

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046141.D
 Acq On : 1 Aug 2020 2:54
 Operator : CG/JU
 Sample : L3507-07MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MSD

Quant Time: Aug 01 03:48:00 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	90288	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	349102	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	234385	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	561044	20.00	ng	0.00
76) Chrysene-d12	21.57	240	594254	20.00	ng	0.00
86) Perylene-d12	24.67	264	629745	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	580713	111.81	ng	0.00
7) Phenol-d6	7.12	99	692296	97.80	ng	0.00
23) Nitrobenzene-d5	9.11	82	546469	84.75	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	426192	118.38	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1237625	76.70	ng	0.00
79) Terphenyl-d14	19.94	244	2111370	72.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	83078	35.143	ng	# 24
3) Pyridine	3.85	79	168638	25.913	ng	98
4) n-Nitrosodimethylamine	3.75	42	121508	43.869	ng	92
6) Aniline	7.28	93	243011	28.841	ng	97
8) 2-Chlorophenol	7.52	128	266246	46.379	ng	98
9) Benzaldehyde	7.09	77	173417	41.286	ng	95
10) Phenol	7.15	94	284097	39.946	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	259118	45.804	ng	98
12) 1,3-Dichlorobenzene	7.85	146	286269	41.141	ng	97
13) 1,4-Dichlorobenzene	7.99	146	287391	41.131	ng	99
14) 1,2-Dichlorobenzene	8.30	146	284950	43.242	ng	98
15) Benzyl Alcohol	8.19	79	239023	48.878	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	440749	47.522	ng	98
17) 2-Methylphenol	8.40	107	226477	47.169	ng	98
18) Hexachloroethane	9.04	117	101674	43.510	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	213059	46.249	ng	97
20) 3+4-Methylphenols	8.72	107	303855	46.236	ng	98
22) Acetophenone	8.77	105	396084	44.210	ng	98
24) Nitrobenzene	9.15	77	302045	43.937	ng	100
25) Isophorone	9.67	82	577151	44.985	ng	99
26) 2-Nitrophenol	9.86	139	148300	47.599	ng	94
27) 2,4-Dimethylphenol	9.93	122	246143	48.559	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	346437	49.659	ng	100
29) 2,4-Dichlorophenol	10.40	162	277340	46.512	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	287057	41.095	ng	100
31) Naphthalene	10.80	128	791782	42.865	ng	100
32) Benzoic acid	10.06	122	145906	40.887	ng	97
33) 4-Chloroaniline	10.91	127	67331	8.920	ng	98
34) Hexachlorobutadiene	11.10	225	184423	39.661	ng	97
35) Caprolactam	11.72	113	42198	21.622	ng	93
36) 4-Chloro-3-methylphenol	12.03	107	288792	49.353	ng	100
37) 2-Methylnaphthalene	12.41	142	614149	43.209	ng	99
38) 1-Methylnaphthalene	12.63	142	585666	43.544	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	343953	40.729	ng	99

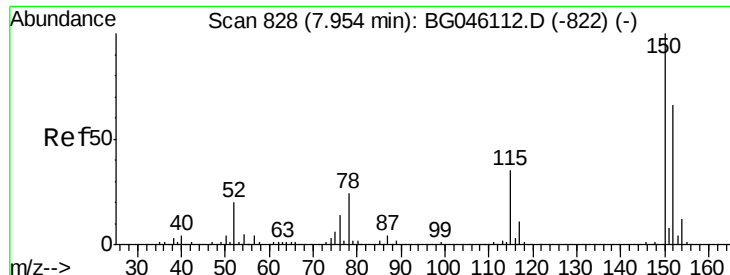
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
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 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	446741	92.227	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	247931	46.017	ng	100
44) 2,4,5-Trichlorophenol	13.09	196	270646	46.039	ng	97
46) 1,1'-Biphenyl	13.42	154	799582	43.487	ng	98
47) 2-Chloronaphthalene	13.46	162	616087	42.006	ng	99
48) 2-Nitroaniline	13.65	65	197554	51.388	ng	98
49) Acenaphthylene	14.30	152	1000853	43.946	ng	99
50) Dimethylphthalate	14.04	163	846560	47.059	ng	99
51) 2,6-Dinitrotoluene	14.15	165	192483	45.975	ng	100
52) Acenaphthene	14.64	154	644075	42.851	ng	99
53) 3-Nitroaniline	14.47	138	116898	28.164	ng	98
54) 2,4-Dinitrophenol	14.68	184	219583	82.537	ng	90
55) Dibenzofuran	14.98	168	959375	42.300	ng	99
56) 4-Nitrophenol	14.79	139	319684	88.712	ng	93
57) 2,4-Dinitrotoluene	14.94	165	272177	47.283	ng	98
58) Fluorene	15.63	166	799526	43.530	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	266889	48.199	ng	98
60) Diethylphthalate	15.40	149	836719	47.281	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	427243	44.537	ng	97
62) 4-Nitroaniline	15.64	138	203205	48.679	ng	94
63) Azobenzene	15.91	77	757293	45.661	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	169196	45.600	ng	97
66) n-Nitrosodiphenylamine	15.84	169	739344	43.535	ng	97
67) 4-Bromophenyl-phenylether	16.51	248	303177	43.741	ng	98
68) Hexachlorobenzene	16.64	284	332822	42.823	ng	99
69) Atrazine	16.78	200	282466	43.194	ng	99
70) Pentachlorophenol	16.98	266	471589	93.516	ng	99
71) Phenanthrene	17.36	178	1331915	43.338	ng	99
72) Anthracene	17.45	178	1370862	44.844	ng	99
73) Carbazole	17.72	167	1299045	44.070	ng	98
74) Di-n-butylphthalate	18.29	149	1505322	48.856	ng	99
75) Fluoranthene	19.37	202	1708892	44.539	ng	97
77) Benzidine	19.55	184	336349	19.982	ng	96
78) Pyrene	19.73	202	1715401	42.962	ng	98
80) Butylbenzylphthalate	20.63	149	714446	49.395	ng	97
81) Benzo(a)anthracene	21.55	228	1715608	43.140	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	447198	27.080	ng	99
83) Chrysene	21.62	228	1637138	42.025	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	982904	47.533	ng	99
85) Di-n-octyl phthalate	22.66	149	1678100	47.929	ng	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2196217	45.728	ng	100
88) Benzo(b)fluoranthene	23.70	252	1870699	44.329	ng	98
89) Benzo(k)fluoranthene	23.76	252	1748660	42.246	ng	99
90) Benzo(a)pyrene	24.53	252	1703410	43.378	ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1791126	44.611	ng	99
92) Benzo(g,h,i)perylene	29.30	276	1843363	45.461	ng	98

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

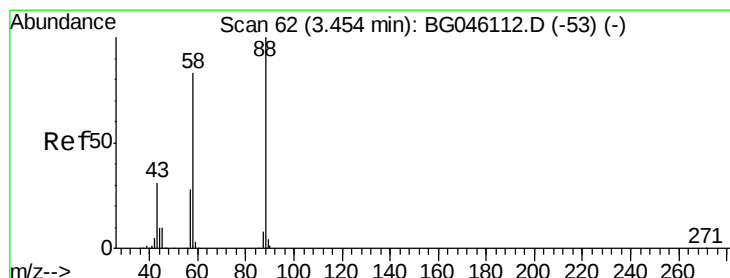
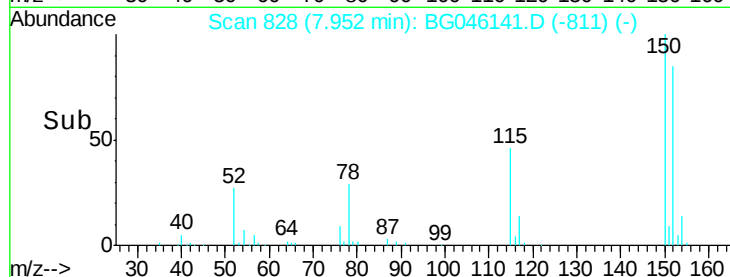
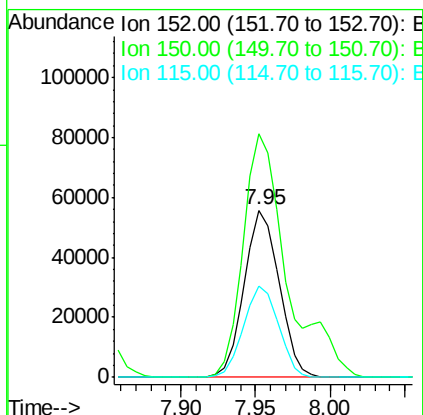
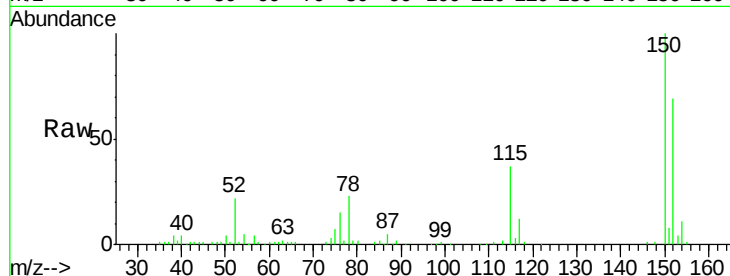


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

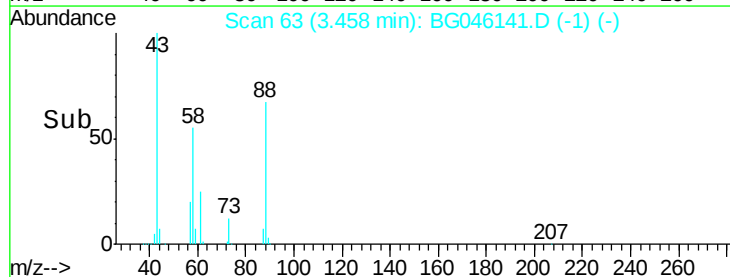
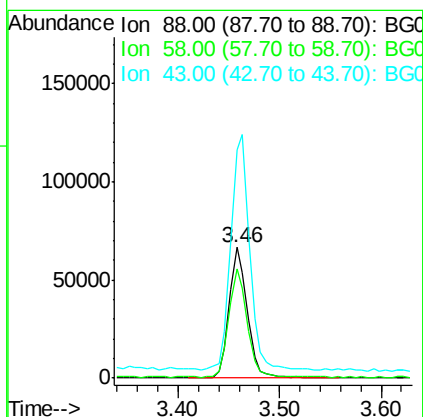
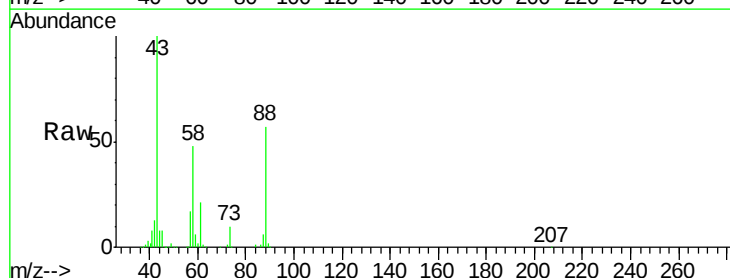
Tot Ion:152 Resp: 90288
Ion Ratio Lower Upper
152 100
150 146.0 122.1 183.1
115 54.7 43.2 64.8

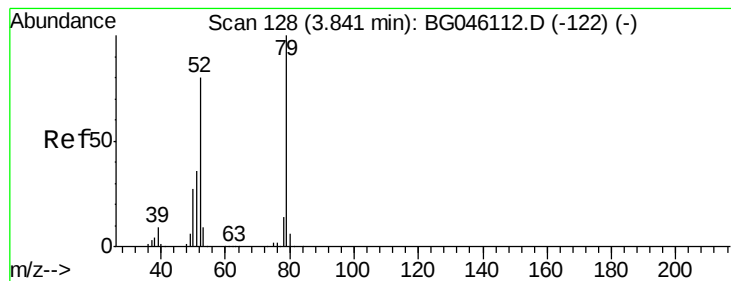


#2

1,4-Dioxane
Concen: 35.143 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion: 88 Resp: 83078
Ion Ratio Lower Upper
88 100
58 84.3 66.5 99.7
43 184.2 23.8 35.8#





#3

Pvridine

Concen: 25.913 ng

RT: 3.85 min Scan# 130

Delta R.T. 0.01 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

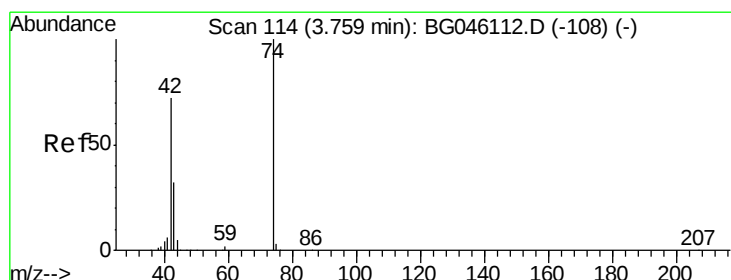
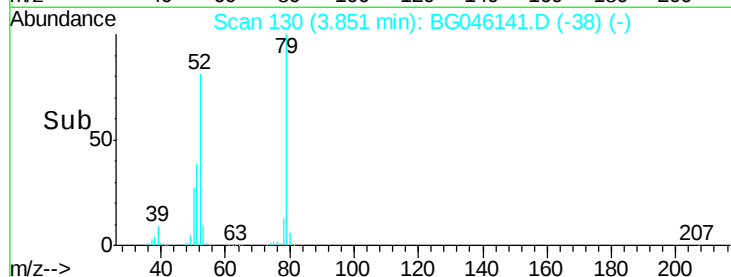
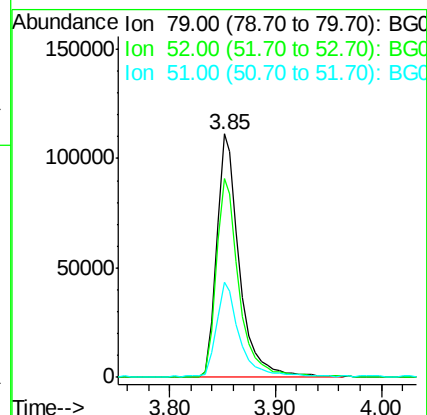
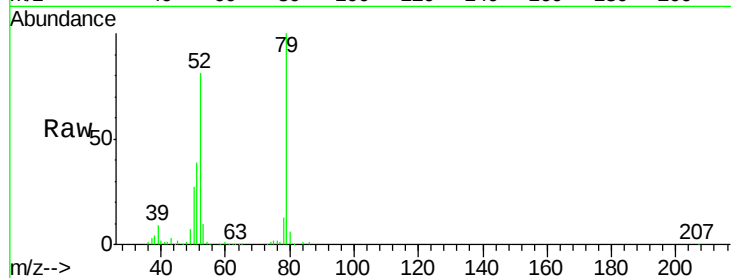
Tot Ion: 79 Resp: 168638

Ion Ratio Lower Upper

79 100

52 81.4 64.3 96.5

51 39.2 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 43.869 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

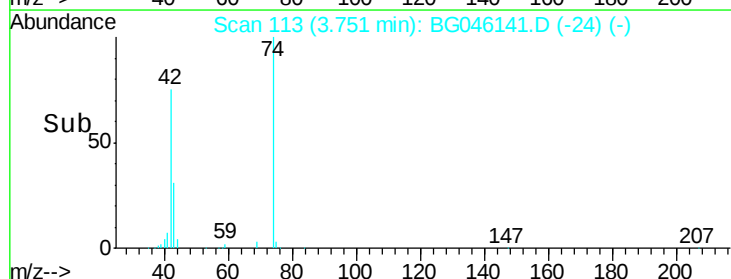
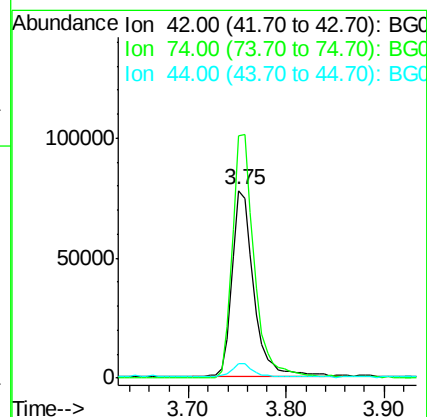
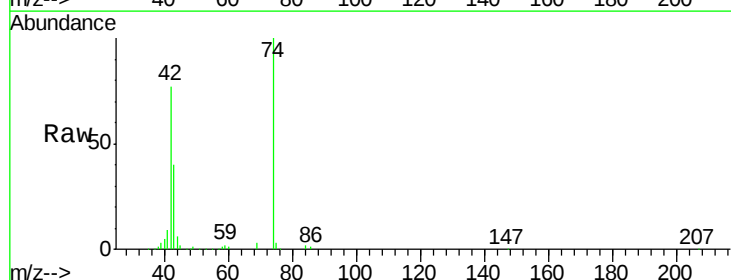
Tgt Ion: 42 Resp: 121508

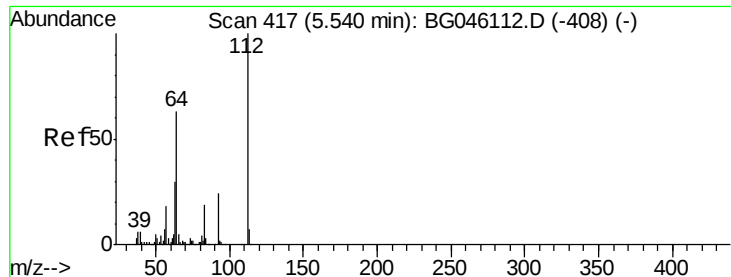
Ion Ratio Lower Upper

42 100

74 129.2 111.6 167.4

44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 111.808 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

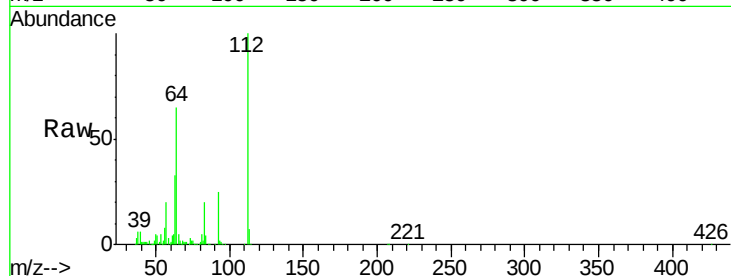
Tot Ion:112 Resp: 580713

Ion Ratio Lower Upper

112 100

64 65.0 50.2 75.2

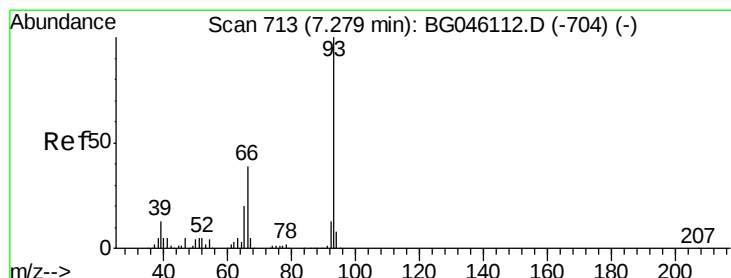
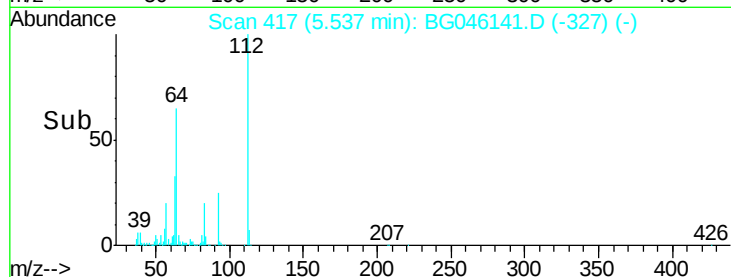
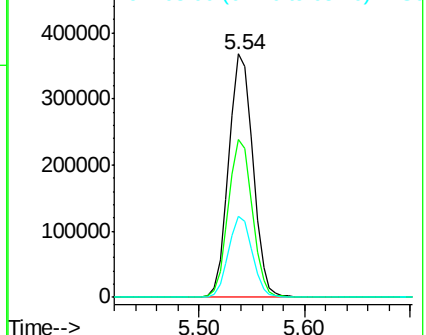
63 33.2 24.2 36.4



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: 28.841 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

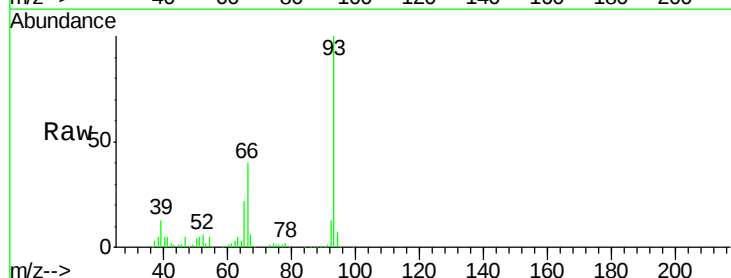
Tgt Ion: 93 Resp: 243011

Ion Ratio Lower Upper

93 100

66 39.8 31.0 46.4

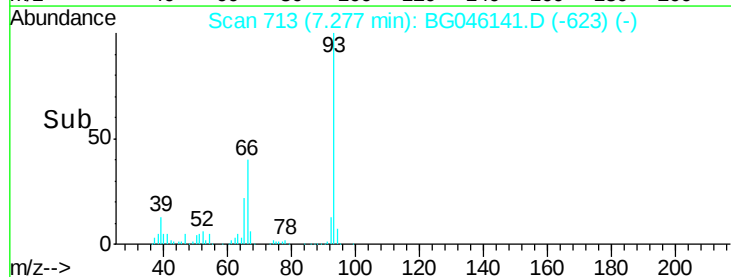
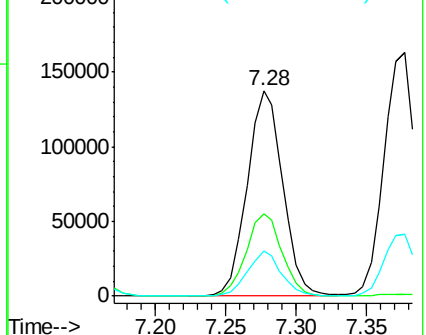
65 21.7 15.9 23.9

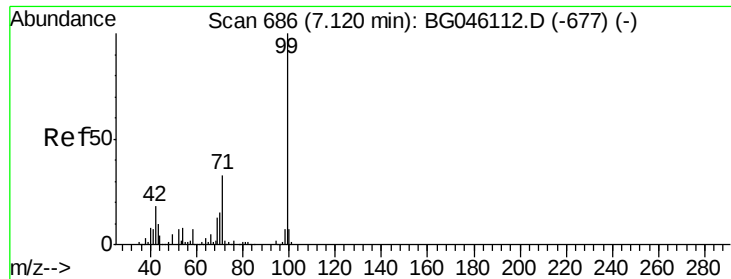


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 97.803 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

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ClientSampleId :

SU-01-073020MSD

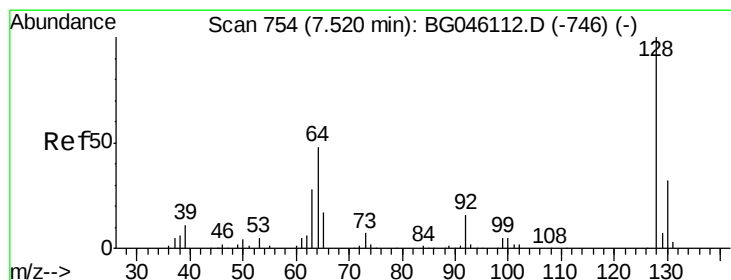
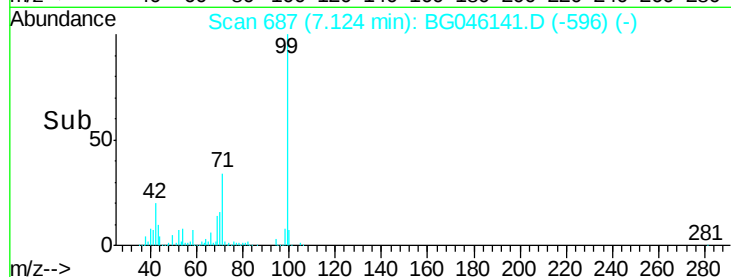
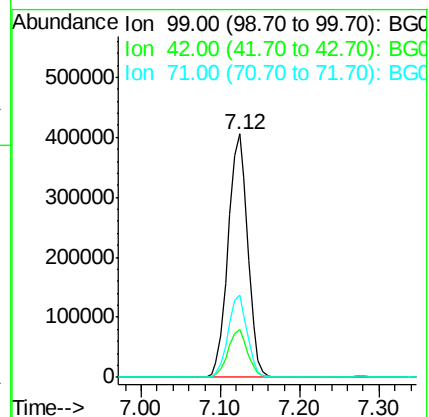
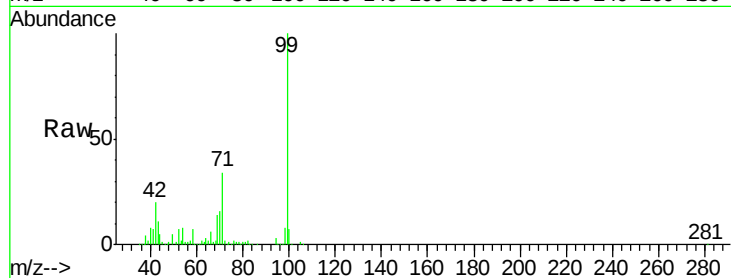
Tot Ion: 99 Resp: 692296

Ion Ratio Lower Upper

99 100

42 19.7 14.7 22.1

71 33.9 26.5 39.7



#8

2-Chlorophenol

Concen: 46.379 ng

RT: 7.52 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

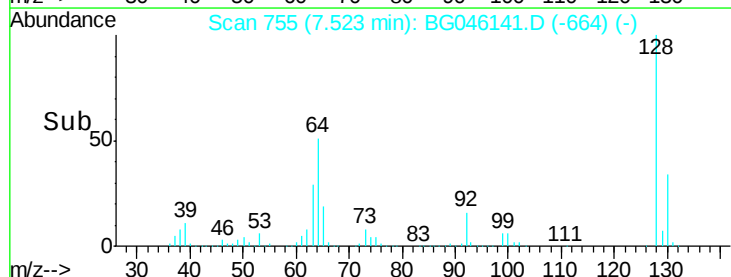
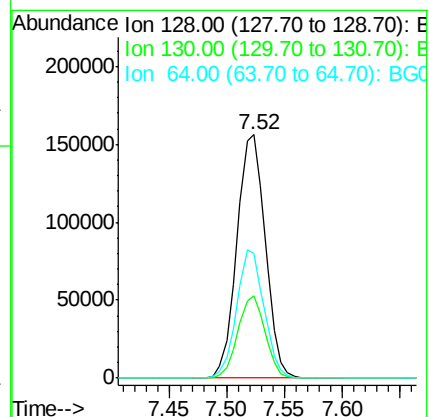
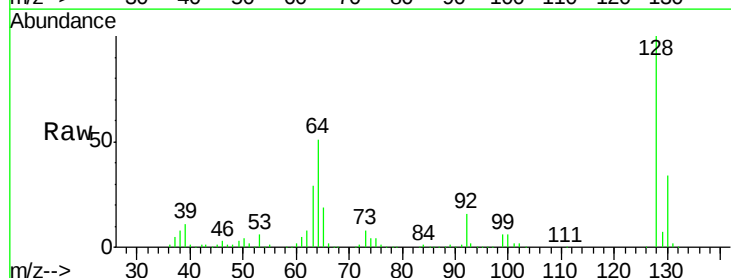
Tgt Ion: 128 Resp: 266246

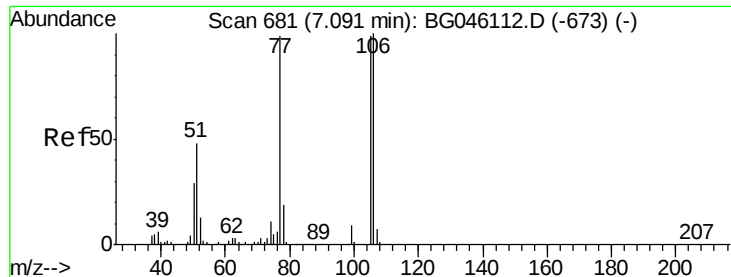
Ion Ratio Lower Upper

128 100

130 33.9 11.6 51.6

64 51.2 30.6 70.6





#9

Benzaldehyde

Concen: 41.286 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

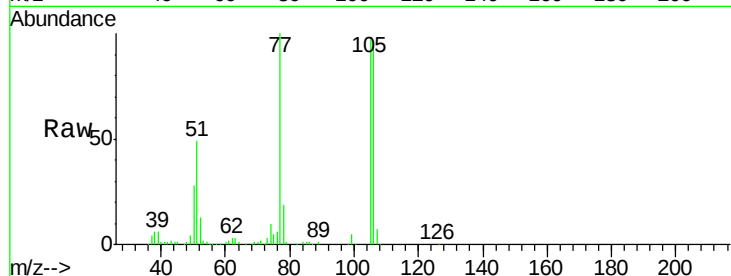
Tot Ion: 77 Resp: 173417

Ion Ratio Lower Upper

77 100

105 98.1 80.3 120.3

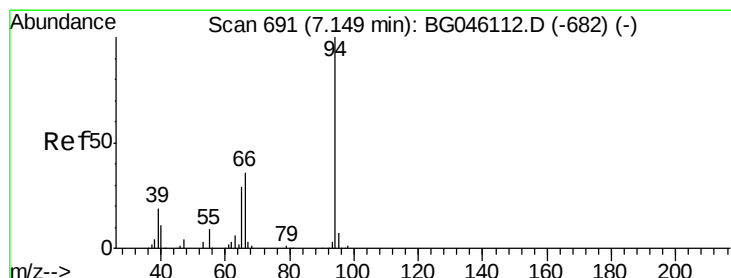
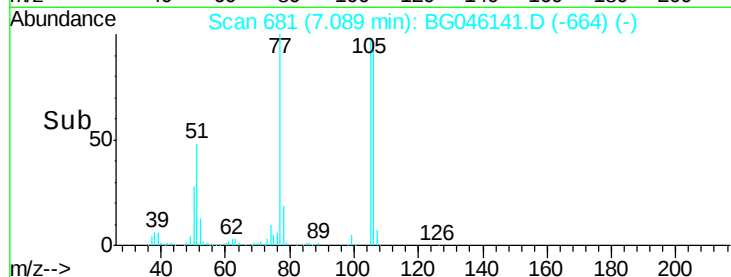
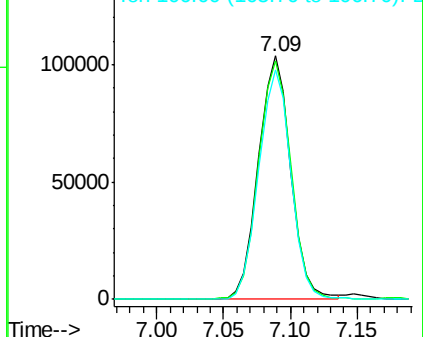
106 94.2 81.5 121.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.946 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

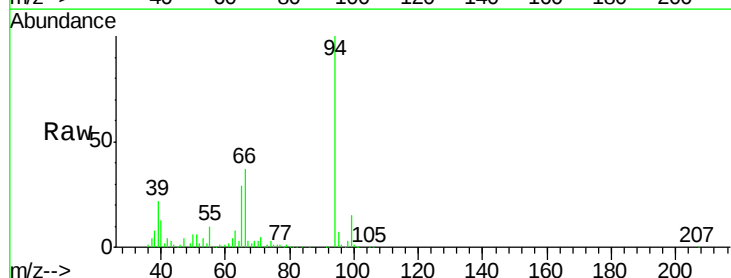
Tgt Ion: 94 Resp: 284097

Ion Ratio Lower Upper

94 100

65 28.8 9.6 49.6

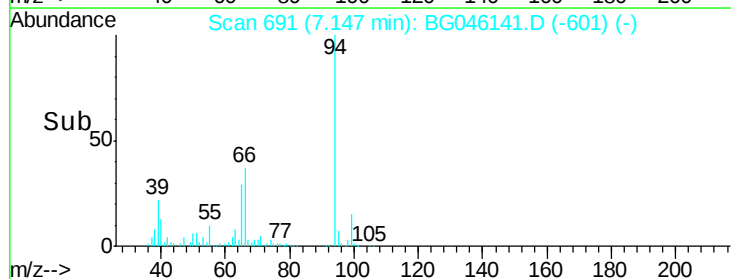
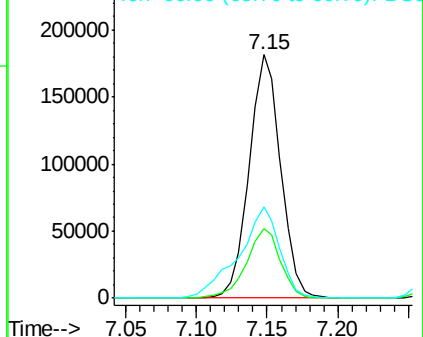
66 37.3 16.3 56.3

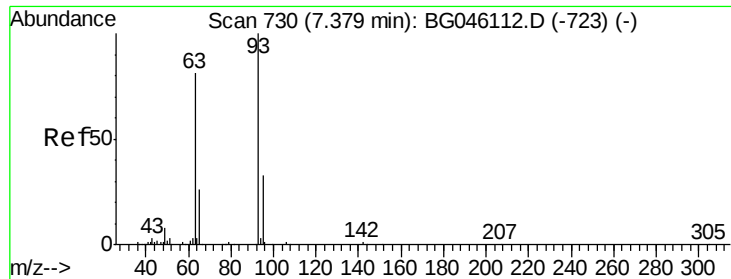


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

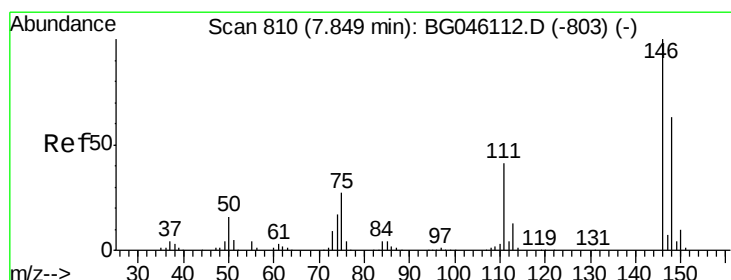
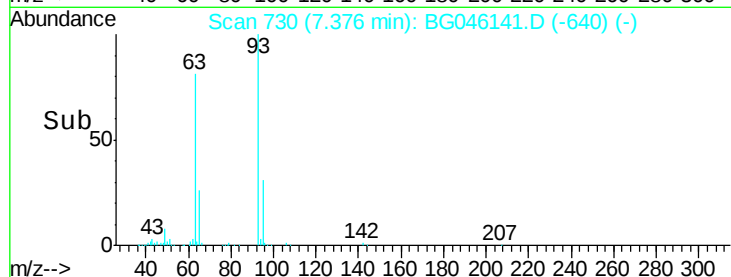
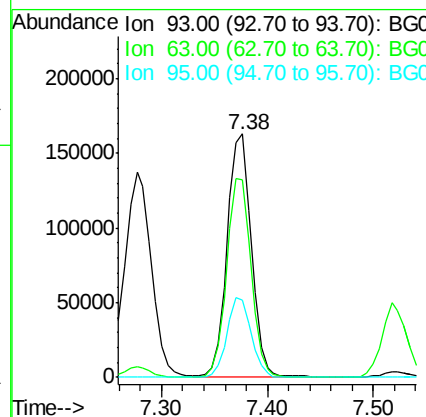
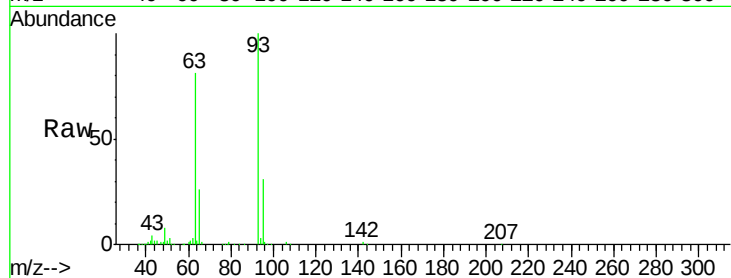




#11
bis(2-Chloroethyl)ether
Concen: 45.804 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

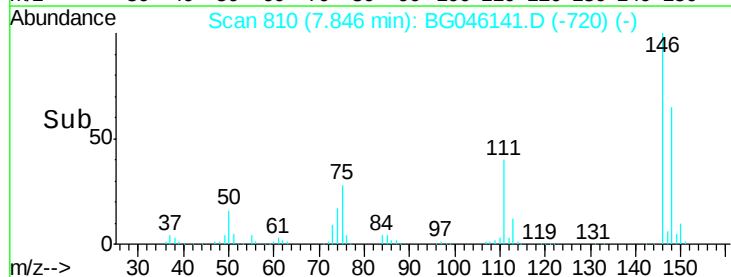
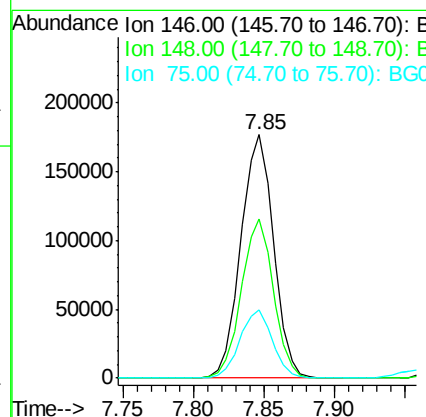
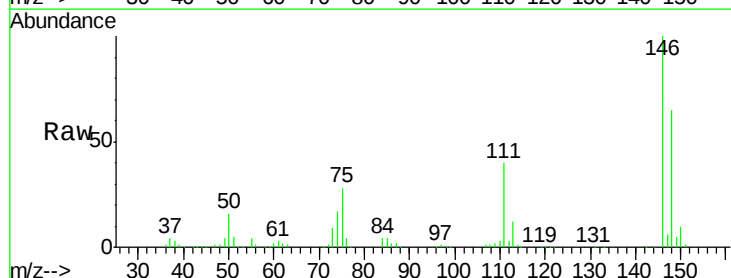
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

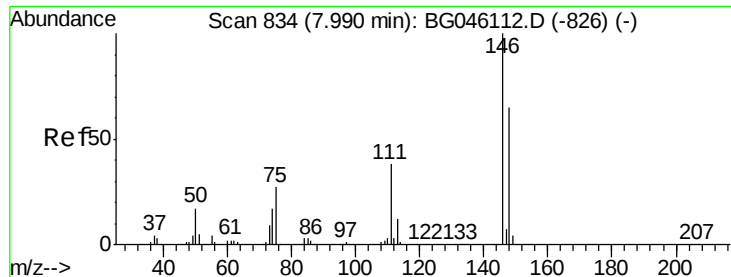
Tot Ion: 93 Resp: 259118
Ion Ratio Lower Upper
93 100
63 81.3 60.0 100.0
95 31.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.141 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion: 146 Resp: 286269
Ion Ratio Lower Upper
146 100
148 65.4 50.5 75.7
75 27.9 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 41.131 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

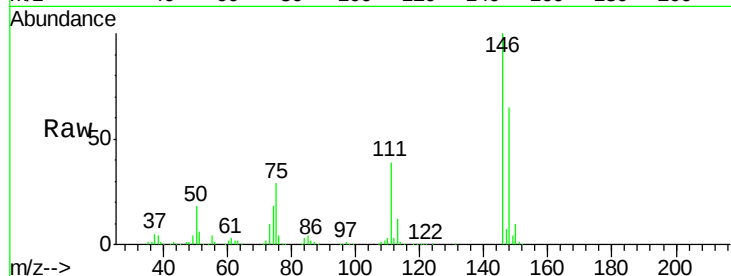
Tot Ion:146 Resp: 287391

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

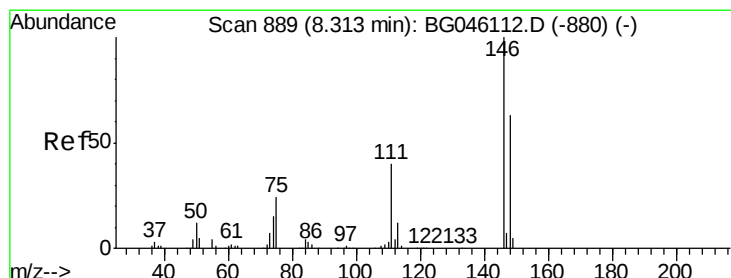
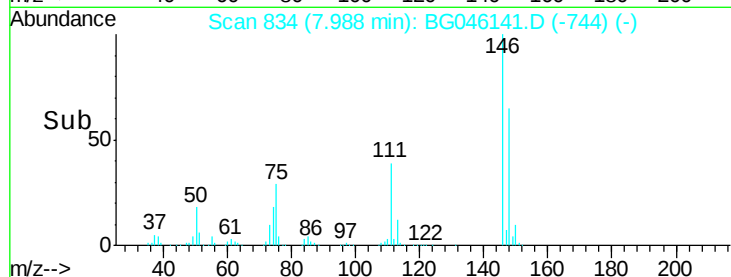
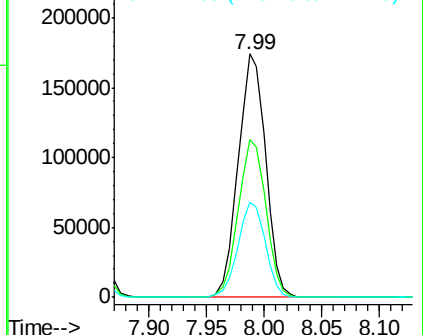
111 39.2 30.7 46.1



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: 43.242 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

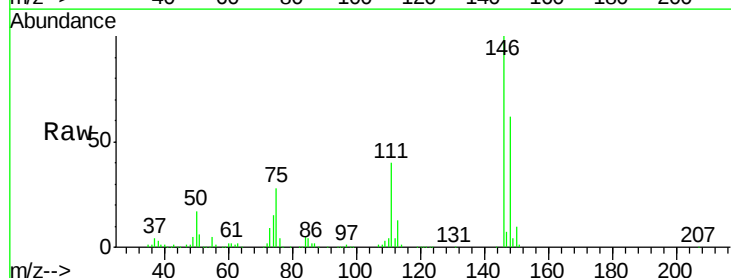
Tgt Ion:146 Resp: 284950

Ion Ratio Lower Upper

146 100

148 61.6 50.8 76.2

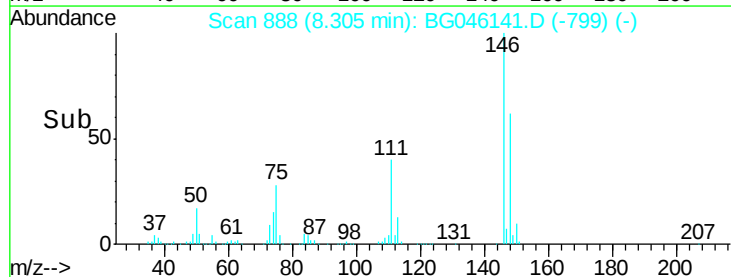
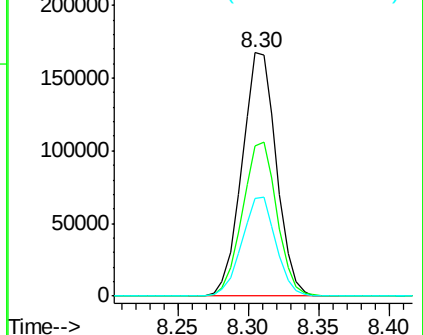
111 40.1 32.4 48.6

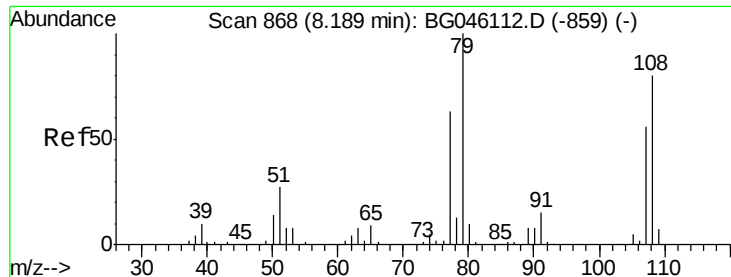


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.878 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

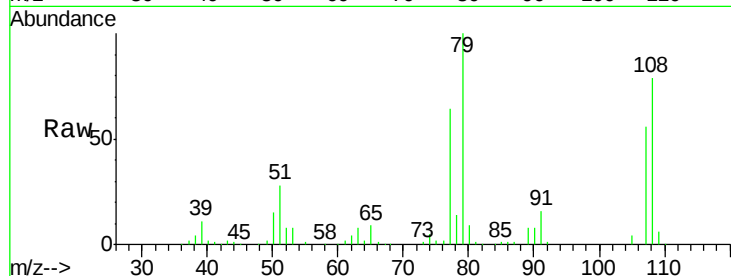
Tot Ion: 79 Resp: 239023

Ion Ratio Lower Upper

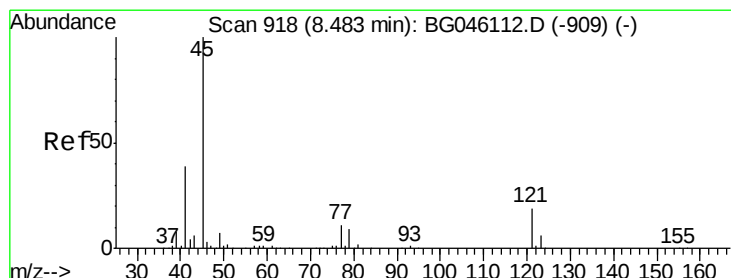
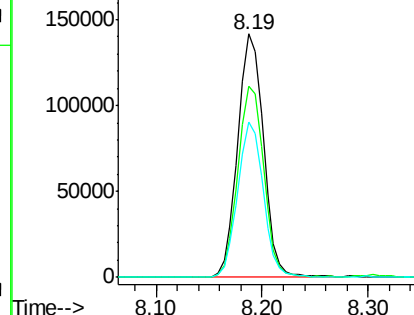
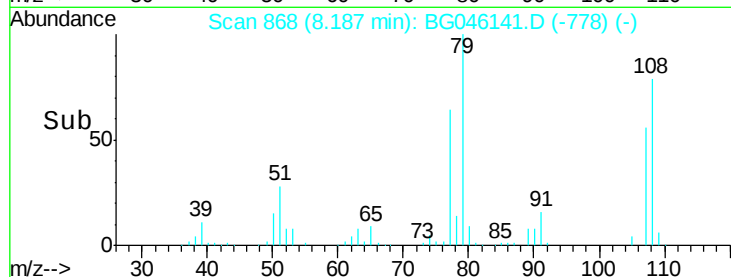
79 100

108 78.7 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: 47.522 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

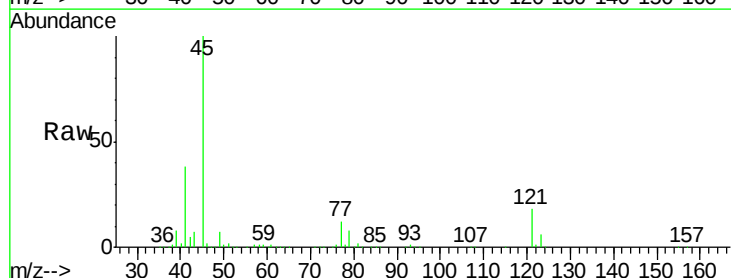
Tgt Ion: 45 Resp: 440749

Ion Ratio Lower Upper

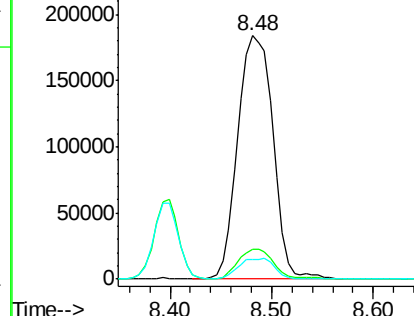
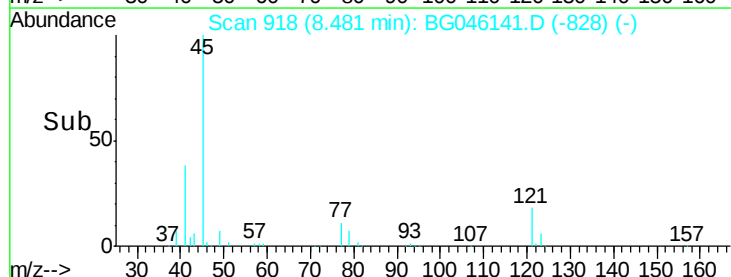
45 100

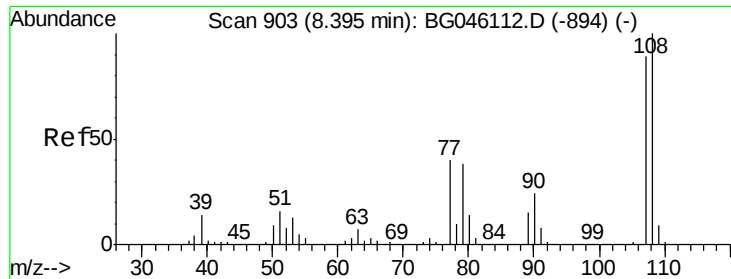
77 12.0 0.0 31.9

79 8.2 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

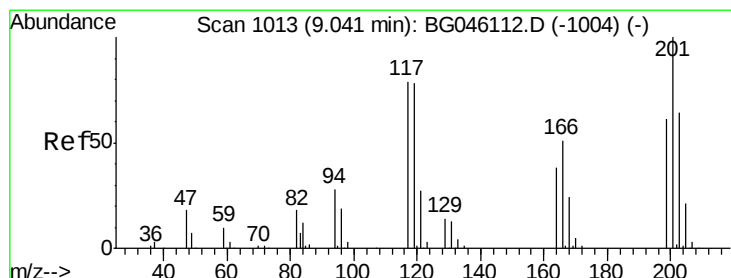
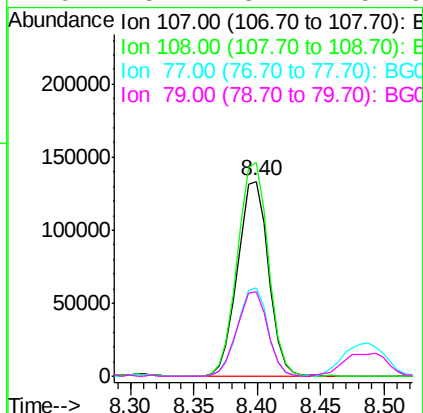
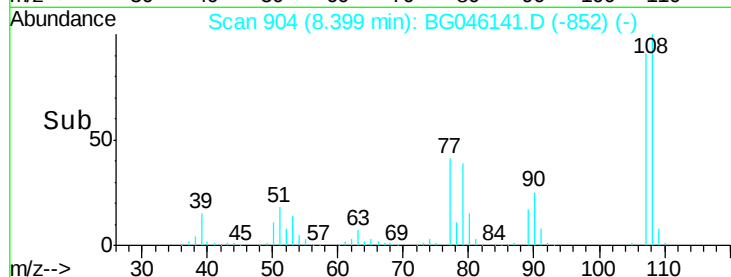
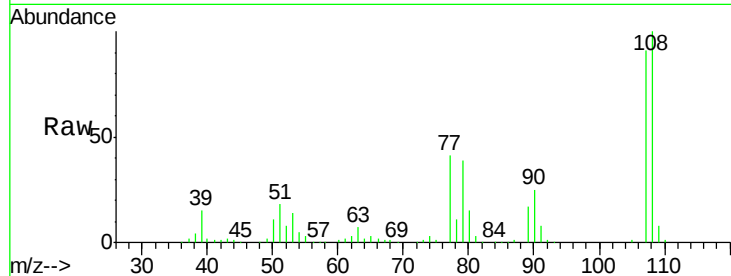




#17
2-Methylphenol
Concen: 47.169 ng
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

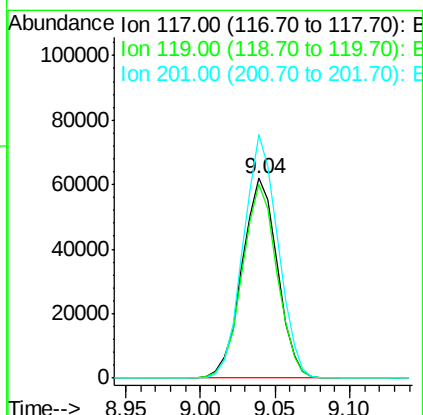
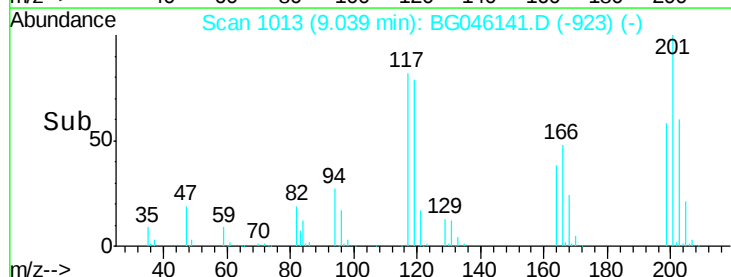
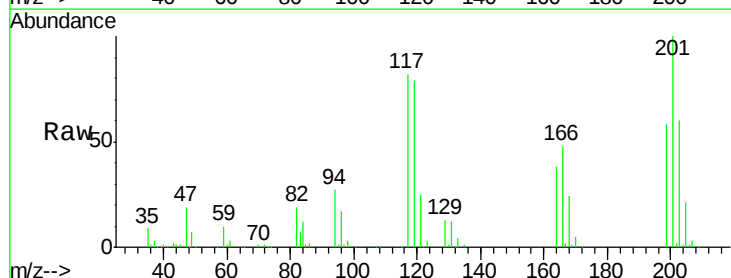
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

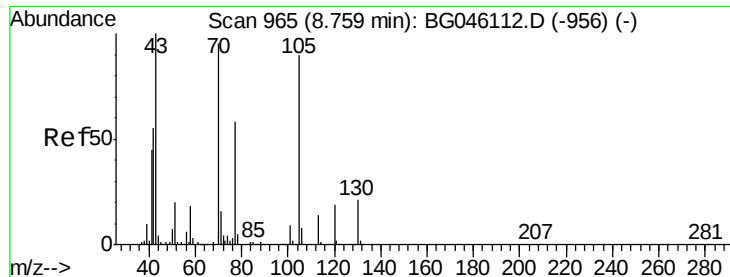
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	90.0	135.0
77	45.5	35.6	53.4
79	43.2	34.4	51.6



#18
Hexachloroethane
Concen: 43.510 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.5	117.7
201	122.1	101.0	151.4

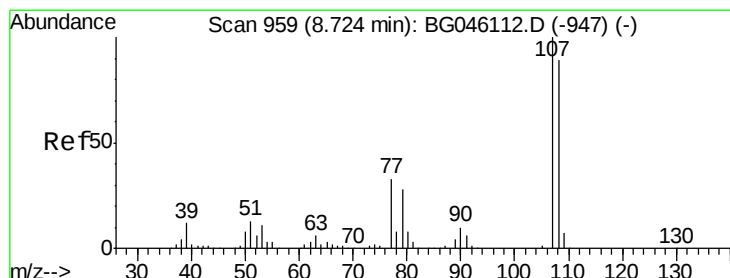
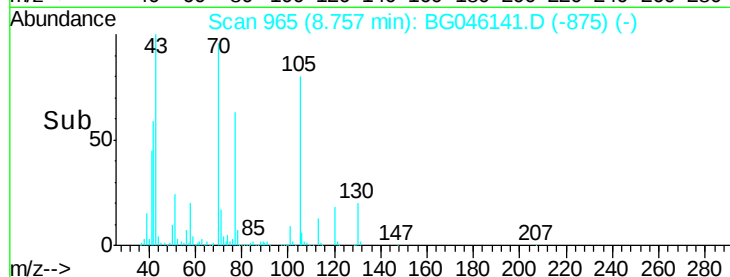
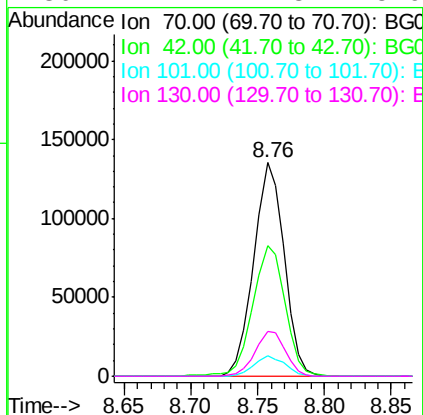
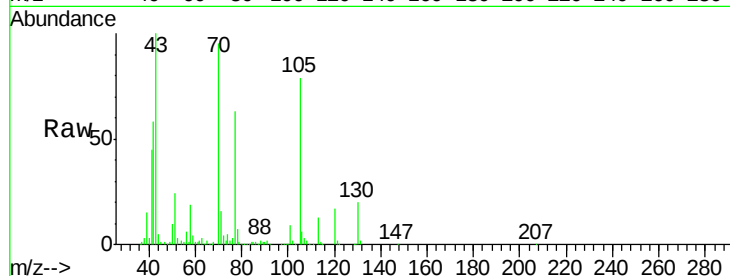




#19
n-Nitroso-di-n-propylamine
Concen: 46.249 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

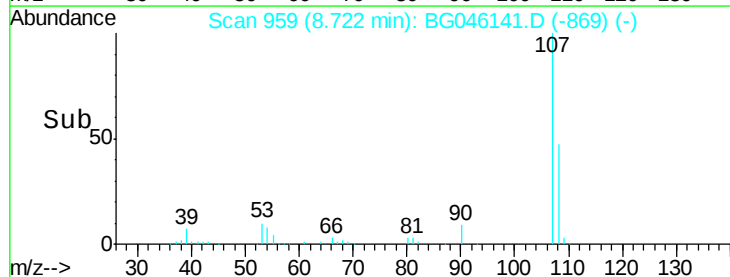
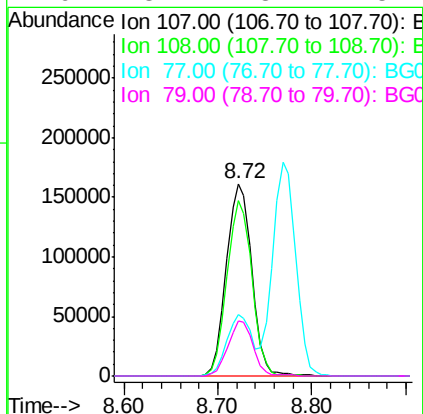
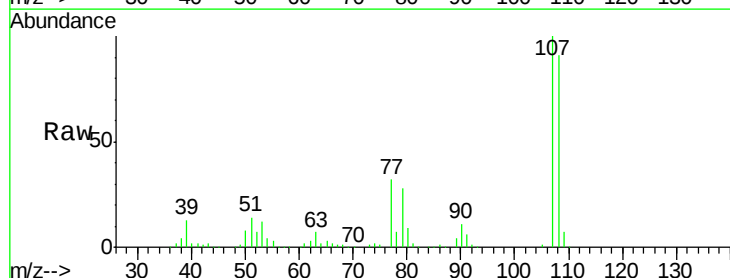
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

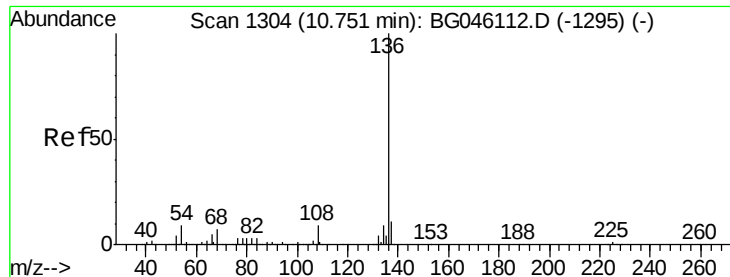
Tot Ion:	70	Resp:	213059
Ion	Ratio	Lower	Upper
70	100		
42	61.2	46.5	69.7
101	9.8	7.6	11.4
130	21.1	17.3	25.9



#20
3+4-Methylphenols
Concen: 46.236 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion:	107	Resp:	303855
Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.1	109.1
77	31.8	12.5	52.5
79	28.4	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: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

Tot Ion:136 Resp: 349102

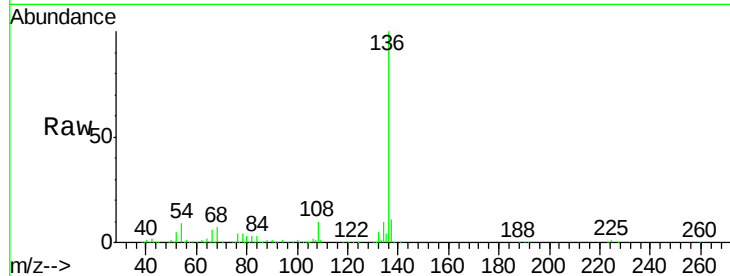
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.4 7.0 10.4

68 6.8 5.3 7.9

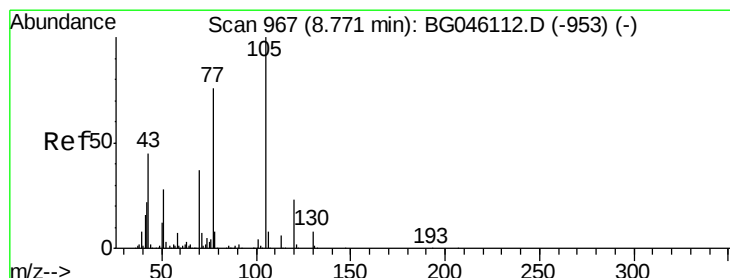
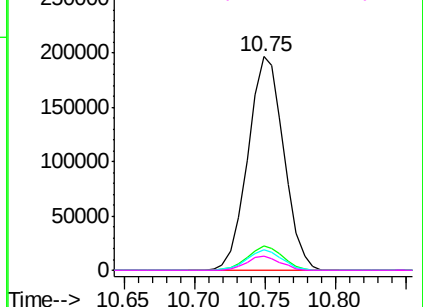
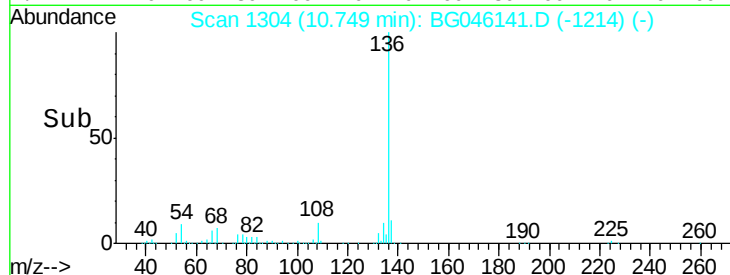


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.210 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Tgt Ion:105 Resp: 396084

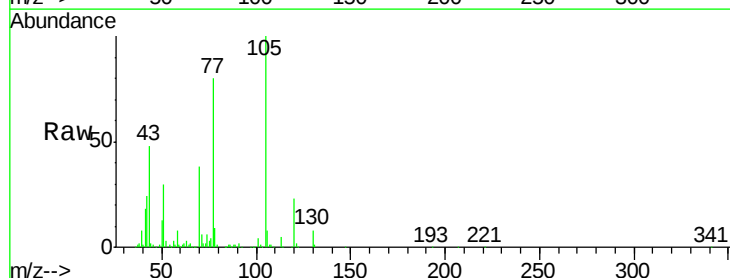
Ion Ratio Lower Upper

105 100

71 6.1 5.3 7.9

51 29.8 22.7 34.1

120 23.1 18.7 28.1

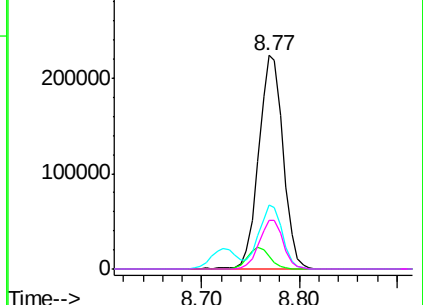
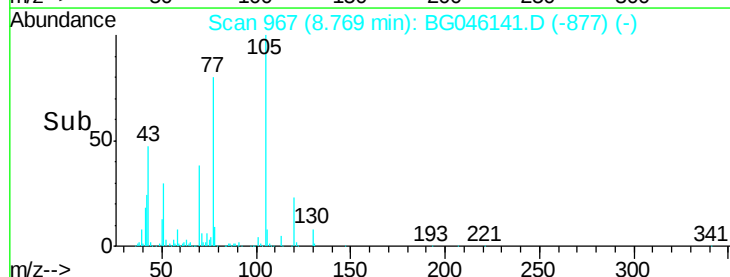


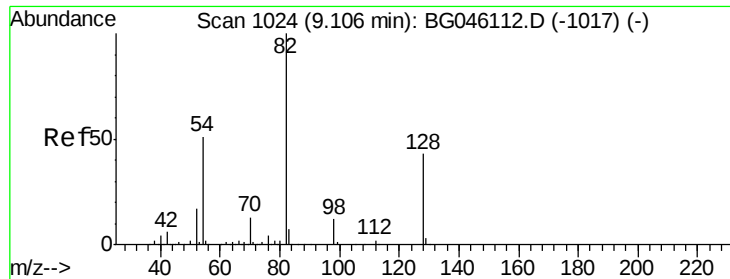
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

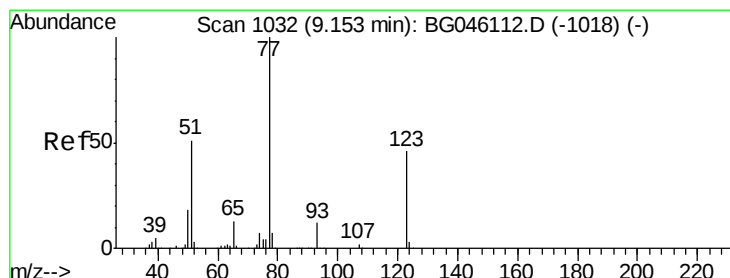
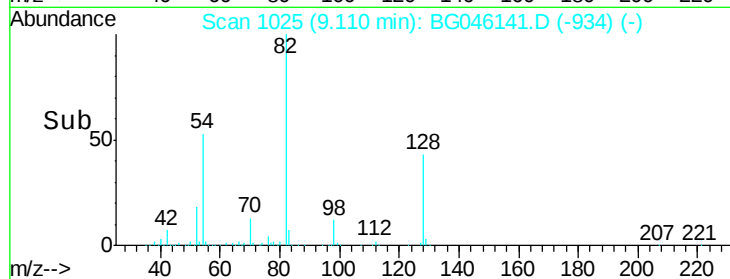
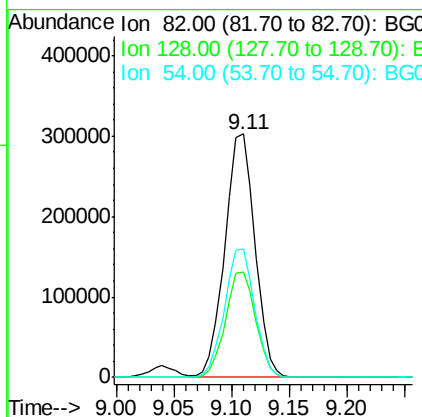
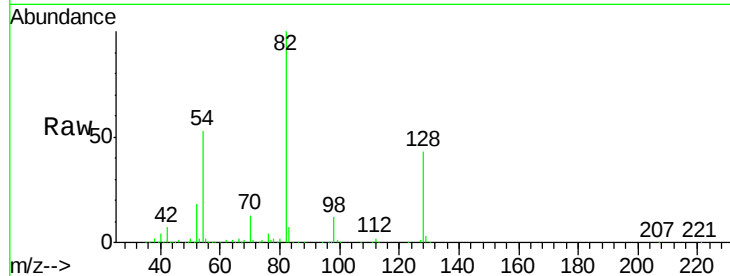




#23
 Nitrobenzene-d5
 Concen: 84.753 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

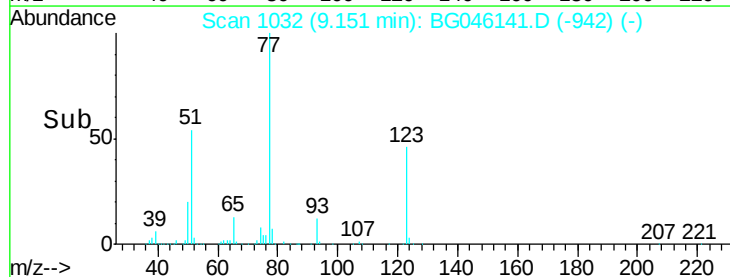
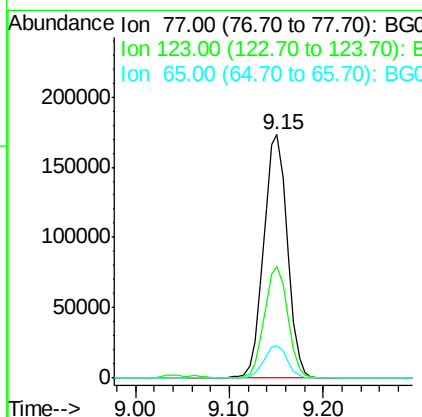
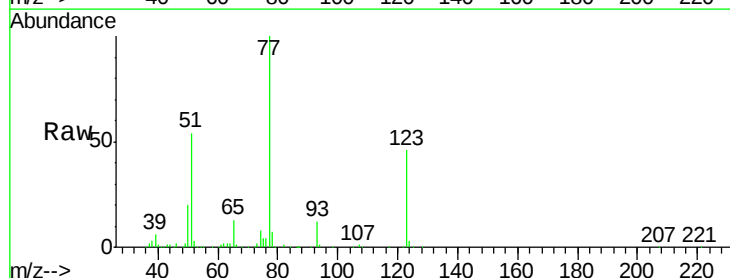
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MSD

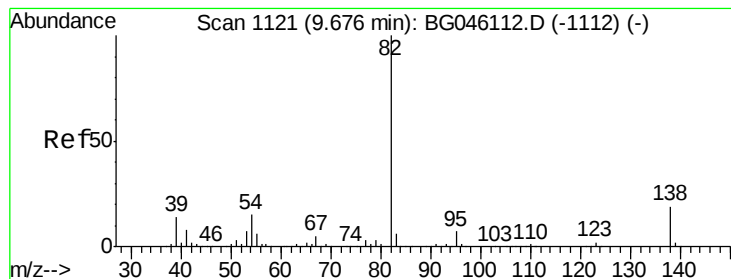
Tot Ion	82	Resp	546469
Ion Ratio	Lower	Upper	
82	100		
128	43.2	34.4	51.6
54	52.6	40.8	61.2



#24
 Nitrobenzene
 Concen: 43.937 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

Tgt Ion	77	Resp	302045
Ion Ratio	Lower	Upper	
77	100		
123	46.0	36.8	55.2
65	13.4	10.2	15.2





#25

Isophorone

Concen: 44.985 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

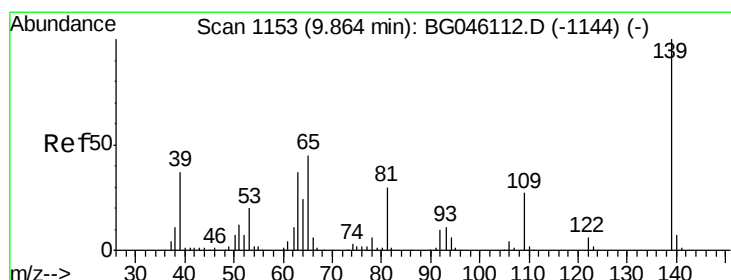
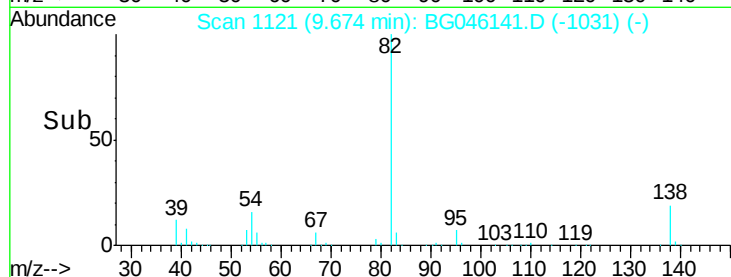
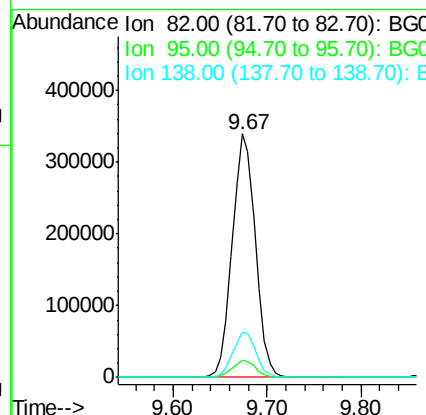
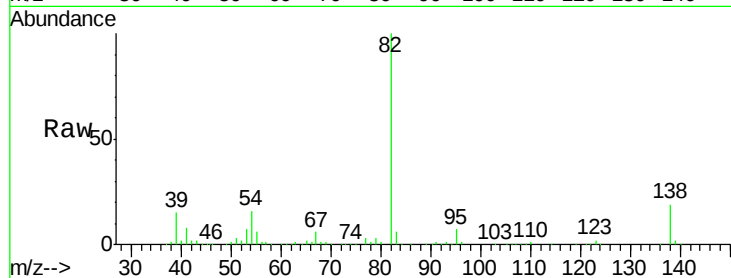
Tot Ion: 82 Resp: 577151

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 18.5 15.3 22.9



#26

2-Nitrophenol

Concen: 47.599 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

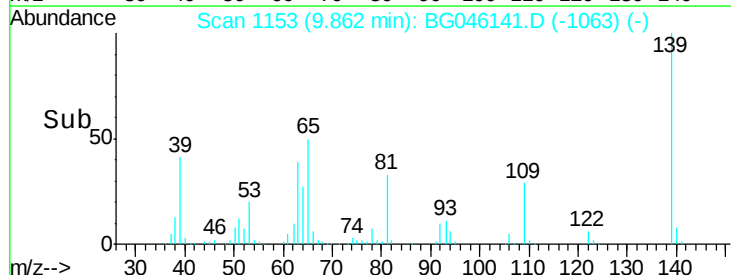
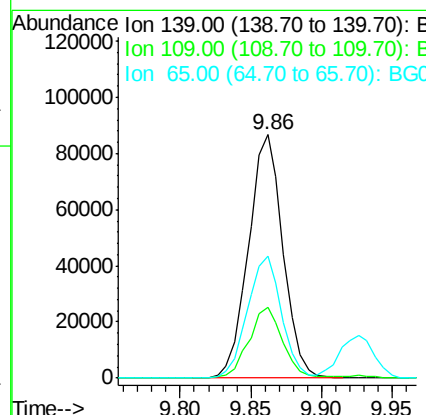
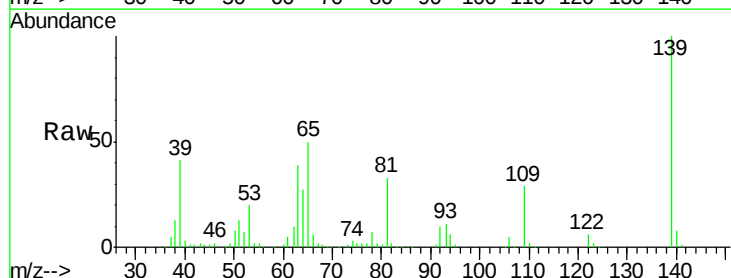
Tgt Ion: 139 Resp: 148300

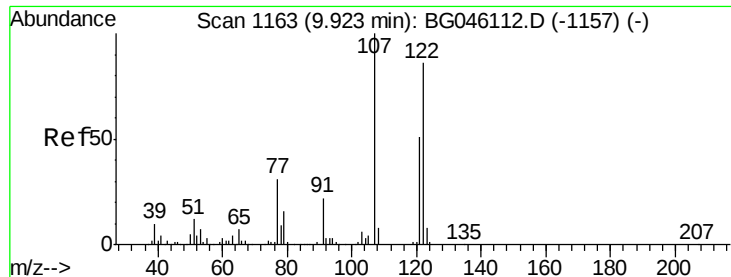
Ion Ratio Lower Upper

139 100

109 28.9 21.8 32.8

65 49.9 36.2 54.2

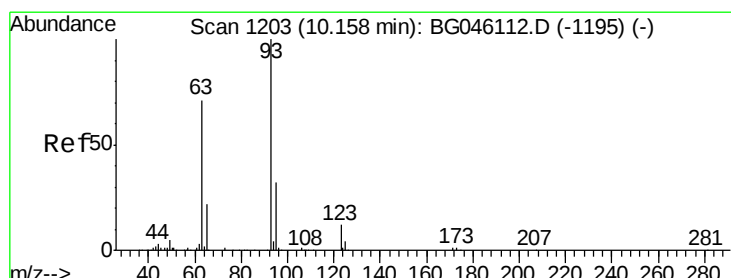
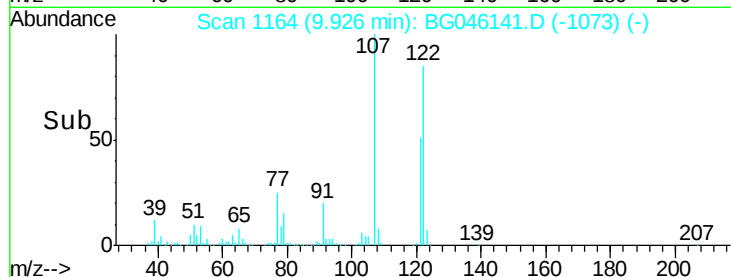
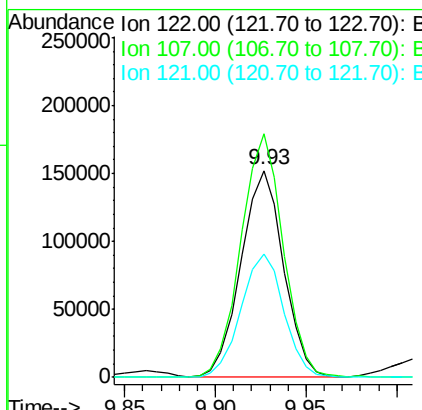
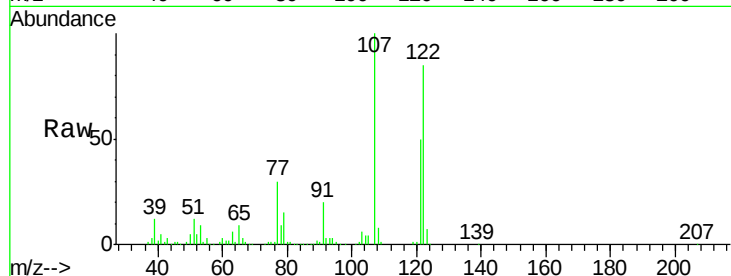




#27
 2,4-Dimethylphenol
 Concen: 48.559 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

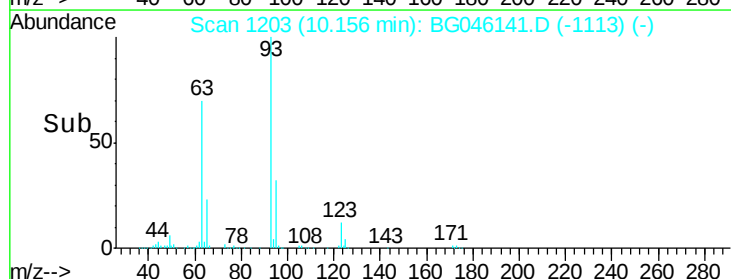
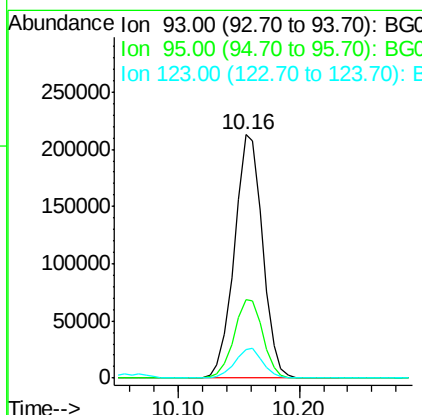
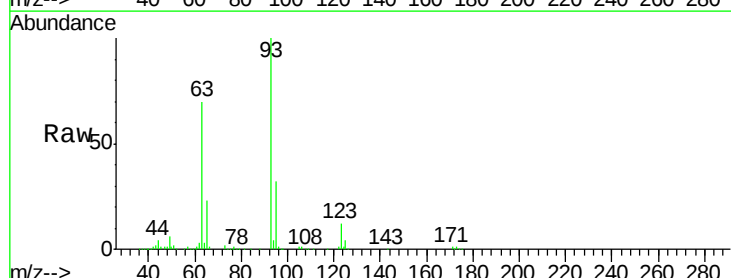
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MSD

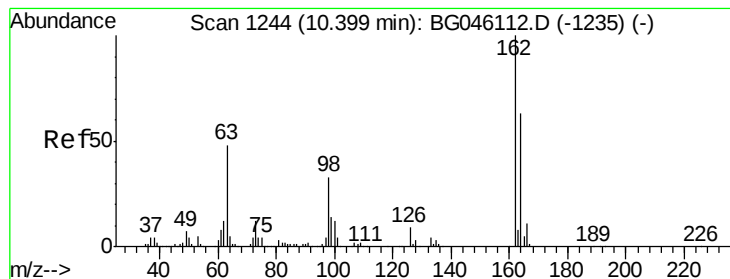
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	92.4	138.6
121	59.4	47.0	70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.659 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	11.8	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 46.512 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

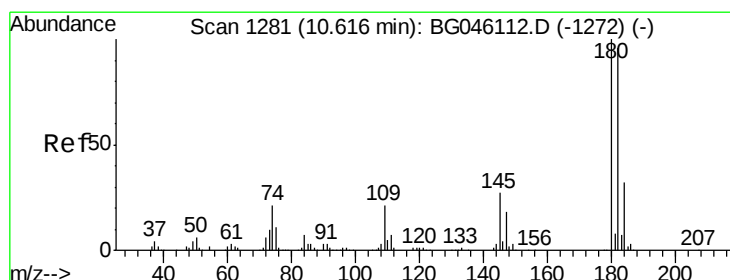
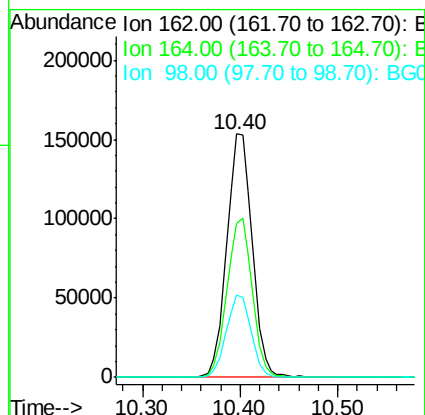
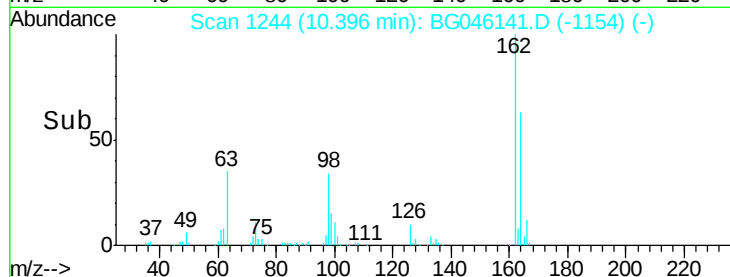
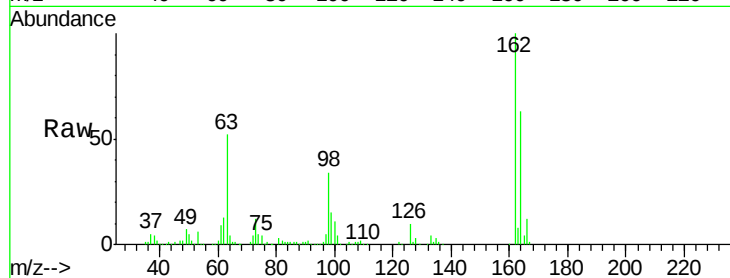
Tot Ion:162 Resp: 277340

Ion Ratio Lower Upper

162 100

164 63.3 43.3 83.3

98 33.9 13.1 53.1



#30

1,2,4-Trichlorobenzene

Concen: 41.095 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

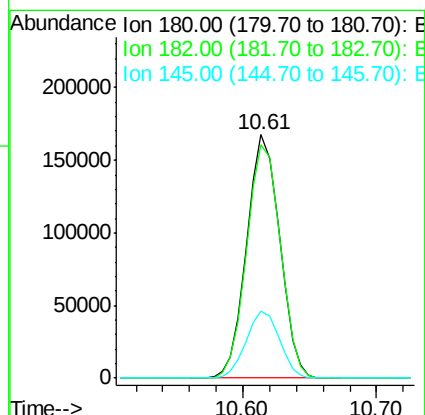
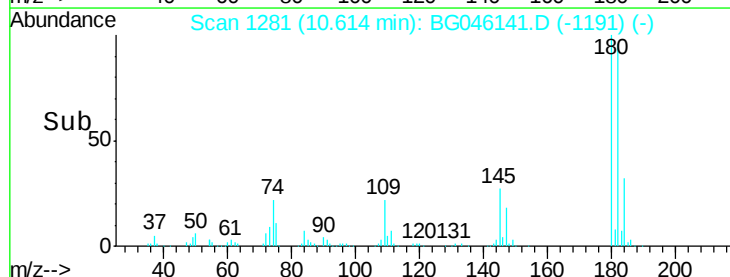
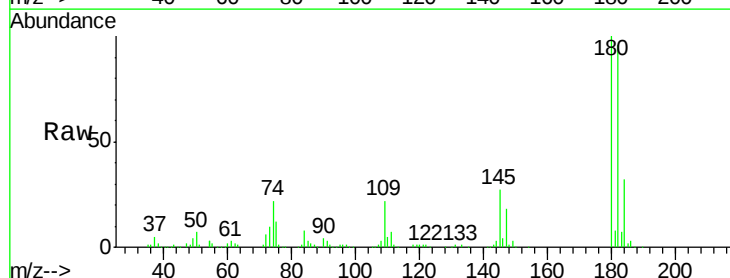
Tgt Ion:180 Resp: 287057

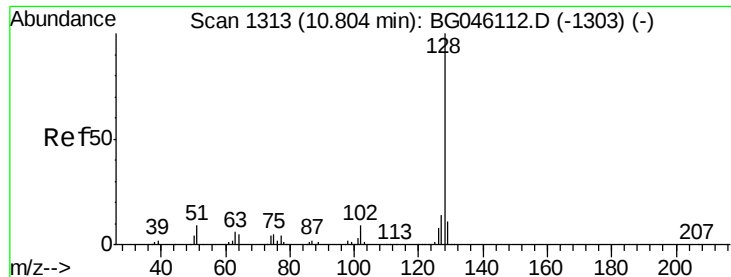
Ion Ratio Lower Upper

180 100

182 95.8 76.7 115.1

145 27.4 21.8 32.8

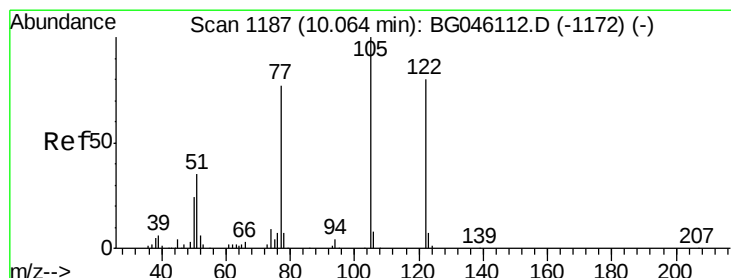
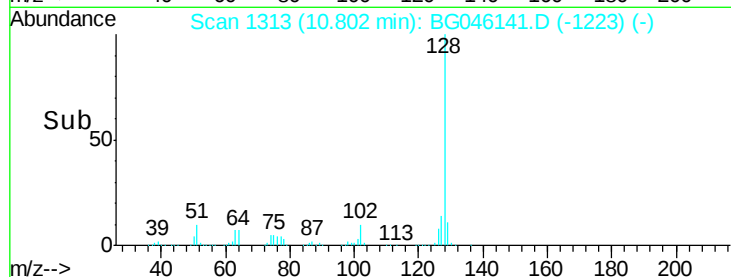
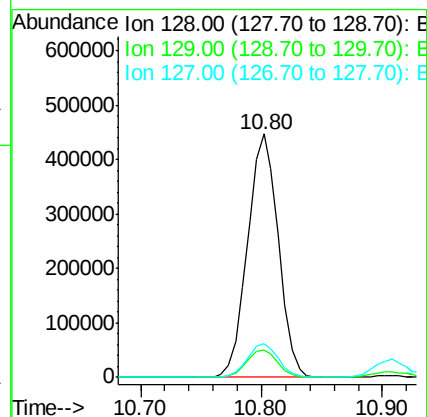
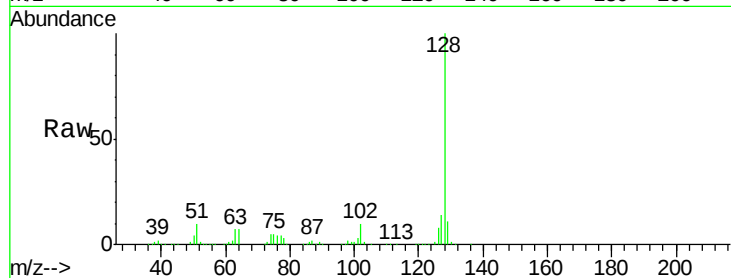




#31
Naphthalene
Concen: 42.865 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

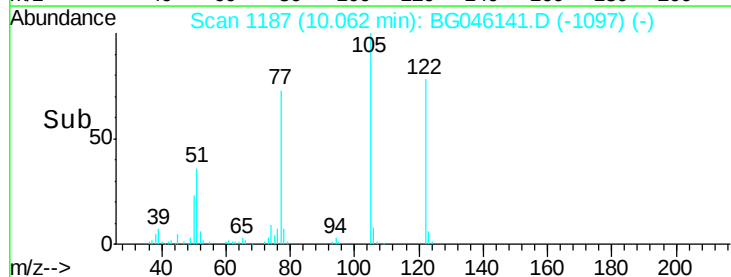
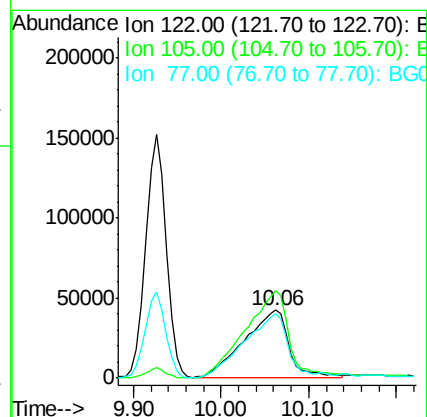
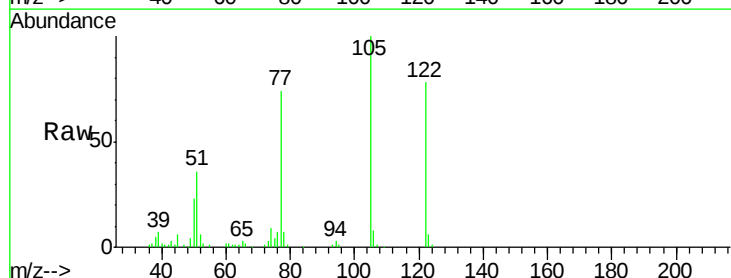
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

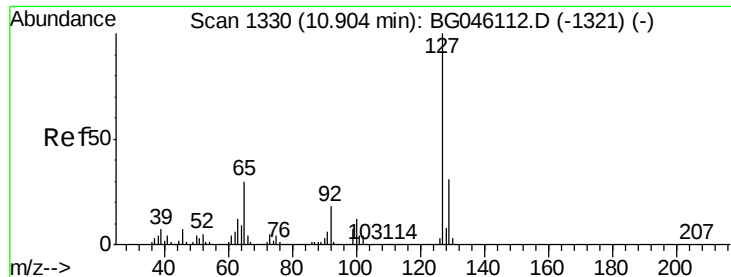
Tot Ion:128 Resp: 791782
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.9 11.3 16.9



#32
Benzoic acid
Concen: 40.887 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion:122 Resp: 145906
Ion Ratio Lower Upper
122 100
105 127.6 103.0 143.0
77 94.0 75.2 115.2

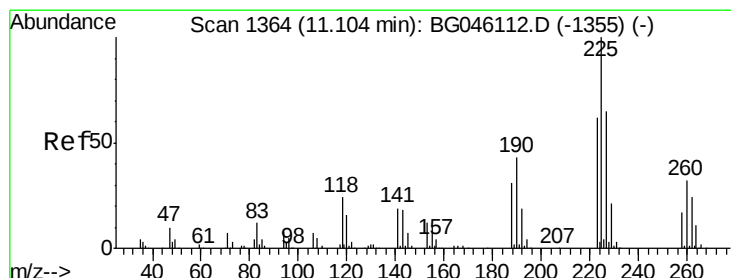
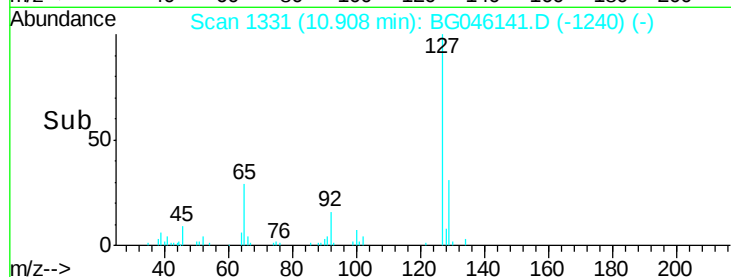
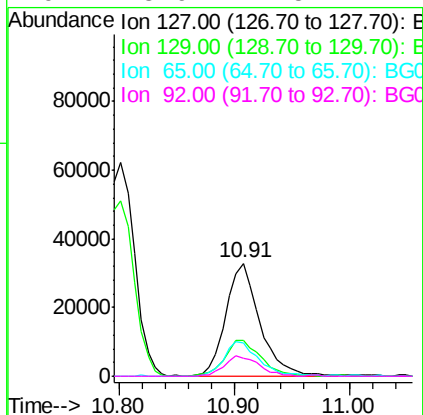
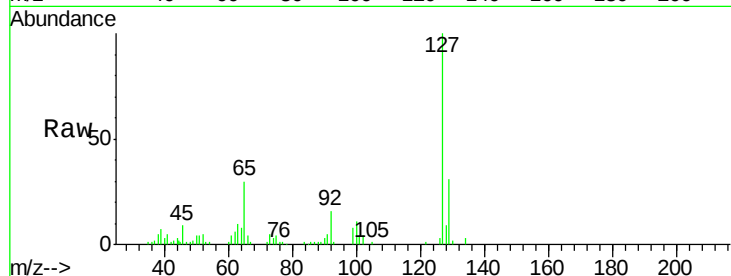




#33
4-Chloroaniline
Concen: 8.920 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

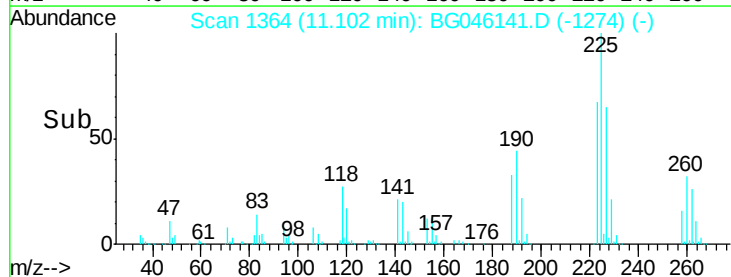
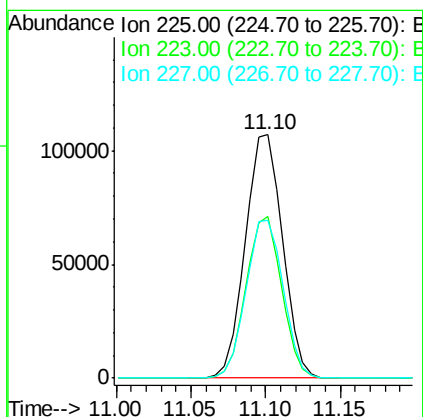
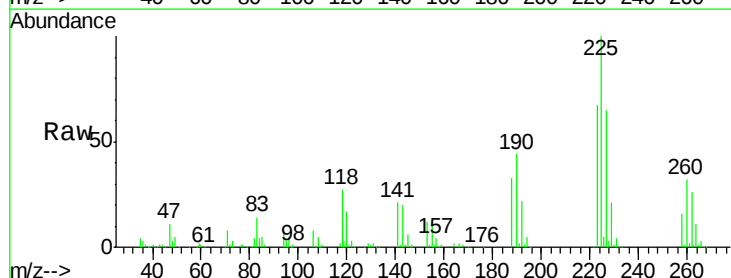
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

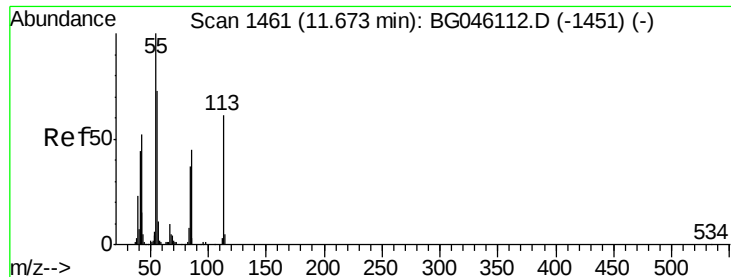
Tot Ion:127 Resp: 67331
Ion Ratio Lower Upper
127 100
129 31.3 25.2 37.8
65 29.5 24.2 36.2
92 15.9 14.5 21.7



#34
Hexachlorobutadiene
Concen: 39.661 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion:225 Resp: 184423
Ion Ratio Lower Upper
225 100
223 66.6 49.8 74.6
227 65.0 51.9 77.9





#35

Caprolactam

Concen: 21.622 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.04 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

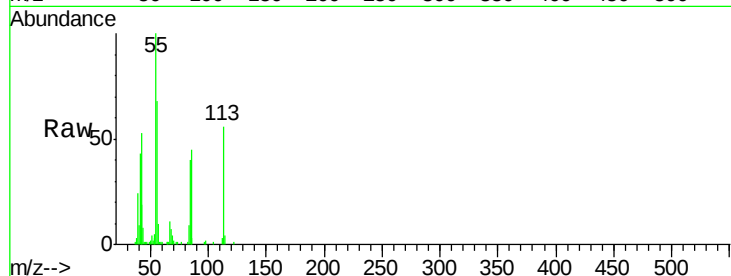
Tot Ion:113 Resp: 42198

Ion Ratio Lower Upper

113 100

55 179.1 144.7 184.7

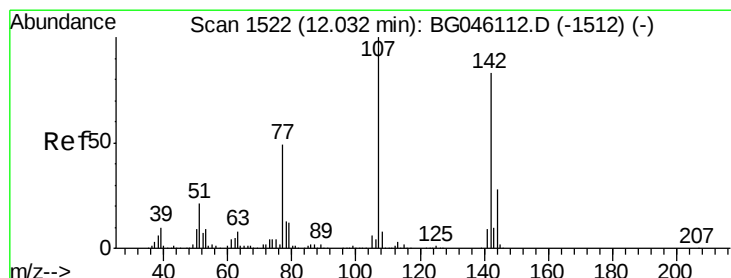
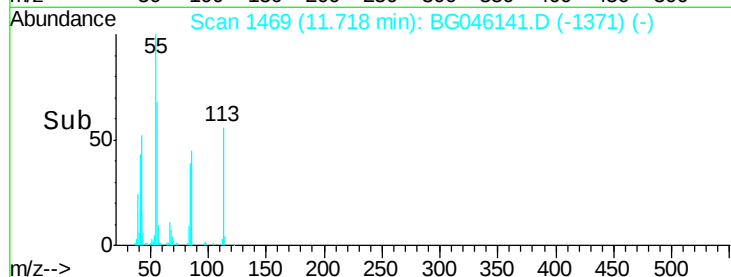
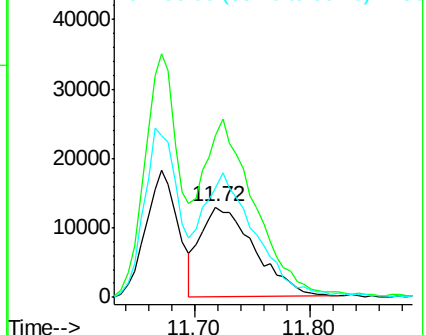
56 121.6 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.353 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

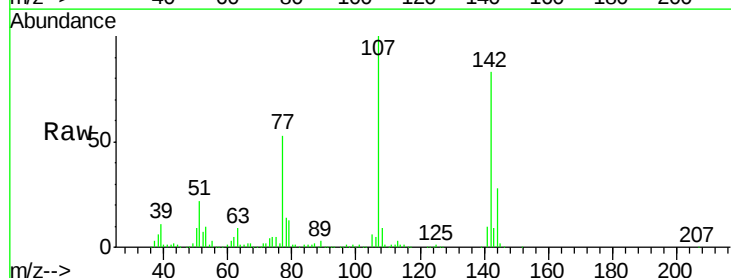
Tgt Ion:107 Resp: 288792

Ion Ratio Lower Upper

107 100

144 27.8 22.4 33.6

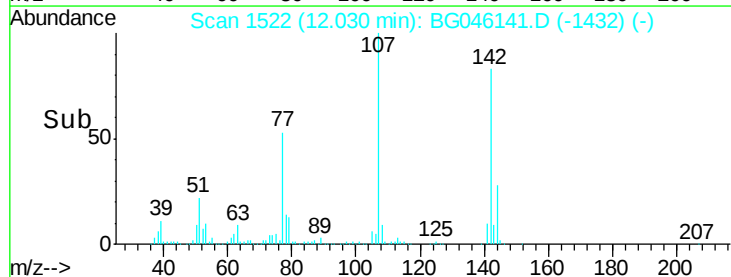
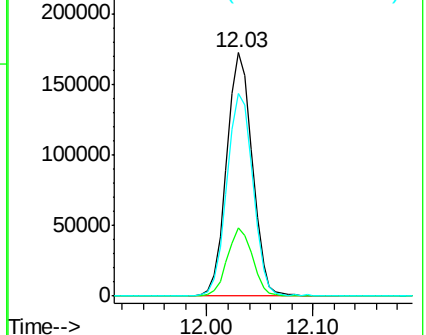
142 83.4 66.6 100.0

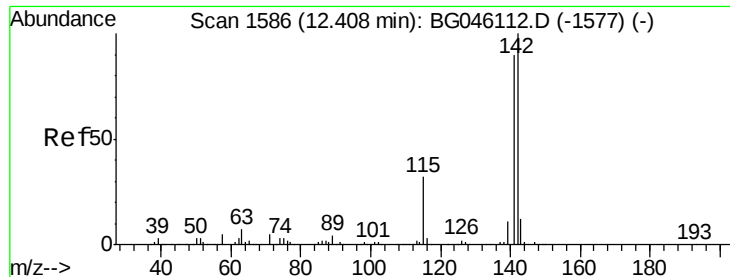


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

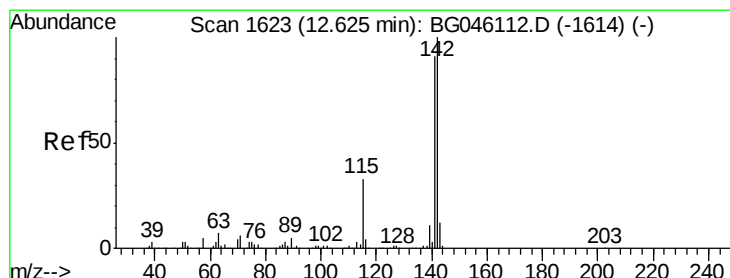
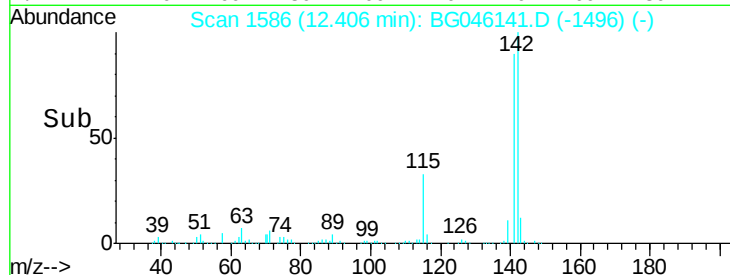
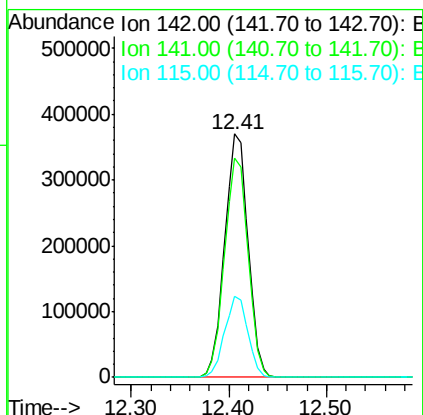
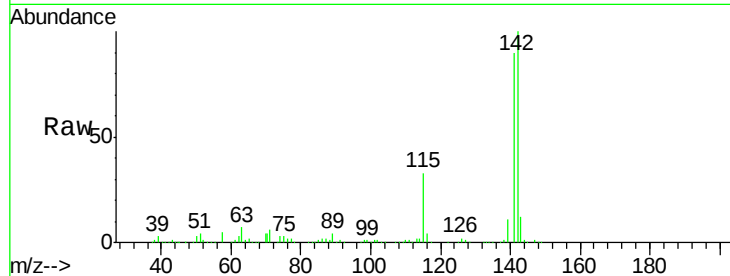




#37
2-Methylnaphthalene
Concen: 43.209 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

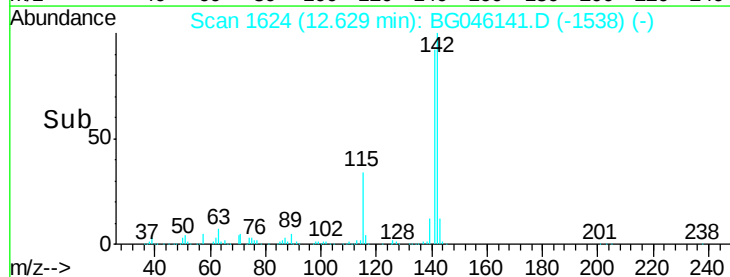
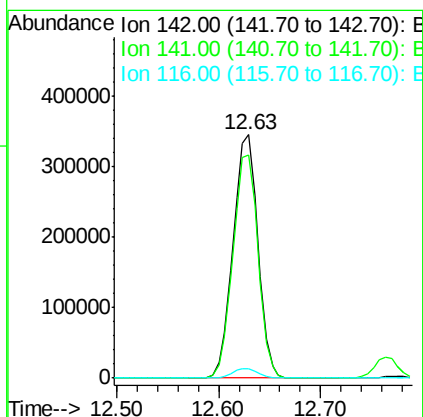
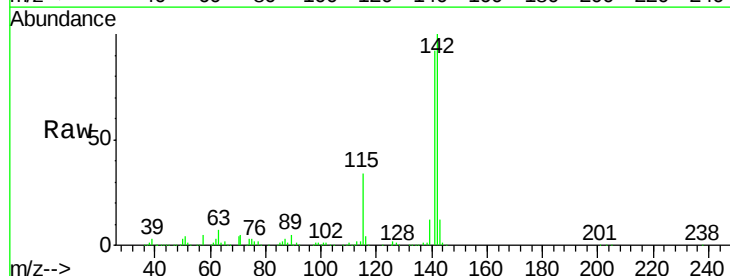
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

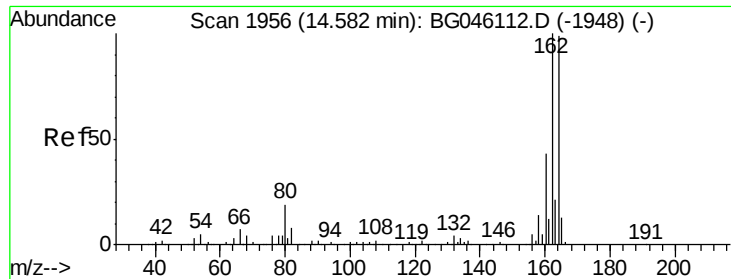
Tot Ion:142 Resp: 614149
Ion Ratio Lower Upper
142 100
141 90.2 71.7 107.5
115 33.3 25.8 38.8



#38
1-Methylnaphthalene
Concen: 43.544 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion:142 Resp: 585666
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

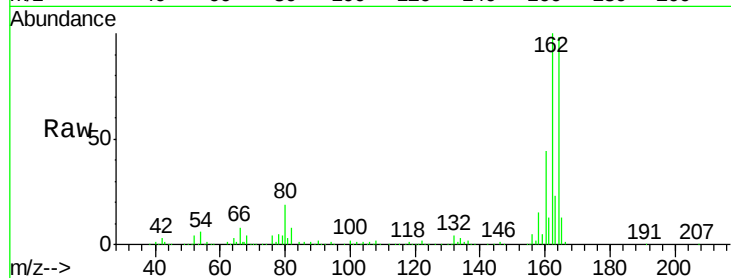
Tot Ion:164 Resp: 234385

Ion Ratio Lower Upper

164 100

162 101.9 80.6 121.0

160 45.3 34.9 52.3

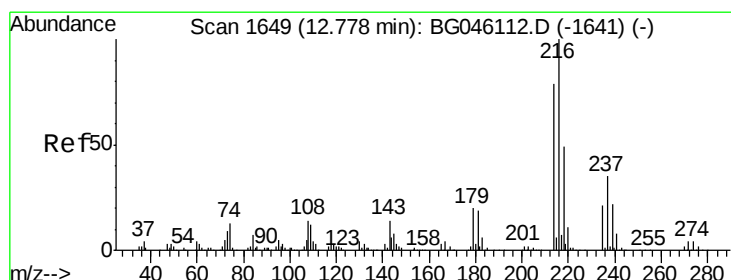
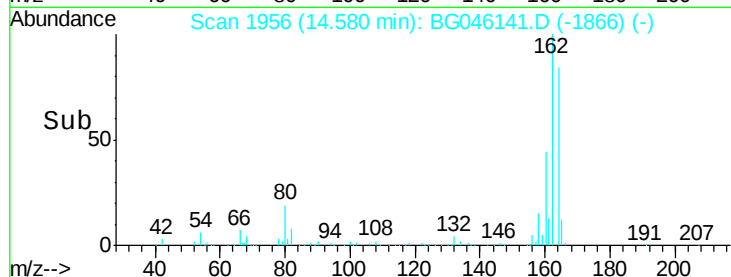
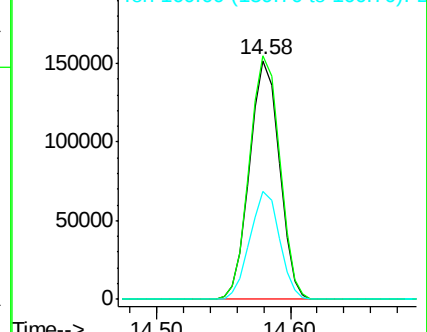


Abundance

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: 40.729 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Tgt Ion:216 Resp: 343953

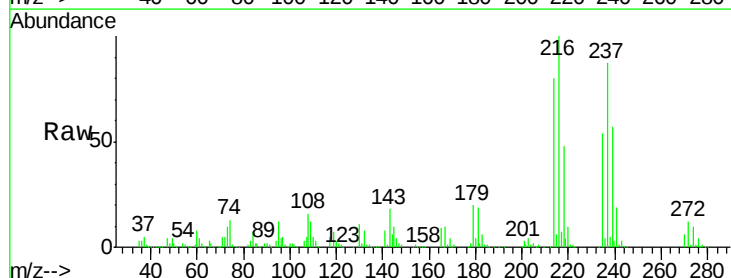
Ion Ratio Lower Upper

216 100

214 78.1 62.7 94.1

179 19.1 15.0 22.6

108 17.1 11.6 17.4



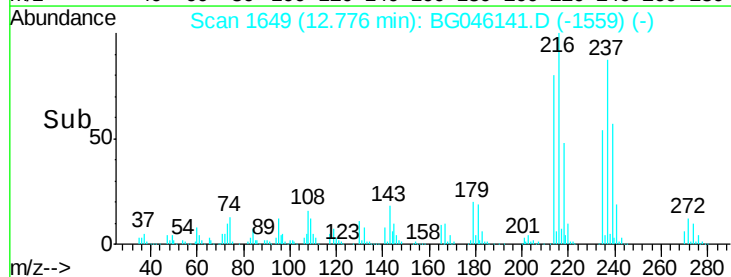
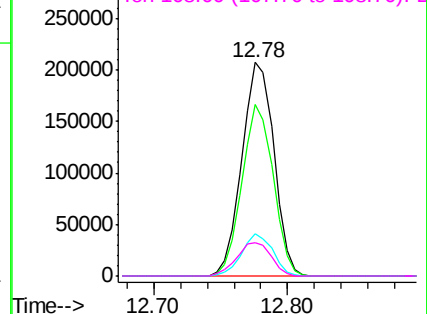
Abundance

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: 92.227 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

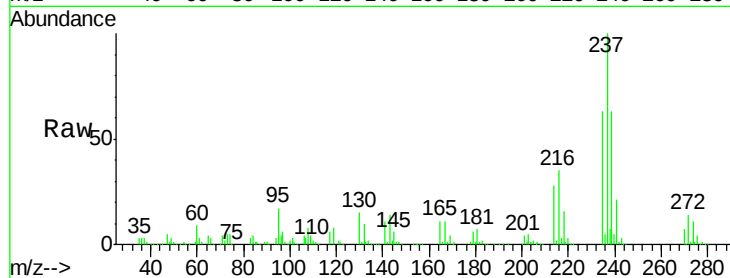
Tot Ion:237 Resp: 446741

Ion Ratio Lower Upper

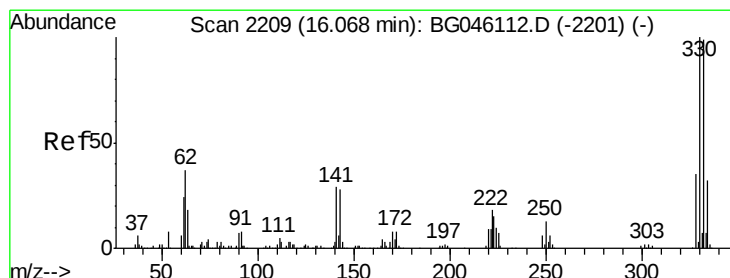
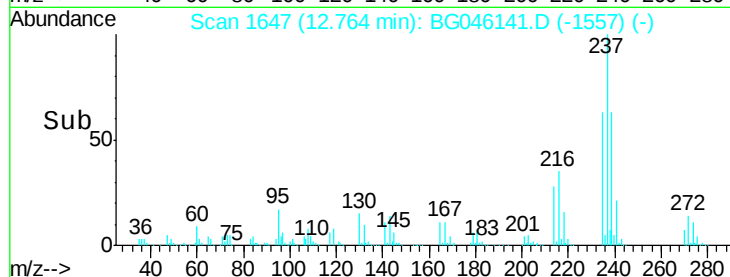
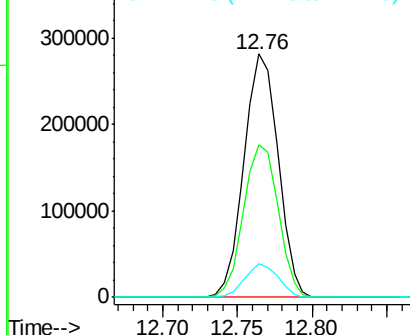
237 100

235 62.8 42.3 82.3

272 13.8 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: 118.383 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

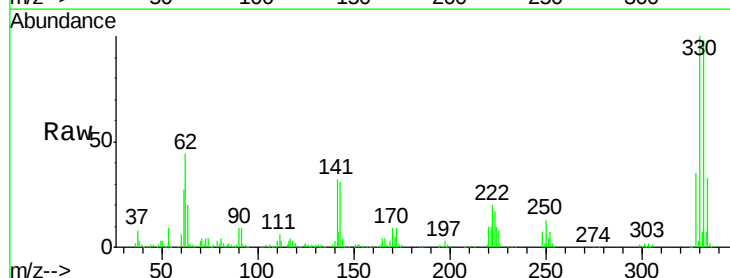
Tgt Ion:330 Resp: 426192

Ion Ratio Lower Upper

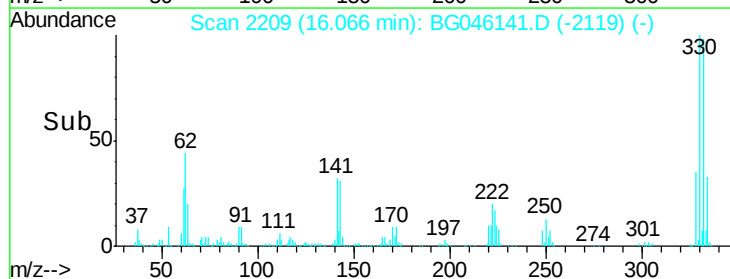
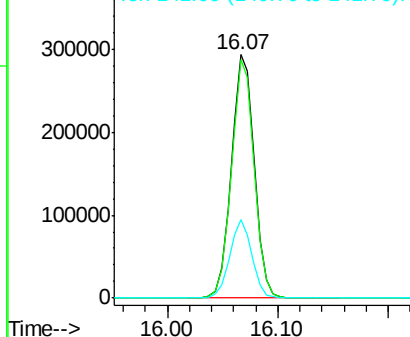
330 100

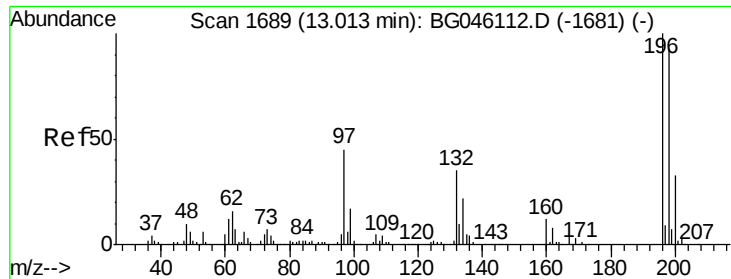
332 97.1 77.4 116.2

141 31.3 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

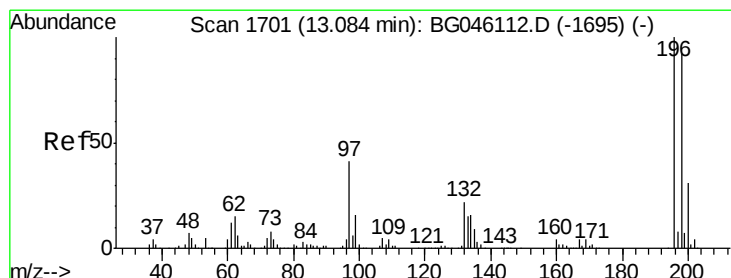
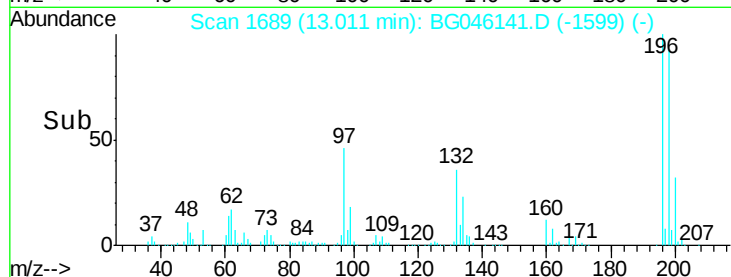
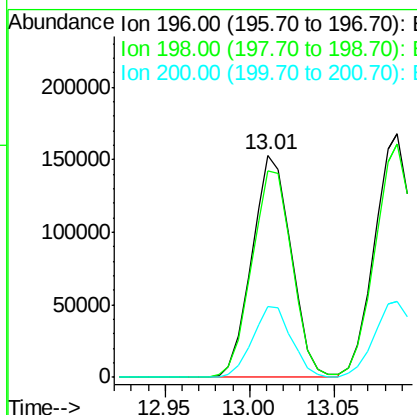
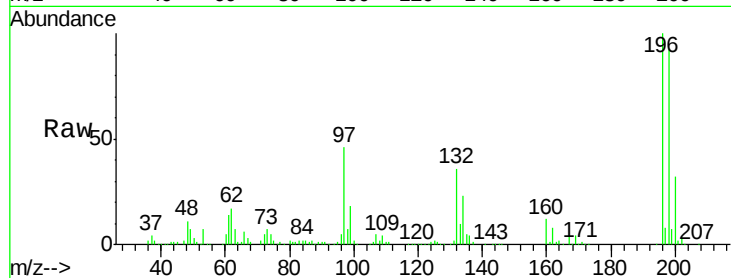




#43
 2,4,6-Trichlorophenol
 Concen: 46.017 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

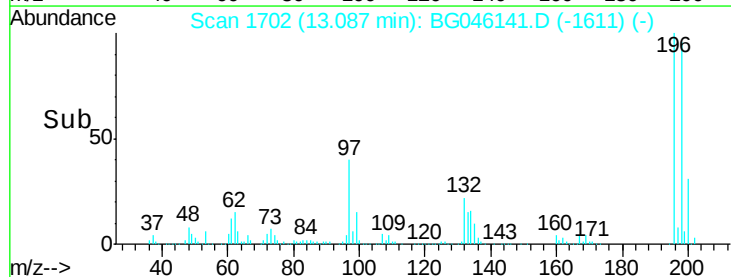
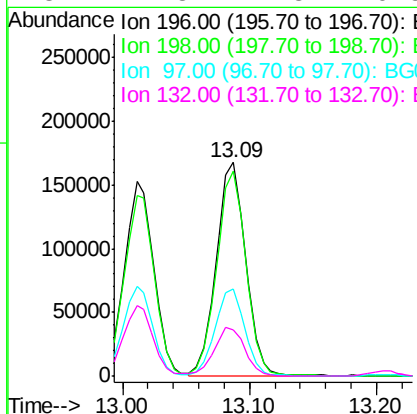
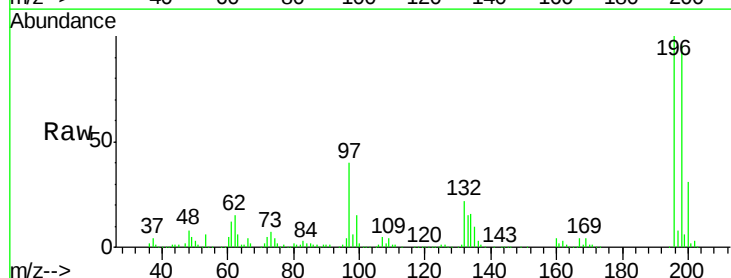
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MSD

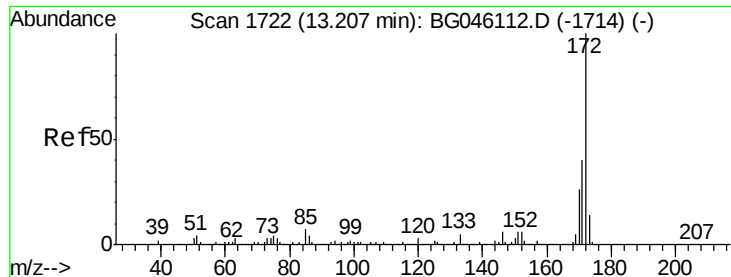
Tot Ion:196 Resp: 247931
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.2 111.4
 200 32.0 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 46.039 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

Tgt Ion:196 Resp: 270646
 Ion Ratio Lower Upper
 196 100
 198 96.0 73.9 110.9
 97 40.5 32.7 49.1
 132 21.8 17.8 26.8



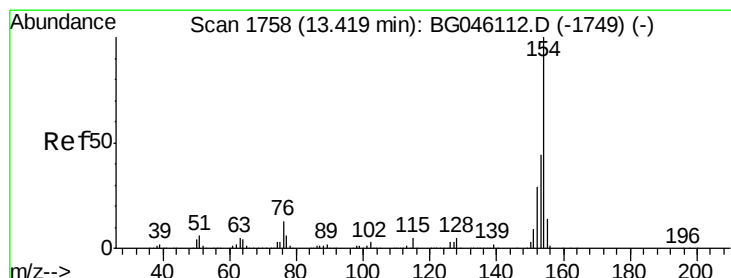
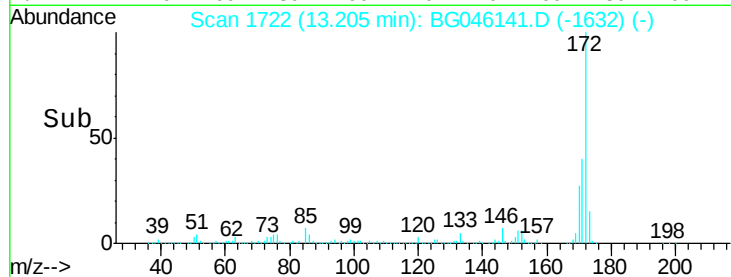
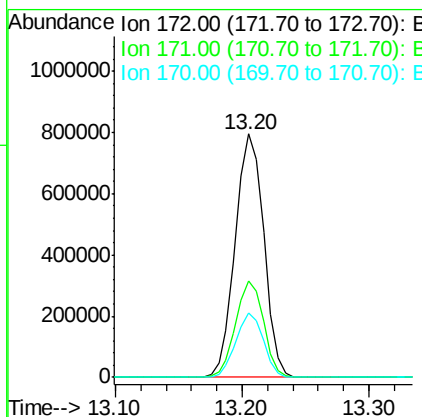
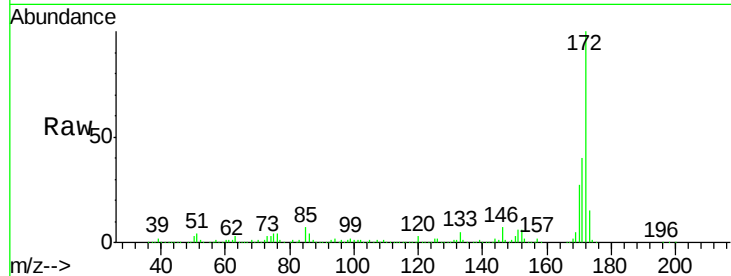


#45
 2-Fluorobiphenyl
 Concen: 76.703 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MSD

Tot Ion:172 Resp: 1237625

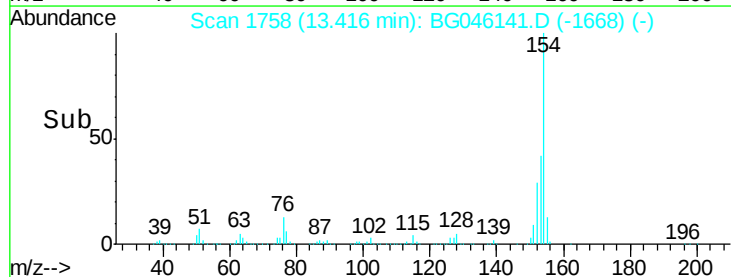
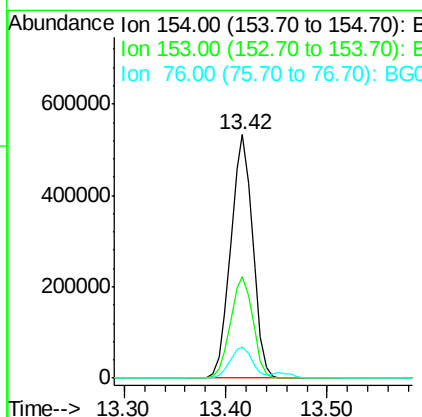
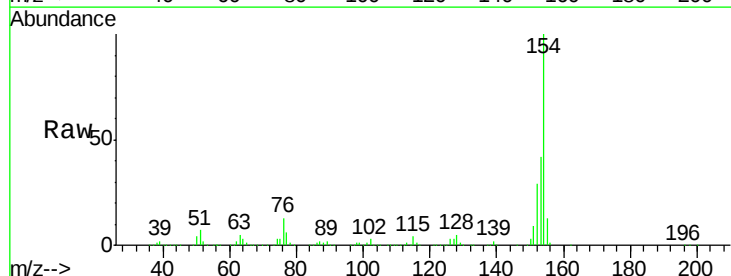
Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.7	47.5
170	26.6	20.9	31.3

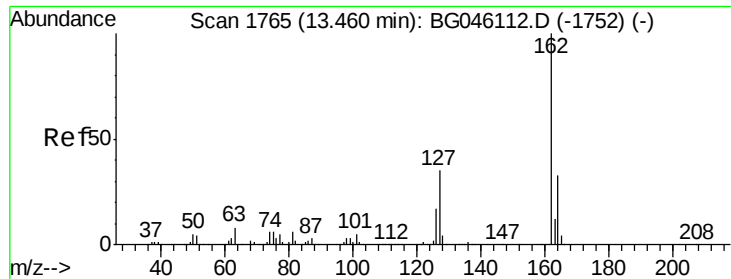


#46
 1,1'-Biphenyl
 Concen: 43.487 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

Tgt Ion:154 Resp: 799582

Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.7	63.7
76	12.7	0.0	32.9

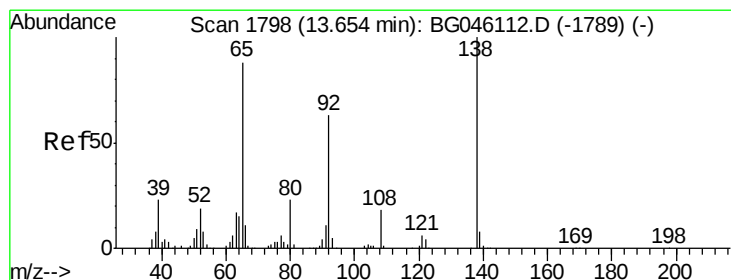
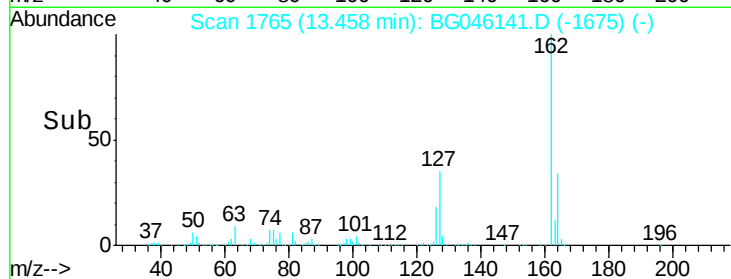
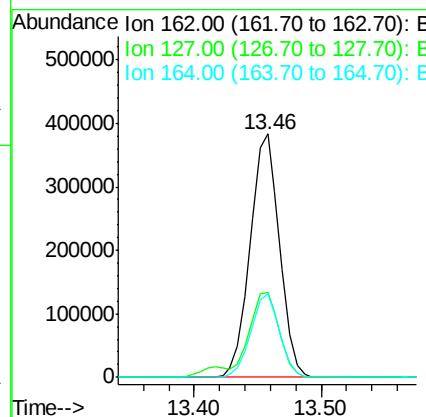
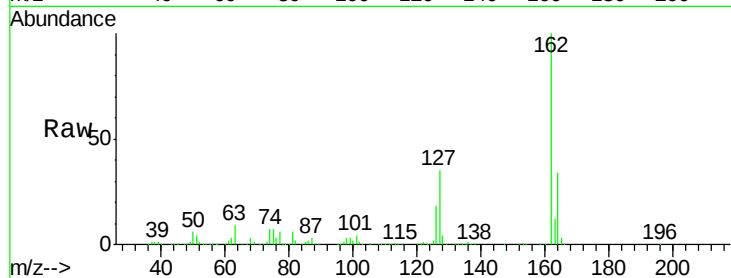




#47
2-Chloronaphthalene
Concen: 42.006 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

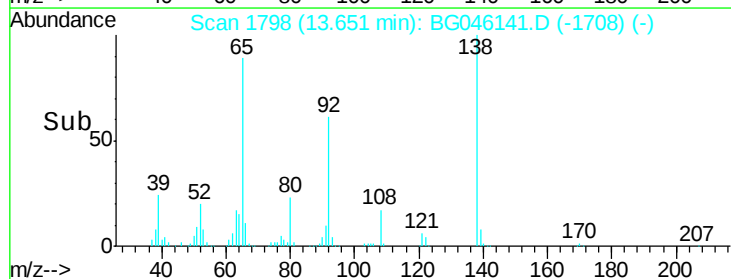
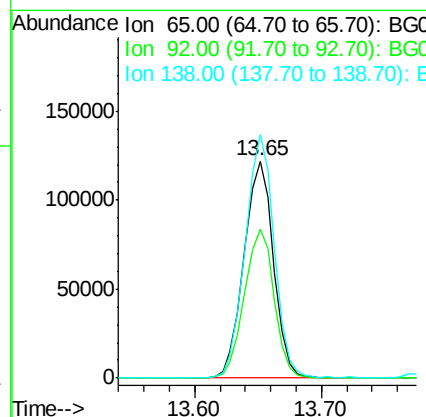
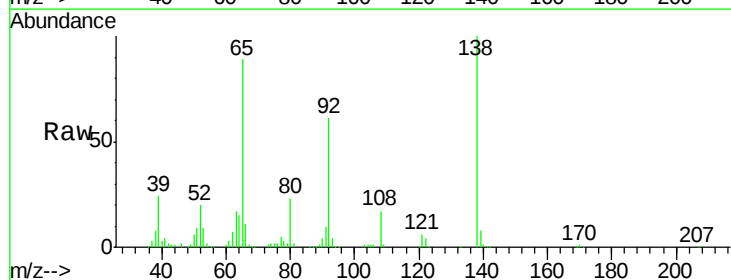
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

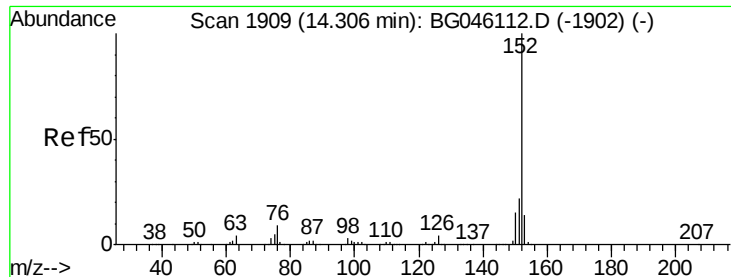
Tot Ion:162 Resp: 616087
Ion Ratio Lower Upper
162 100
127 34.9 28.0 42.0
164 34.1 26.5 39.7



#48
2-Nitroaniline
Concen: 51.388 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion: 65 Resp: 197554
Ion Ratio Lower Upper
65 100
92 68.6 57.4 86.2
138 112.3 91.1 136.7





#49

Acenaphthylene

Concen: 43.946 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

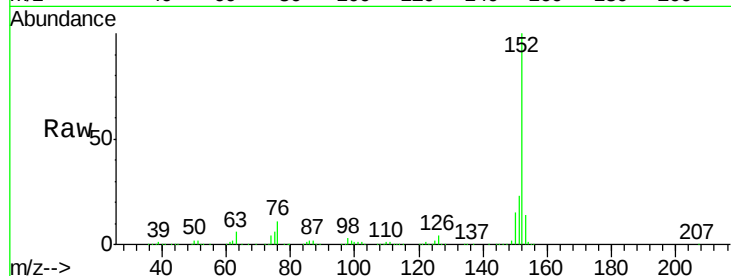
BNA_G

ClientSampleId :

SU-01-073020MSD

Tot Ion:152 Resp: 1000853

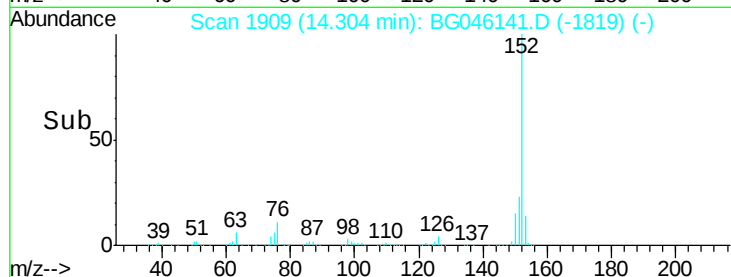
Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.4	26.2
153	13.7	10.9	16.3



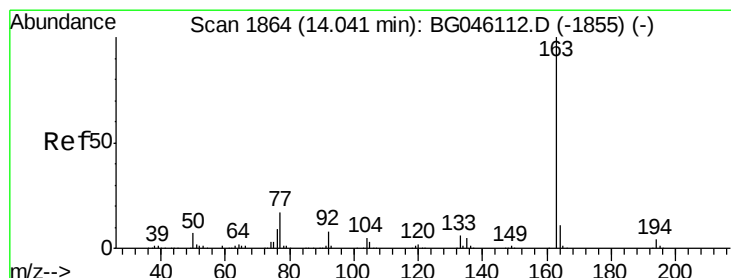
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 14.20 14.30 14.40



#50

Dimethylphthalate

Concen: 47.059 ng

RT: 14.04 min Scan# 1864

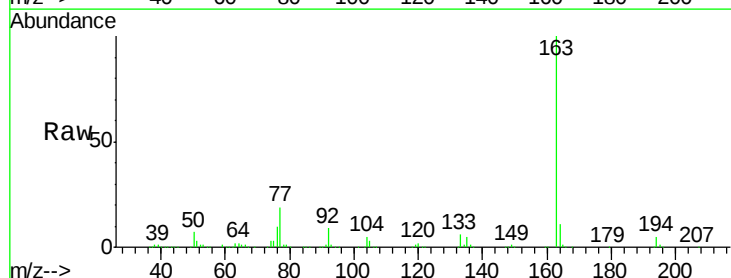
Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Tgt Ion:163 Resp: 846560

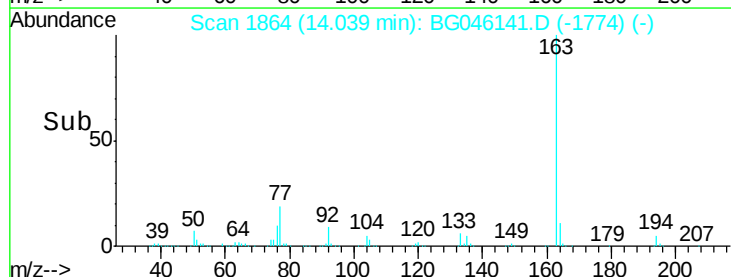
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	10.6	8.8	13.2



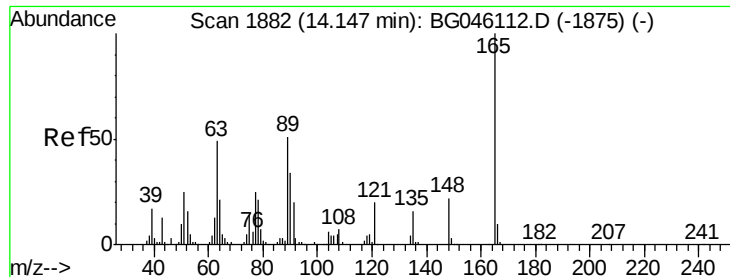
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



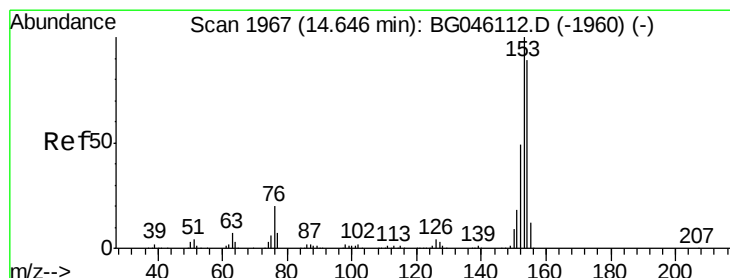
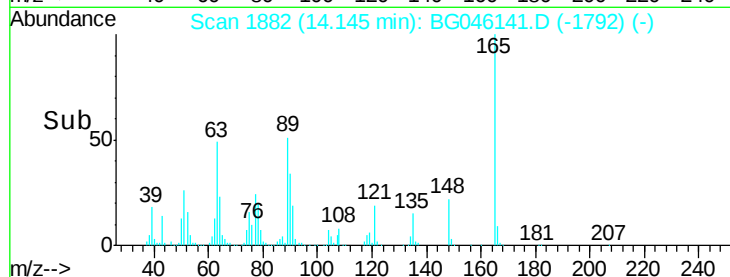
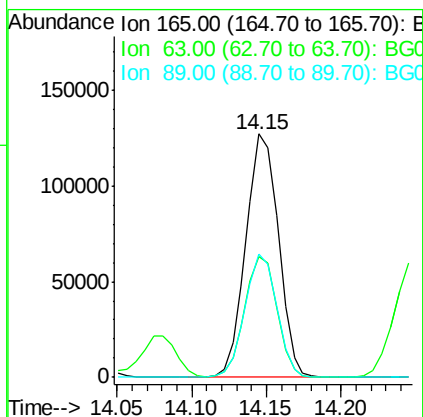
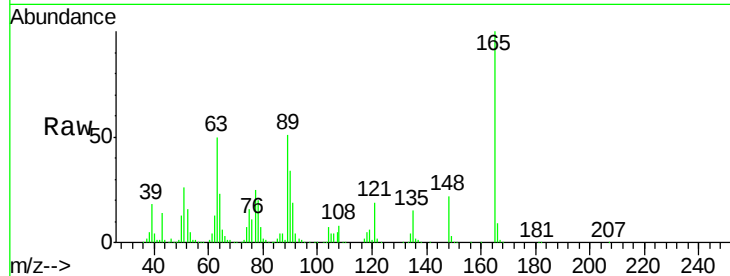
Time--> 14.00 14.10



#51
 2,6-Dinitrotoluene
 Concen: 45.975 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

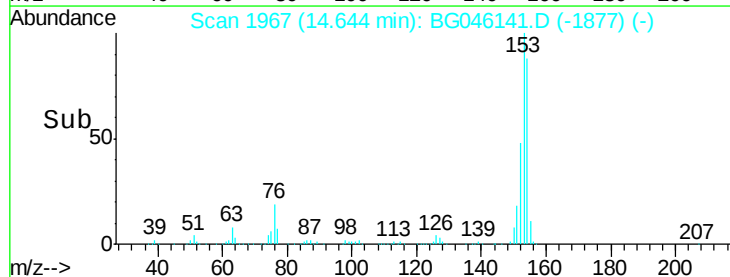
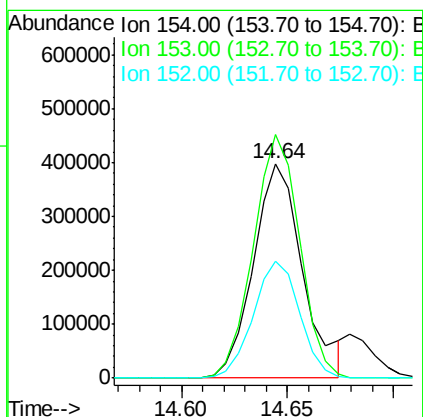
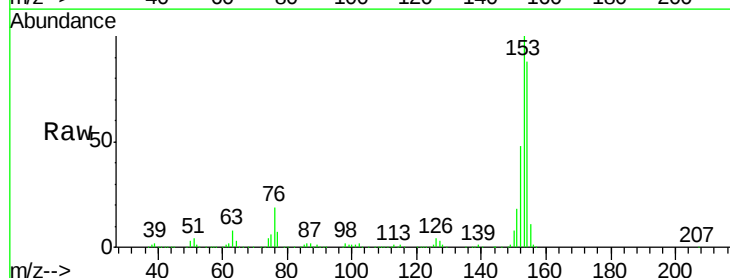
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MSD

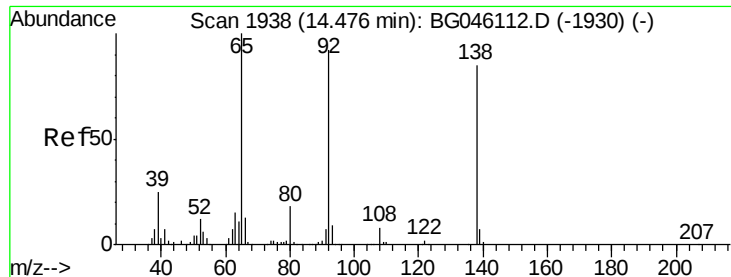
Tot Ion:165 Resp: 192483
 Ion Ratio Lower Upper
 165 100
 63 49.6 39.7 59.5
 89 50.8 41.0 61.6



#52
 Acenaphthene
 Concen: 42.851 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

Tgt Ion:154 Resp: 644075
 Ion Ratio Lower Upper
 154 100
 153 113.6 89.8 134.8
 152 54.3 44.5 66.7

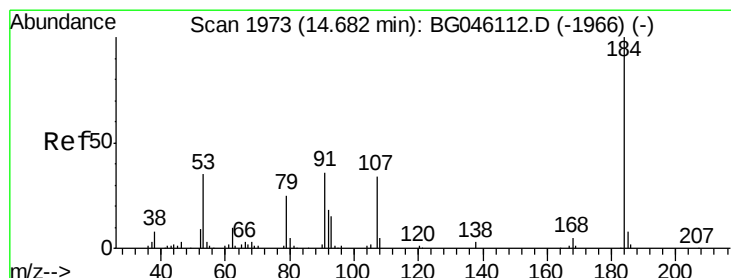
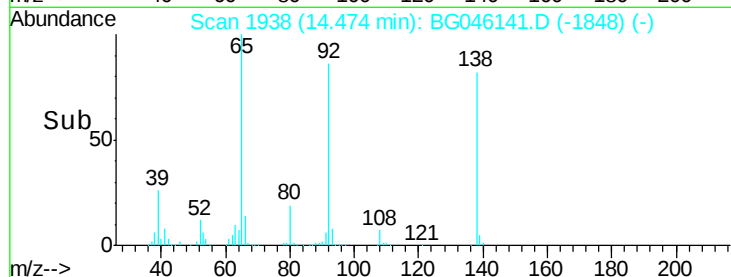
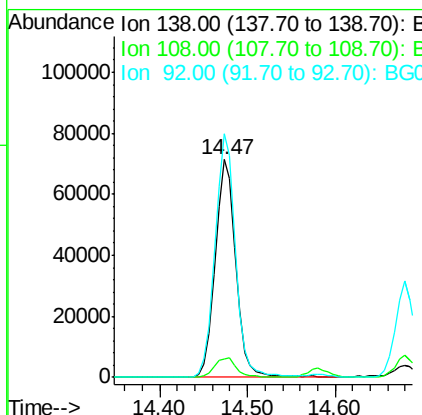
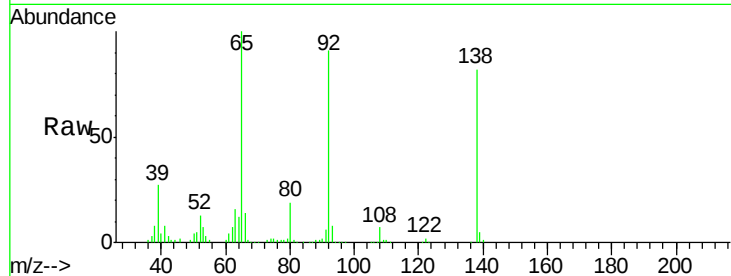




#53
3-Nitroaniline
Concen: 28.164 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

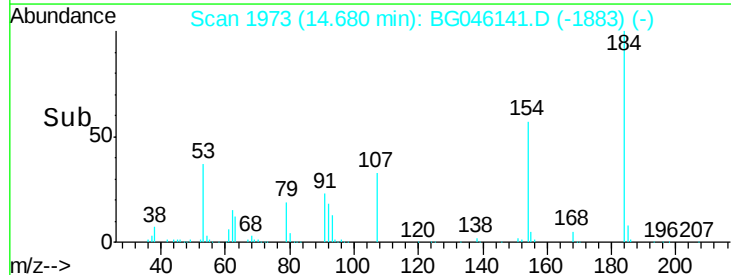
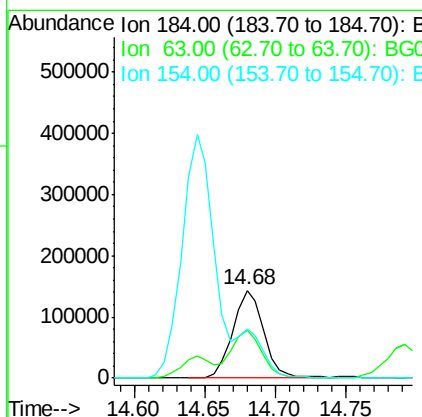
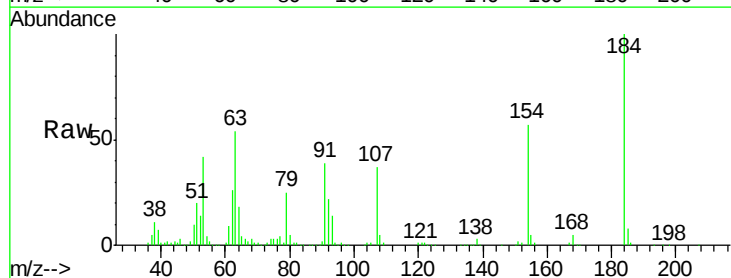
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

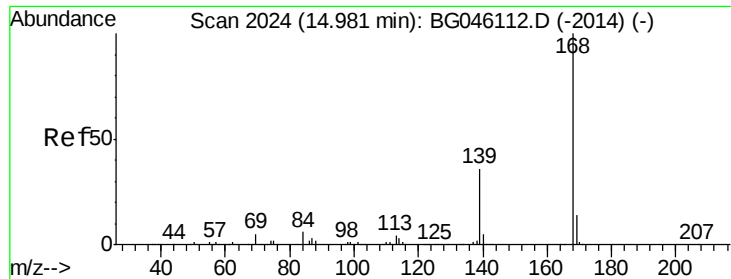
Tot Ion:138 Resp: 116898
Ion Ratio Lower Upper
138 100
108 8.5 7.2 10.8
92 111.8 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 82.537 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion:184 Resp: 219583
Ion Ratio Lower Upper
184 100
63 54.2 36.7 55.1
154 56.7 41.3 61.9

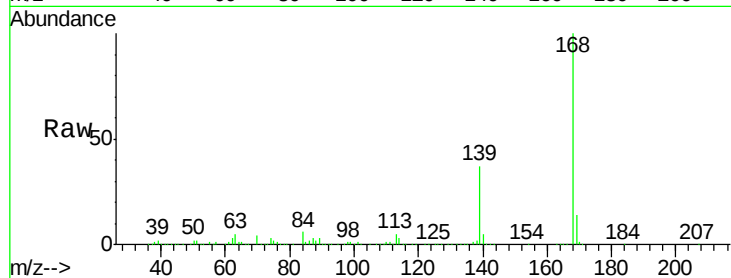




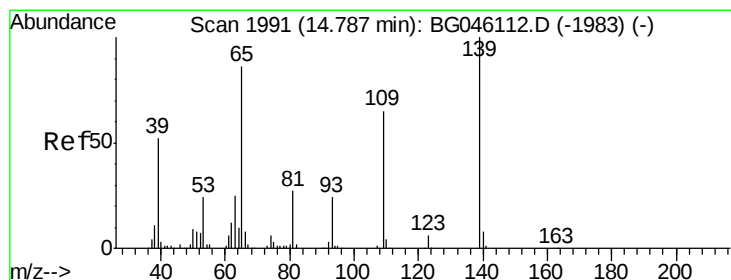
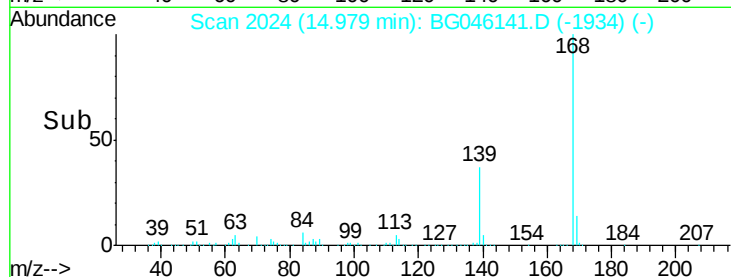
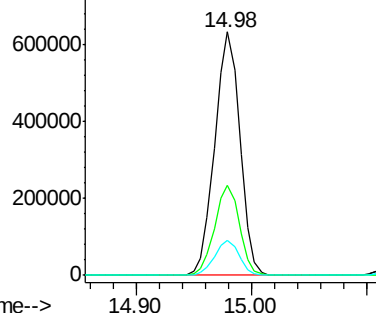
#55
Dibenzenofuran
Concen: 42.300 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.0	43.4
169	14.3	11.3	16.9

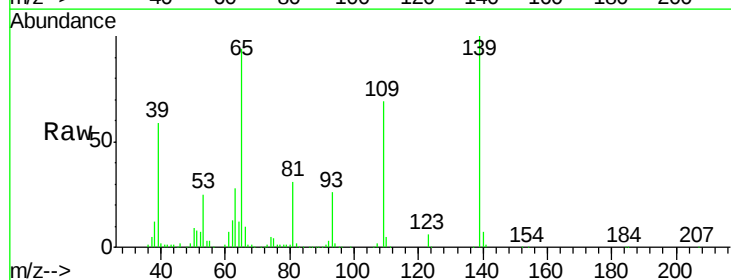


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

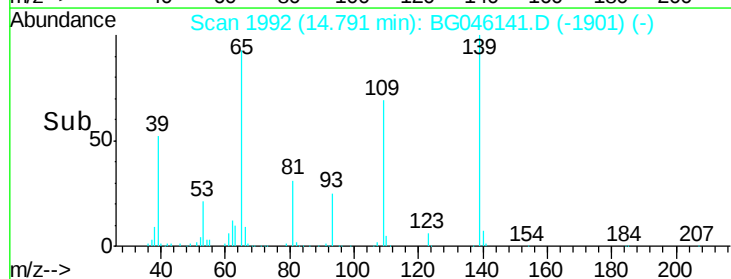
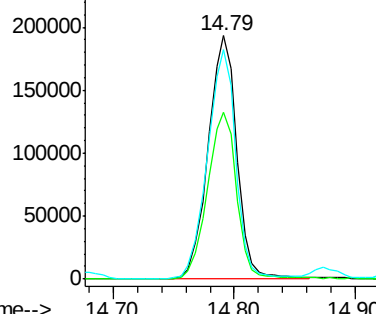


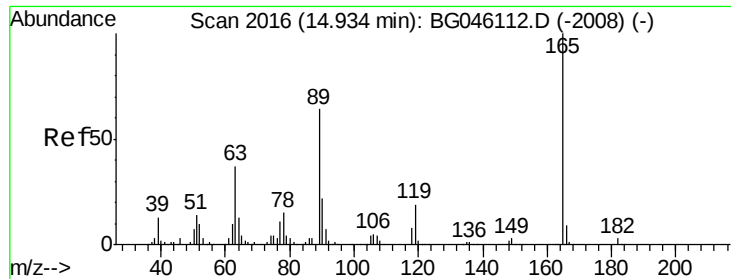
#56
4-Nitrophenol
Concen: 88.712 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.7	45.1	85.1
65	94.3	66.4	106.4



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

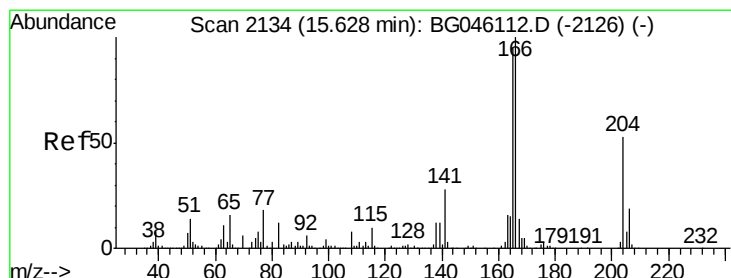
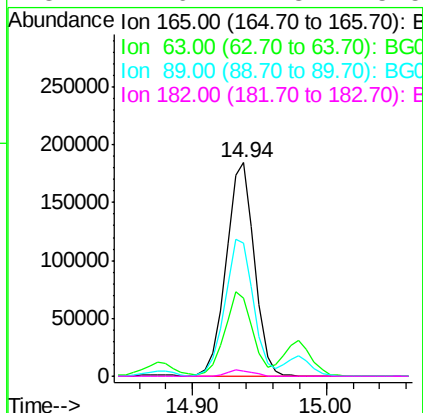
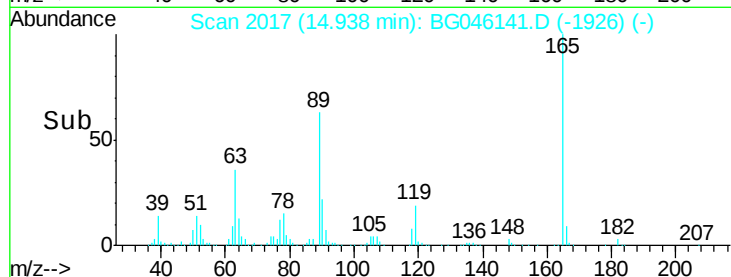
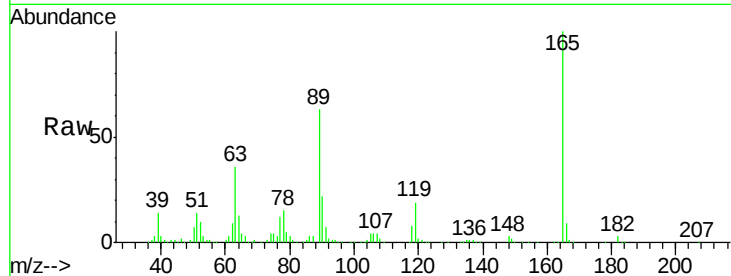




#57
2,4-Dinitrotoluene
Concen: 47.283 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

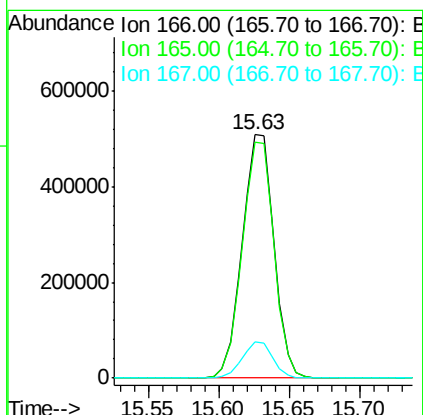
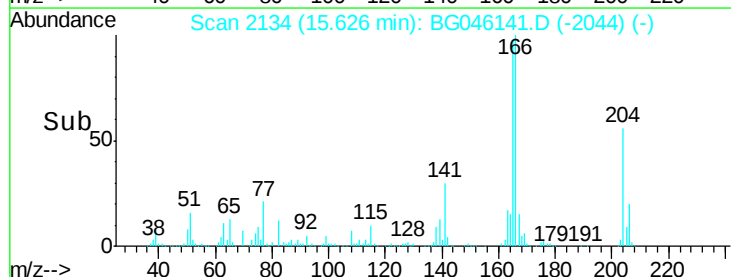
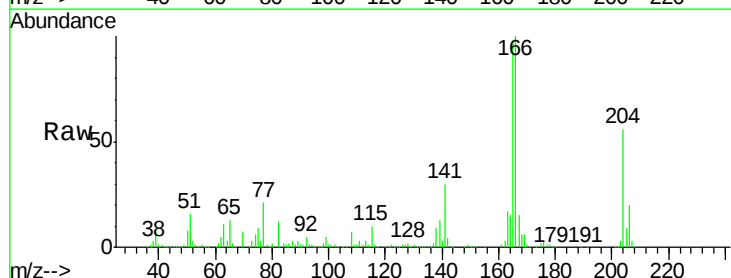
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

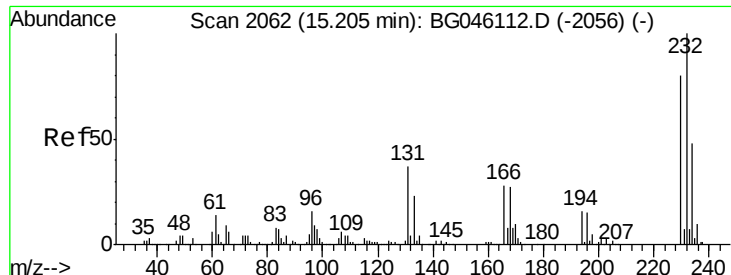
Tot Ion:	165	Resp:	272177
Ion	Ratio	Lower	Upper
165	100		
63	36.3	30.1	45.1
89	62.5	51.4	77.2
182	2.6	2.3	3.5



#58
Fluorene
Concen: 43.530 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion:	166	Resp:	799526
Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.3	114.5
167	14.7	11.0	16.6

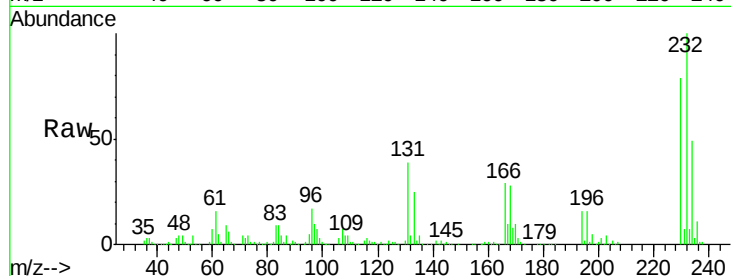




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.199 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MSD

Tot Ion:	232	Resp:	266889
Ion	Ratio	Lower	Upper
232	100		
131	37.3	28.6	42.8
130	2.1	1.6	2.4
166	28.7	22.5	33.7

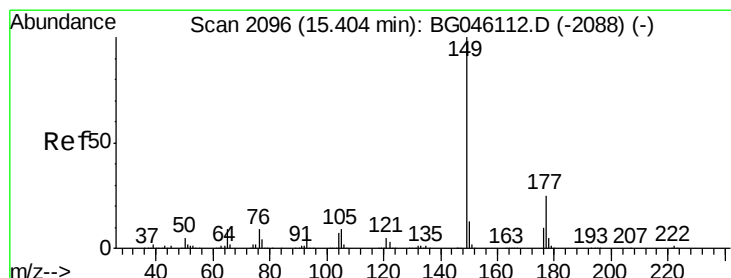
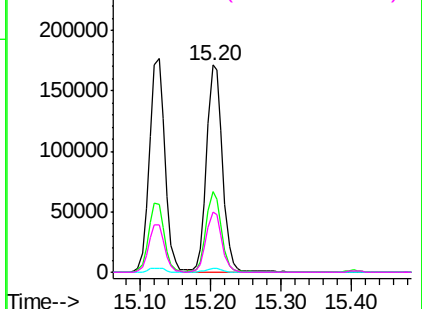
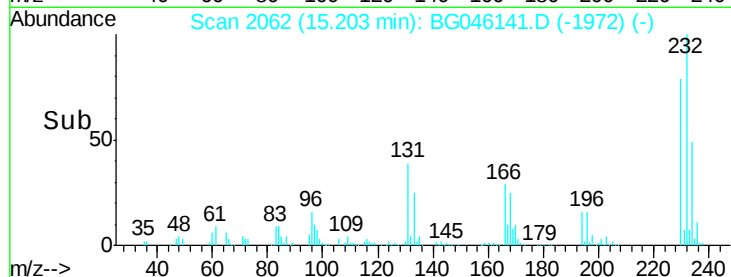


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

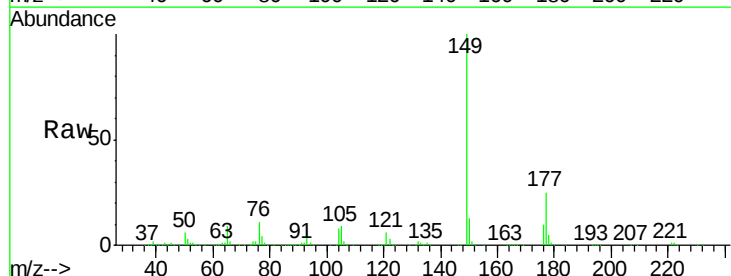
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.281 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

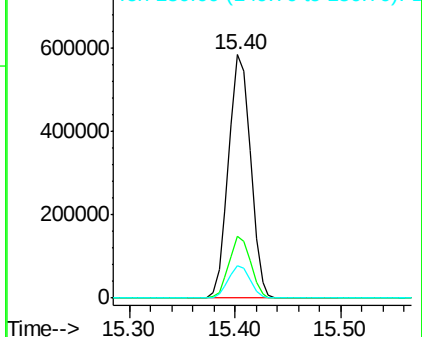
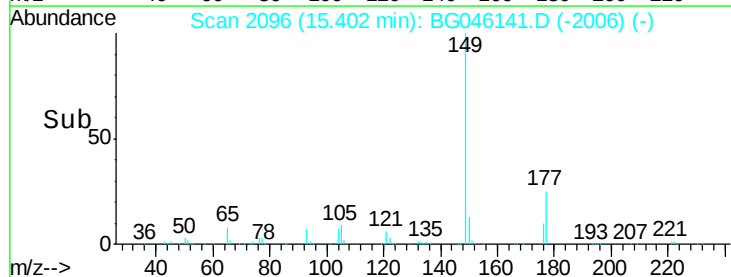
Tgt Ion:	149	Resp:	836719
Ion	Ratio	Lower	Upper
149	100		
177	25.3	19.7	29.5
150	13.1	10.8	16.2

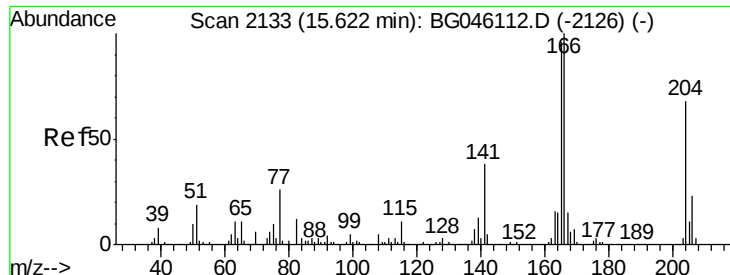


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

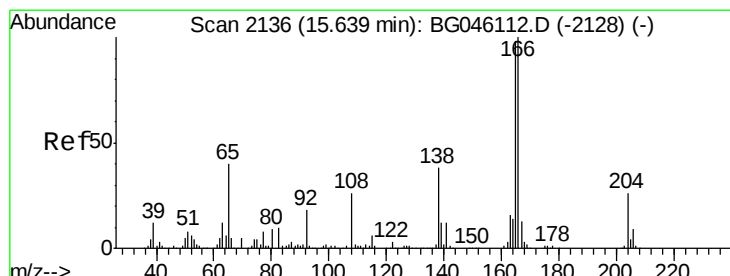
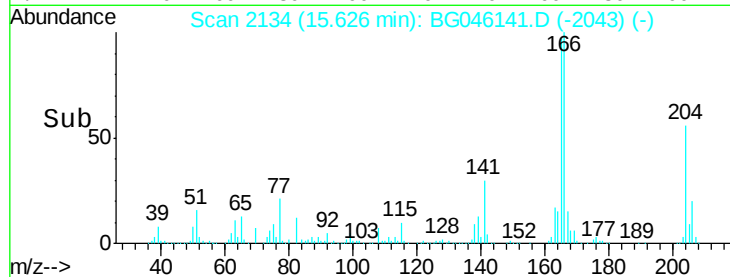
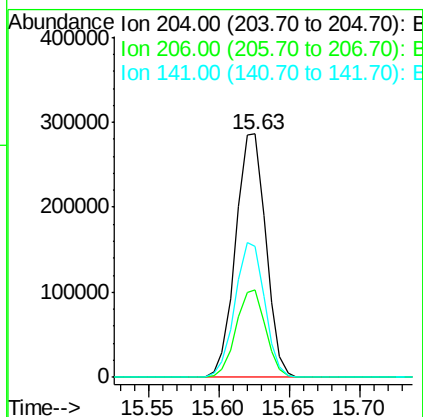
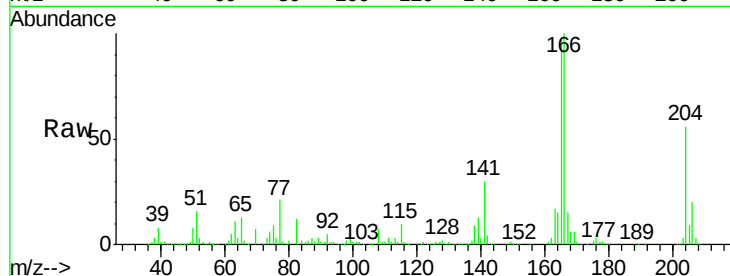




#61
 4-Chlorophenyl-phenylether
 Concen: 44.537 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

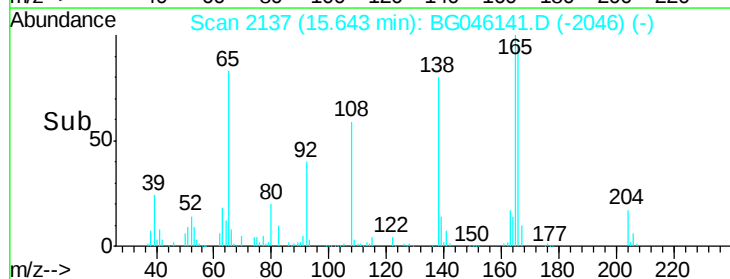
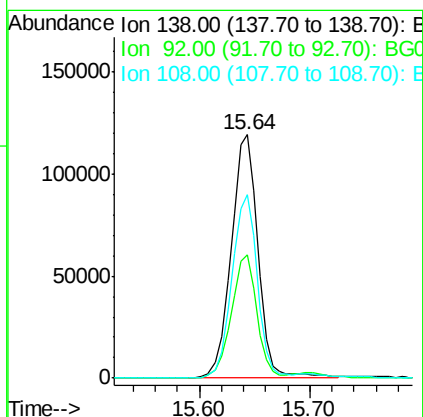
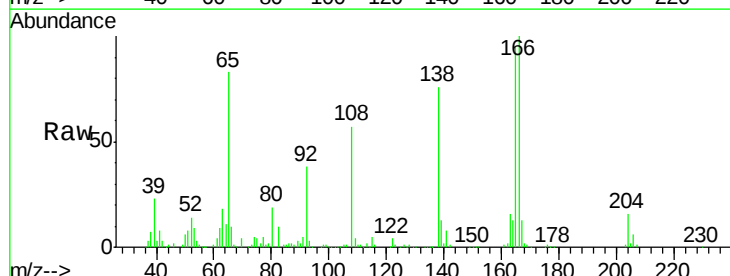
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MSD

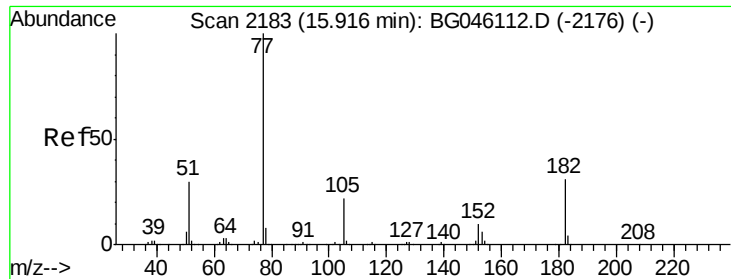
Tot Ion:204 Resp: 427243
 Ion Ratio Lower Upper
 204 100
 206 35.9 27.7 41.5
 141 53.5 44.7 67.1



#62
 4-Nitroaniline
 Concen: 48.679 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

Tgt Ion:138 Resp: 203205
 Ion Ratio Lower Upper
 138 100
 92 50.5 28.3 68.3
 108 75.2 49.2 89.2

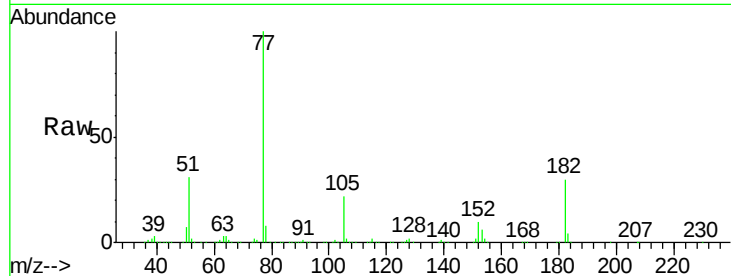




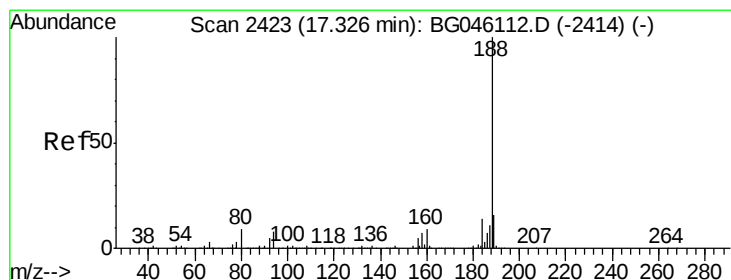
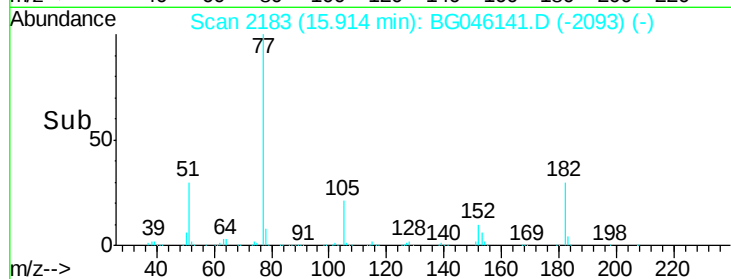
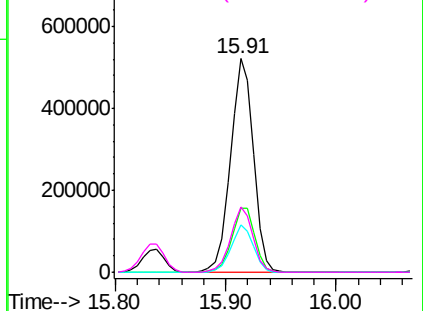
#63
Azobenzene
Concen: 45.661 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

Tot Ion:	77	Resp:	757293
Ion	Ratio	Lower	Upper
77	100		
182	30.0	10.7	50.7
105	22.2	1.9	41.9
51	30.6	9.5	49.5

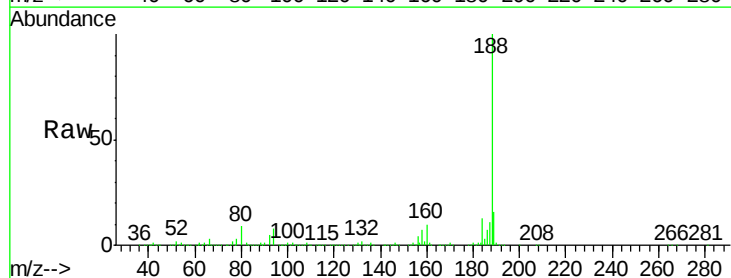


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

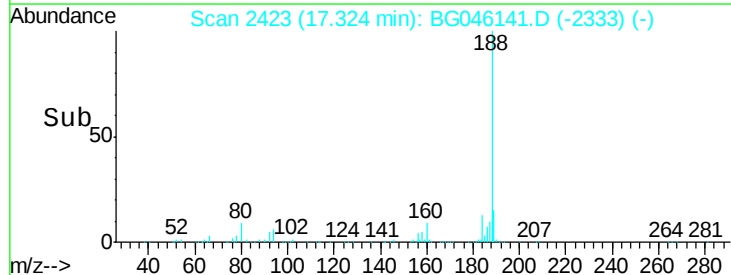
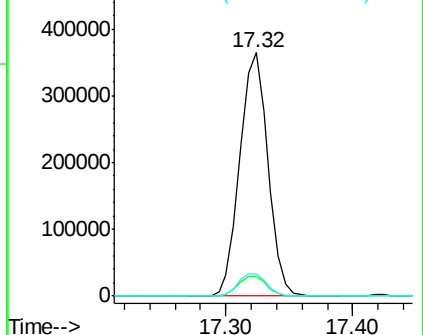


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion:	188	Resp:	561044
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	9.2	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

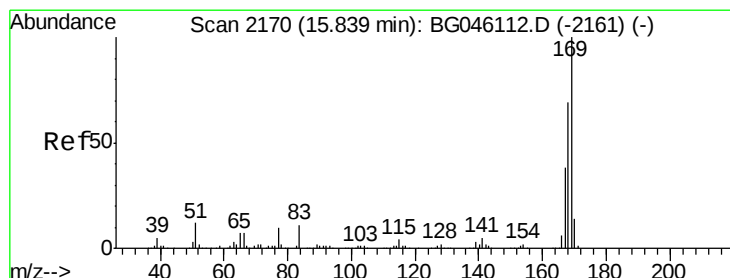
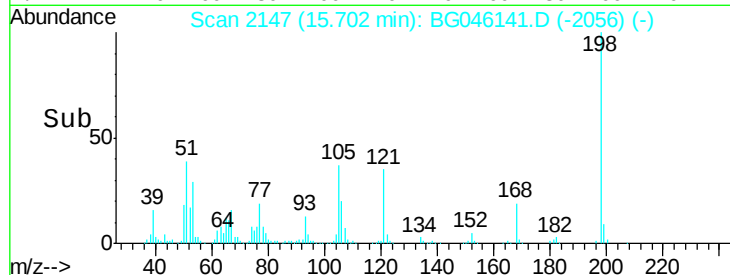
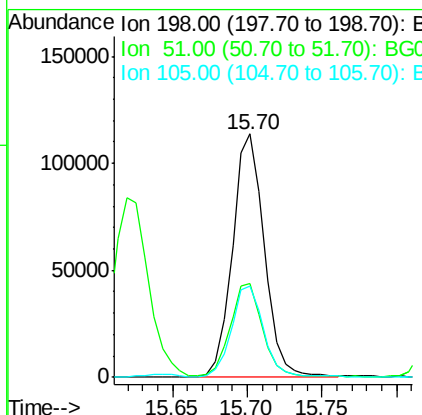
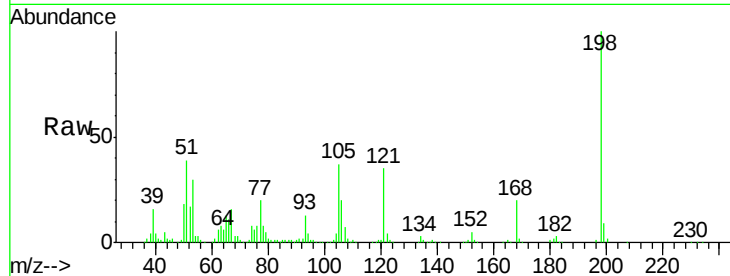




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.600 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

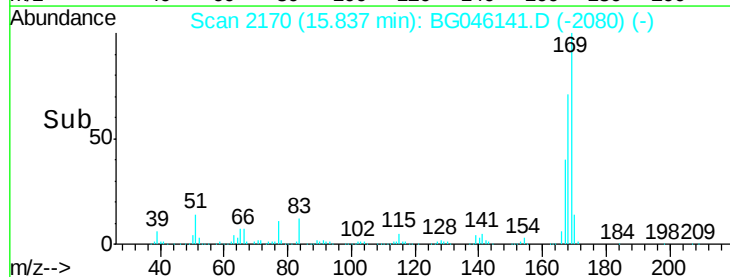
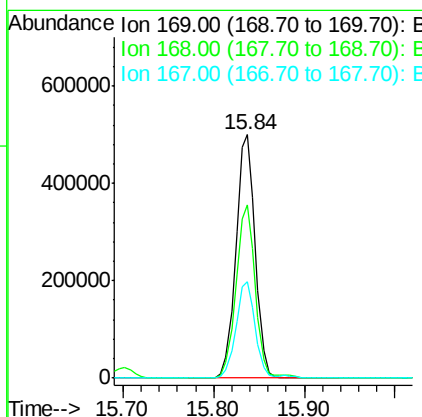
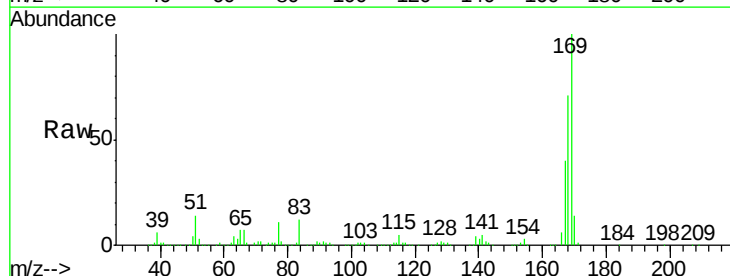
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MSD

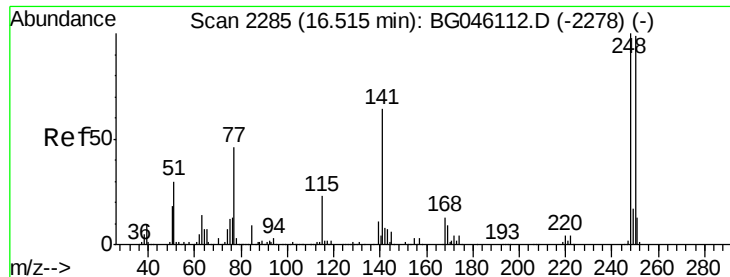
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.8	20.1	60.1
105	37.4	19.2	59.2



#66
 n-Nitrosodiphenylamine
 Concen: 43.535 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.1	82.7
167	39.6	30.5	45.7

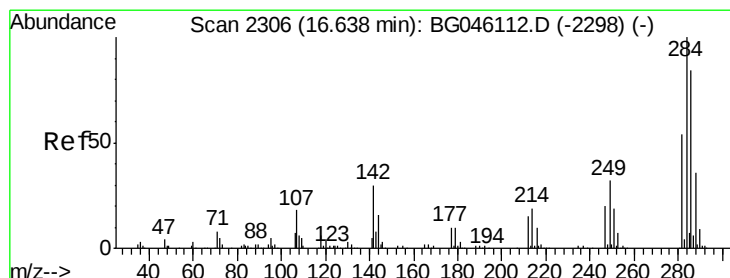
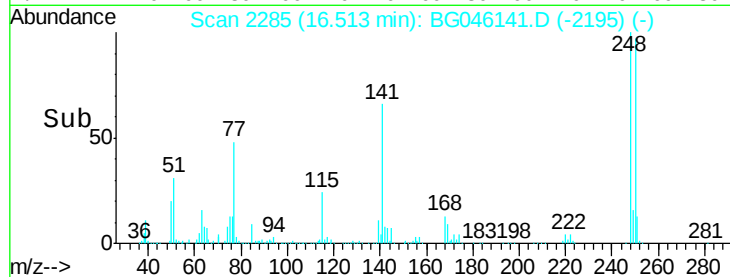
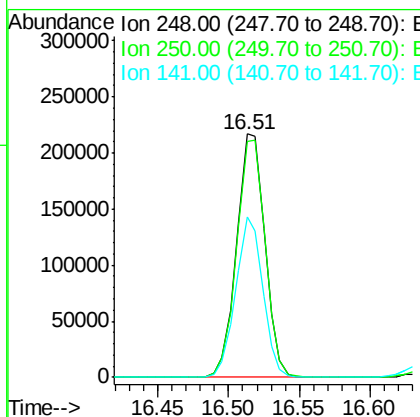
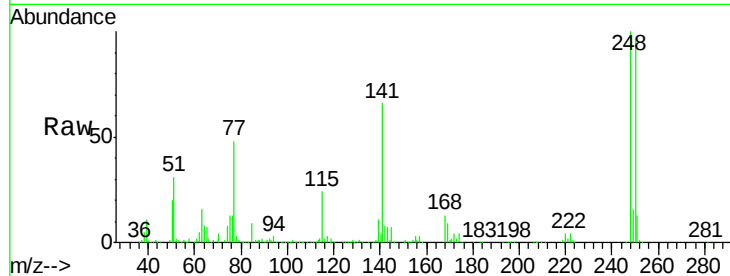




#67
 4-Bromophenyl-phenylether
 Concen: 43.741 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

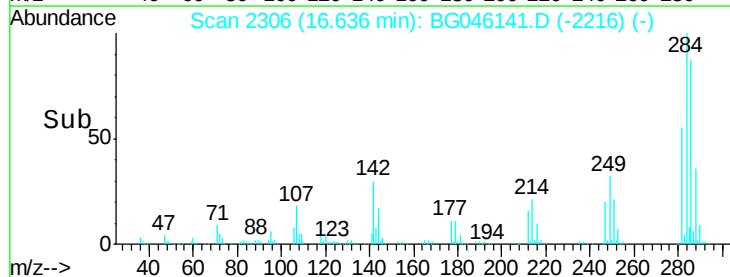
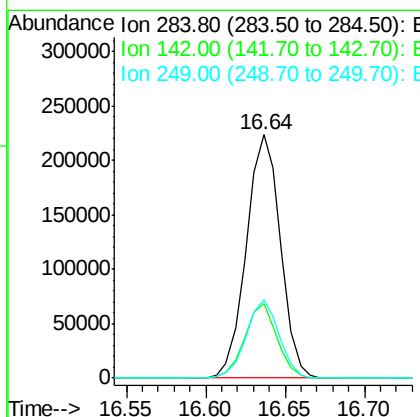
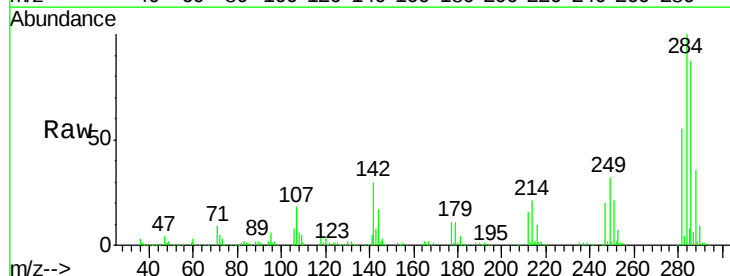
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MSD

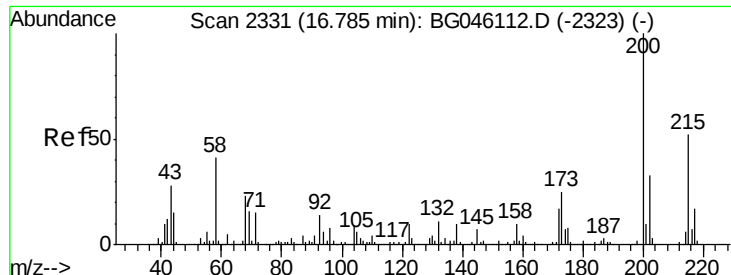
Tot Ion:248 Resp: 303177
 Ion Ratio Lower Upper
 248 100
 250 97.0 79.4 119.0
 141 65.7 50.9 76.3



#68
 Hexachlorobenzene
 Concen: 42.823 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046141.D
 Acq: 1 Aug 2020 2:54

Tgt Ion:284 Resp: 332822
 Ion Ratio Lower Upper
 284 100
 142 30.4 23.6 35.4
 249 32.0 25.3 37.9





#69

Atrazine

Concen: 43.194 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

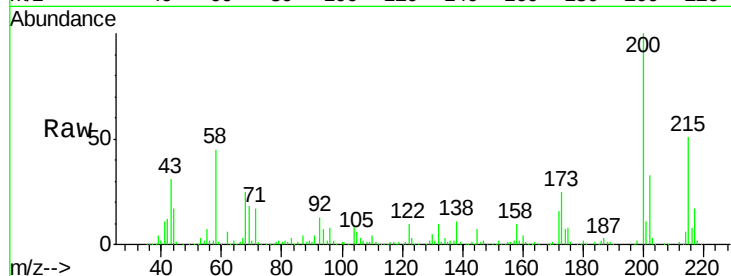
Tot Ion:200 Resp: 282466

Ion Ratio Lower Upper

200 100

173 24.5 5.3 45.3

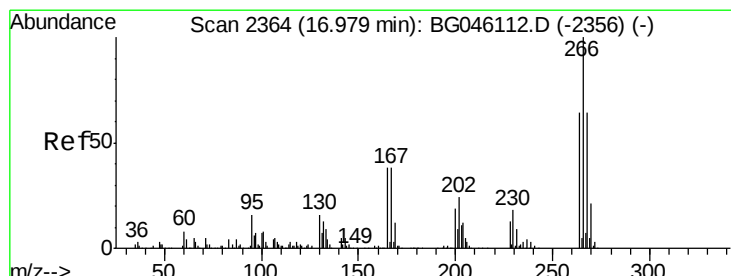
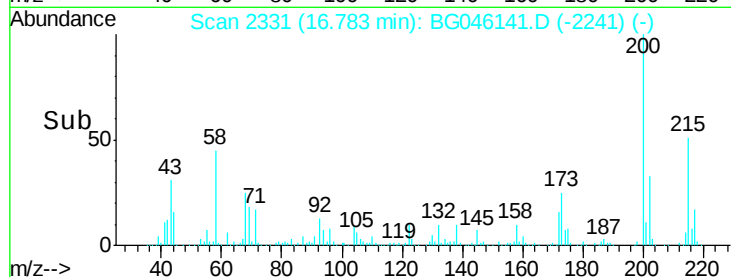
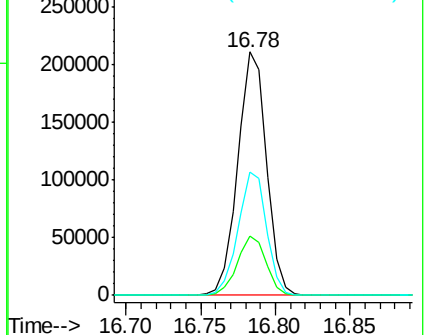
215 50.8 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.516 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

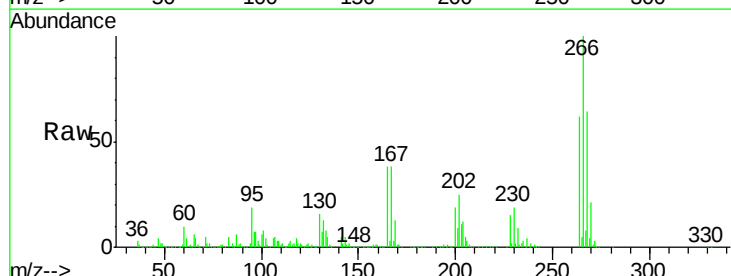
Tgt Ion:266 Resp: 471589

Ion Ratio Lower Upper

266 100

268 64.2 51.2 76.8

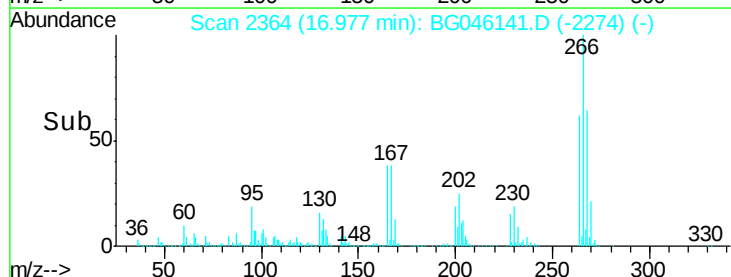
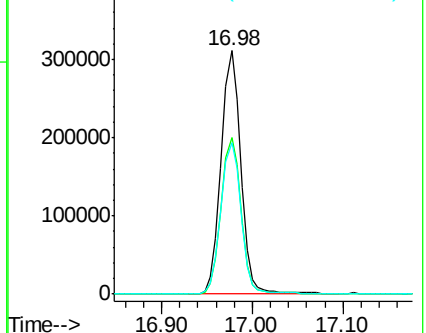
264 62.0 51.1 76.7

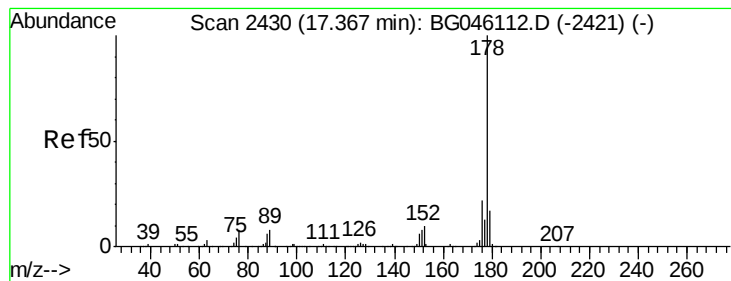


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.338 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

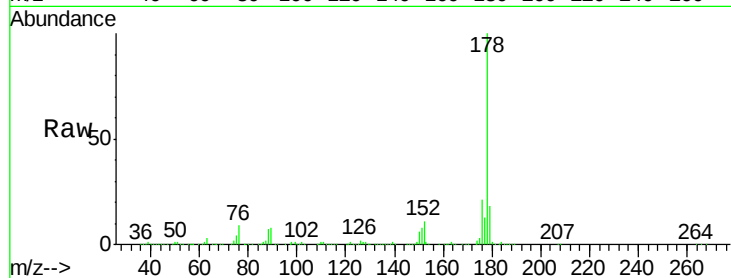
Tot Ion:178 Resp: 1331915

Ion	Ratio	Lower	Upper
178	100		
176	21.4	17.3	25.9
179	17.9	13.8	20.6

178 100

176 21.4 17.3 25.9

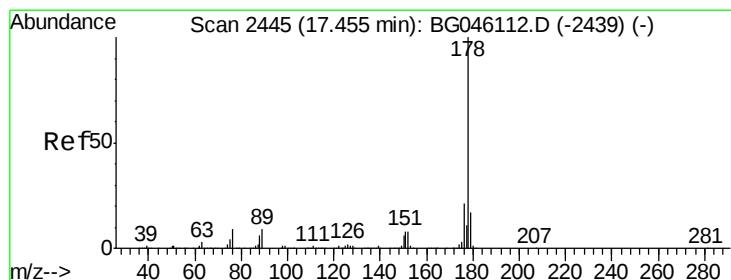
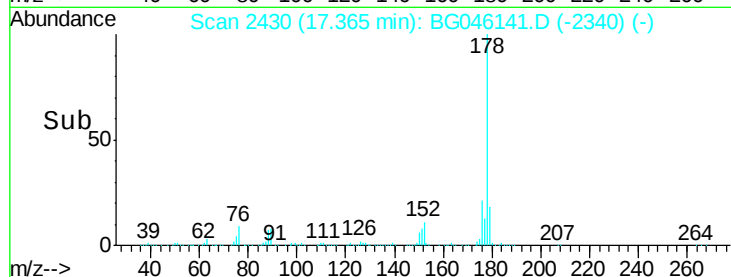
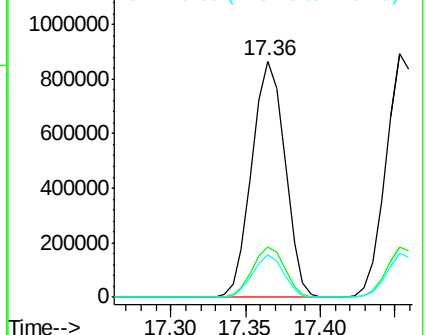
179 17.9 13.8 20.6



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: 44.844 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

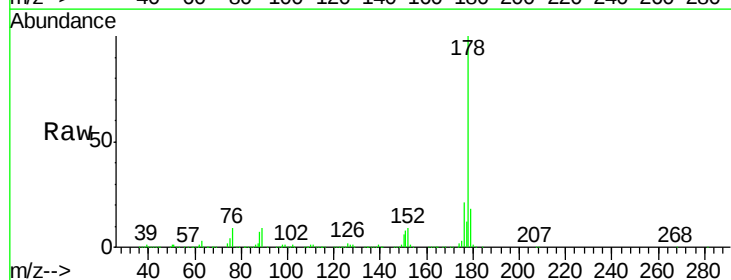
Tgt Ion:178 Resp: 1370862

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.6	24.8
179	17.9	13.4	20.2

178 100

176 20.9 16.6 24.8

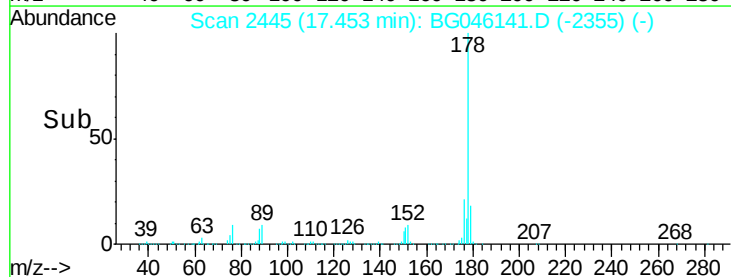
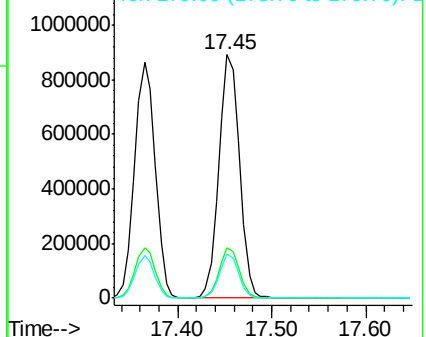
179 17.9 13.4 20.2

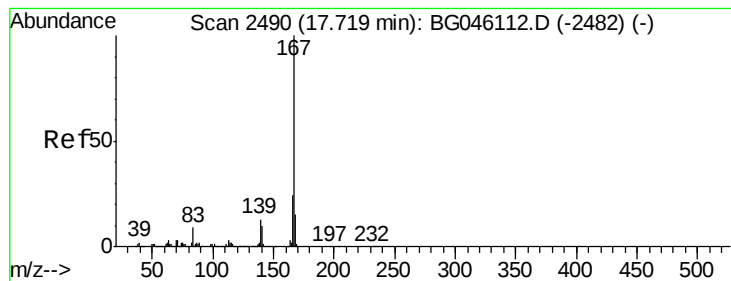


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.070 ng

RT: 17.72 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

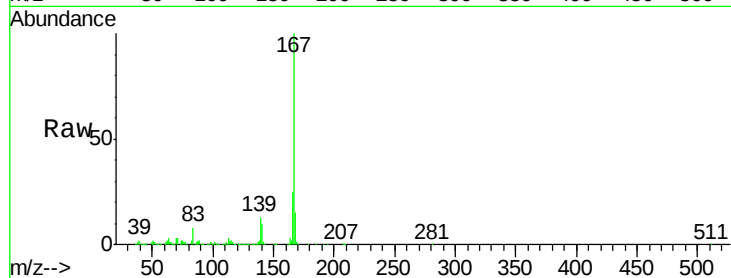
Tot Ion:167 Resp: 1299045

Ion Ratio Lower Upper

167 100

166 25.1 19.4 29.0

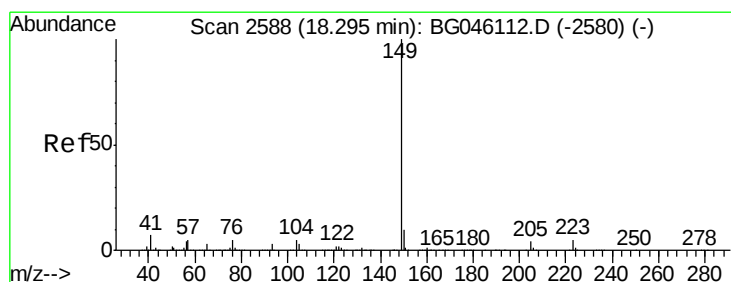
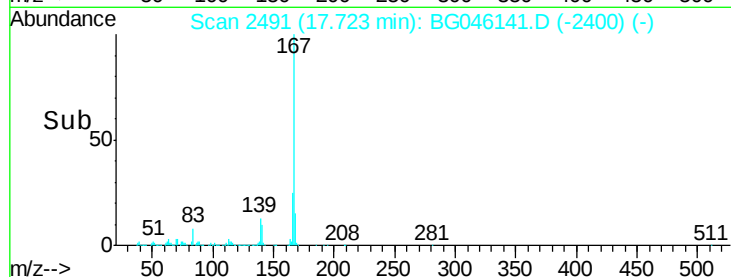
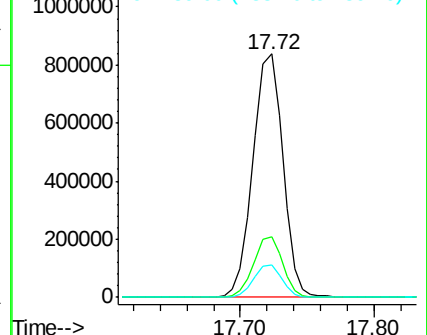
139 13.1 10.1 15.1



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: 48.856 ng

RT: 18.29 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

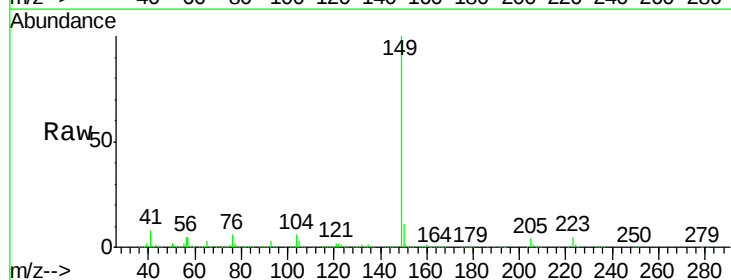
Tgt Ion:149 Resp: 1505322

Ion Ratio Lower Upper

149 100

150 10.9 8.4 12.6

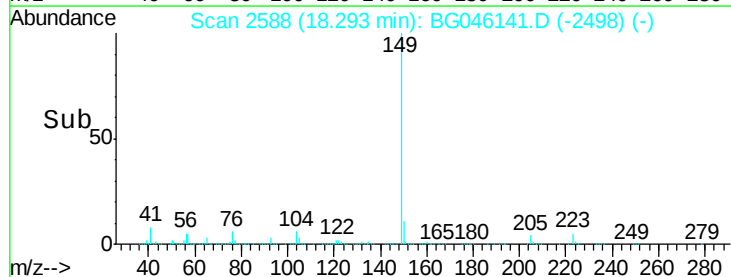
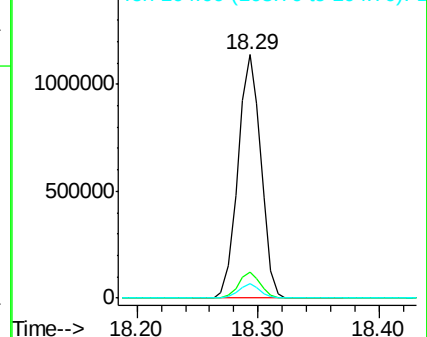
104 5.7 4.2 6.2

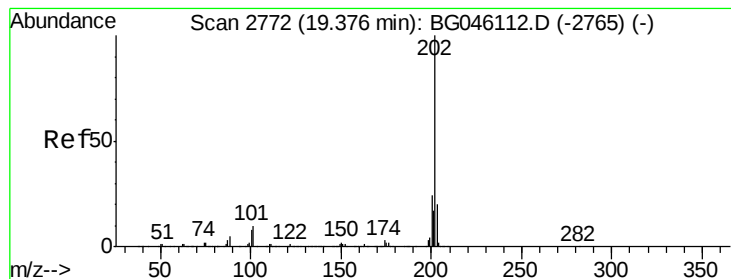


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.539 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

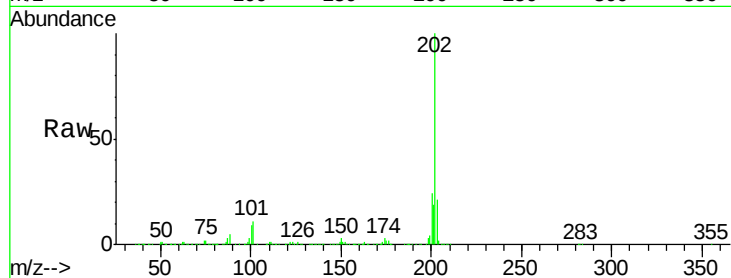
Tot Ion:202 Resp: 1708892

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.0

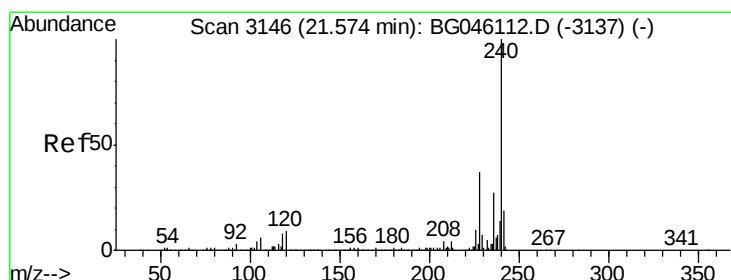
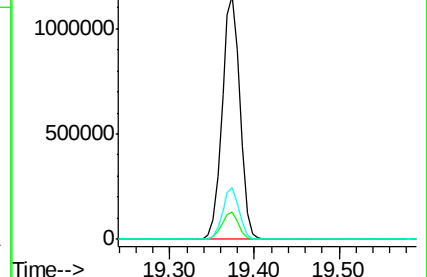
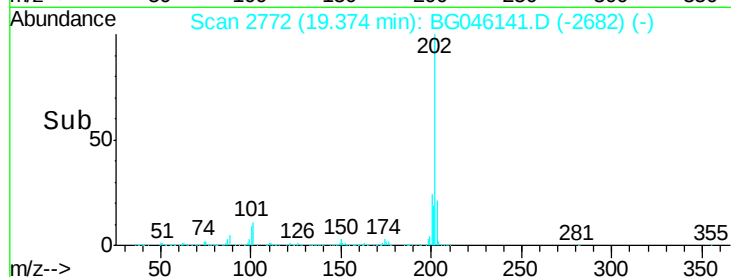
203 21.2 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

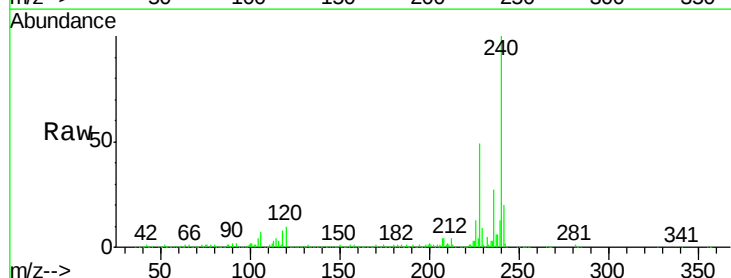
Tgt Ion:240 Resp: 594254

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

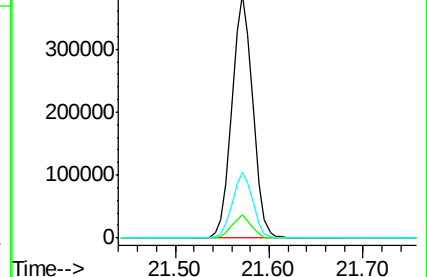
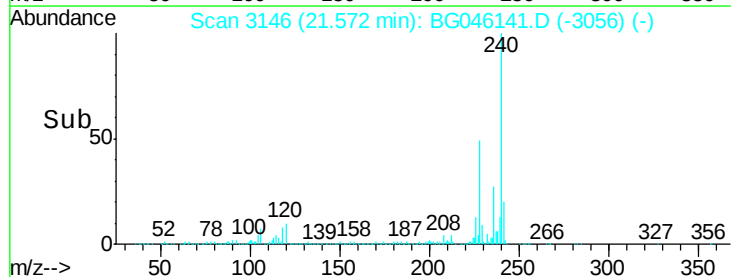
236 26.8 21.7 32.5

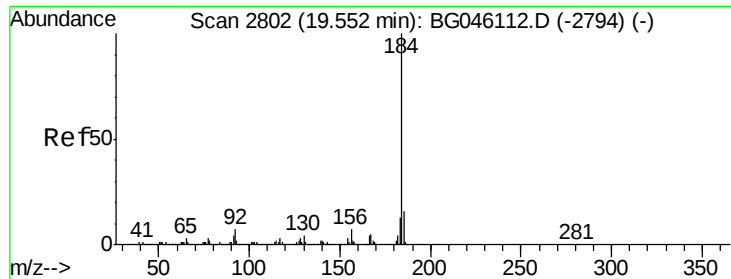


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.982 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

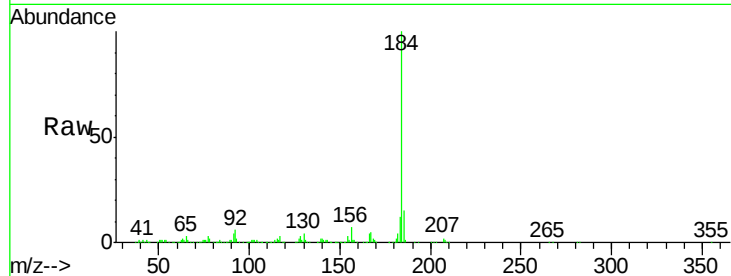
Tot Ion:184 Resp: 336349

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.4

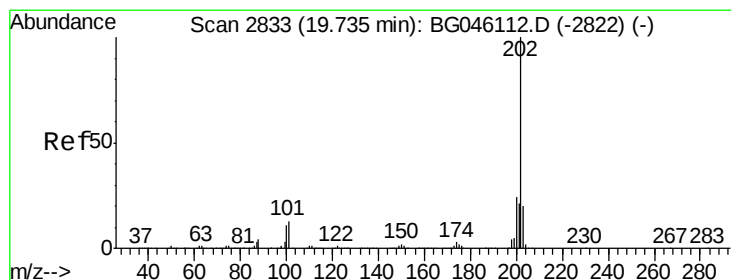
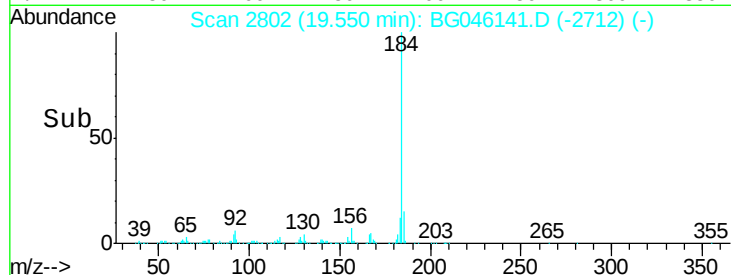
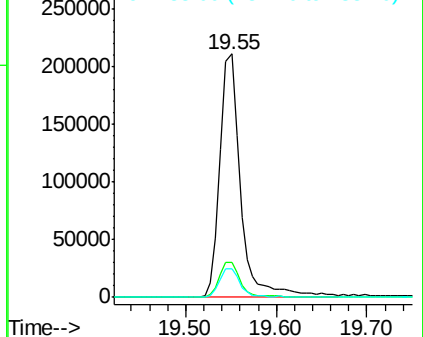
183 11.8 10.5 15.7



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: 42.962 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

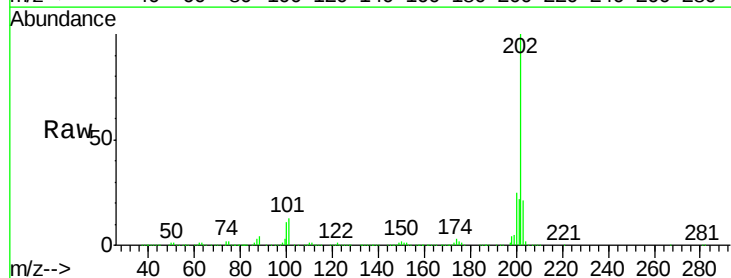
Tgt Ion:202 Resp: 1715401

Ion Ratio Lower Upper

202 100

200 25.4 19.5 29.3

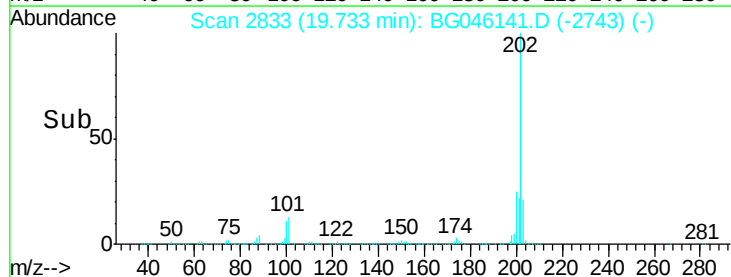
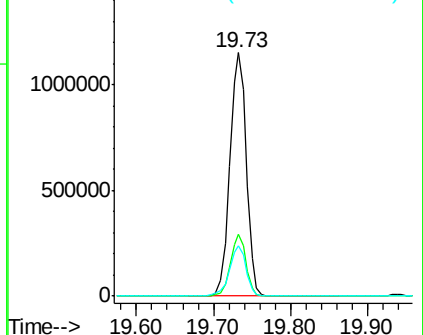
203 20.7 16.2 24.2

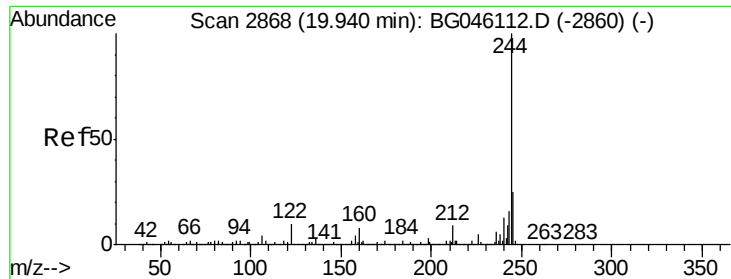


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.361 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

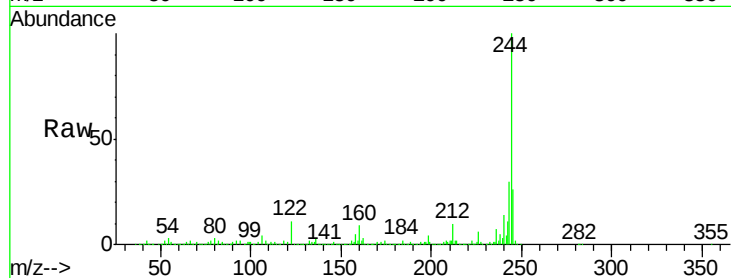
Tot Ion:244 Resp: 2111370

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

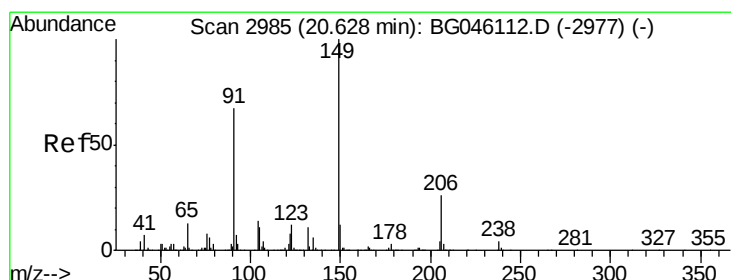
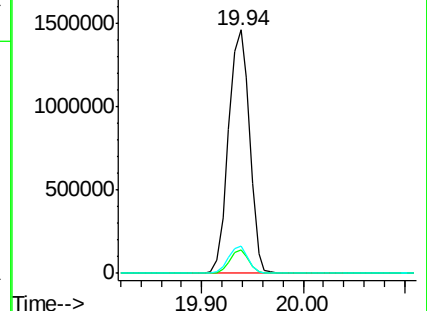
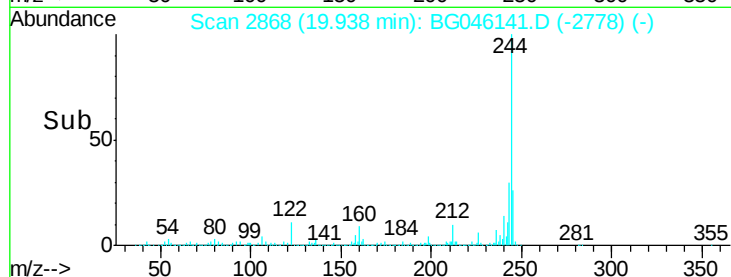
122 11.0 8.3 12.5



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: 49.395 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

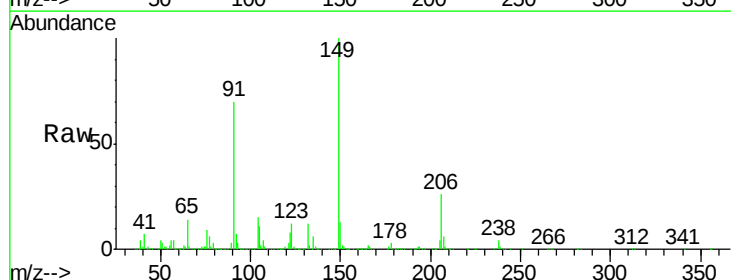
Tgt Ion:149 Resp: 714446

Ion Ratio Lower Upper

149 100

91 70.2 53.8 80.8

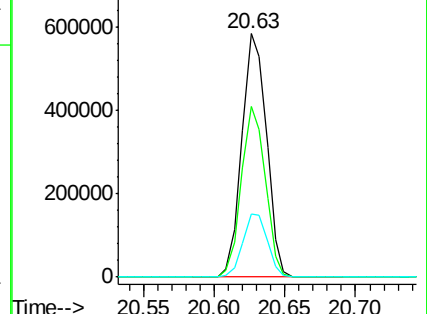
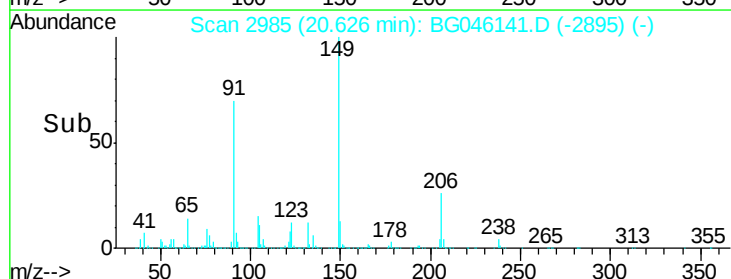
206 25.7 20.4 30.6

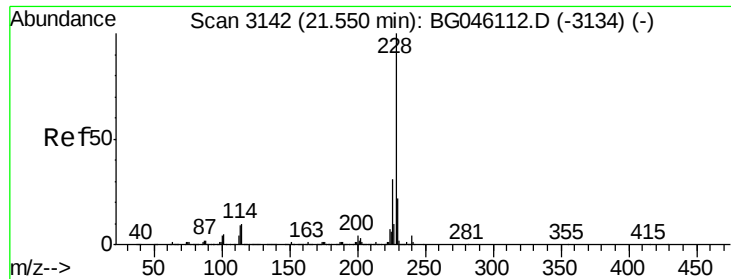


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.140 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

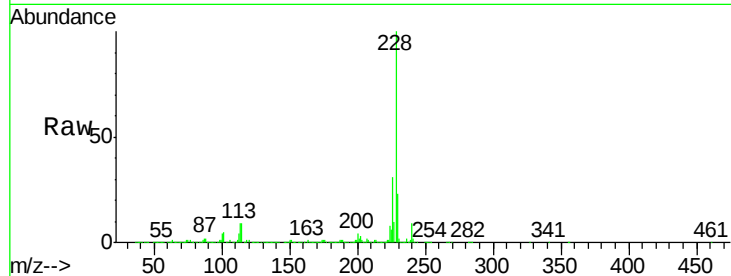
Tot Ion:228 Resp: 1715608

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

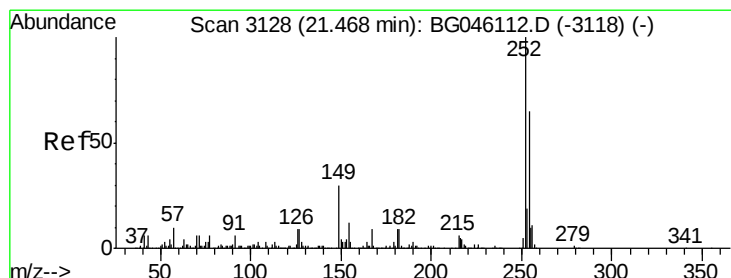
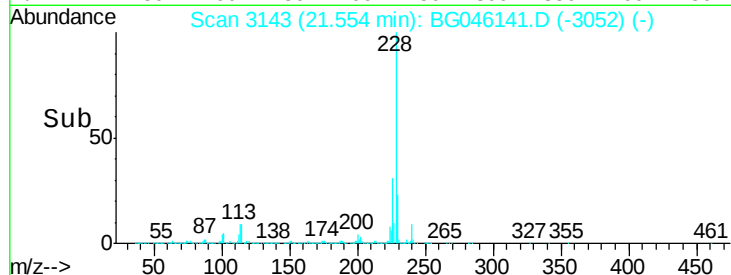
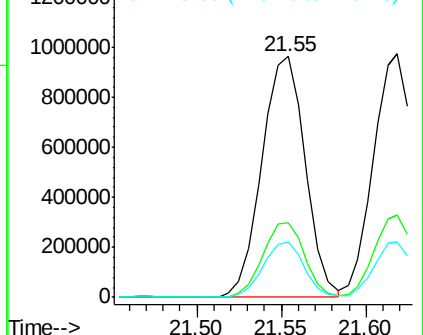
229 22.8 17.8 26.8



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: 27.080 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

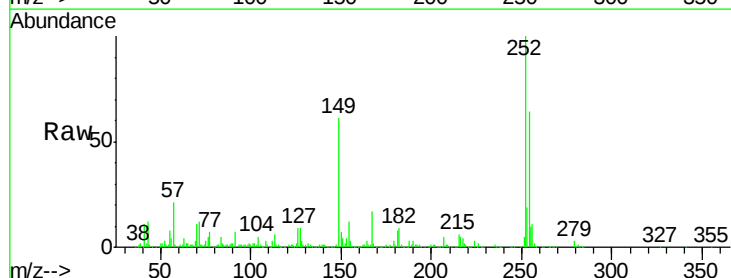
Tgt Ion:252 Resp: 447198

Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.8

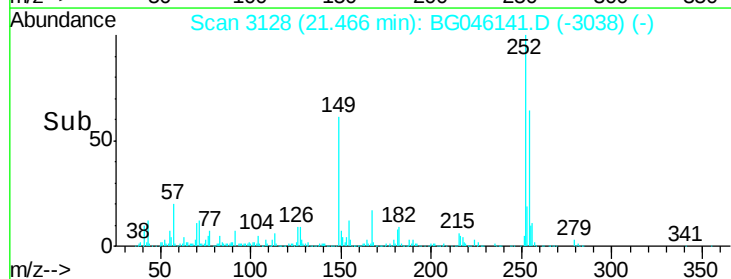
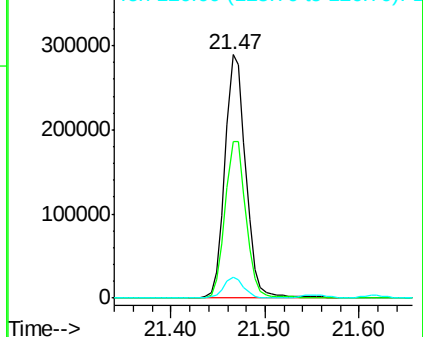
126 8.7 7.1 10.7

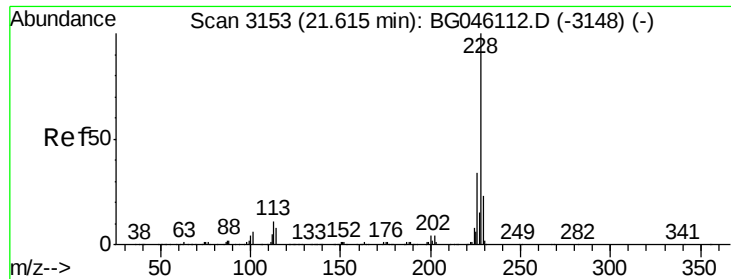


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.025 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

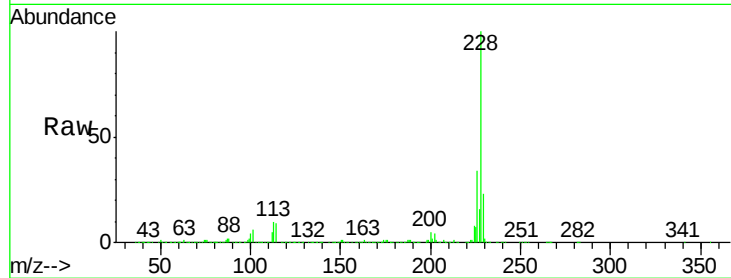
BNA_G

ClientSampleId :

SU-01-073020MSD

Tot Ion:228 Resp: 1637138

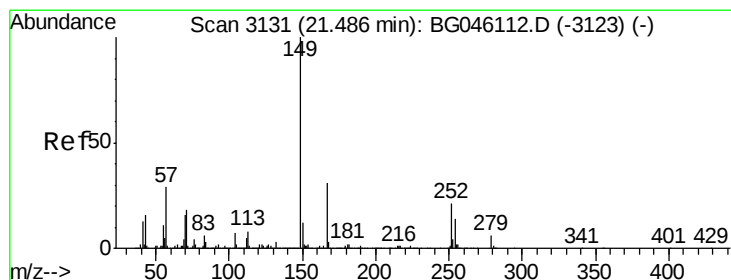
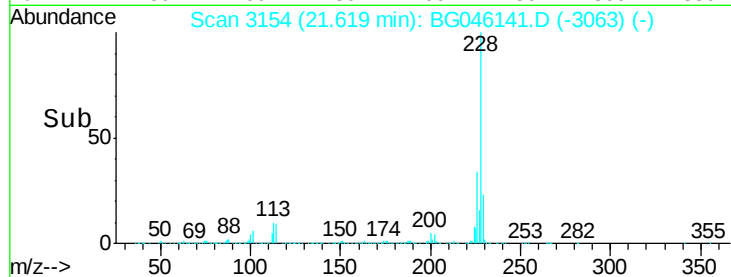
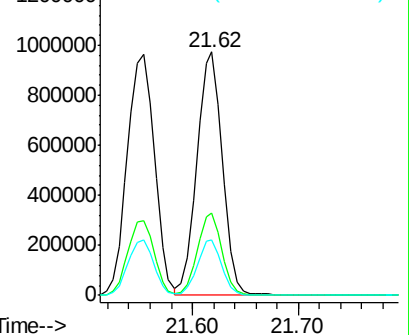
Ion	Ratio	Lower	Upper
228	100		
226	34.1	26.9	40.3
229	22.8	18.2	27.4



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: 47.533 ng

RT: 21.48 min Scan# 3131

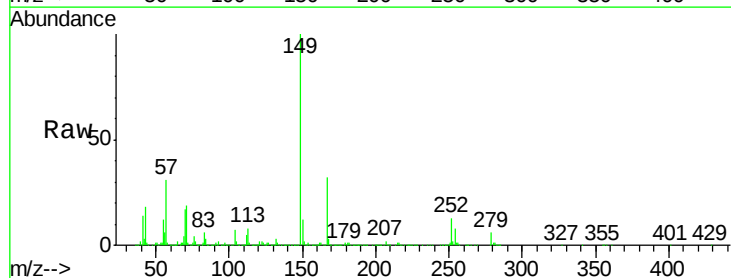
Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Tgt Ion:149 Resp: 982904

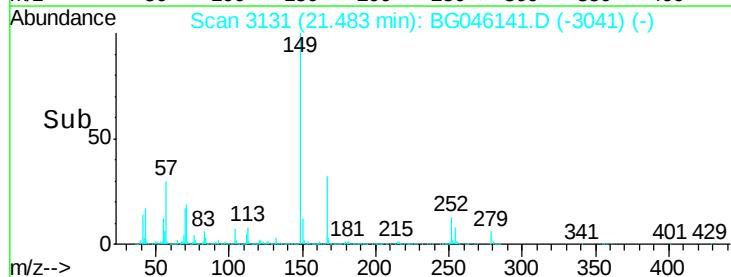
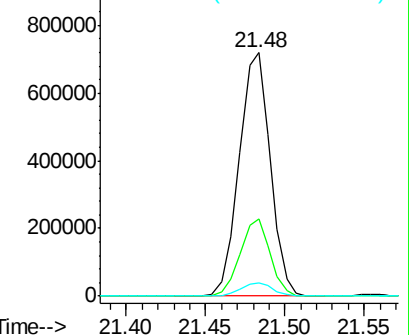
Ion	Ratio	Lower	Upper
149	100		
167	31.8	24.8	37.2
279	5.7	4.6	6.8

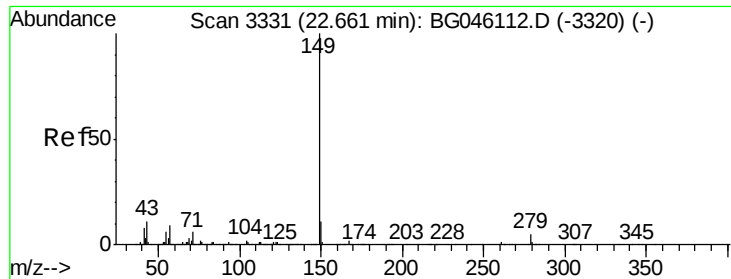


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.929 ng

RT: 22.66 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MSD

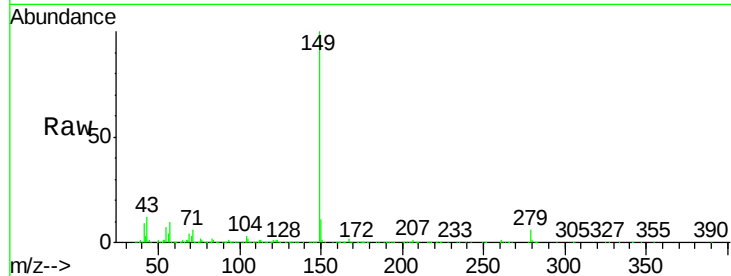
Tot Ion:149 Resp: 1678100

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

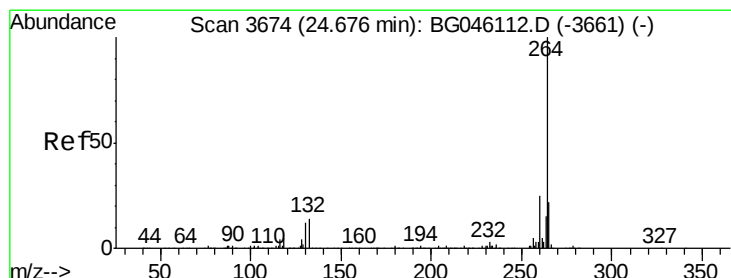
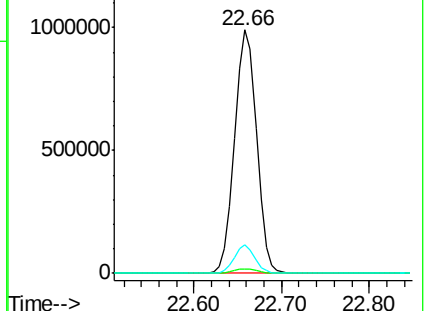
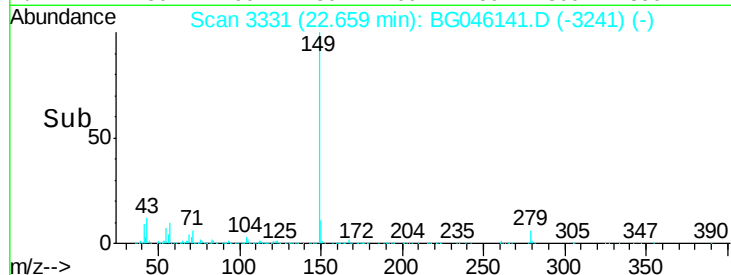
43 10.8 7.8 11.8



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: BG046141.D

Acq: 1 Aug 2020 2:54

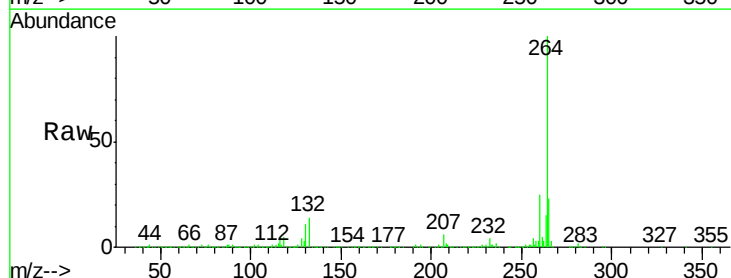
Tgt Ion:264 Resp: 629745

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

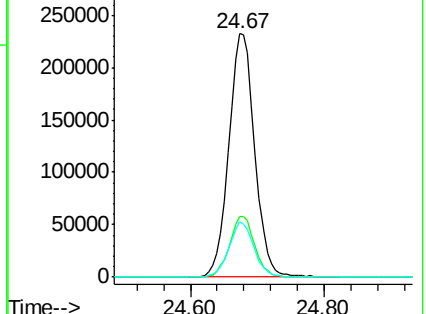
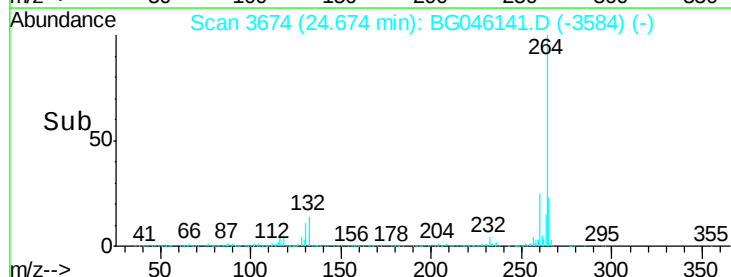
265 23.0 17.6 26.4

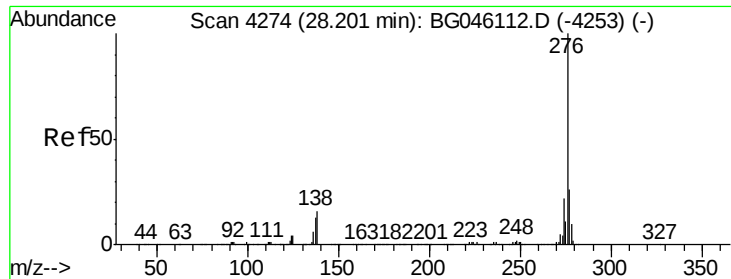


Abundance Ion 264.00 (263.70 to 264.70): E

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: 45.728 ng

RT: 28.20 min Scan# 4274

Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Instrument :

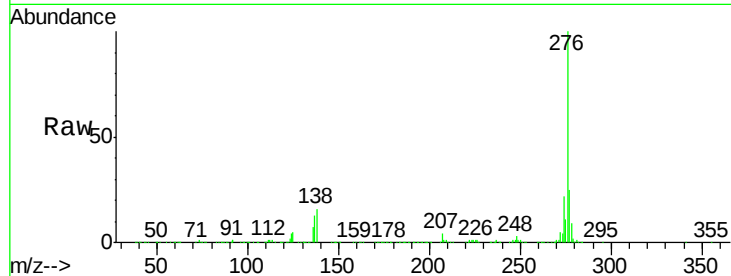
BNA_G

ClientSampleId :

SU-01-073020MSD

Tot Ion:276 Resp: 2196217

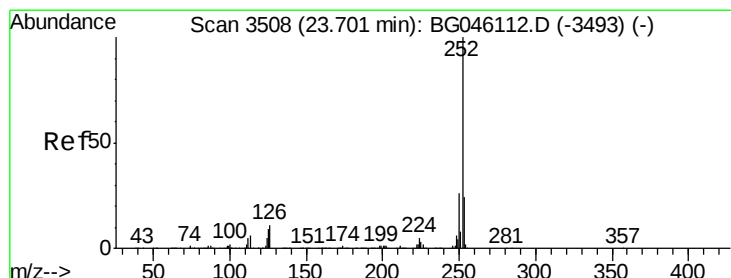
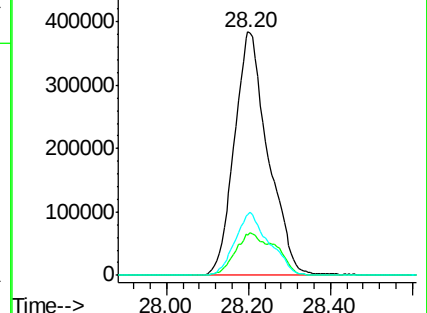
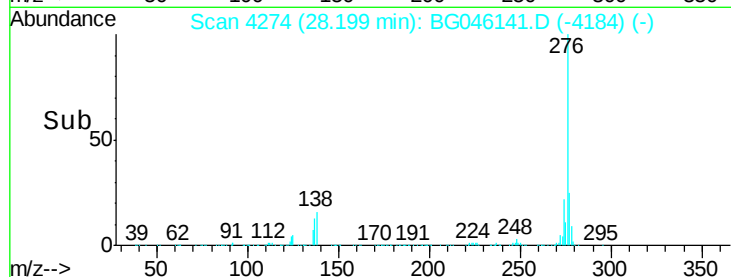
Ion	Ratio	Lower	Upper
276	100		
138	14.6	11.6	17.4
277	26.1	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 44.329 ng

RT: 23.70 min Scan# 3508

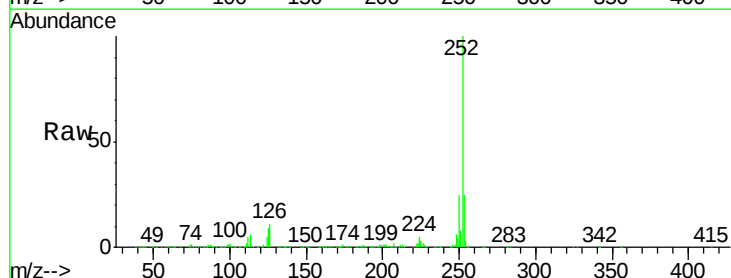
Delta R.T. -0.00 min

Lab File: BG046141.D

Acq: 1 Aug 2020 2:54

Tgt Ion:252 Resp: 1870699

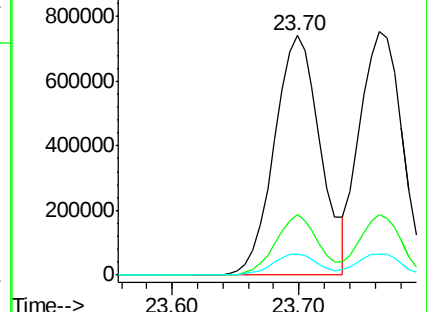
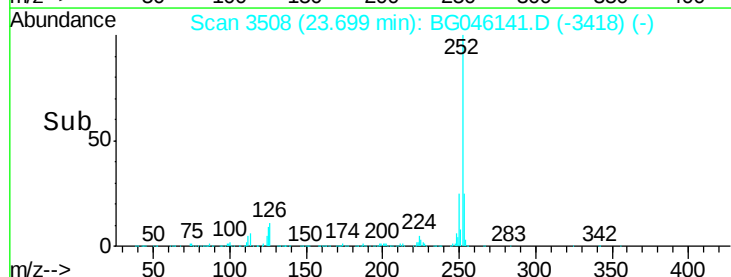
Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.2	28.8
125	8.9	7.2	10.8

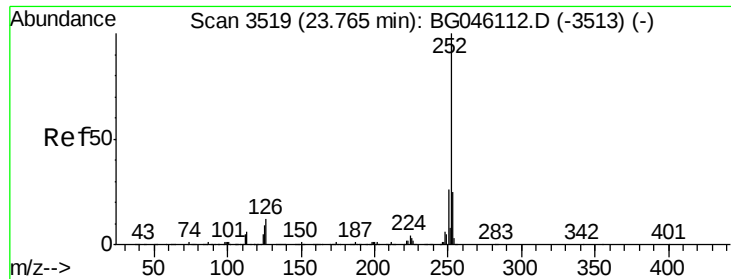


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

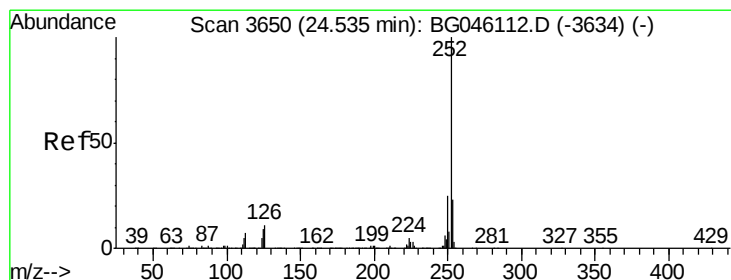
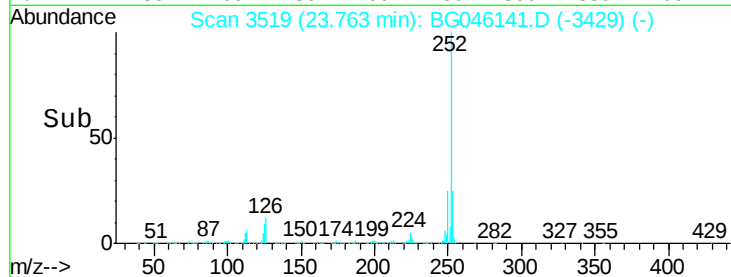
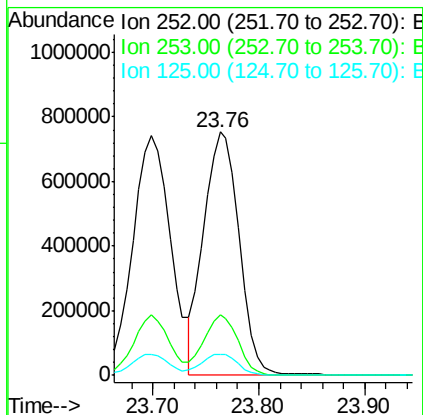
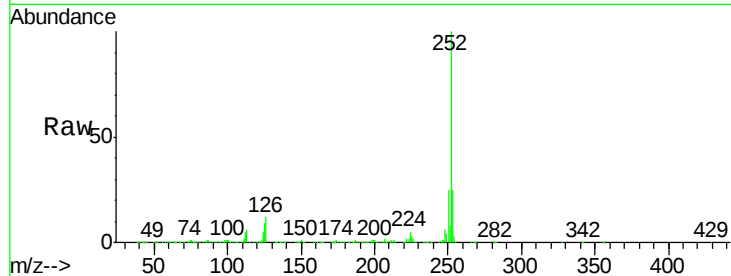




#89
Benzo(k)fluoranthene
Concen: 42.246 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

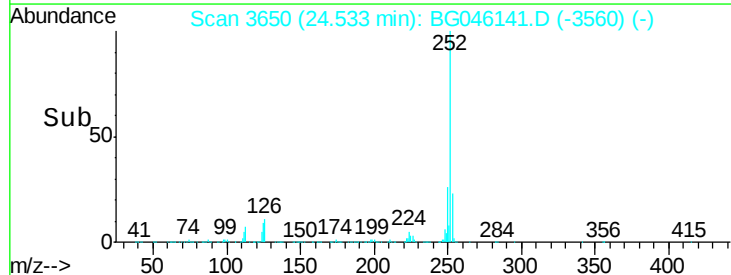
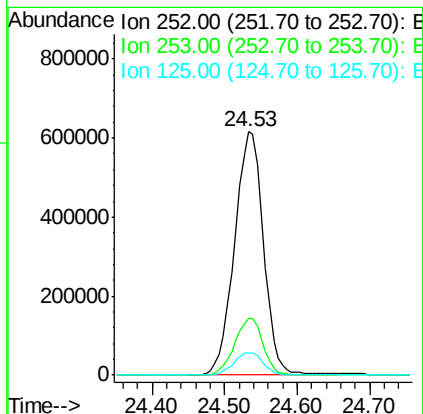
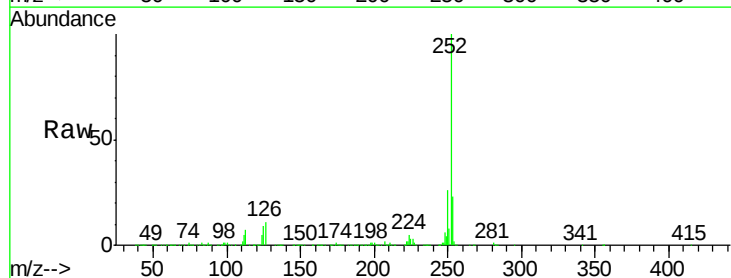
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

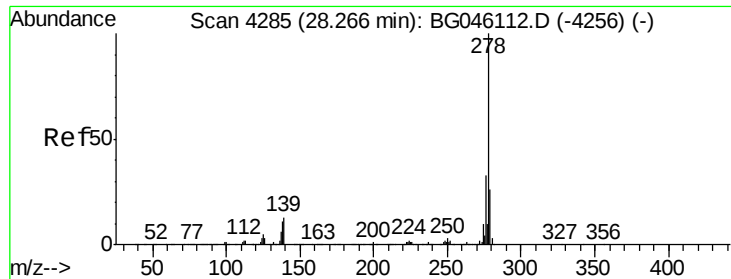
Tot Ion:252 Resp: 1748660
Ion Ratio Lower Upper
252 100
253 25.1 19.5 29.3
125 8.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.378 ng
RT: 24.53 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion:252 Resp: 1703410
Ion Ratio Lower Upper
252 100
253 23.5 18.6 27.8
125 9.1 7.1 10.7

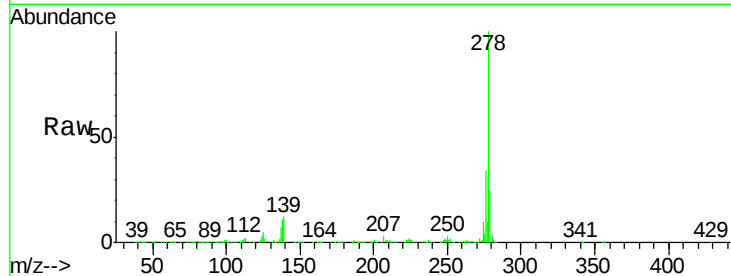




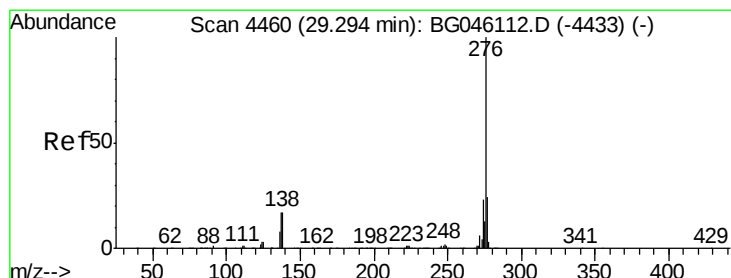
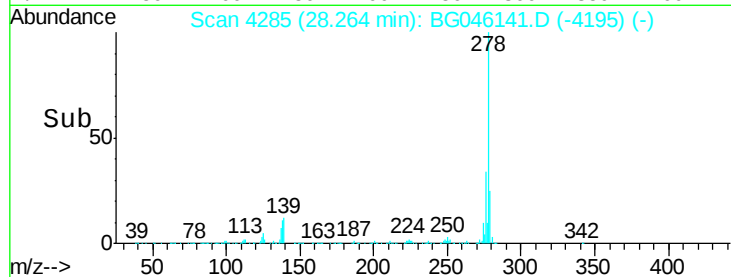
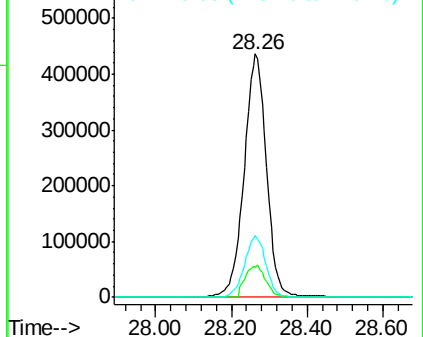
#91
Dibenzo(a,h)anthracene
Concen: 44.611 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.00 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

Tot Ion:278 Resp: 1791126
Ion Ratio Lower Upper
278 100
139 12.5 10.8 16.2
279 25.2 20.5 30.7

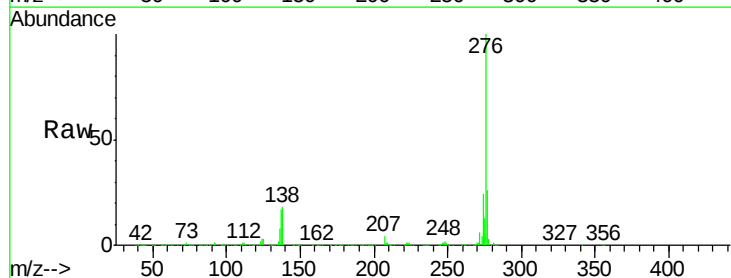


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.461 ng
RT: 29.30 min Scan# 4462
Delta R.T. 0.01 min
Lab File: BG046141.D
Acq: 1 Aug 2020 2:54

Tgt Ion:276 Resp: 1843363
Ion Ratio Lower Upper
276 100
277 25.5 19.5 29.3
138 17.8 13.8 20.6



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

