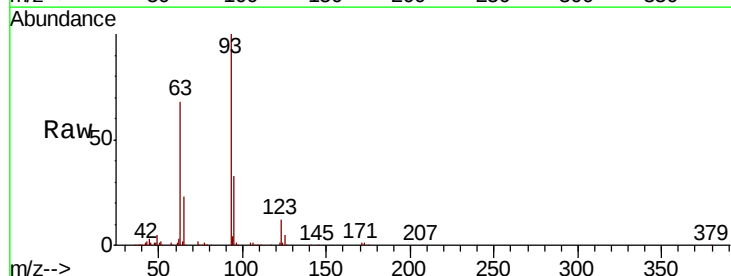
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MS

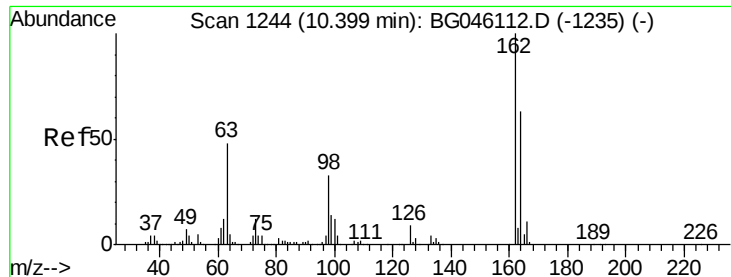
Tot Ion:122 Resp: 244848
 Ion Ratio Lower Upper
 122 100
 107 115.5 92.4 138.6
 121 59.9 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.744 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

Tgt Ion: 93 Resp: 321089
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 46.252 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampled :

TP-2MS

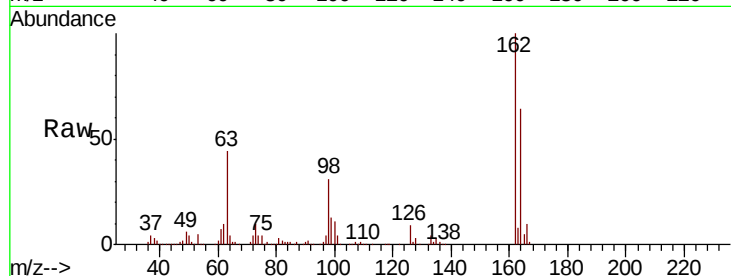
Tot Ion:162 Resp: 290176

Ion Ratio Lower Upper

162 100

164 63.7 43.3 83.3

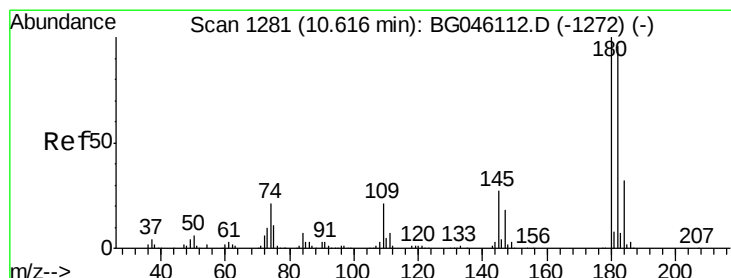
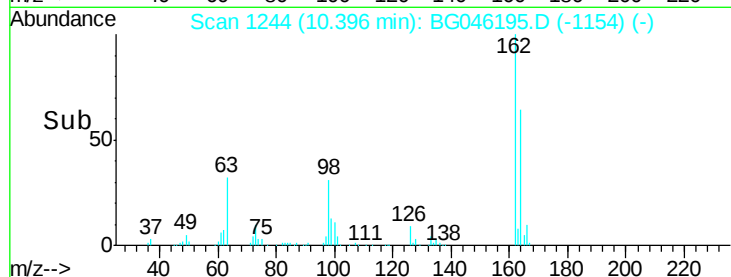
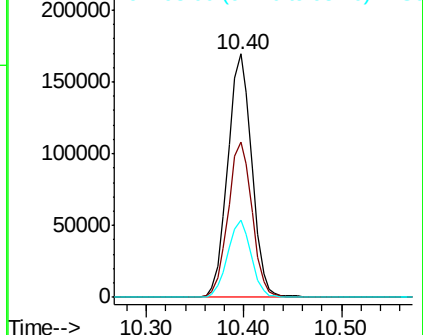
98 31.5 13.1 53.1



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



#30

1,2,4-Trichlorobenzene

Concen: 40.621 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

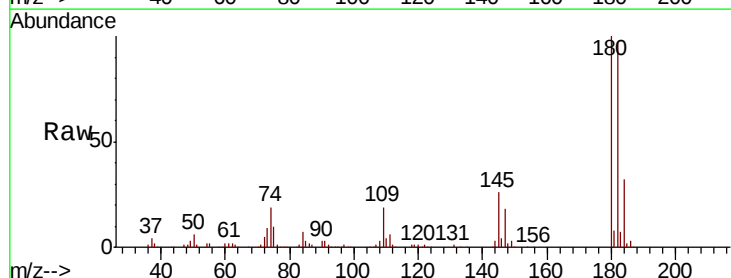
Tgt Ion:180 Resp: 298547

Ion Ratio Lower Upper

180 100

182 96.6 76.7 115.1

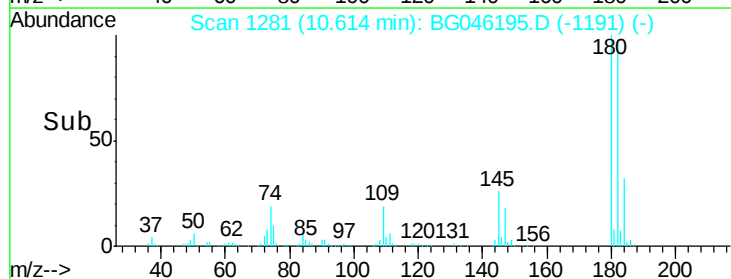
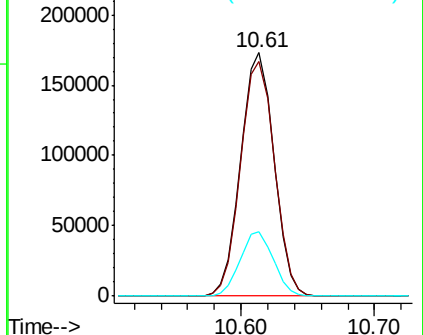
145 26.4 21.8 32.8

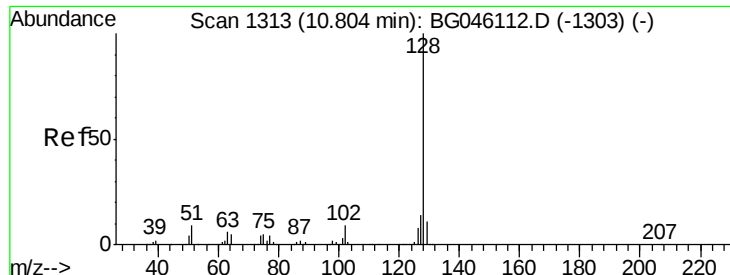


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

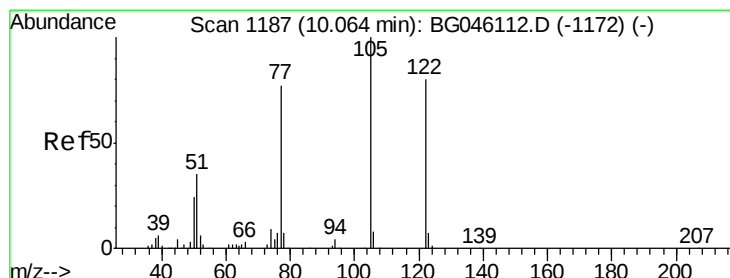
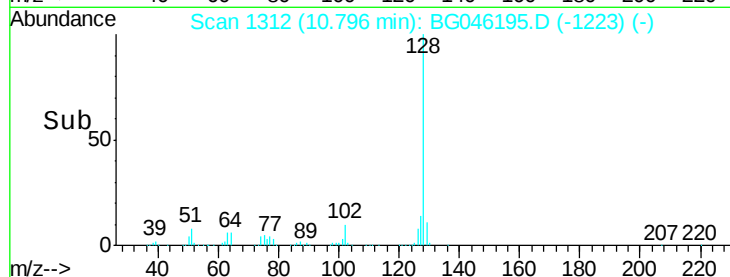
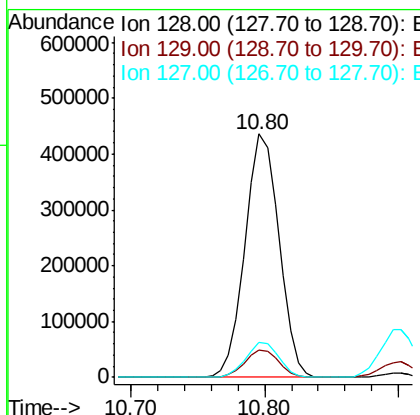
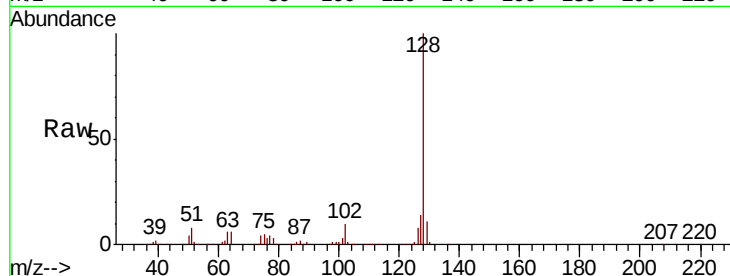




#31
Naphthalene
Concen: 39.458 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

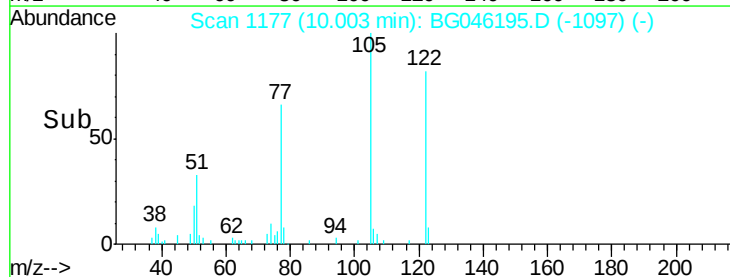
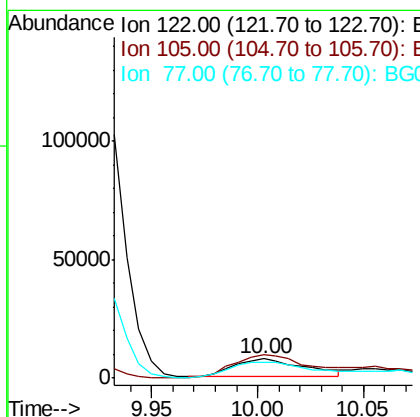
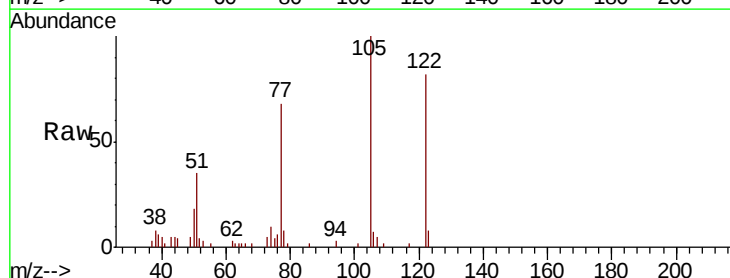
Instrument :
BNA_G
ClientSampleId :
TP-2MS

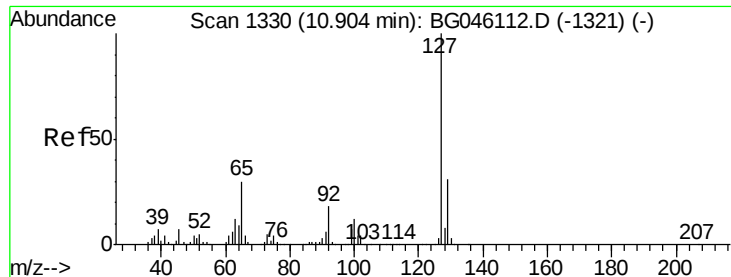
Tot Ion:128 Resp: 766885
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 14.2 11.3 16.9



#32
Benzoic acid
Concen: 12.754 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.06 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion:122 Resp: 16312
Ion Ratio Lower Upper
122 100
105 122.4 103.0 143.0
77 82.9 75.2 115.2

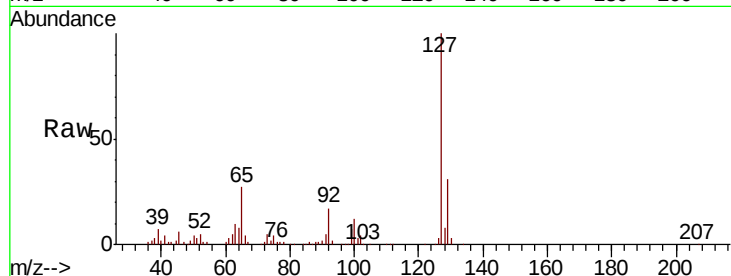




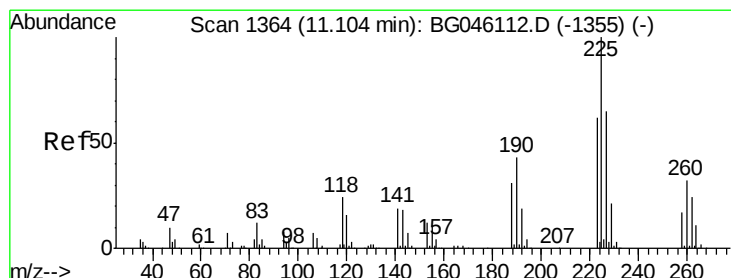
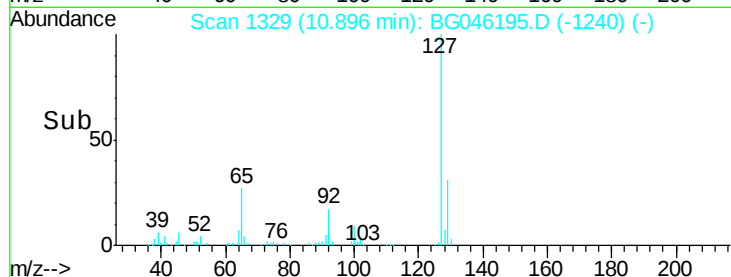
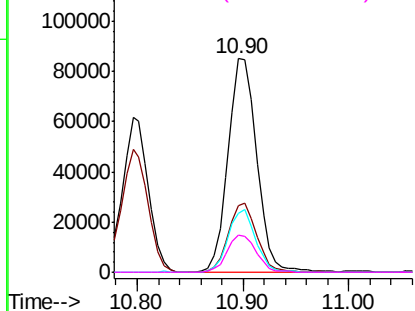
#33
4-Chloroaniline
Concen: 20.200 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Instrument :
BNA_G
ClientSampled :
TP-2MS

Tot Ion:	127	Resp:	160427
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.2	37.8
65	27.4	24.2	36.2
92	17.3	14.5	21.7

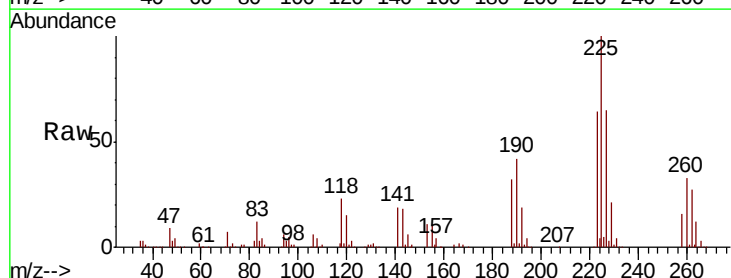


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

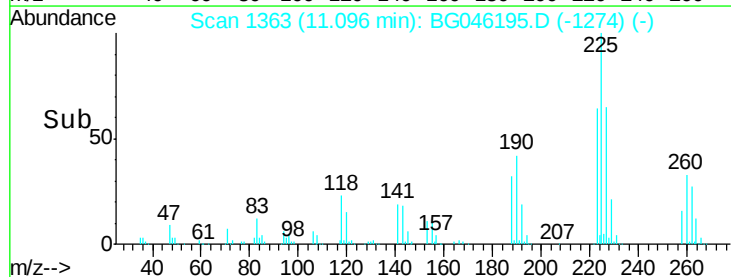
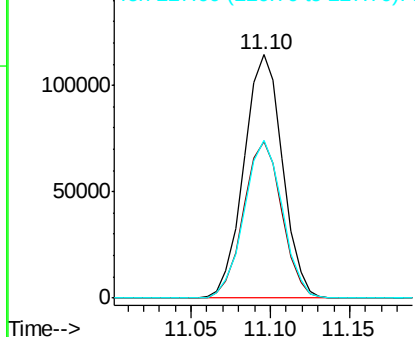


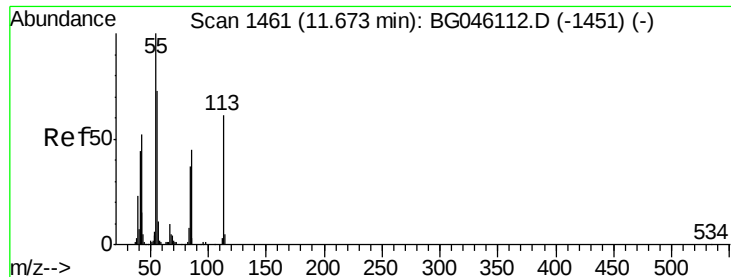
#34
Hexachlorobutadiene
Concen: 39.485 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion:	225	Resp:	193182
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.8	74.6
227	65.0	51.9	77.9



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





#35

Caprolactam

Concen: 58.274 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

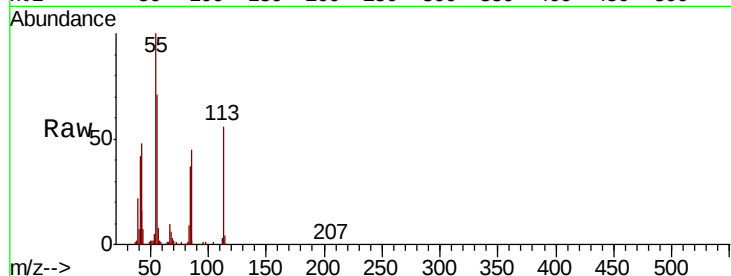
Tot Ion:113 Resp: 119664

Ion Ratio Lower Upper

113 100

55 179.4 144.7 184.7

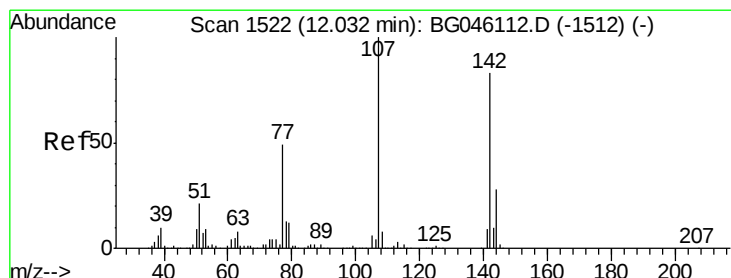
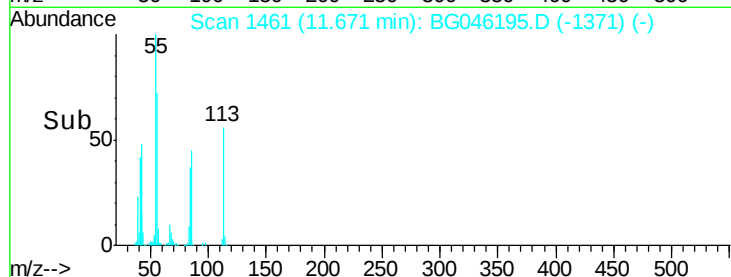
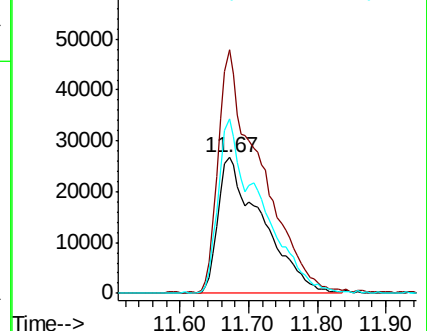
56 128.3 99.4 139.4



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: 45.806 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

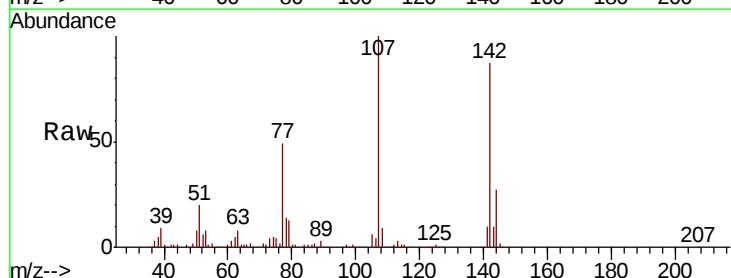
Tgt Ion:107 Resp: 282022

Ion Ratio Lower Upper

107 100

144 27.5 22.4 33.6

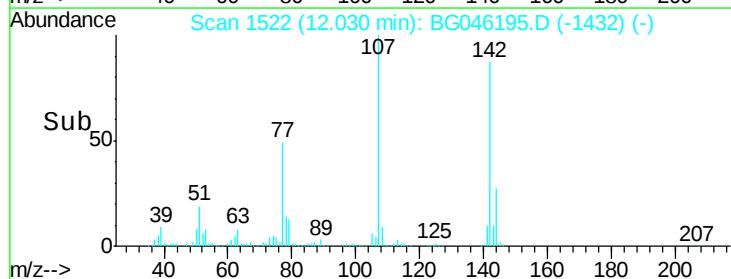
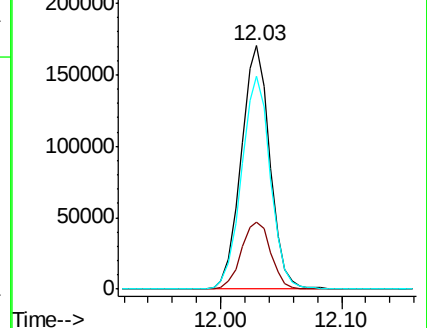
142 87.4 66.6 100.0

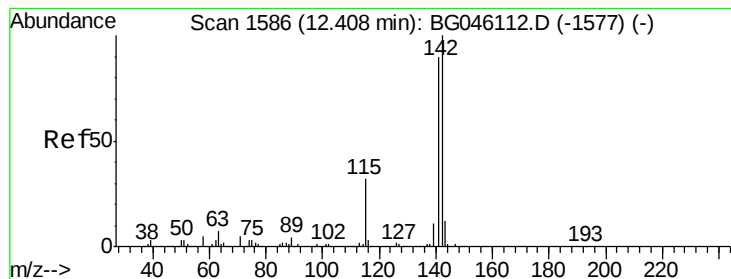


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.492 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

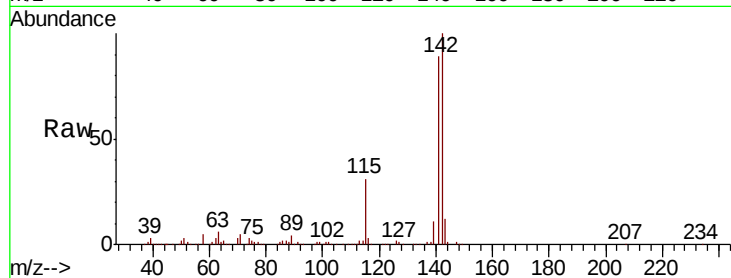
Tot Ion:142 Resp: 605551

Ion Ratio Lower Upper

142 100

141 89.4 71.7 107.5

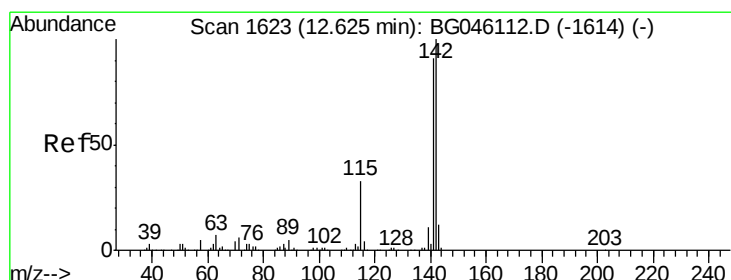
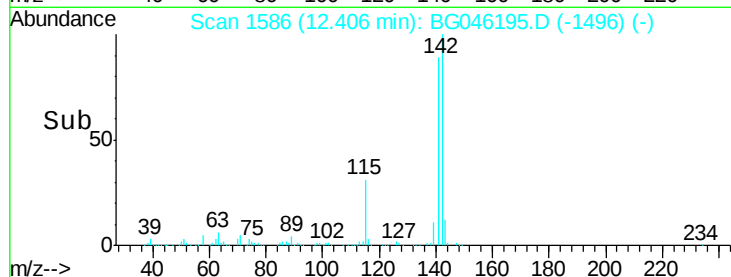
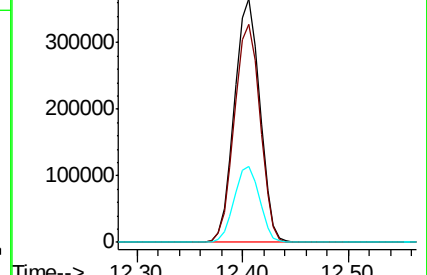
115 30.9 25.8 38.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.071 ng

RT: 12.62 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

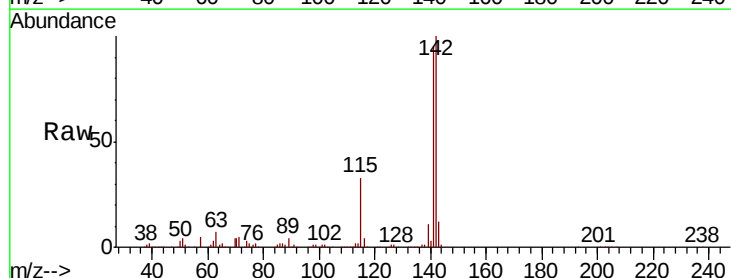
Tgt Ion:142 Resp: 581225

Ion Ratio Lower Upper

142 100

141 95.0 73.0 109.4

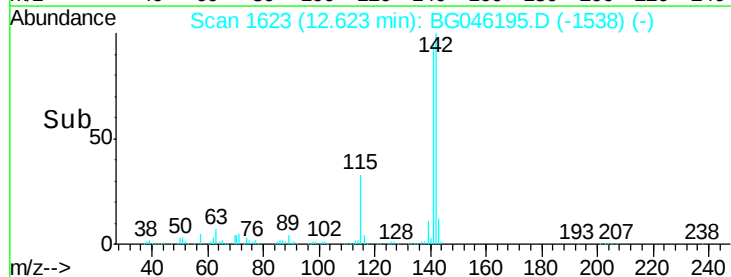
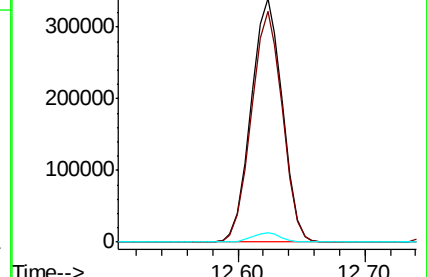
116 3.7 2.8 4.2

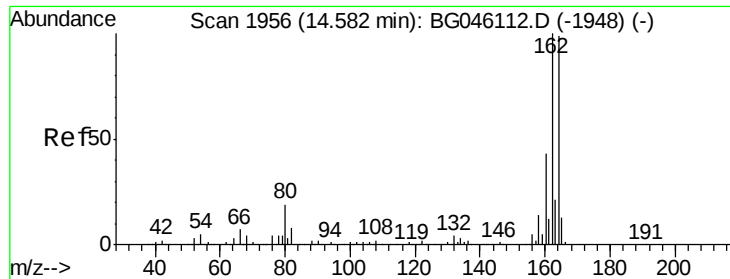


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

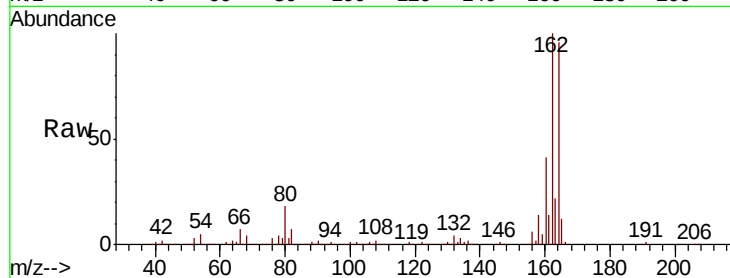
Tot Ion:164 Resp: 259008

Ion Ratio Lower Upper

164 100

162 104.3 80.6 121.0

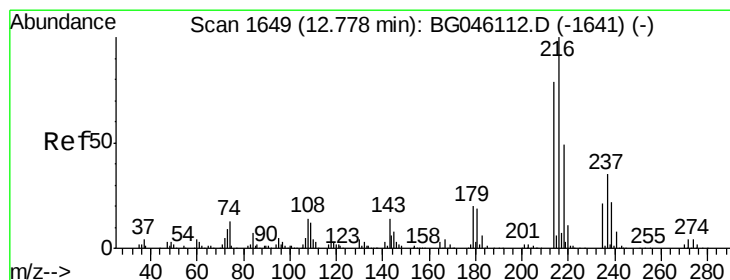
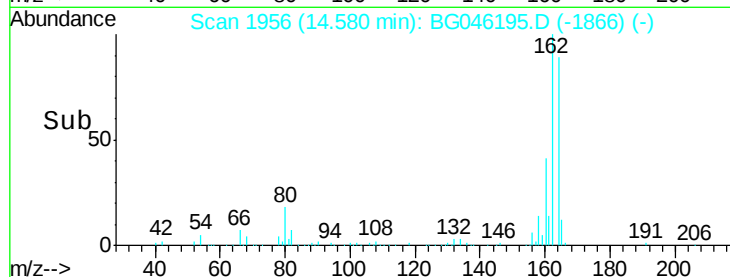
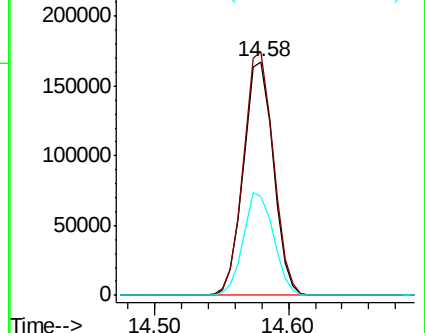
160 42.5 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.940 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Tgt Ion:216 Resp: 354059

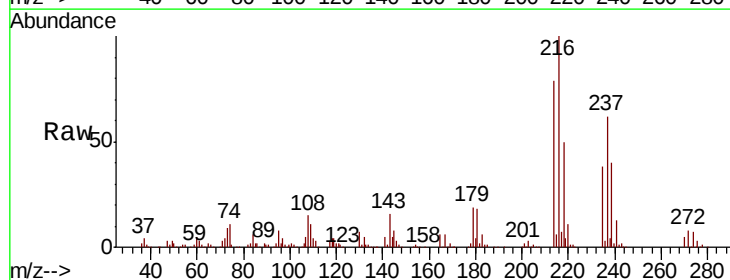
Ion Ratio Lower Upper

216 100

214 78.3 62.7 94.1

179 19.0 15.0 22.6

108 15.7 11.6 17.4

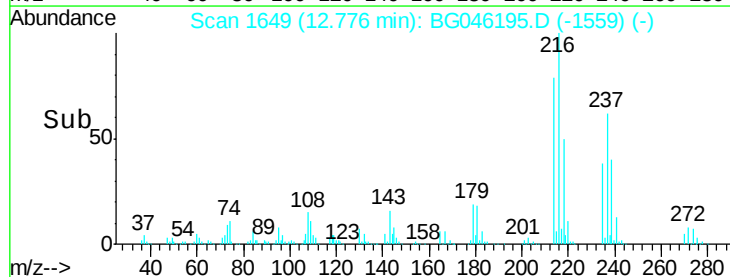
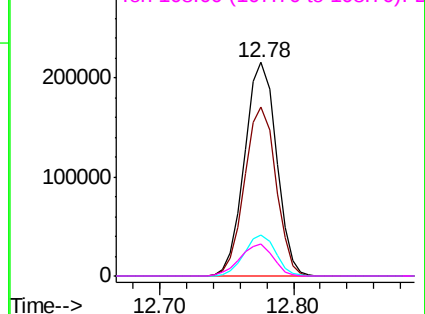


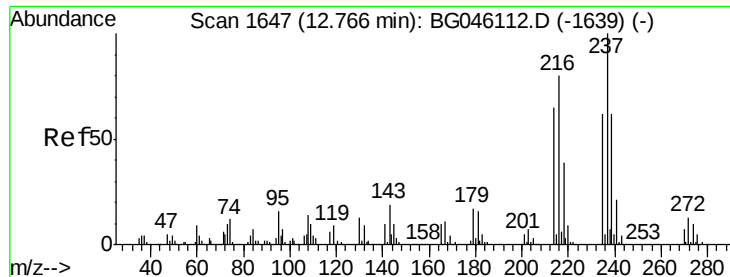
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.793 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

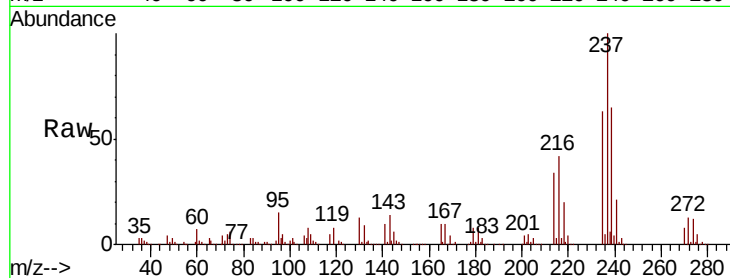
Tot Ion:237 Resp: 469939

Ion Ratio Lower Upper

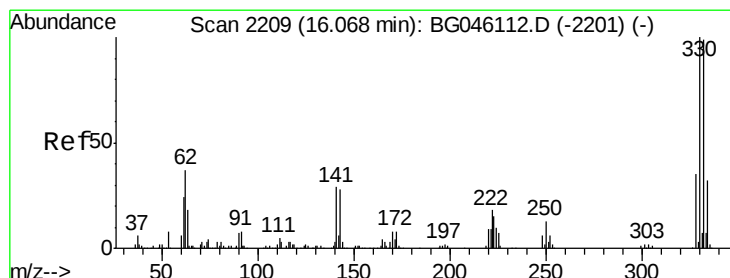
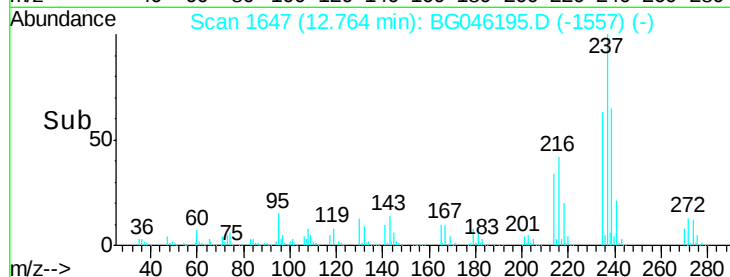
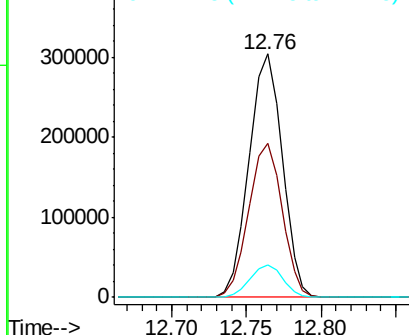
237 100

235 63.3 42.3 82.3

272 13.5 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 98.483 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

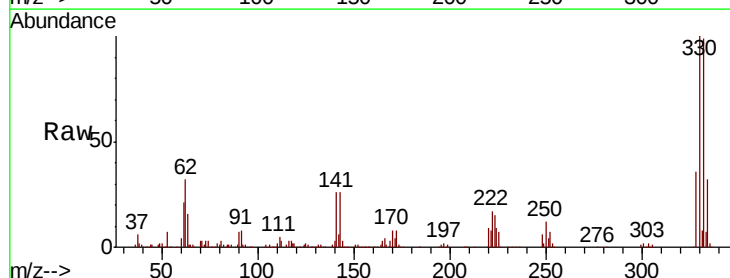
Tgt Ion:330 Resp: 391798

Ion Ratio Lower Upper

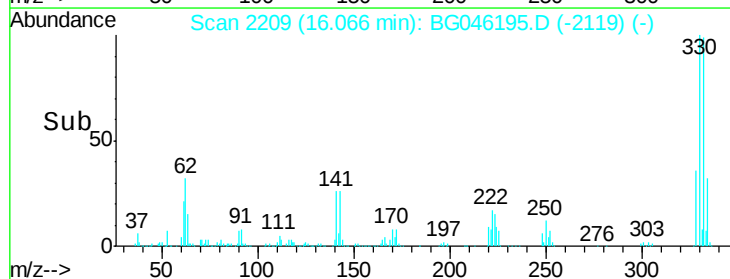
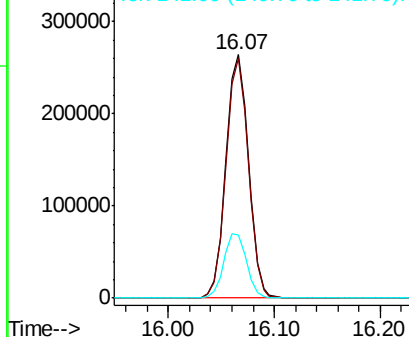
330 100

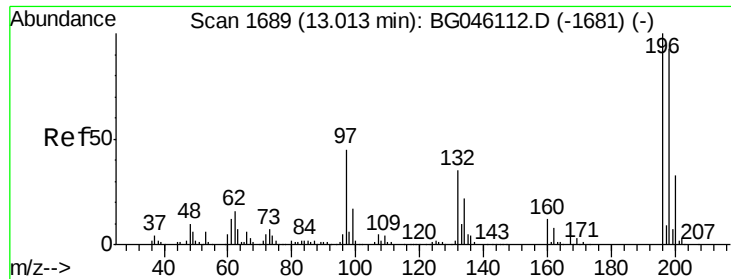
332 97.2 77.4 116.2

141 26.7 23.4 35.0



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

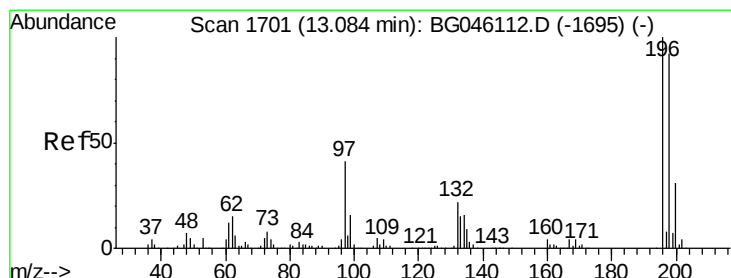
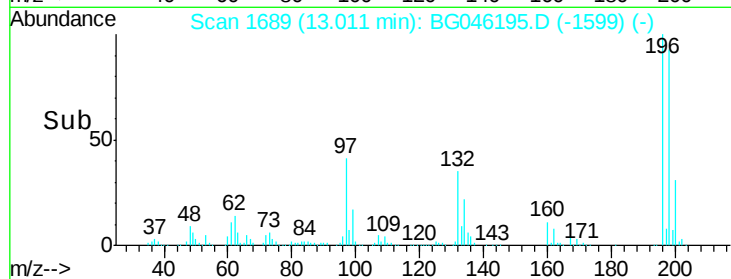
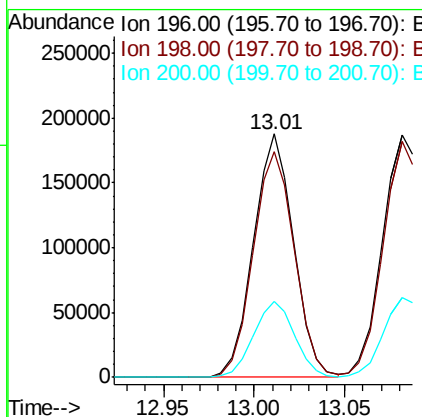
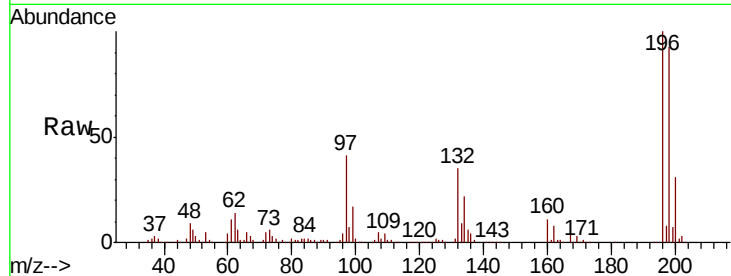




#43
 2,4,6-Trichlorophenol
 Concen: 48.439 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

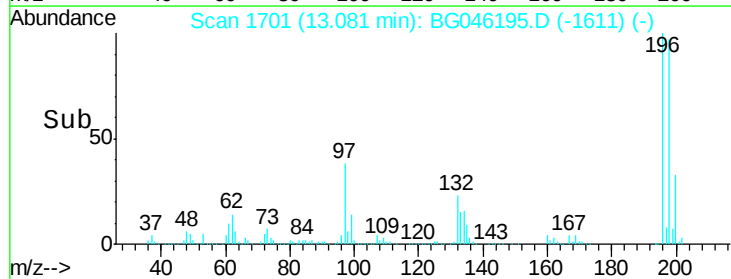
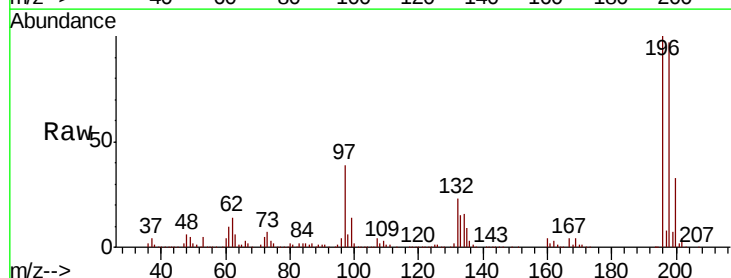
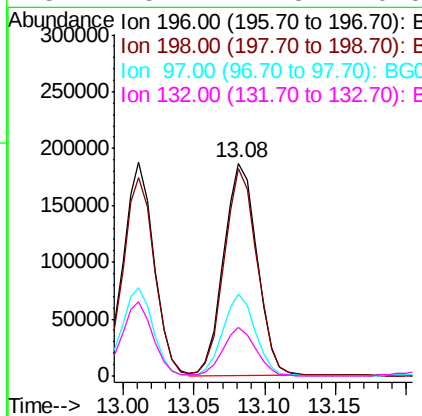
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MS

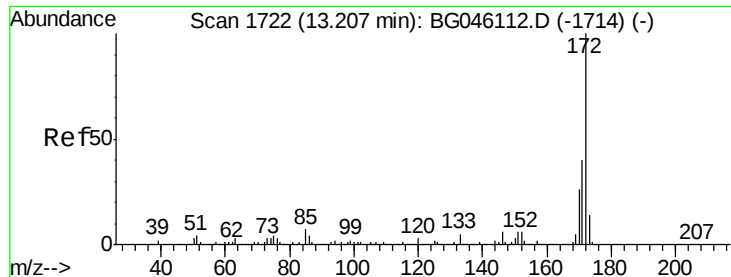
Tot Ion	196	Resp	288397
Ion Ratio	100	Lower	Upper
196	100		
198	92.7	74.2	111.4
200	31.1	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 47.505 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

Tgt Ion	196	Resp	308602
Ion Ratio	100	Lower	Upper
196	100		
198	97.2	73.9	110.9
97	38.6	32.7	49.1
132	23.1	17.8	26.8

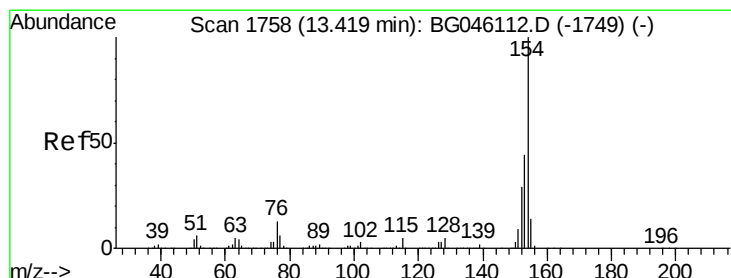
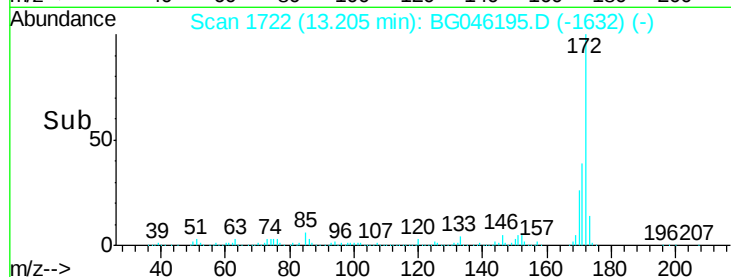
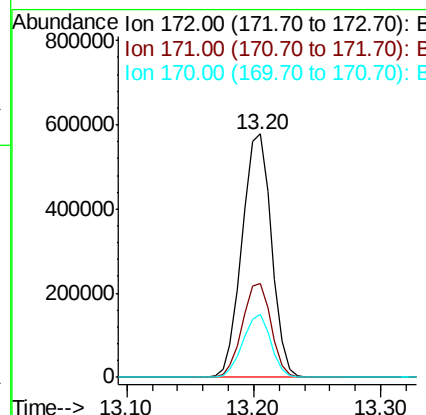
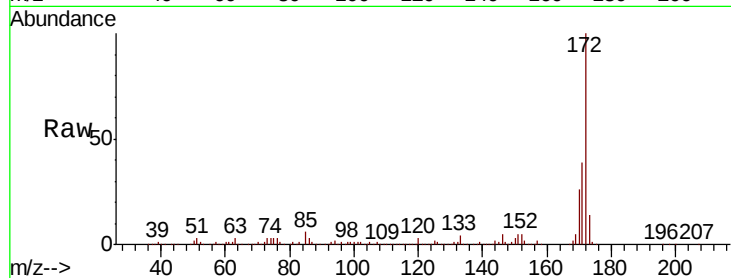




#45
 2-Fluorobiphenyl
 Concen: 52.189 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

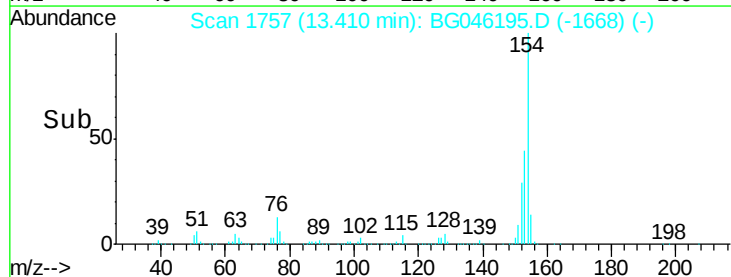
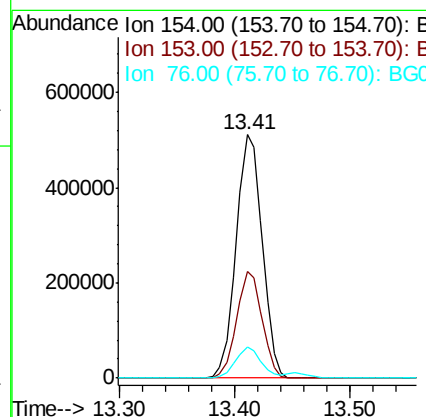
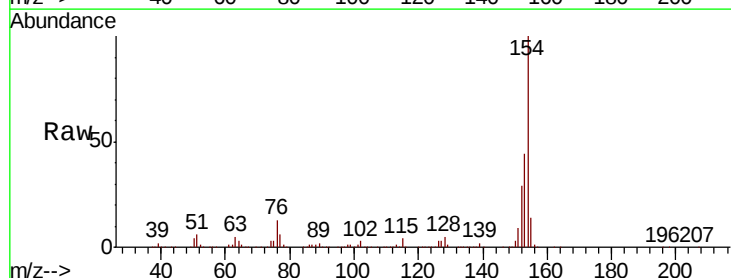
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.7	47.5
170	25.8	20.9	31.3



#46
 1,1'-Biphenyl
 Concen: 39.311 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	23.7	63.7
76	12.6	0.0	32.9

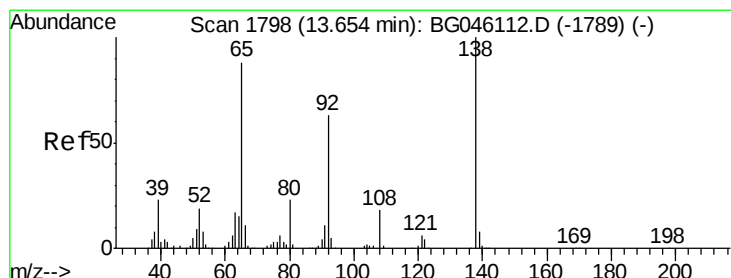
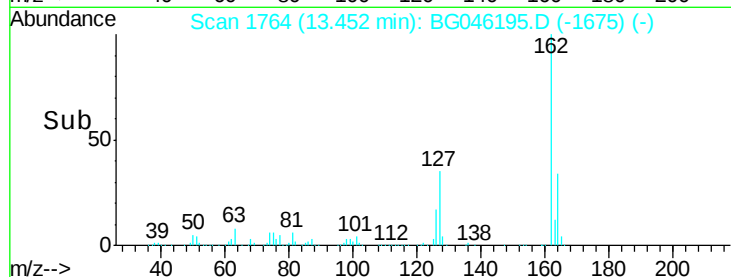
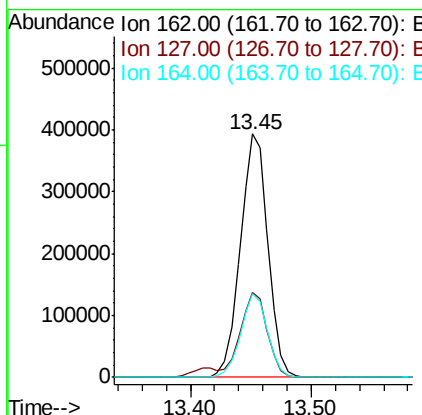
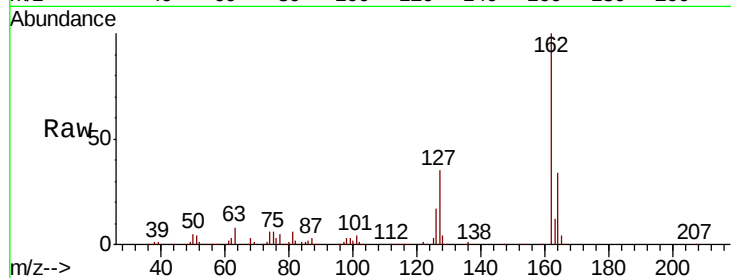




#47
2-Chloronaphthalene
Concen: 38.422 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

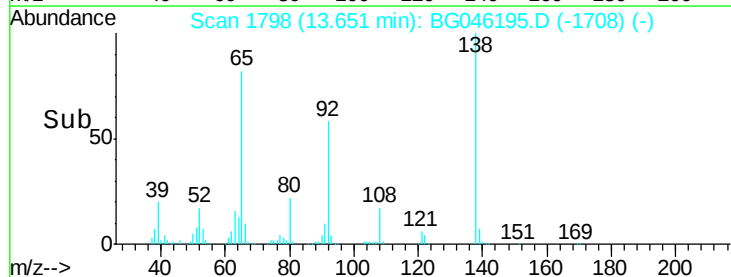
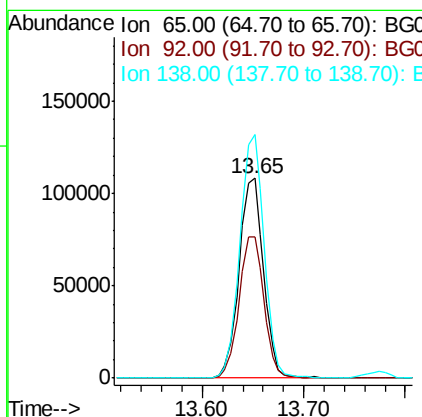
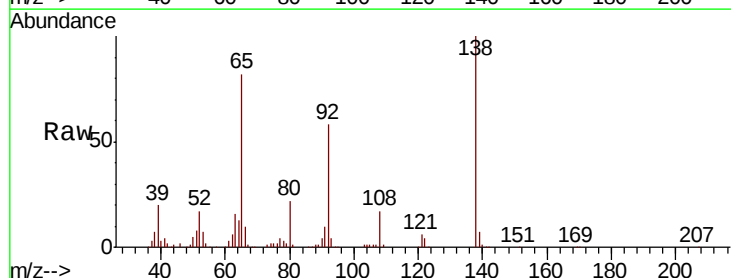
Instrument :
BNA_G
ClientSampleId :
TP-2MS

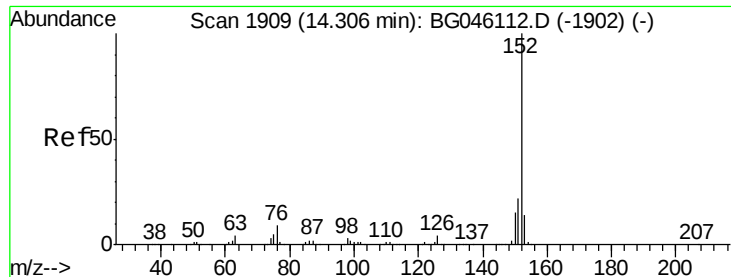
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.0	42.0
164	34.1	26.5	39.7



#48
2-Nitroaniline
Concen: 42.694 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	57.4	86.2
138	121.8	91.1	136.7





#49

Acenaphthylene

Concen: 40.270 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

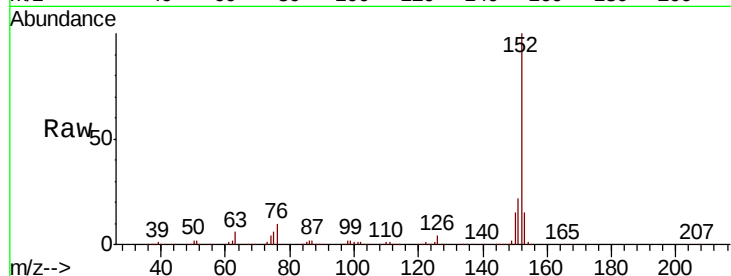
Tot Ion:152 Resp: 1013460

Ion Ratio Lower Upper

152 100

151 22.4 17.4 26.2

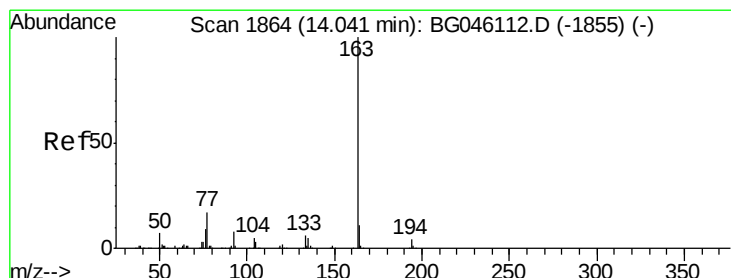
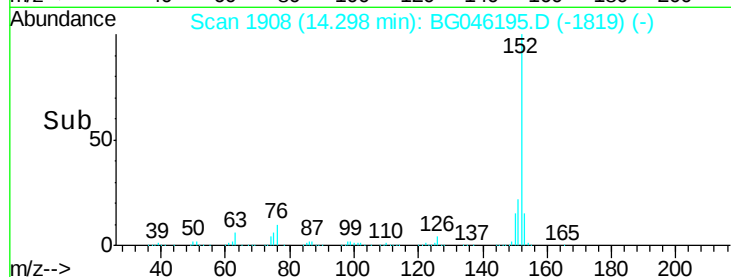
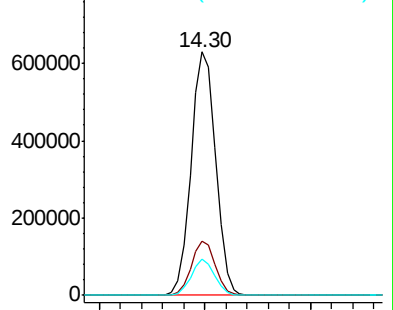
153 14.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.400 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

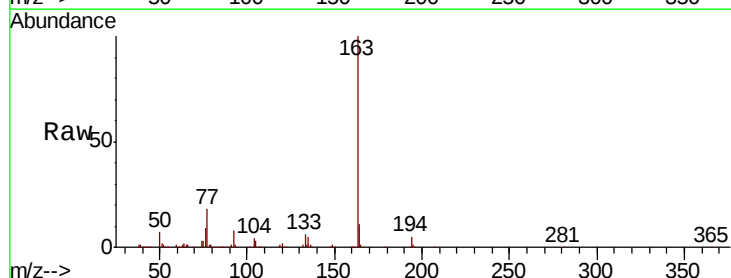
Tgt Ion:163 Resp: 962168

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

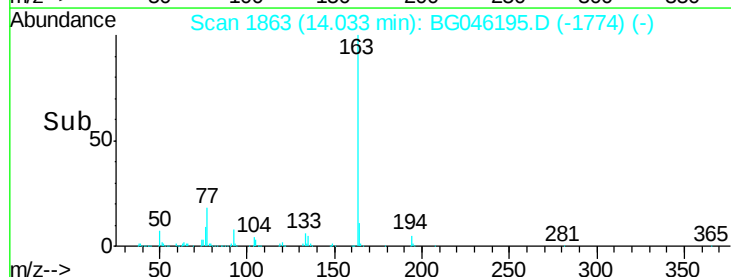
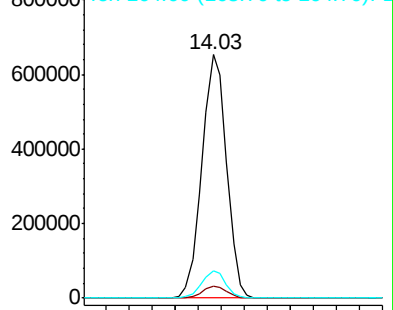
164 11.2 8.8 13.2

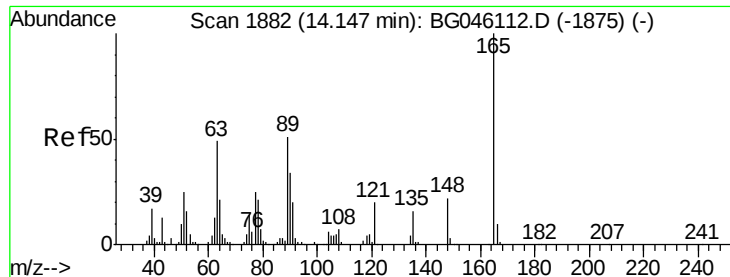


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

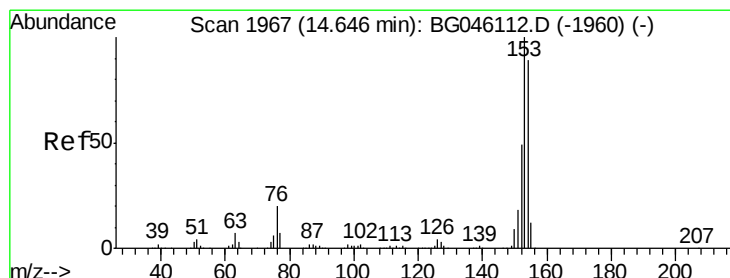
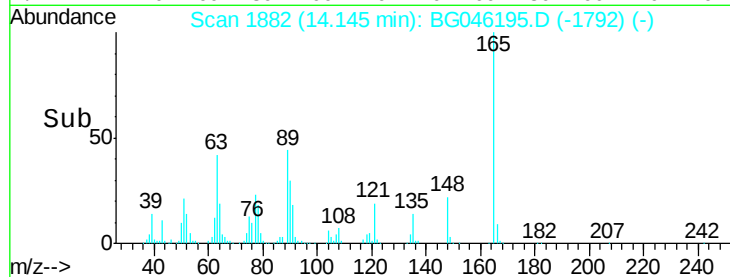
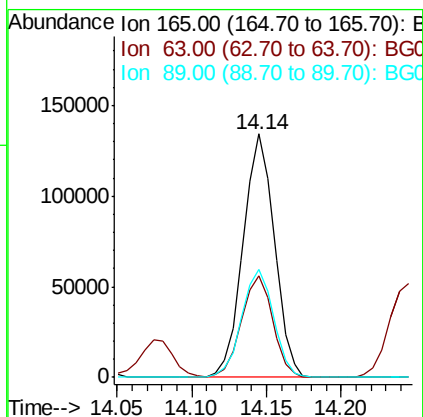
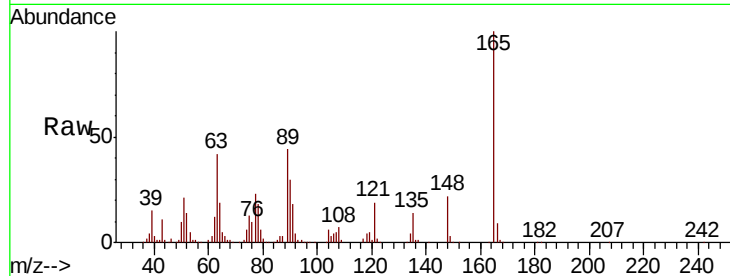




#51
 2,6-Dinitrotoluene
 Concen: 42.161 ng
 RT: 14.14 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

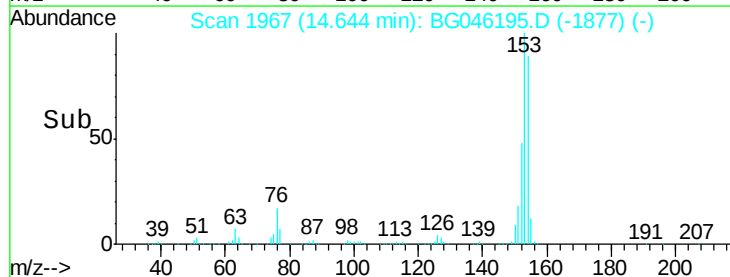
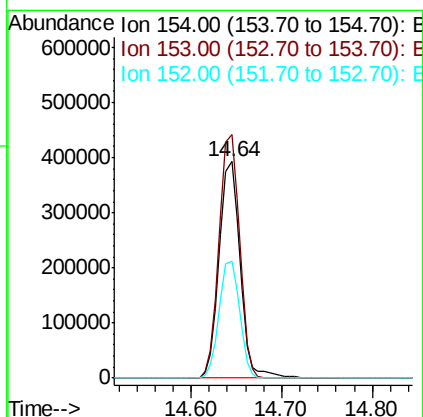
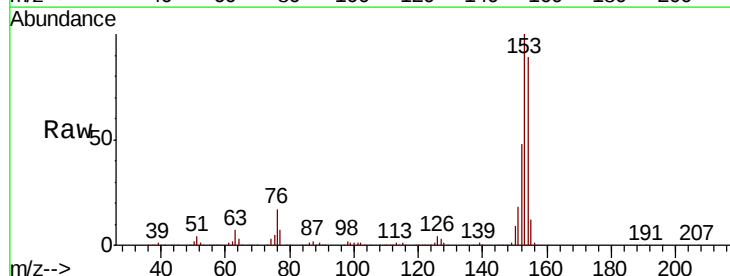
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MS

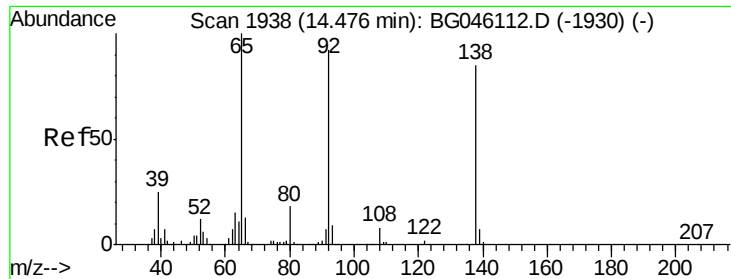
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	39.7	59.5
89	44.3	41.0	61.6



#52
 Acenaphthene
 Concen: 38.366 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.8	134.8
152	54.2	44.5	66.7

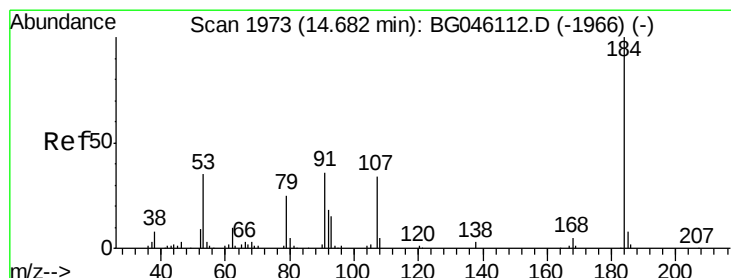
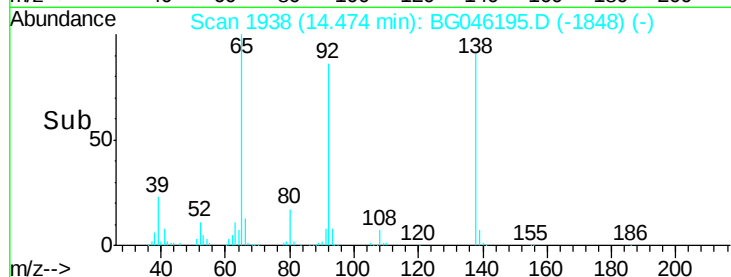
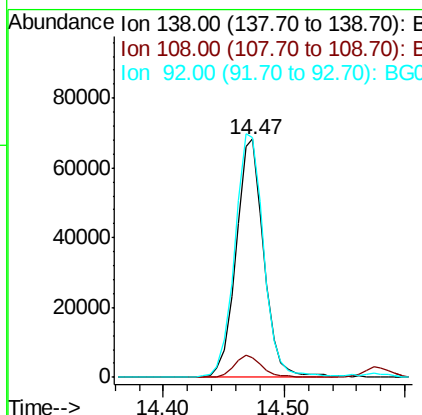
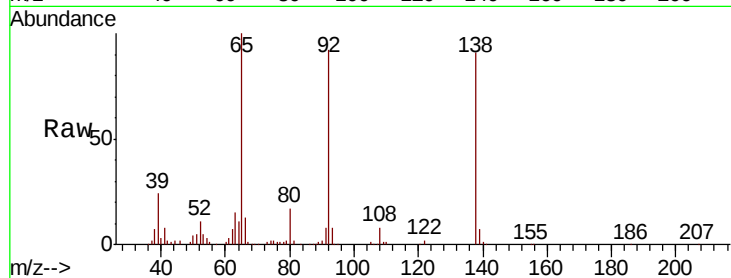




#53
3-Nitroaniline
Concen: 23.742 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

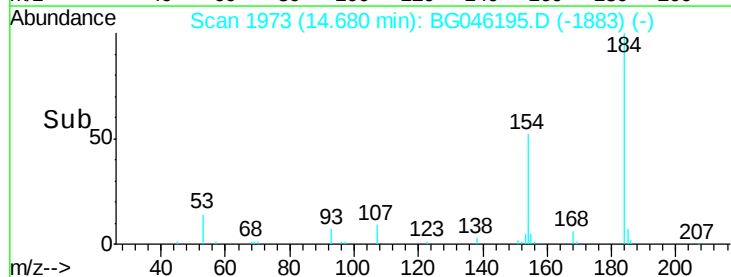
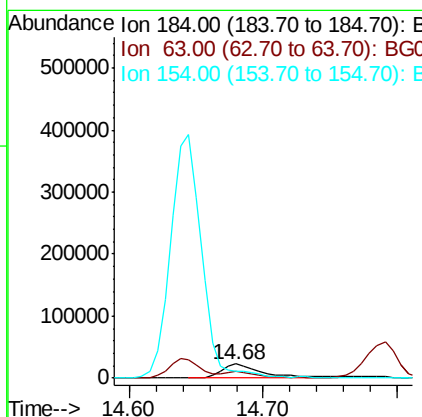
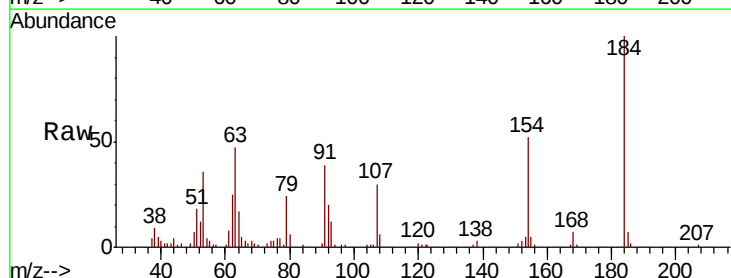
Instrument :
BNA_G
ClientSampleId :
TP-2MS

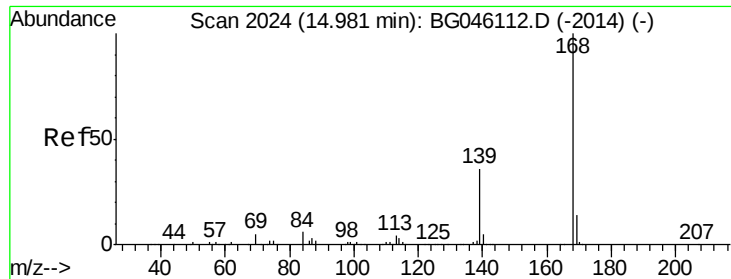
Tot Ion:138 Resp: 108899
Ion Ratio Lower Upper
138 100
108 8.4 7.2 10.8
92 100.9 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 22.671 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion:184 Resp: 50172
Ion Ratio Lower Upper
184 100
63 47.4 36.7 55.1
154 52.4 41.3 61.9

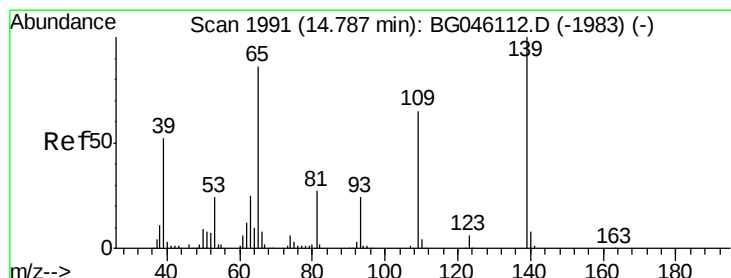
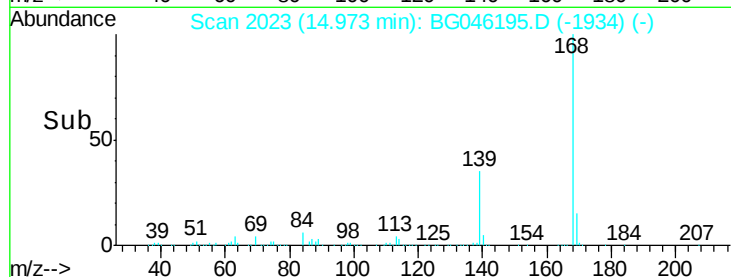
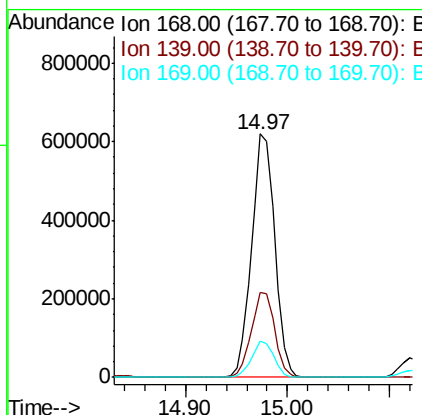
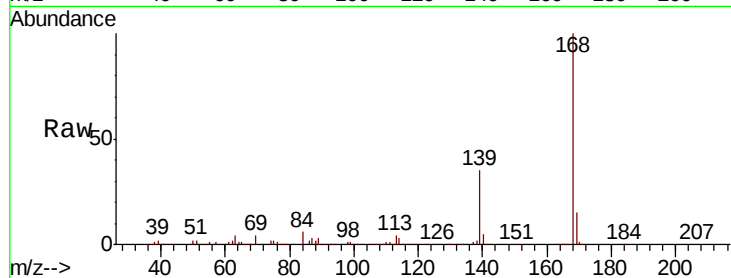




#55
Dibenzofuran
Concen: 39.179 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

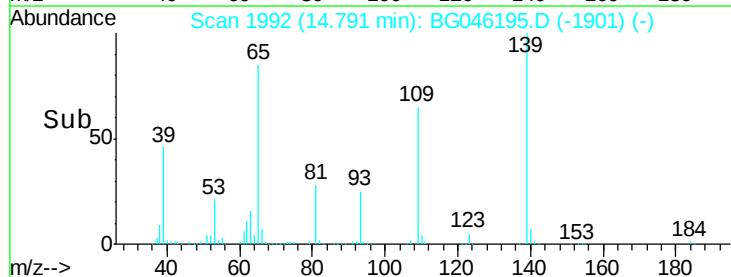
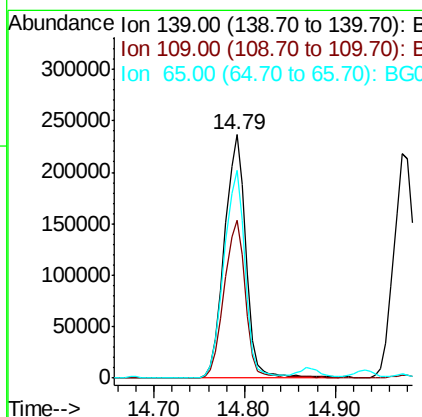
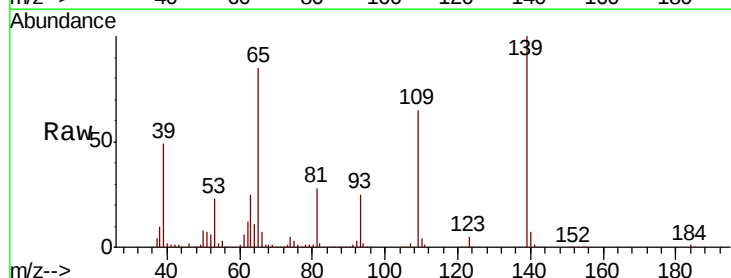
Instrument :
BNA_G
ClientSampleId :
TP-2MS

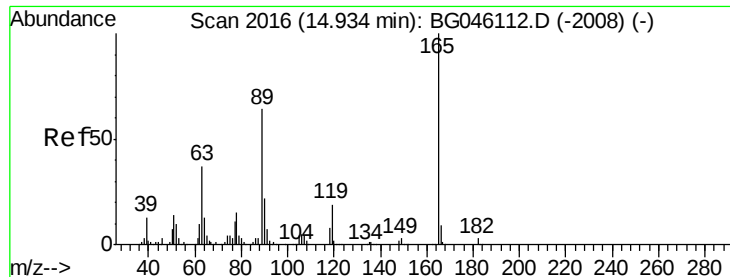
Tot Ion:168 Resp: 981938
Ion Ratio Lower Upper
168 100
139 35.1 29.0 43.4
169 14.6 11.3 16.9



#56
4-Nitrophenol
Concen: 97.877 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion:139 Resp: 389764
Ion Ratio Lower Upper
139 100
109 64.9 45.1 85.1
65 85.1 66.4 106.4

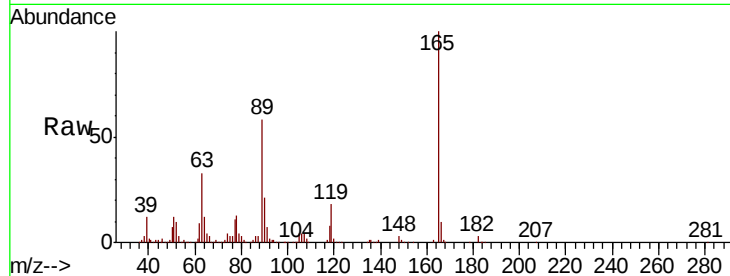




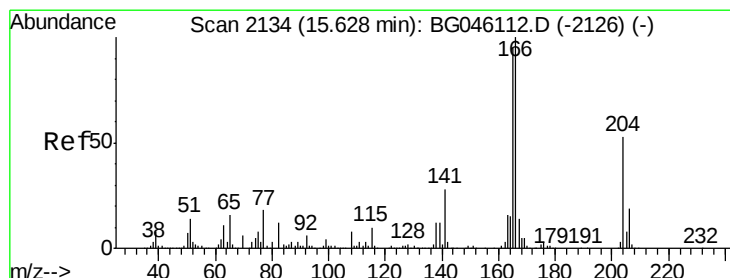
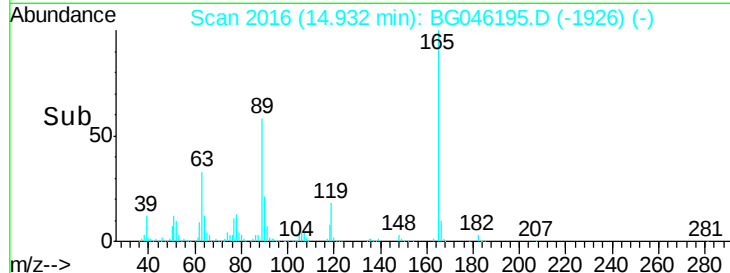
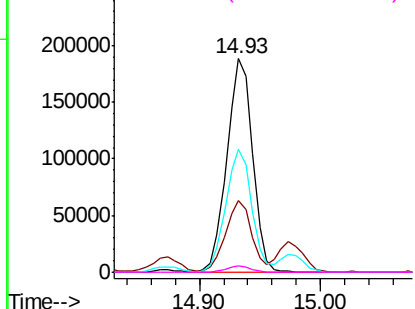
#57
2,4-Dinitrotoluene
Concen: 43.790 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Instrument :
BNA_G
ClientSampleId :
TP-2MS

Tot Ion:165 Resp: 278550
Ion Ratio Lower Upper
165 100
63 33.3 30.1 45.1
89 57.7 51.4 77.2
182 3.0 2.3 3.5

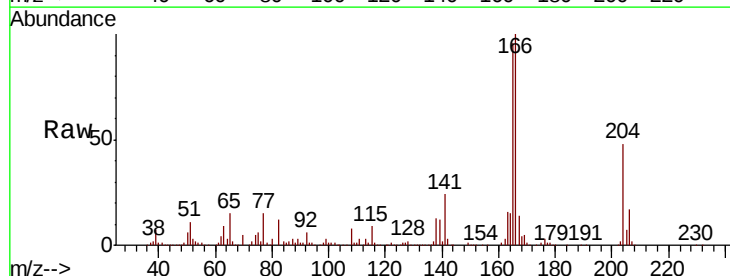


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

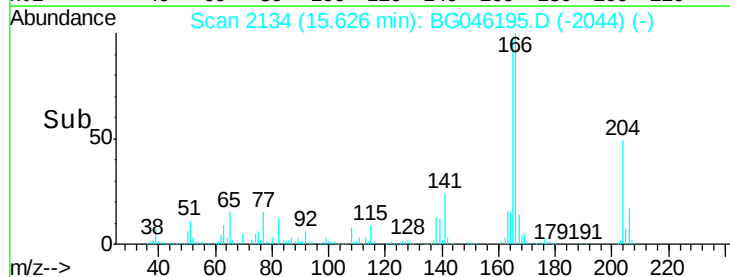
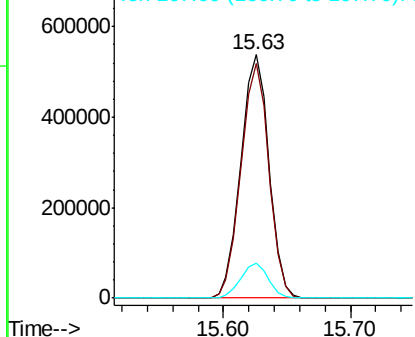


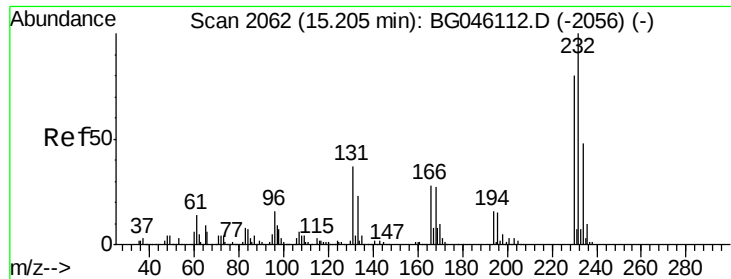
#58
Fluorene
Concen: 40.765 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion:166 Resp: 827398
Ion Ratio Lower Upper
166 100
165 96.5 76.3 114.5
167 14.1 11.0 16.6



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

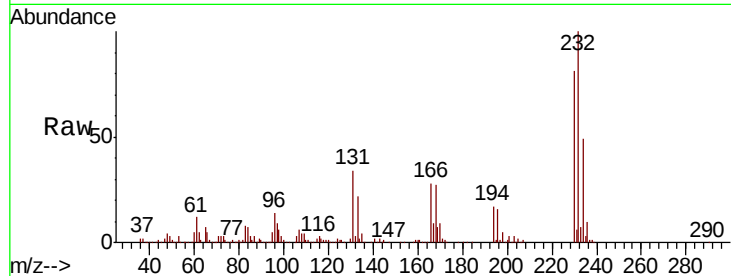




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.527 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MS

Tot Ion:232	Resp:	339768
Ion	Ratio	Lower Upper
232	100	
131	33.8	28.6 42.8
130	1.8	1.6 2.4
166	26.9	22.5 33.7

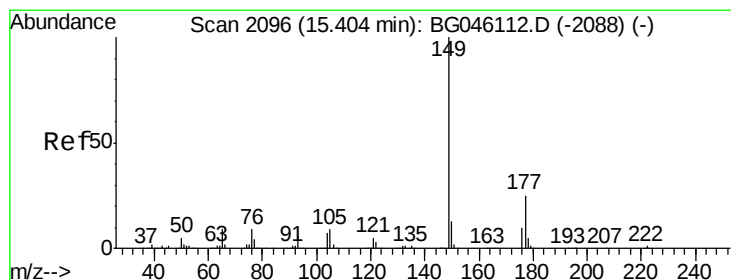
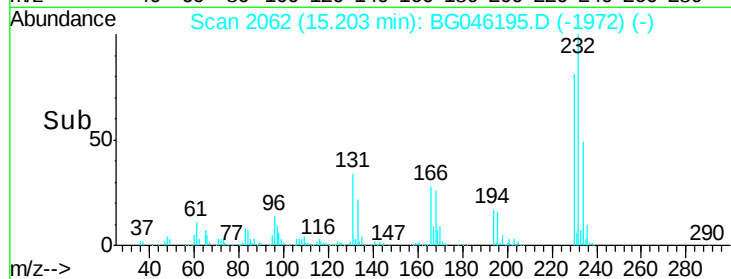
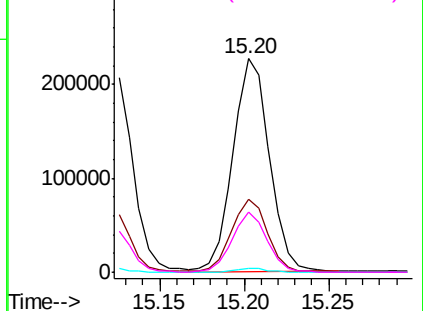


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

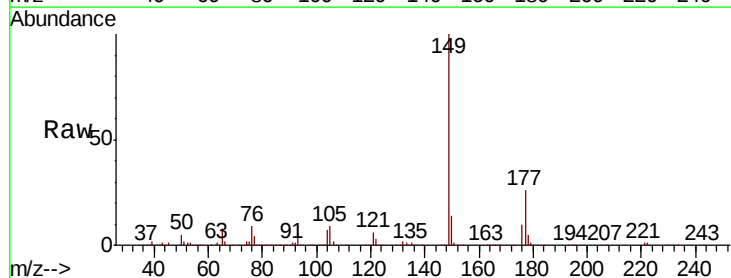
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.148 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

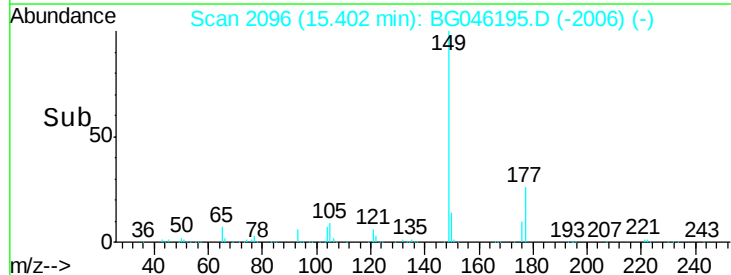
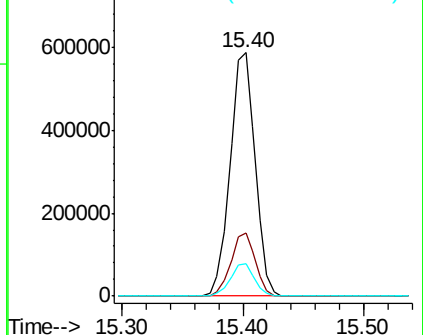
Tgt Ion:149	Resp:	843795
Ion	Ratio	Lower Upper
149	100	
177	26.1	19.7 29.5
150	13.5	10.8 16.2

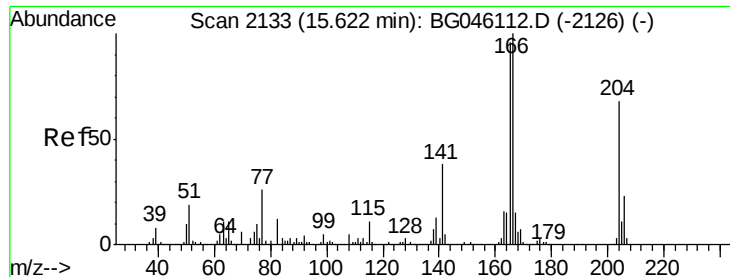


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

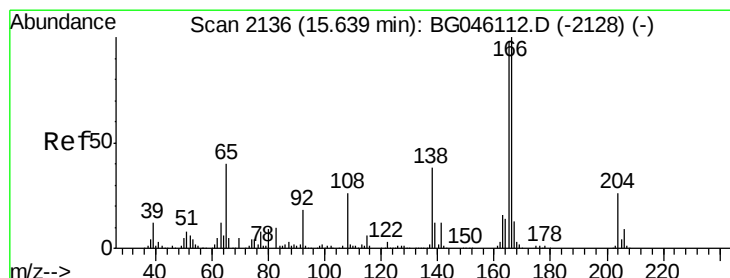
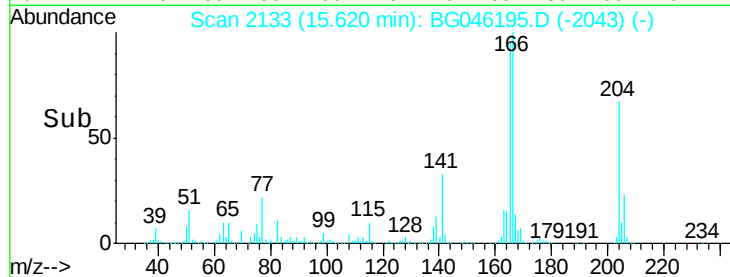
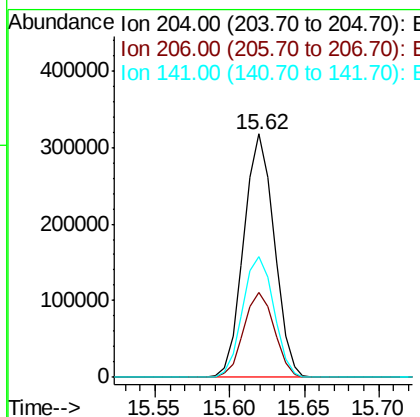
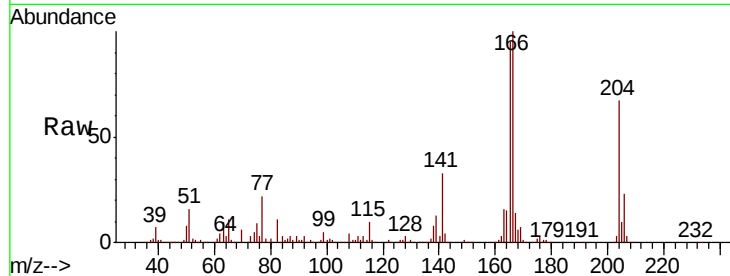




#61
 4-Chlorophenyl-phenylether
 Concen: 42.385 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

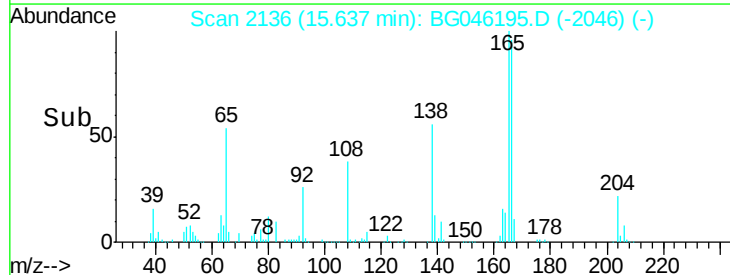
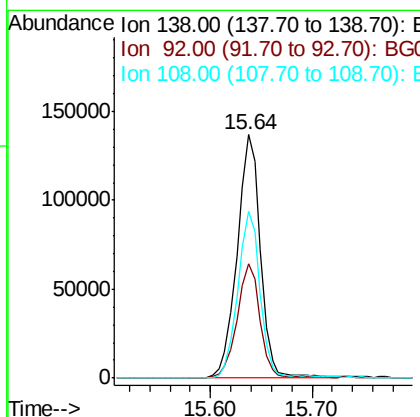
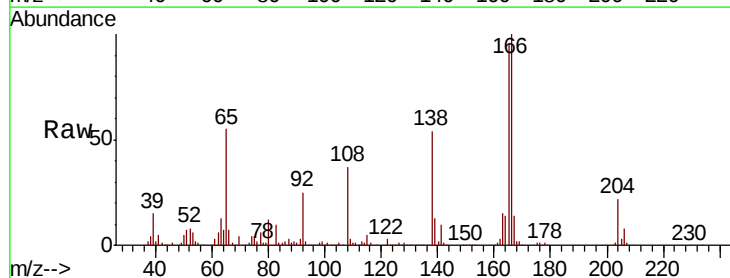
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MS

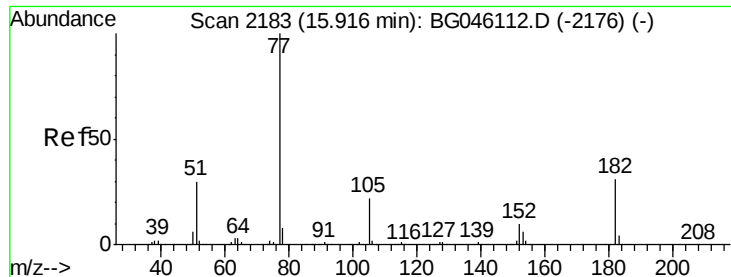
Tot Ion:204 Resp: 449320
 Ion Ratio Lower Upper
 204 100
 206 34.8 27.7 41.5
 141 49.7 44.7 67.1



#62
 4-Nitroaniline
 Concen: 47.409 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

Tgt Ion:138 Resp: 218696
 Ion Ratio Lower Upper
 138 100
 92 46.9 28.3 68.3
 108 68.7 49.2 89.2

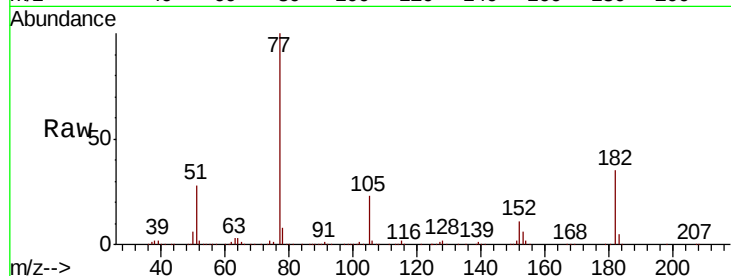




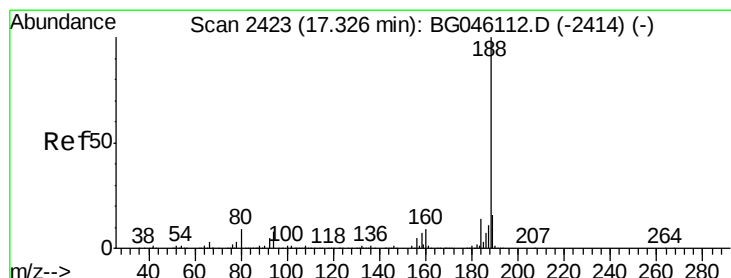
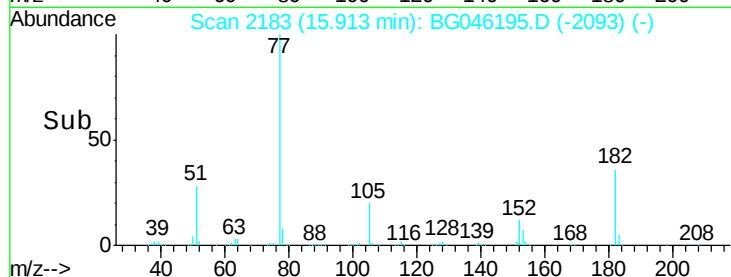
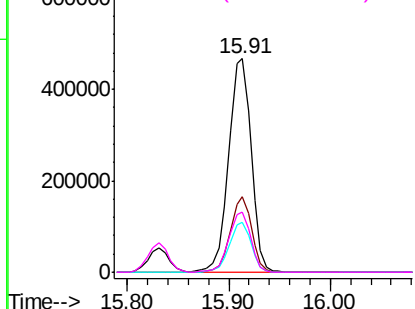
#63
Azobenzene
Concen: 39.208 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Instrument :
BNA_G
ClientSampleId :
TP-2MS

Tot Ion: 77 Resp: 718580
Ion Ratio Lower Upper
77 100
182 35.2 10.7 50.7
105 23.3 1.9 41.9
51 28.1 9.5 49.5

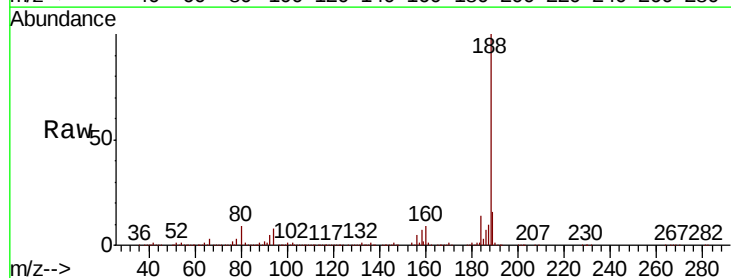


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

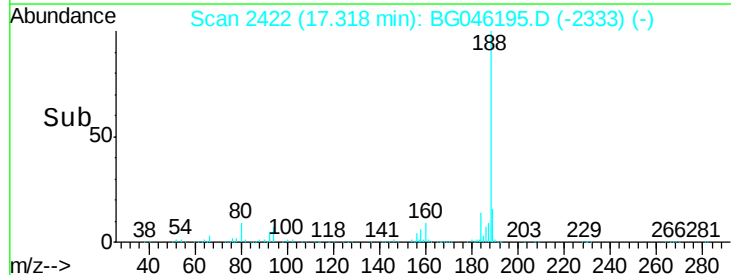
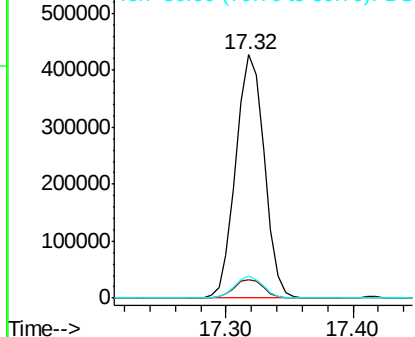


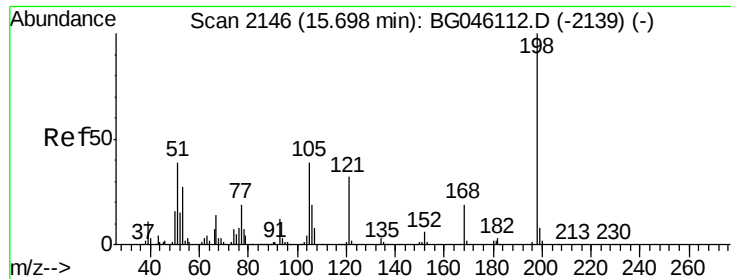
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion: 188 Resp: 665892
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.9 7.4 11.0



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

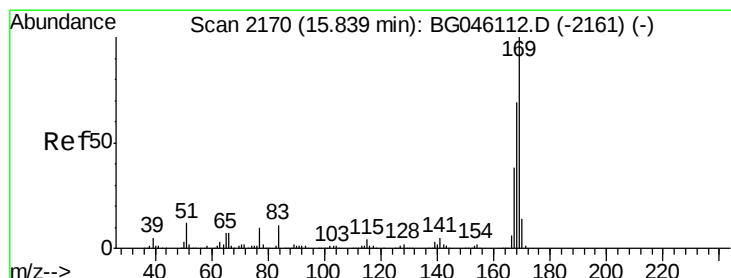
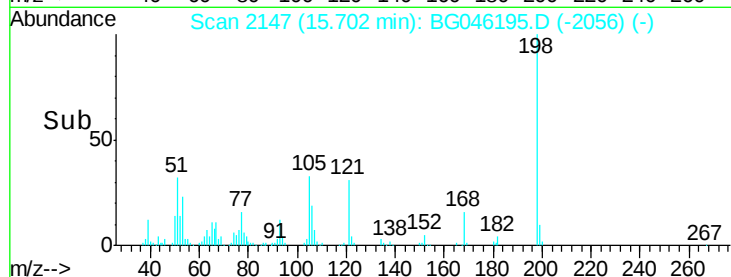
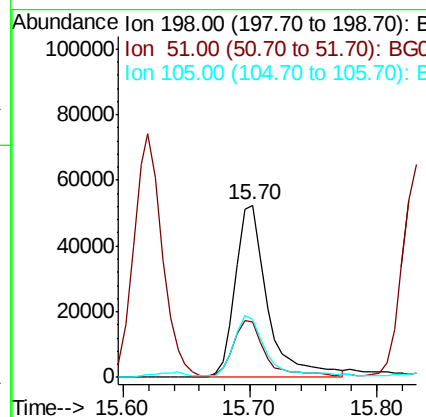
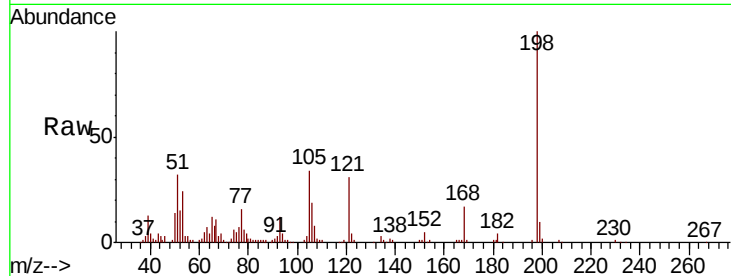




#65
 4,6-Dinitro-2-methylphenol
 Concen: 20.942 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

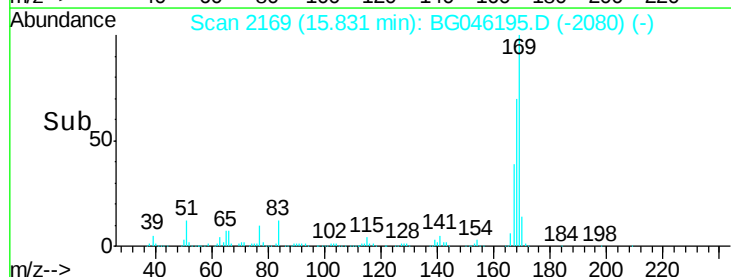
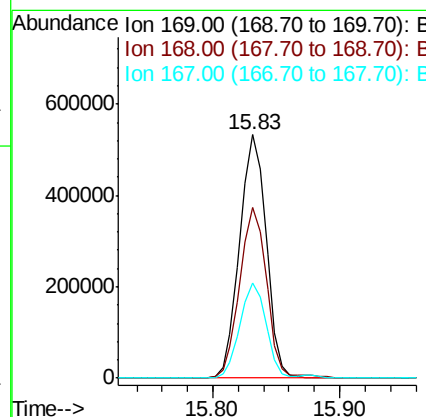
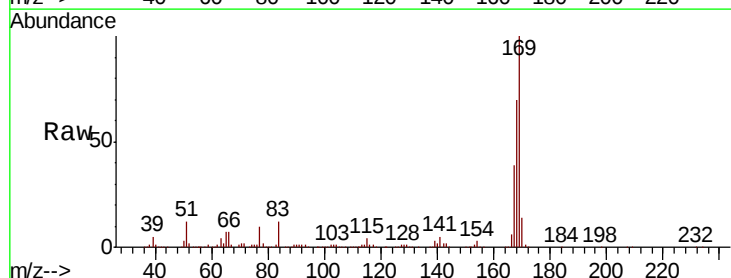
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MS

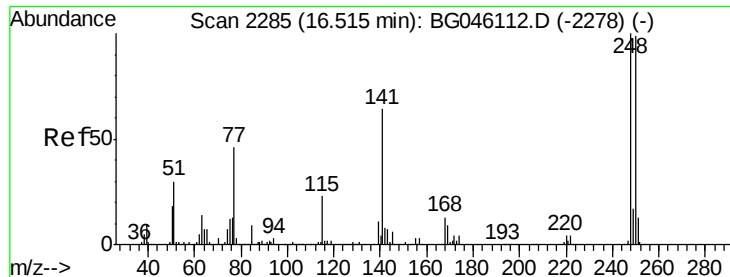
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.8	20.1	60.1
105	33.9	19.2	59.2



#66
 n-Nitrosodiphenylamine
 Concen: 38.412 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.1	82.7
167	39.2	30.5	45.7

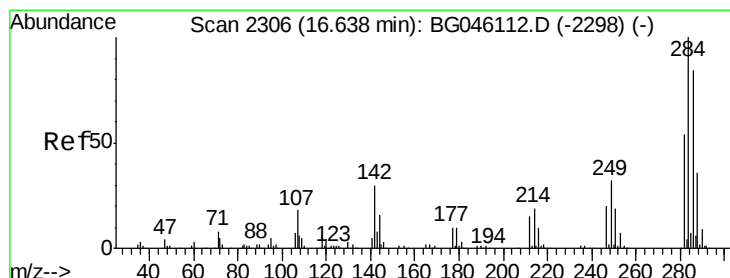
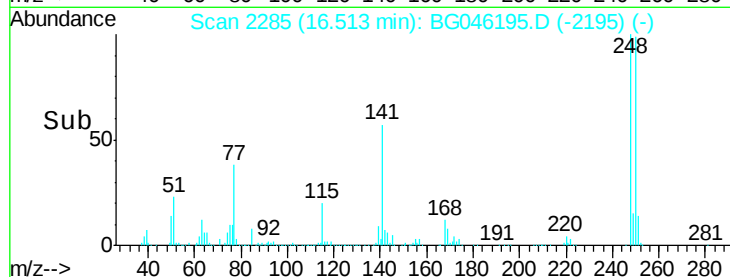
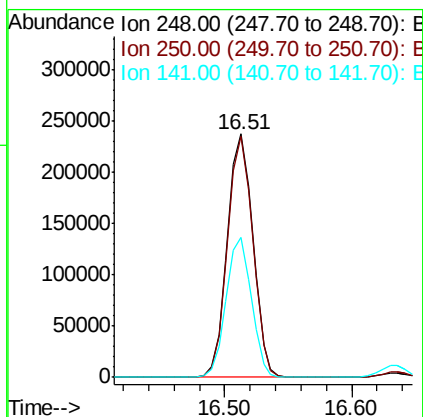
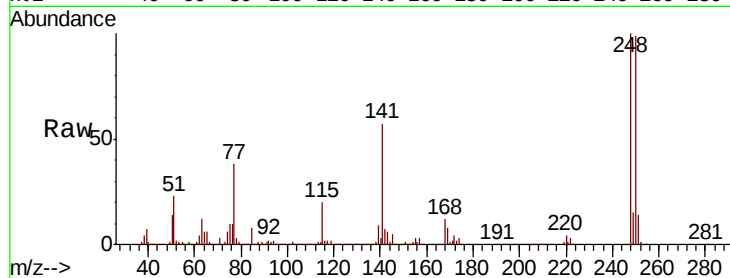




#67
4-Bromophenyl-phenylether
Concen: 40.361 ng
RT: 16.51 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

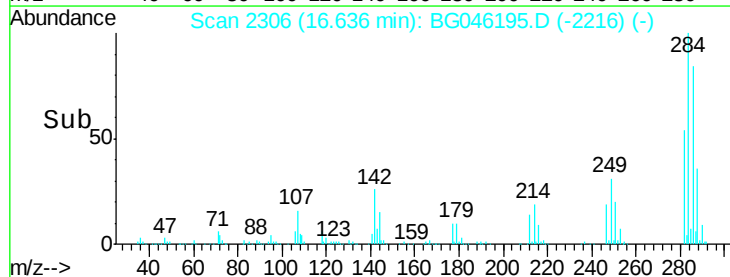
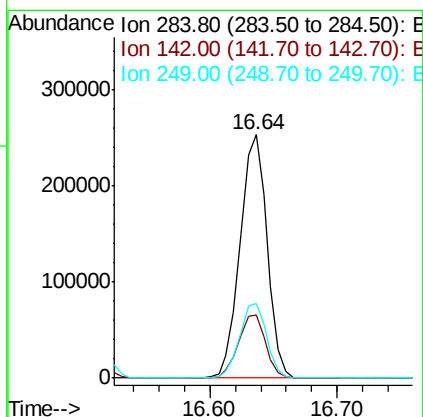
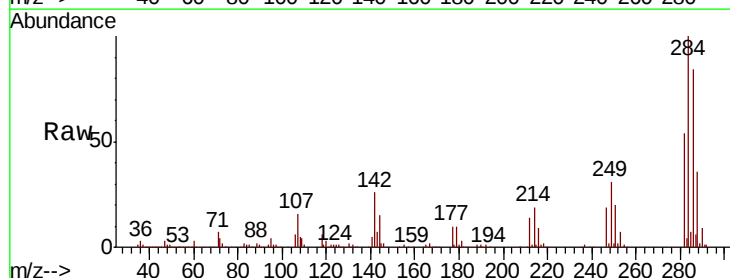
Instrument :
BNA_G
ClientSampleId :
TP-2MS

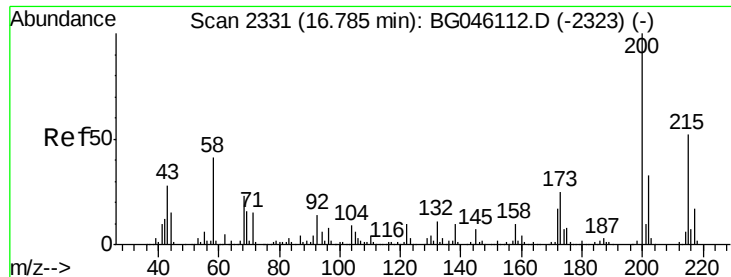
Tot Ion:248 Resp: 332037
Ion Ratio Lower Upper
248 100
250 99.0 79.4 119.0
141 57.5 50.9 76.3



#68
Hexachlorobenzene
Concen: 40.335 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion:284 Resp: 372072
Ion Ratio Lower Upper
284 100
142 26.0 23.6 35.4
249 30.7 25.3 37.9





#69

Atrazine

Concen: 39.296 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

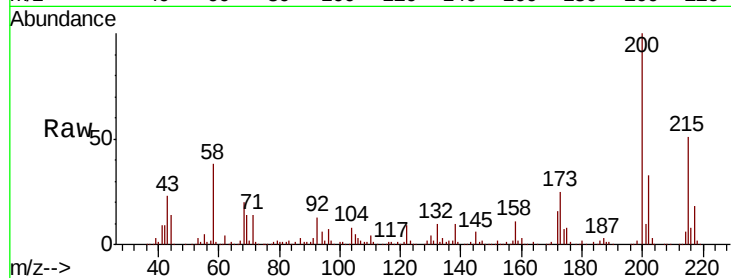
Tot Ion:200 Resp: 305003

Ion Ratio Lower Upper

200 100

173 24.9 5.3 45.3

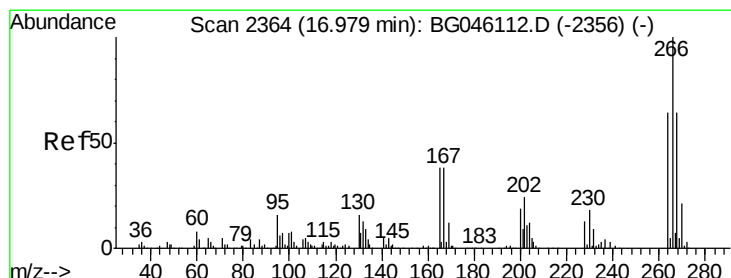
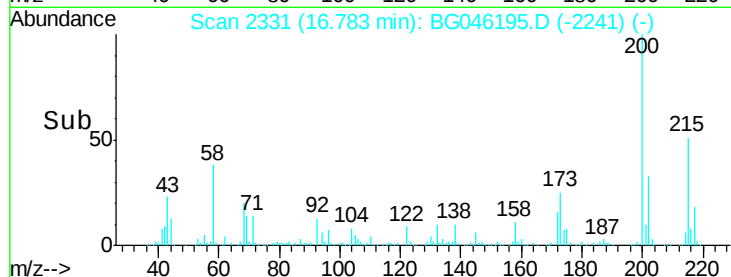
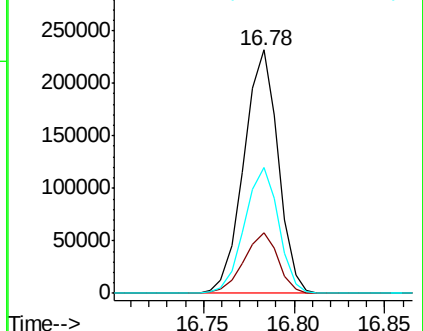
215 51.5 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 65.164 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

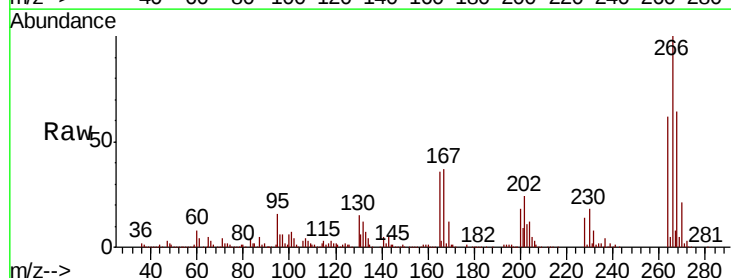
Tgt Ion:266 Resp: 390023

Ion Ratio Lower Upper

266 100

268 64.0 51.2 76.8

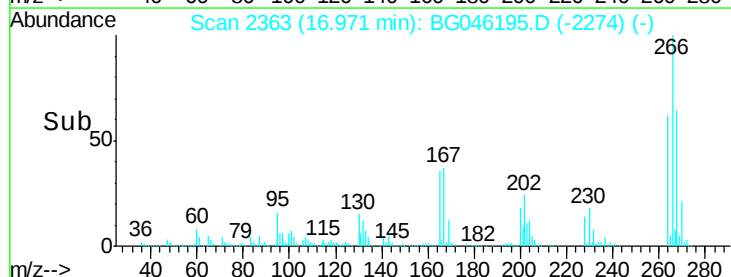
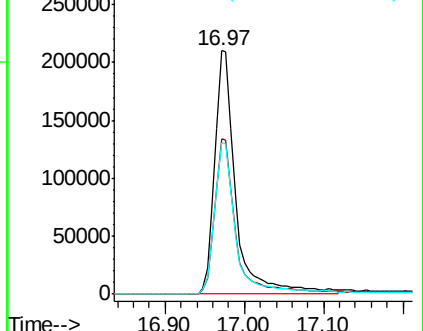
264 62.4 51.1 76.7

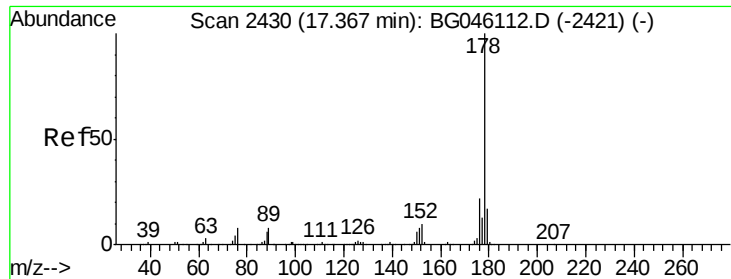


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

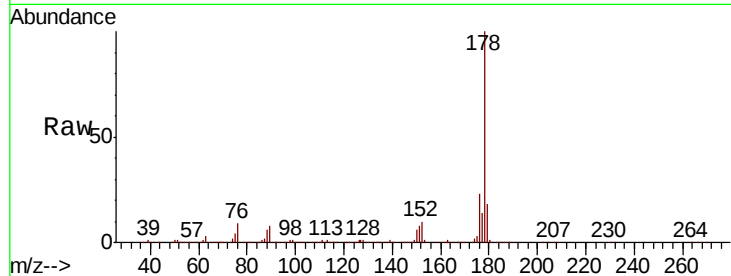




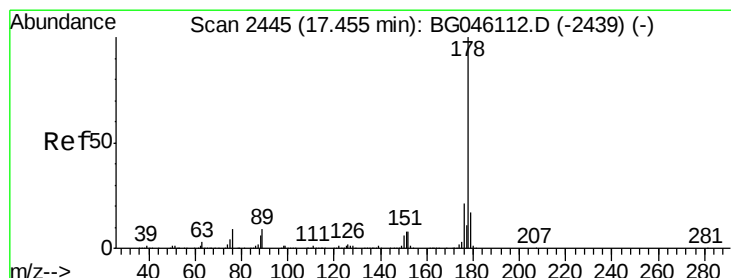
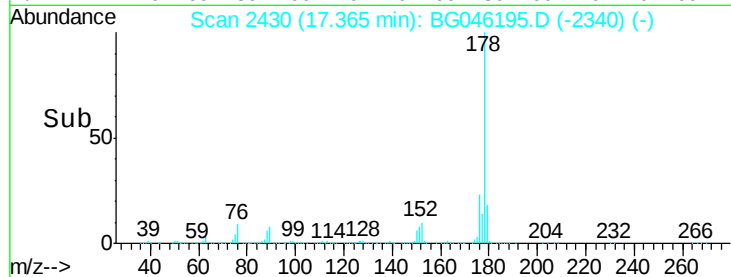
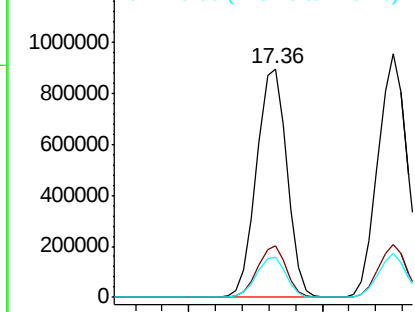
#71
Phenanthrene
Concen: 38.675 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Instrument :
BNA_G
ClientSampleId :
TP-2MS

Tot Ion:178 Resp: 1410705
Ion Ratio Lower Upper
178 100
176 22.5 17.3 25.9
179 17.7 13.8 20.6

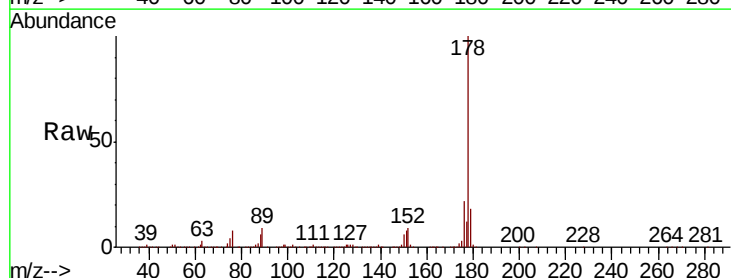


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

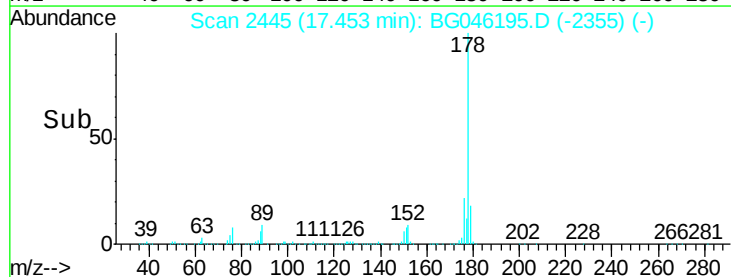
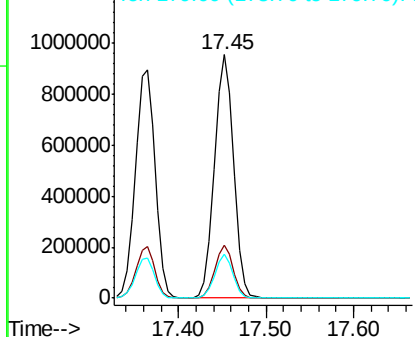


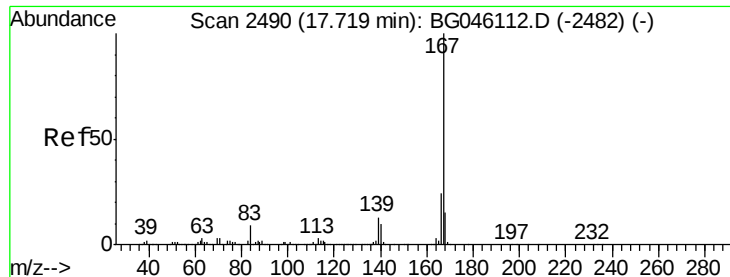
#72
Anthracene
Concen: 40.257 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion:178 Resp: 1460607
Ion Ratio Lower Upper
178 100
176 21.5 16.6 24.8
179 17.9 13.4 20.2



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





#73

Carbazole

Concen: 39.760 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

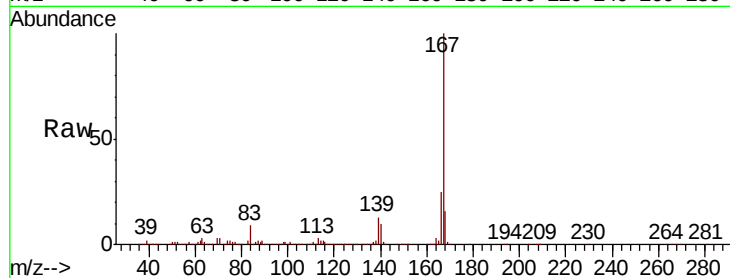
Tot Ion:167 Resp: 1391018

Ion Ratio Lower Upper

167 100

166 25.4 19.4 29.0

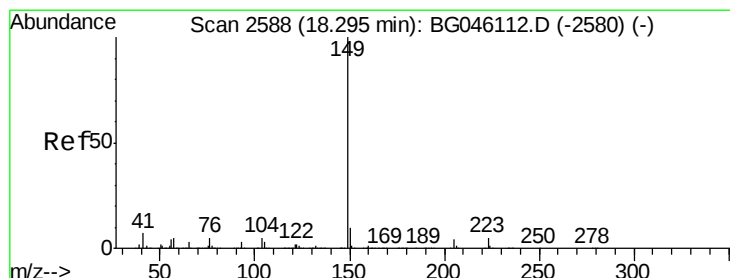
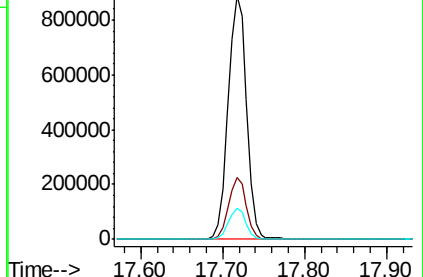
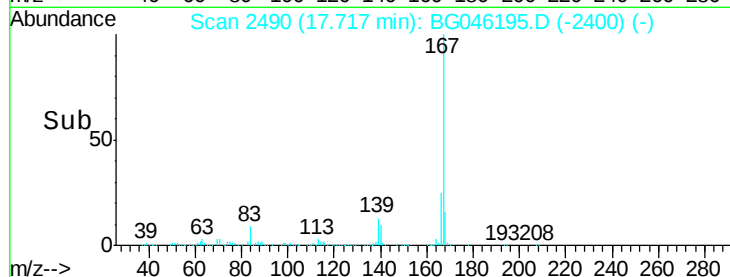
139 12.9 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.554 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

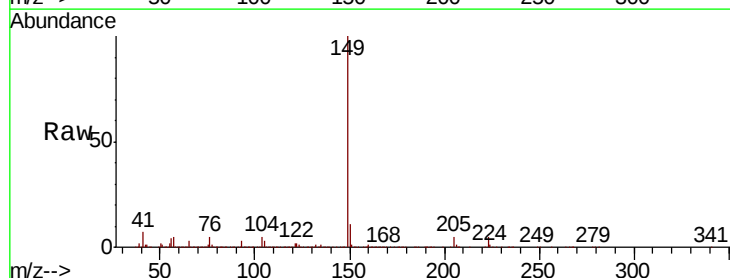
Tgt Ion:149 Resp: 1556183

Ion Ratio Lower Upper

149 100

150 10.8 8.4 12.6

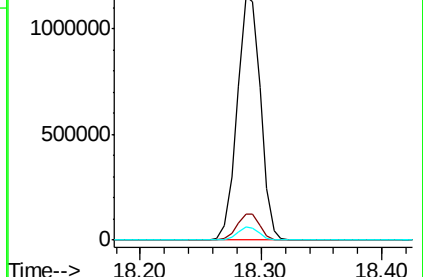
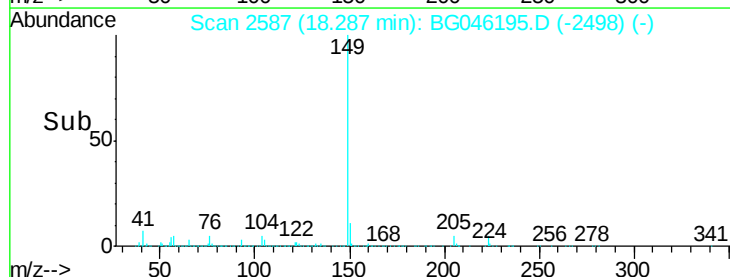
104 5.4 4.2 6.2

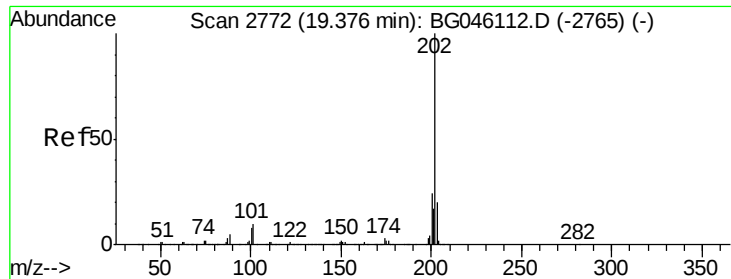


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.587 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

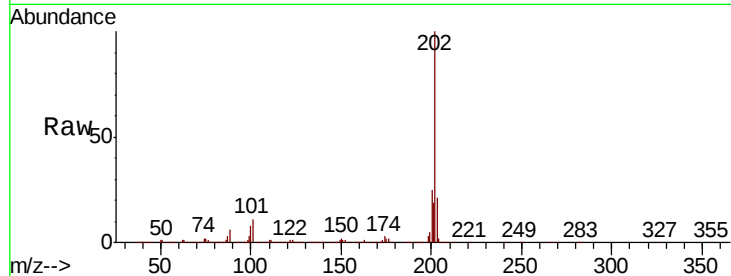
Tot Ion:202 Resp: 1802753

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.0

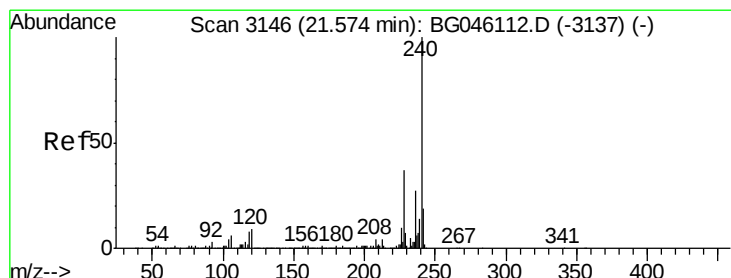
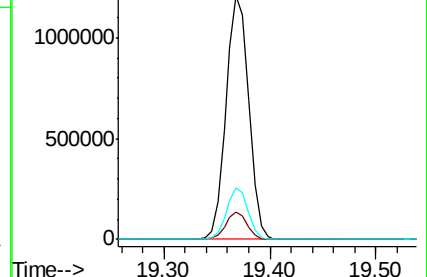
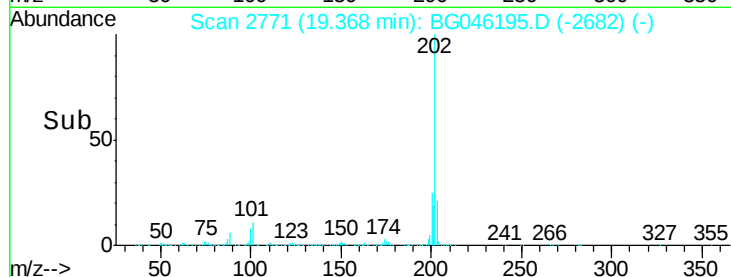
203 21.1 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

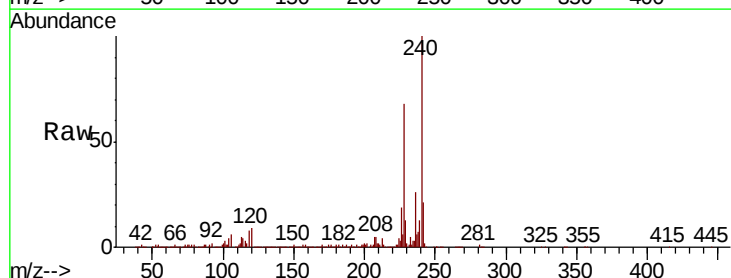
Tgt Ion:240 Resp: 712507

Ion Ratio Lower Upper

240 100

120 8.9 7.1 10.7

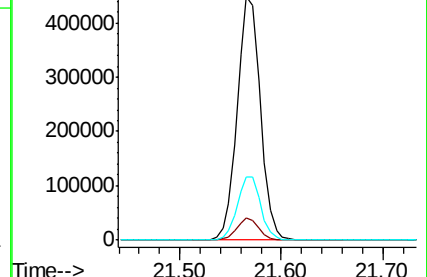
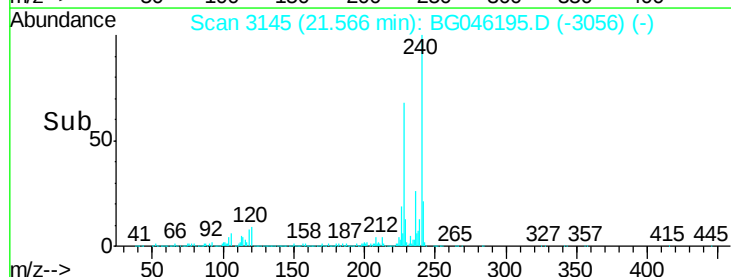
236 26.1 21.7 32.5

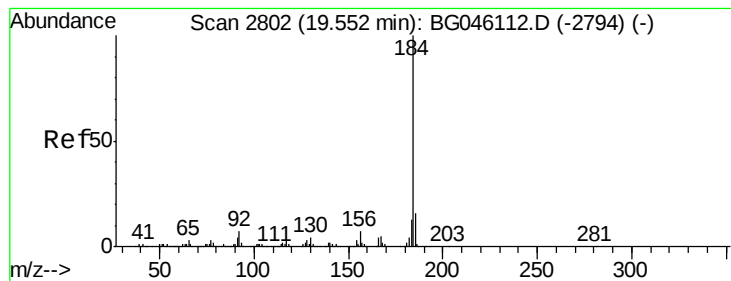


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.002 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

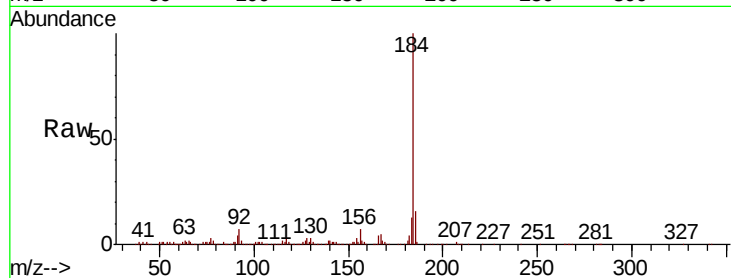
Tot Ion:184 Resp: 867880

Ion Ratio Lower Upper

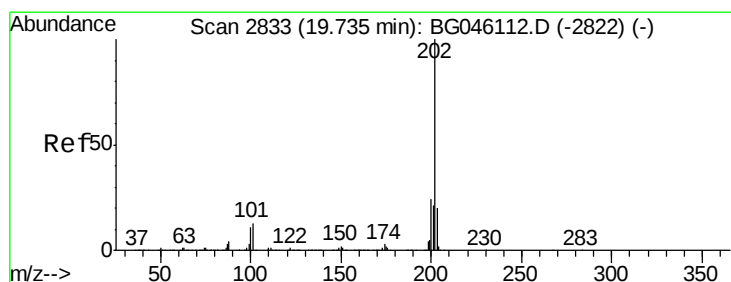
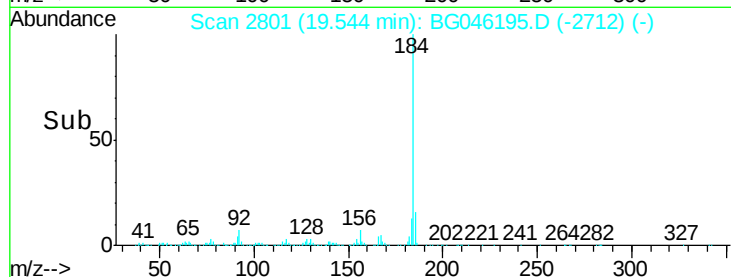
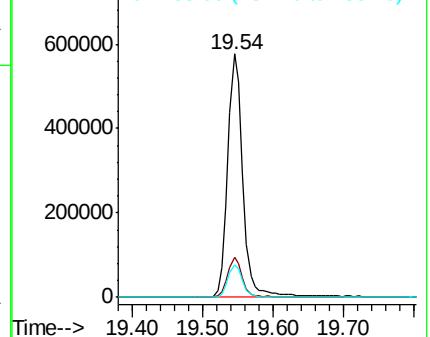
184 100

185 16.3 13.0 19.4

183 13.4 10.5 15.7



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



#78

Pyrene

Concen: 37.845 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

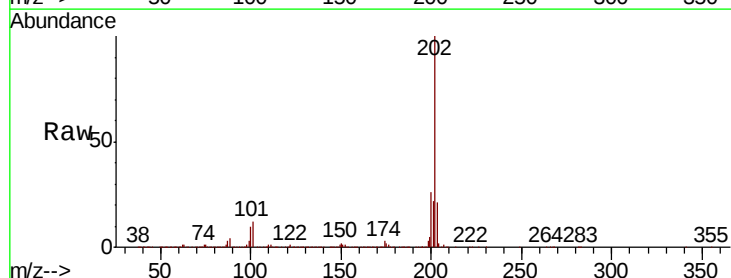
Tgt Ion:202 Resp: 1811797

Ion Ratio Lower Upper

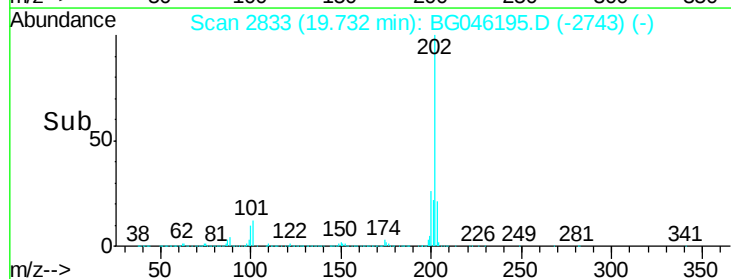
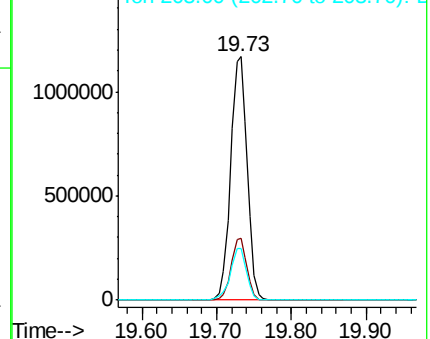
202 100

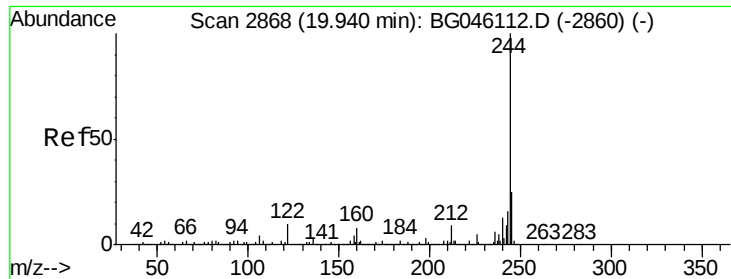
200 25.6 19.5 29.3

203 21.4 16.2 24.2



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





#79

Terphenyl-d14

Concen: 48.094 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

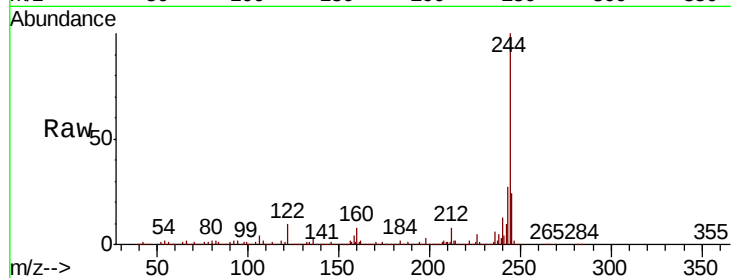
Tot Ion:244 Resp: 1682536

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

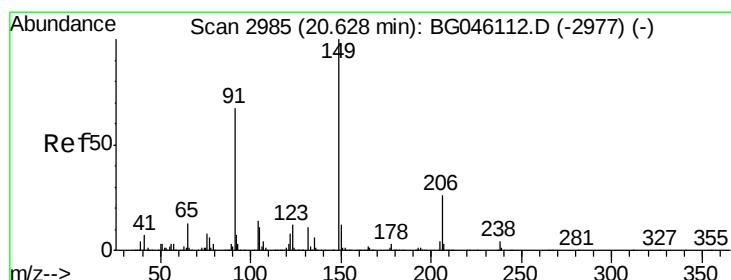
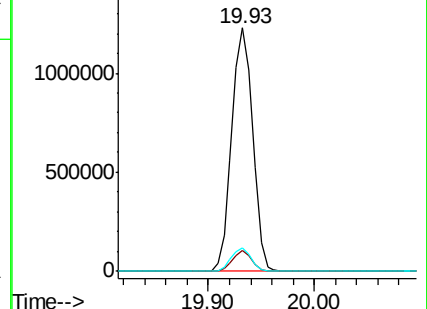
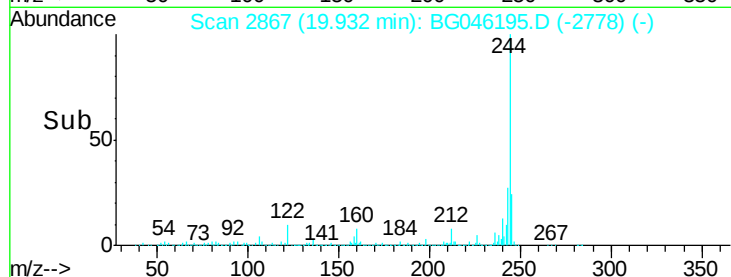
122 9.8 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.727 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

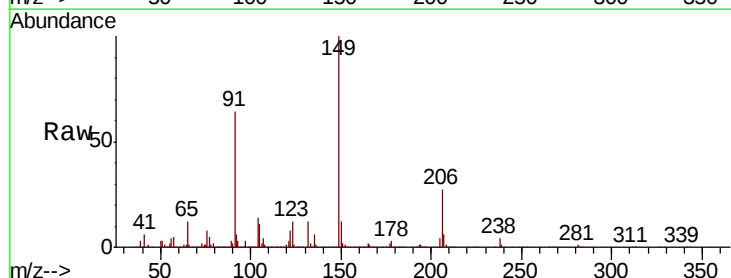
Tgt Ion:149 Resp: 740967

Ion Ratio Lower Upper

149 100

91 64.1 53.8 80.8

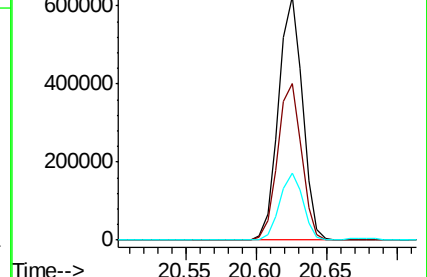
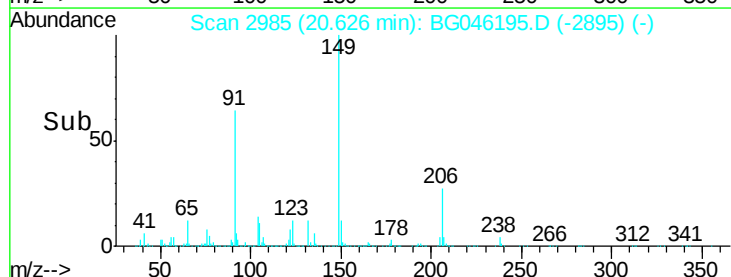
206 27.3 20.4 30.6

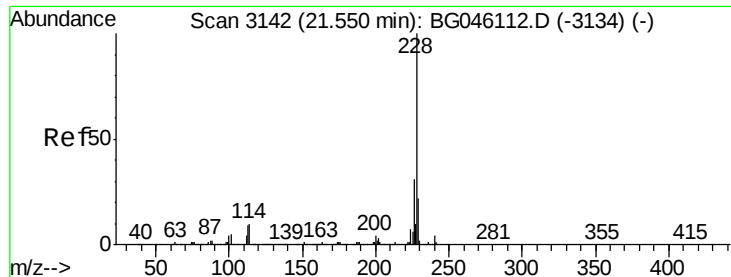


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.306 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

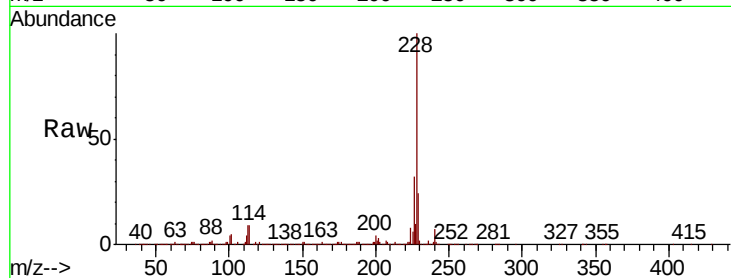
Tot Ion:228 Resp: 1826472

Ion Ratio Lower Upper

228 100

226 31.9 24.7 37.1

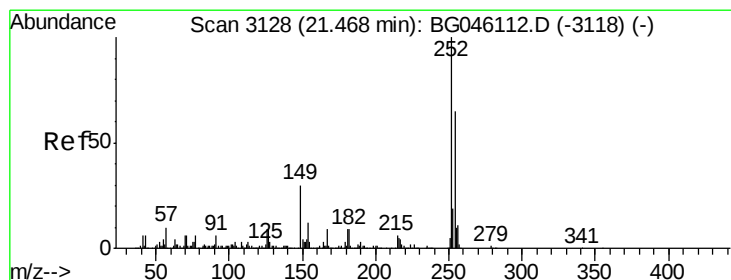
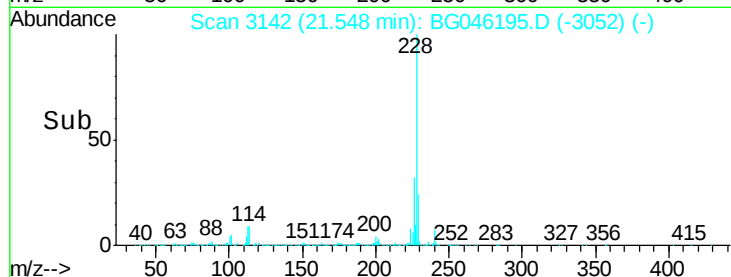
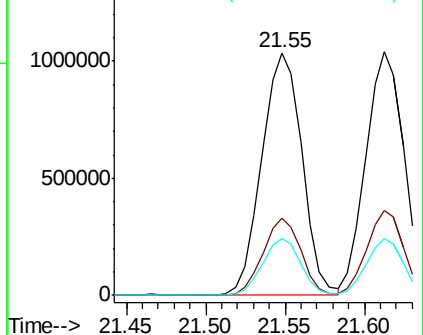
229 23.6 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.671 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

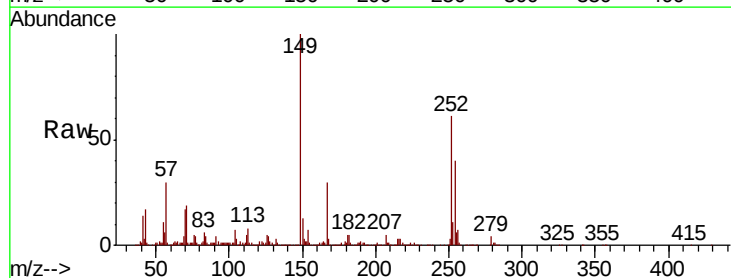
Tgt Ion:252 Resp: 389490

Ion Ratio Lower Upper

252 100

254 65.4 51.8 77.8

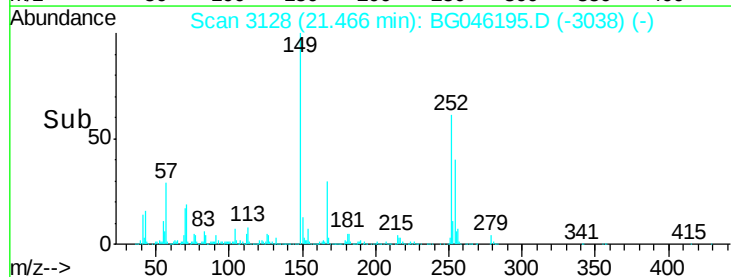
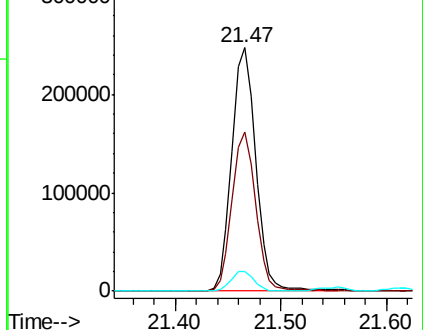
126 7.9 7.1 10.7

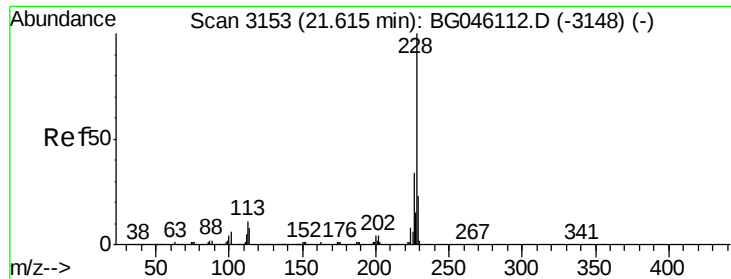


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.307 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampled :

TP-2MS

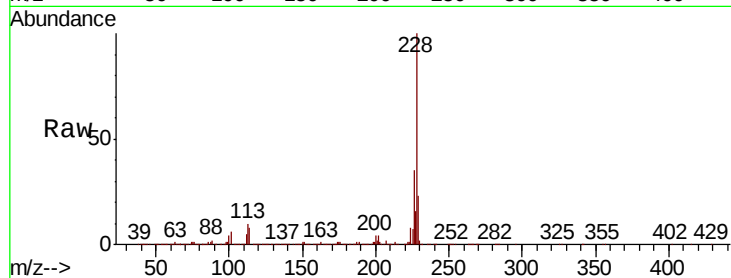
Tot Ion:228 Resp: 1742576

Ion Ratio Lower Upper

228 100

226 34.6 26.9 40.3

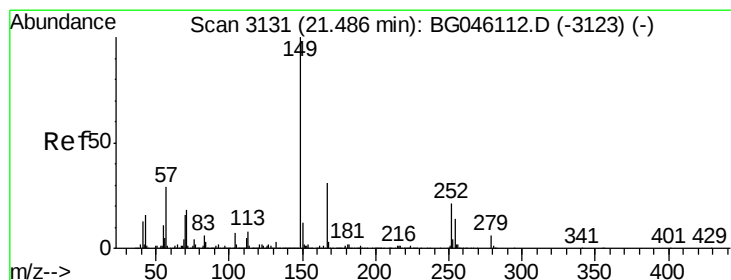
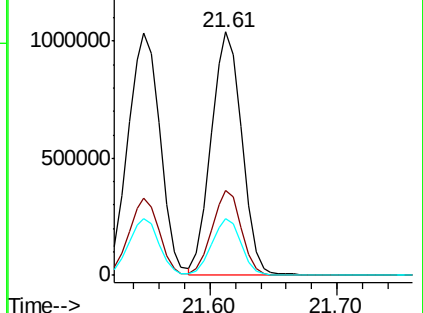
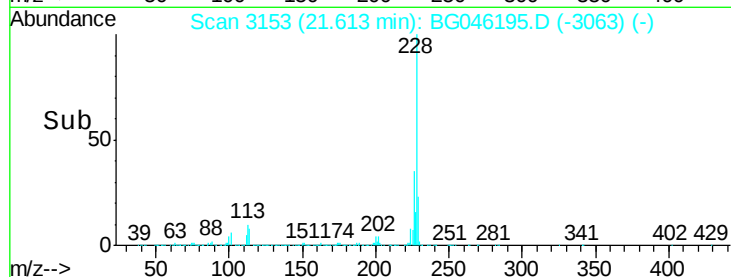
229 23.3 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.819 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

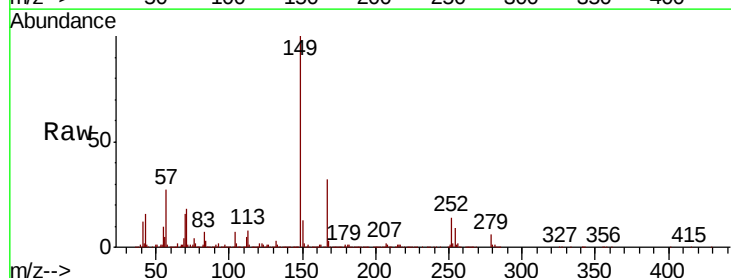
Tgt Ion:149 Resp: 1036826

Ion Ratio Lower Upper

149 100

167 32.5 24.8 37.2

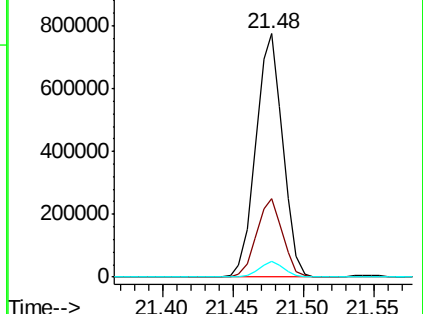
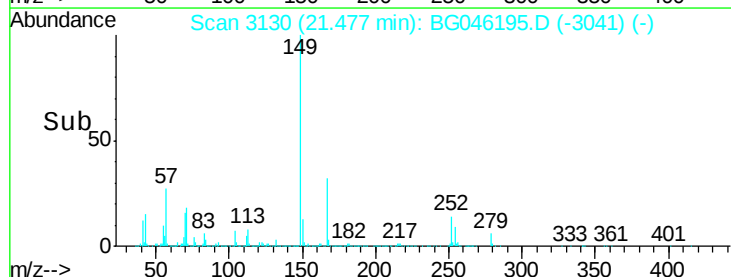
279 6.4 4.6 6.8

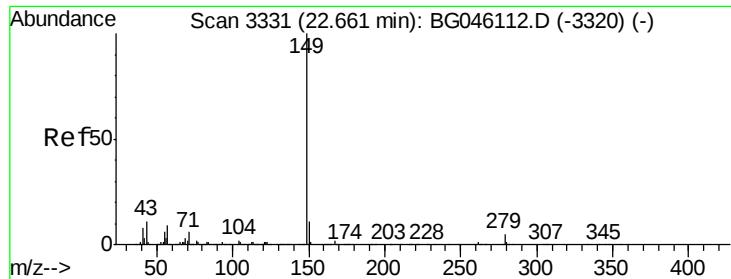


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.574 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

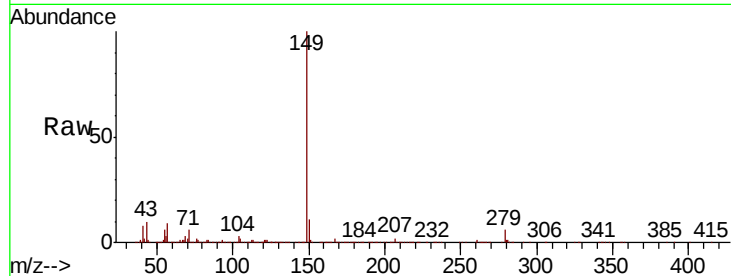
Tot Ion:149 Resp: 1787206

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

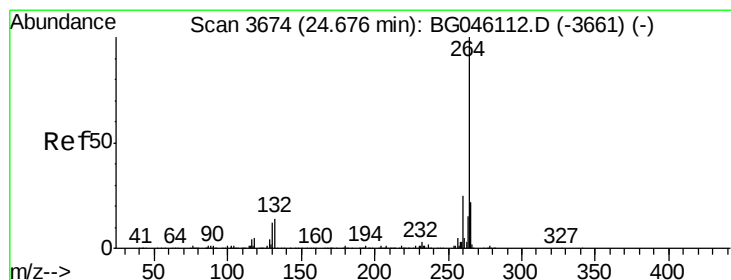
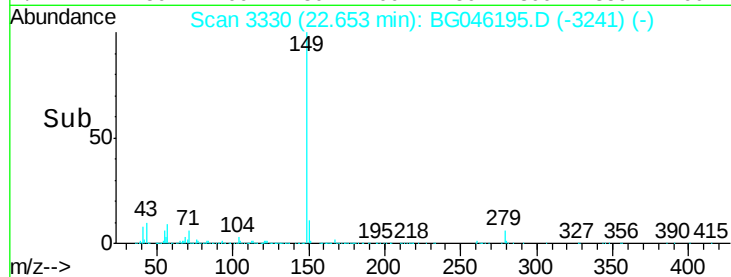
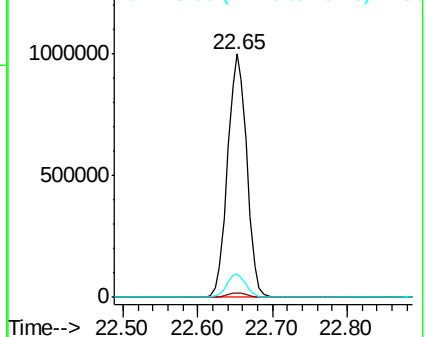
43 9.2 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

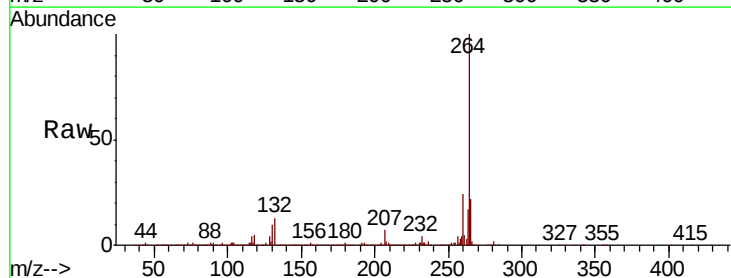
Tgt Ion:264 Resp: 779632

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

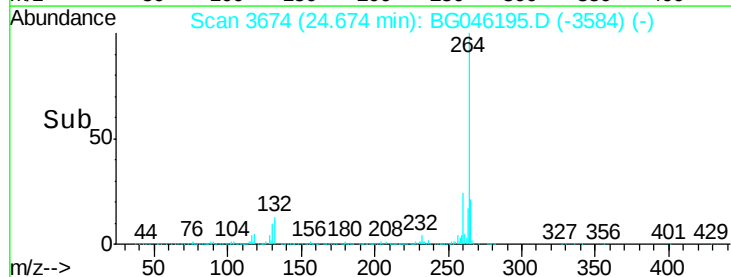
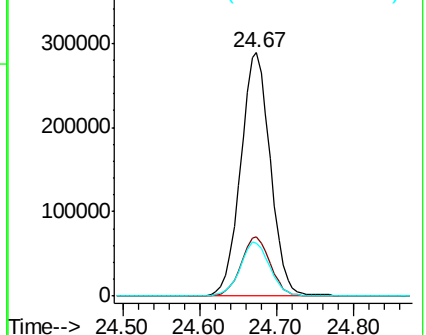
265 21.5 17.6 26.4

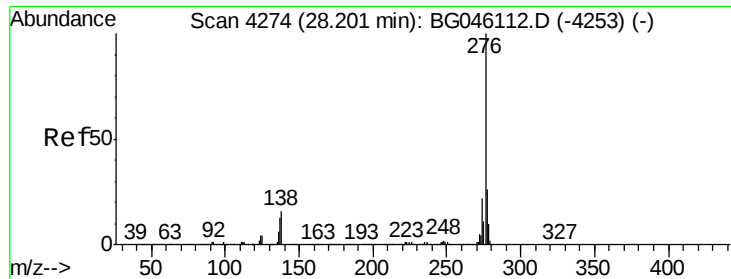


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

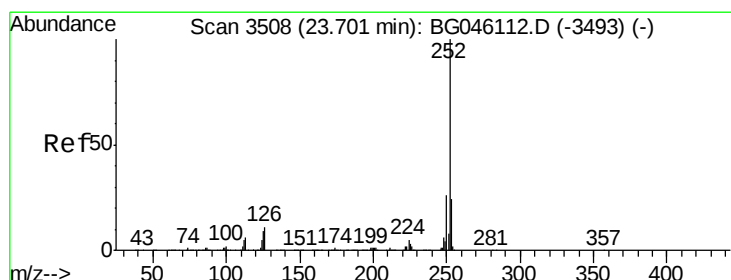
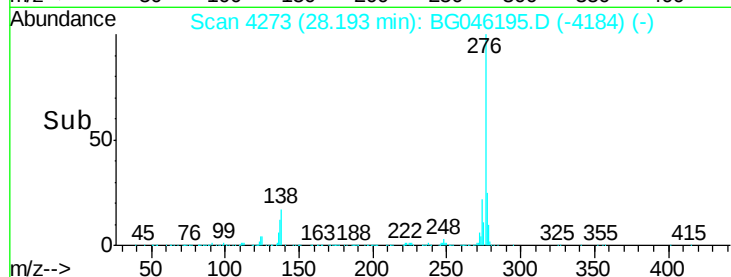
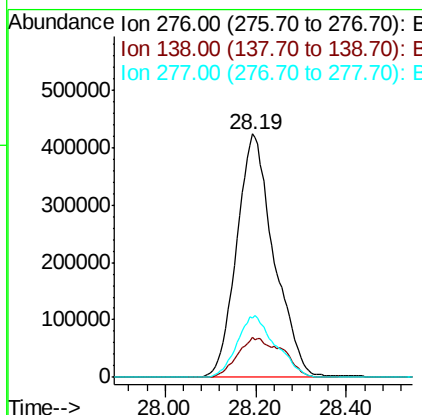
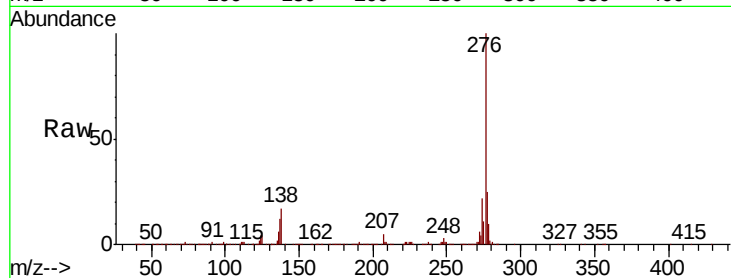




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.607 ng
 RT: 28.19 min Scan# 4273
 Delta R.T. -0.01 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

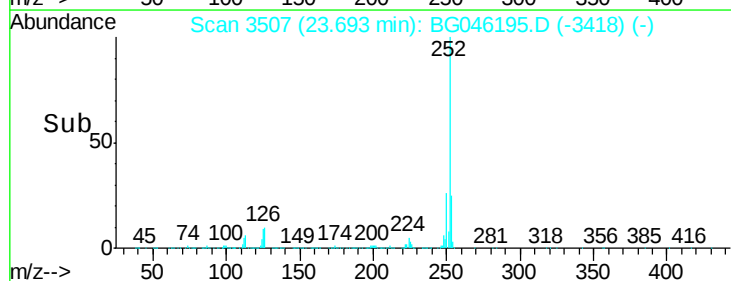
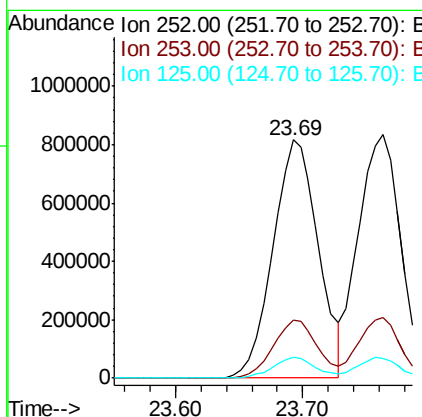
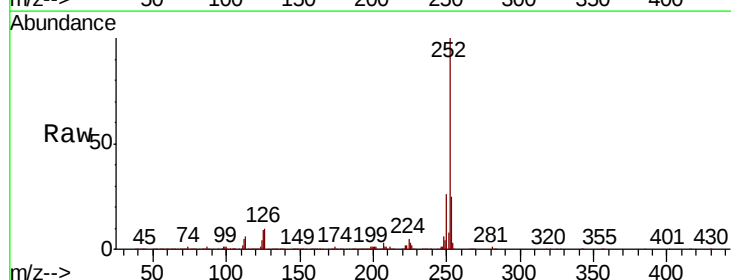
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MS

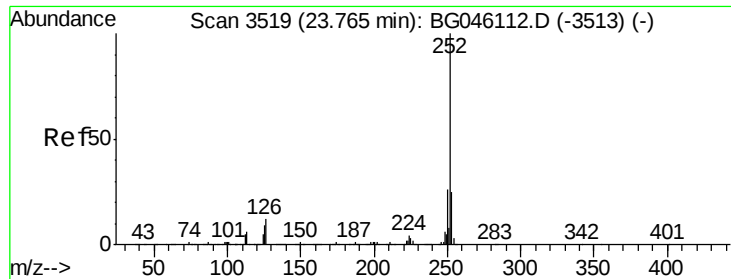
Tot Ion:276 Resp: 2414477
 Ion Ratio Lower Upper
 276 100
 138 19.8 11.6 17.4#
 277 26.3 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 38.761 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046195.D
 Acq: 7 Aug 2020 16:14

Tgt Ion:252 Resp: 2025072
 Ion Ratio Lower Upper
 252 100
 253 24.6 19.2 28.8
 125 8.6 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 37.929 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

Instrument :

BNA_G

ClientSampleId :

TP-2MS

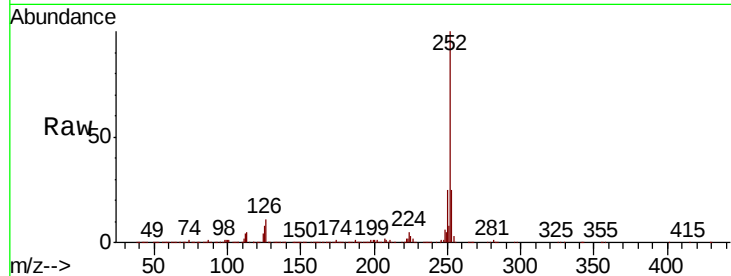
Tot Ion:252 Resp: 1943615

Ion Ratio Lower Upper

252 100

253 24.7 19.5 29.3

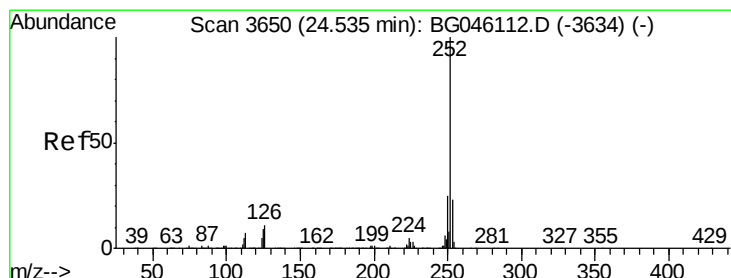
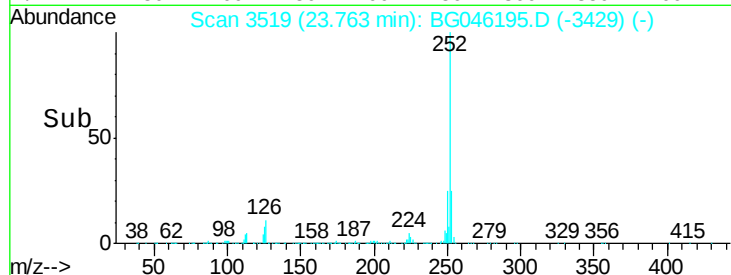
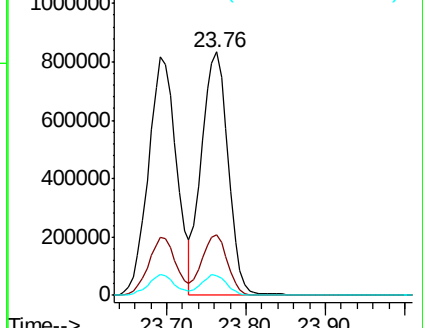
125 8.3 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.564 ng

RT: 24.53 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG046195.D

Acq: 7 Aug 2020 16:14

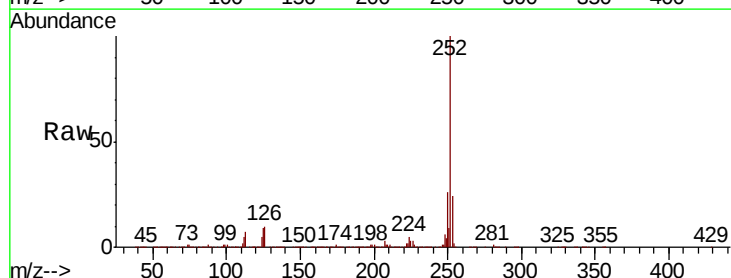
Tgt Ion:252 Resp: 1874791

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

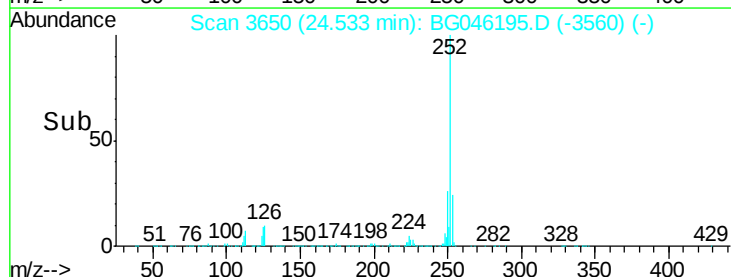
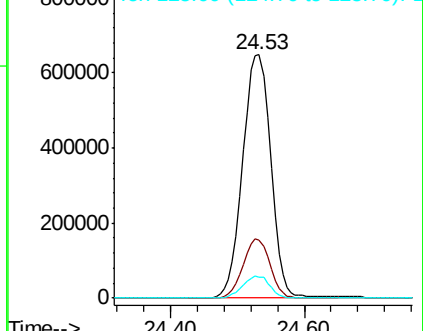
125 8.7 7.1 10.7

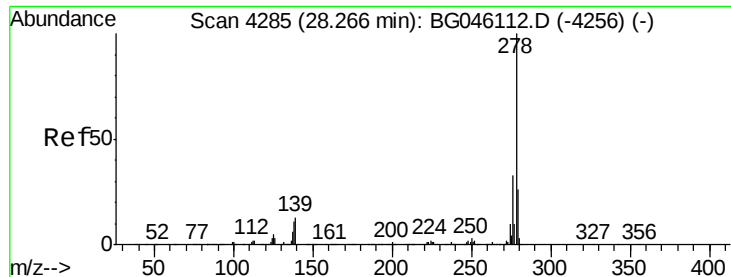


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

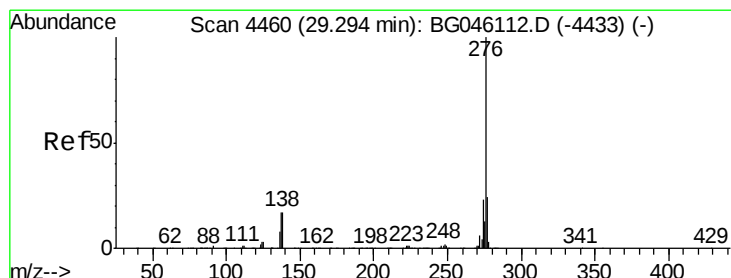
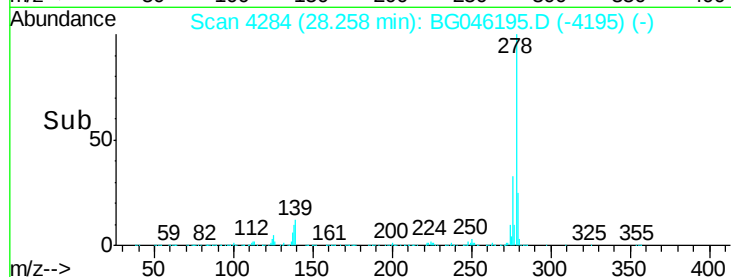
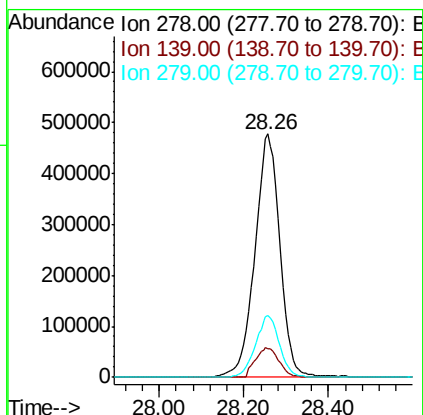
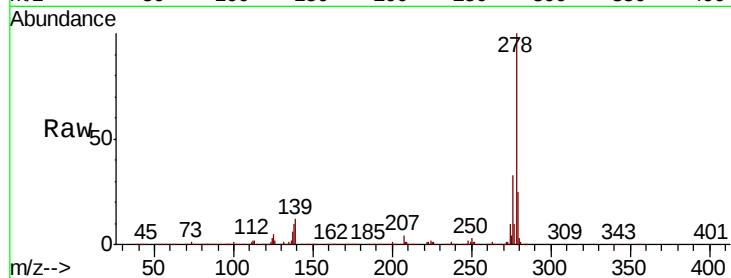




#91
Dibenzo(a,h)anthracene
Concen: 39.948 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.01 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Instrument :
BNA_G
ClientSampleId :
TP-2MS

Tot Ion:278 Resp: 1985628
Ion Ratio Lower Upper
278 100
139 11.9 10.8 16.2
279 25.4 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 40.400 ng
RT: 29.29 min Scan# 4460
Delta R.T. -0.00 min
Lab File: BG046195.D
Acq: 7 Aug 2020 16:14

Tgt Ion:276 Resp: 2028058
Ion Ratio Lower Upper
276 100
277 24.7 19.5 29.3
138 16.3 13.8 20.6

