

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046140.D
 Acq On : 1 Aug 2020 2:14
 Operator : CG/JU
 Sample : L3507-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Quant Time: Aug 01 03:47:13 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	87963	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	346842	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	226634	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	560453	20.00	ng	0.00
76) Chrysene-d12	21.57	240	584141	20.00	ng	0.00
86) Perylene-d12	24.68	264	625610	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	560624	110.79	ng	0.00
7) Phenol-d6	7.12	99	680009	98.61	ng	0.00
23) Nitrobenzene-d5	9.11	82	521149	81.35	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	414612	119.11	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1163230	74.56	ng	0.00
79) Terphenyl-d14	19.93	244	2041460	71.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	82236	35.706	ng	# 31
3) Pyridine	3.85	79	150219	23.693	ng	98
4) n-Nitrosodimethylamine	3.75	42	117228	43.443	ng	93
6) Aniline	7.28	93	213958	26.064	ng	97
8) 2-Chlorophenol	7.52	128	258509	46.222	ng	97
9) Benzaldehyde	7.09	77	167162	40.849	ng	93
10) Phenol	7.15	94	287997	41.564	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	254632	46.201	ng	99
12) 1,3-Dichlorobenzene	7.84	146	281789	41.568	ng	98
13) 1,4-Dichlorobenzene	7.99	146	282973	41.570	ng	99
14) 1,2-Dichlorobenzene	8.31	146	273255	42.563	ng	98
15) Benzyl Alcohol	8.19	79	237689	49.890	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	438025	48.477	ng	99
17) 2-Methylphenol	8.40	107	226978	48.523	ng	99
18) Hexachloroethane	9.04	117	100172	44.000	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	209431	46.663	ng	96
20) 3+4-Methylphenols	8.72	107	304865	47.615	ng	99
22) Acetophenone	8.77	105	394134	44.279	ng	# 99
24) Nitrobenzene	9.15	77	297002	43.485	ng	97
25) Isophorone	9.68	82	564150	44.258	ng	100
26) 2-Nitrophenol	9.86	139	148551	47.990	ng	94
27) 2,4-Dimethylphenol	9.93	122	248238	49.291	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	340605	49.142	ng	99
29) 2,4-Dichlorophenol	10.40	162	271481	45.826	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	287970	41.494	ng	99
31) Naphthalene	10.80	128	789838	43.038	ng	99
32) Benzoic acid	10.07	122	140857	39.996	ng	94
33) 4-Chloroaniline	10.90	127	64780	8.638	ng	98
34) Hexachlorobutadiene	11.10	225	184624	39.963	ng	97
35) Caprolactam	11.67	113	38476	19.843	ng	89
36) 4-Chloro-3-methylphenol	12.03	107	282007	48.508	ng	99
37) 2-Methylnaphthalene	12.41	142	607199	42.999	ng	97
38) 1-Methylnaphthalene	12.63	142	583491	43.665	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	340281	41.672	ng	# 98

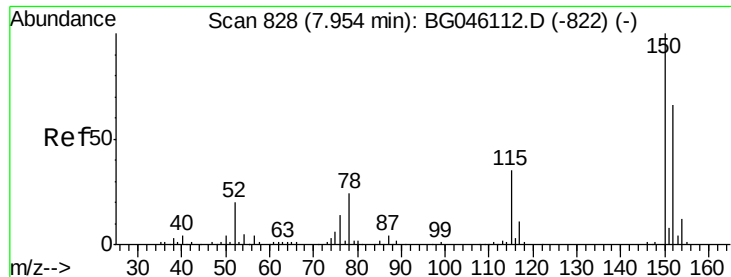
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
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 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	448468	95.750	ng	97
43) 2,4,6-Trichlorophenol	13.01	196	242822	46.610	ng	96
44) 2,4,5-Trichlorophenol	13.08	196	265452	46.699	ng	97
46) 1,1'-Biphenyl	13.41	154	787694	44.306	ng	98
47) 2-Chloronaphthalene	13.45	162	613757	43.279	ng	98
48) 2-Nitroaniline	13.65	65	194679	52.372	ng	98
49) Acenaphthylene	14.30	152	996218	45.239	ng	99
50) Dimethylphthalate	14.04	163	827578	47.577	ng	100
51) 2,6-Dinitrotoluene	14.15	165	189570	46.828	ng	97
52) Acenaphthene	14.65	154	620741	42.711	ng	100
53) 3-Nitroaniline	14.48	138	118159	29.441	ng	99
54) 2,4-Dinitrophenol	14.68	184	223421	86.482	ng	89
55) Dibenzofuran	14.98	168	956551	43.618	ng	98
56) 4-Nitrophenol	14.79	139	325614	93.448	ng	93
57) 2,4-Dinitrotoluene	14.93	165	269811	48.475	ng	98
58) Fluorene	15.63	166	789999	44.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	262294	48.989	ng	99
60) Diethylphthalate	15.40	149	837089	48.920	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	422665	45.566	ng	98
62) 4-Nitroaniline	15.64	138	193517	47.943	ng	93
63) Azobenzene	15.92	77	754772	47.066	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	170314	45.949	ng	98
66) n-Nitrosodiphenylamine	15.83	169	738412	43.526	ng	99
67) 4-Bromophenyl-phenylether	16.52	248	303305	43.805	ng	100
68) Hexachlorobenzene	16.64	284	330867	42.616	ng	99
69) Atrazine	16.79	200	273138	41.811	ng	99
70) Pentachlorophenol	16.97	266	471407	93.578	ng	99
71) Phenanthrene	17.37	178	1334742	43.476	ng	99
72) Anthracene	17.46	178	1367894	44.794	ng	98
73) Carbazole	17.72	167	1308644	44.442	ng	99
74) Di-n-butylphthalate	18.30	149	1489185	48.383	ng	98
75) Fluoranthene	19.37	202	1714800	44.740	ng	98
77) Benzidine	19.55	184	173520	10.487	ng	99
78) Pyrene	19.73	202	1719540	43.811	ng	98
80) Butylbenzylphthalate	20.63	149	716084	50.366	ng	100
81) Benzo(a)anthracene	21.55	228	1716078	43.899	ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	472397	29.101	ng	97
83) Chrysene	21.62	228	1627744	42.507	ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	989268	48.669	ng	99
85) Di-n-octyl phthalate	22.66	149	1699726	49.387	ng	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2206839	46.253	ng	# 94
88) Benzo(b)fluoranthene	23.70	252	1847018	44.057	ng	99
89) Benzo(k)fluoranthene	23.77	252	1793304	43.611	ng	99
90) Benzo(a)pyrene	24.54	252	1708253	43.789	ng	99
91) Dibenzo(a,h)anthracene	28.27	278	1795460	45.015	ng	100
92) Benzo(g,h,i)perylene	29.31	276	1851082	45.953	ng	99

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

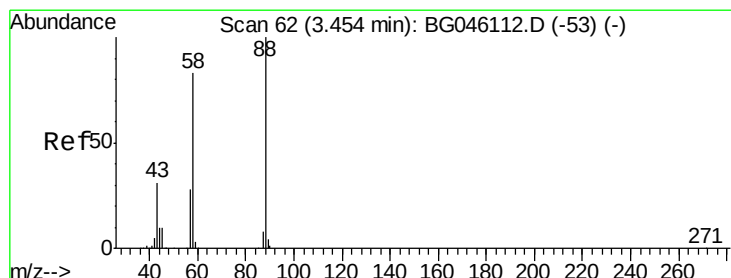
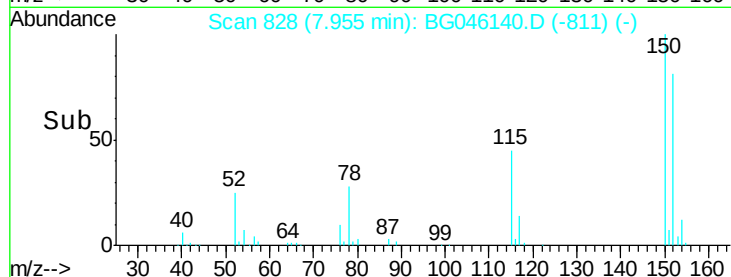
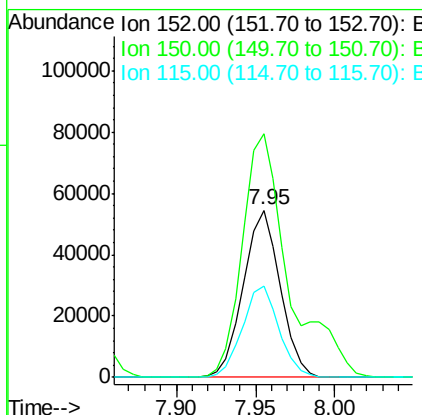
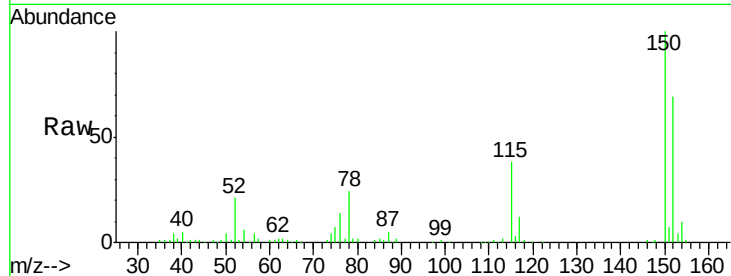


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

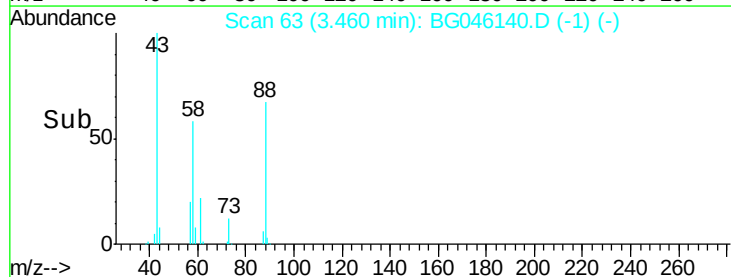
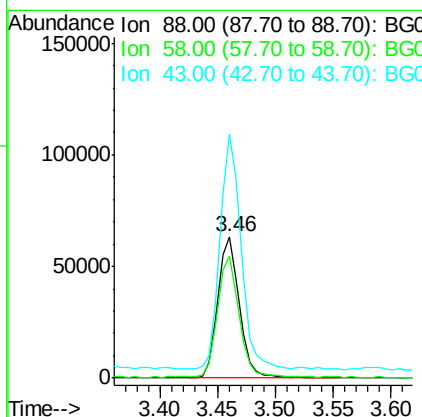
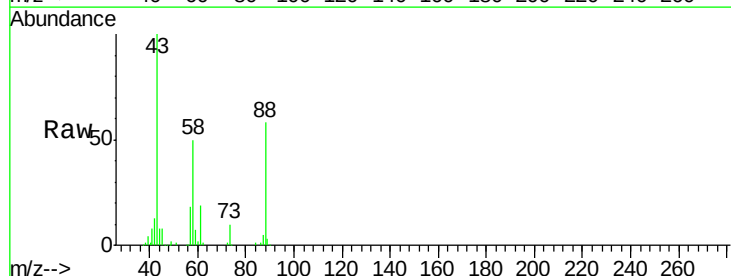
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	122.1	183.1
115	55.1	43.2	64.8

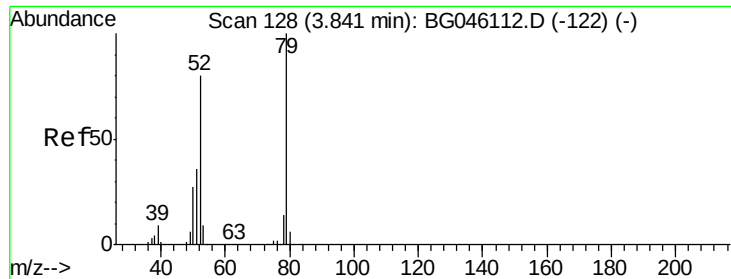


#2

1,4-Dioxane
 Concen: 35.706 ng
 RT: 3.46 min Scan# 63
 Delta R.T. 0.01 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	66.5	99.7
43	167.0	23.8	35.8#





#3

Pvridine

Concen: 23.693 ng

RT: 3.85 min Scan# 130

Delta R.T. 0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

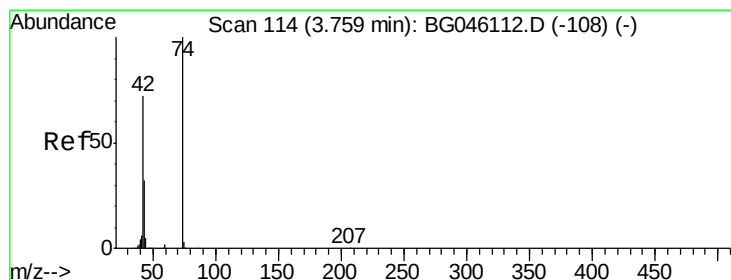
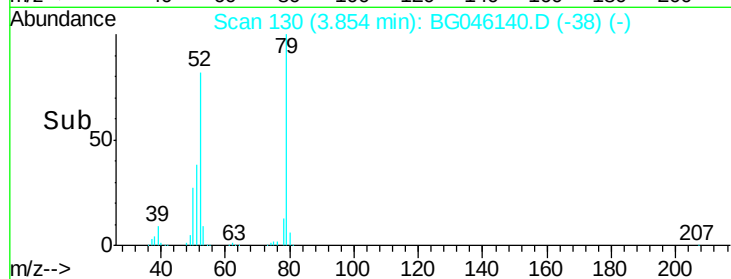
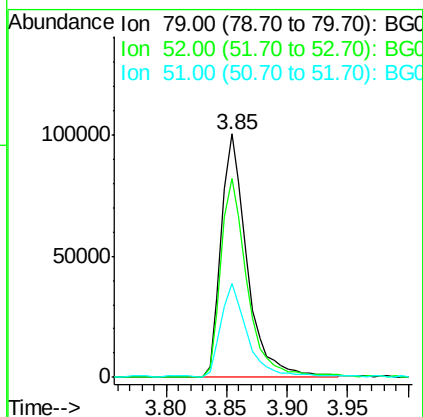
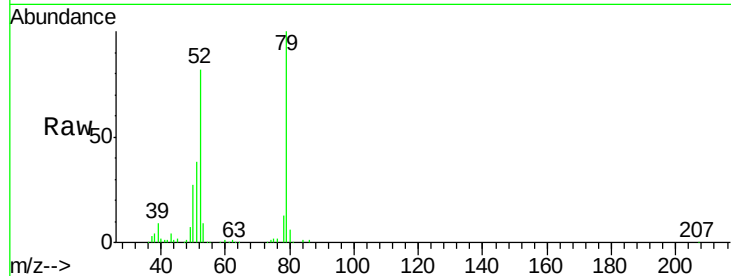
Tot Ion: 79 Resp: 150219

Ion Ratio Lower Upper

79 100

52 81.6 64.3 96.5

51 38.4 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 43.443 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

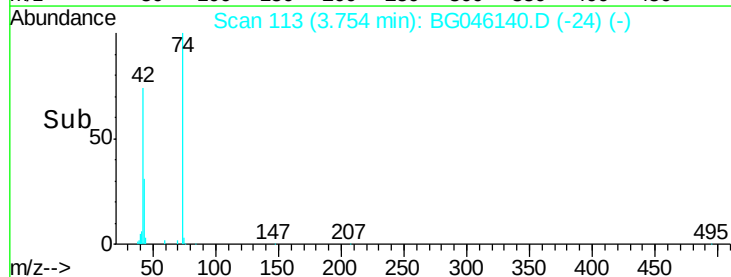
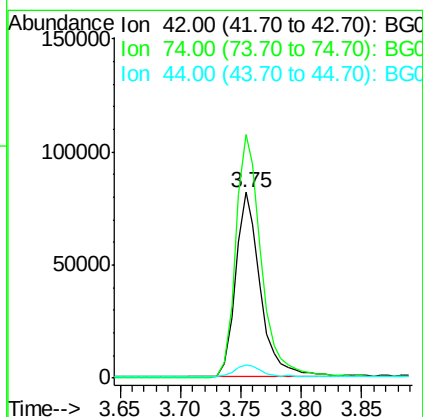
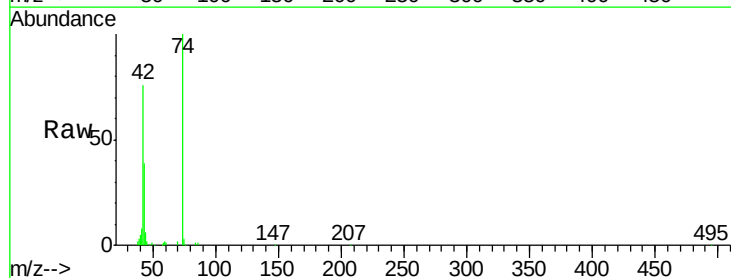
Tgt Ion: 42 Resp: 117228

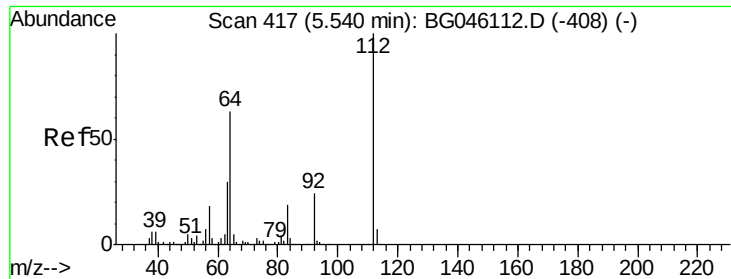
Ion Ratio Lower Upper

42 100

74 131.1 111.6 167.4

44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 110.793 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

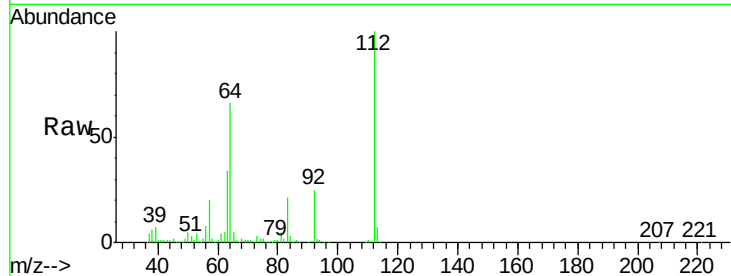
Tot Ion:112 Resp: 560624

Ion Ratio Lower Upper

112 100

64 65.8 50.2 75.2

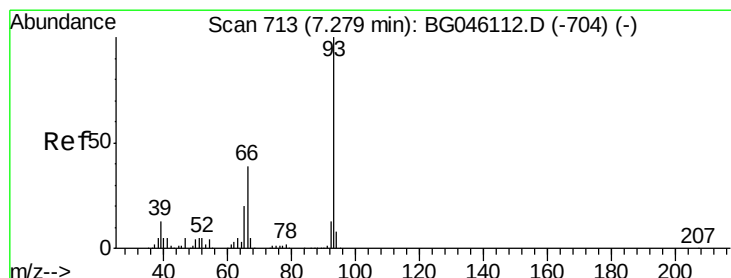
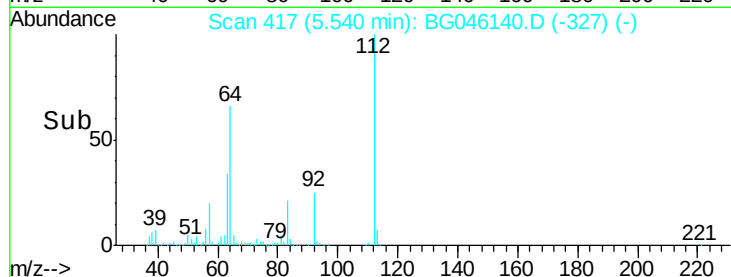
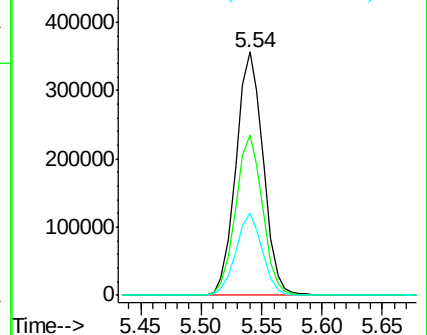
63 33.6 24.2 36.4



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: 26.064 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

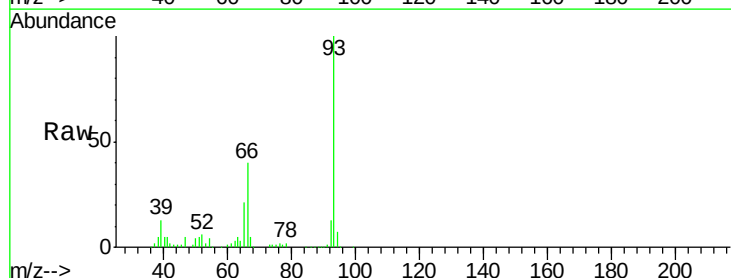
Tgt Ion: 93 Resp: 213958

Ion Ratio Lower Upper

93 100

66 40.4 31.0 46.4

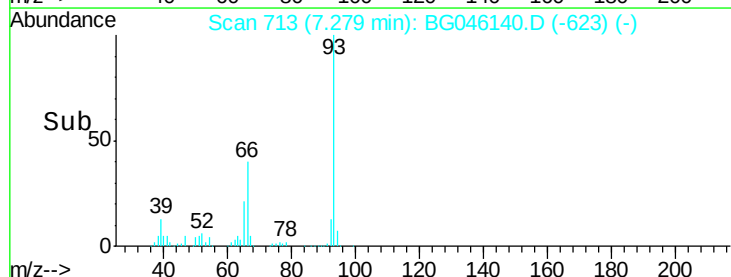
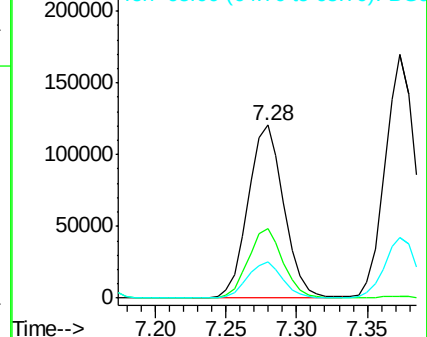
65 20.8 15.9 23.9

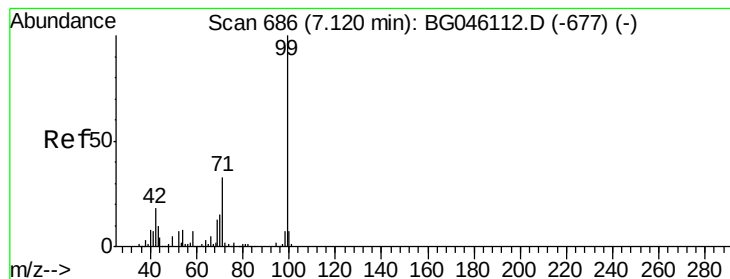


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.606 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

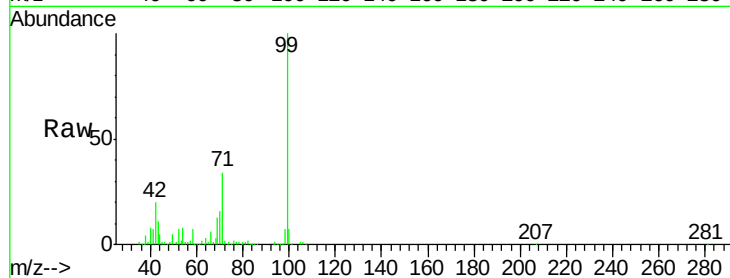
Tot Ion: 99 Resp: 680009

Ion Ratio Lower Upper

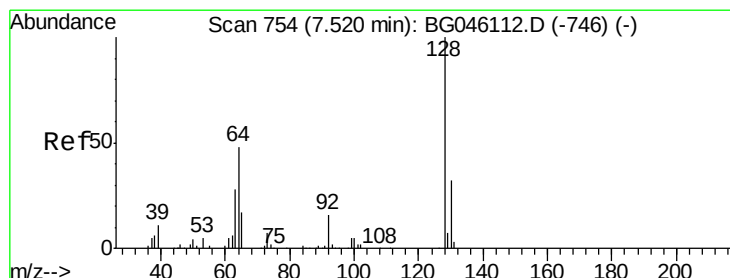
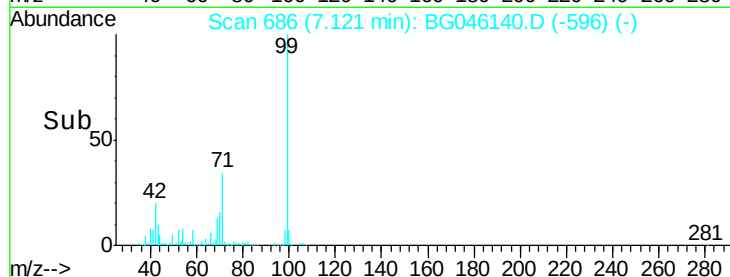
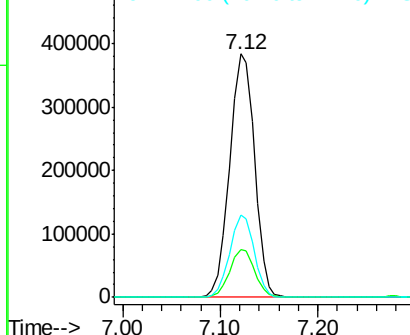
99 100

42 19.7 14.7 22.1

71 33.8 26.5 39.7



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



#8

2-Chlorophenol

Concen: 46.222 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

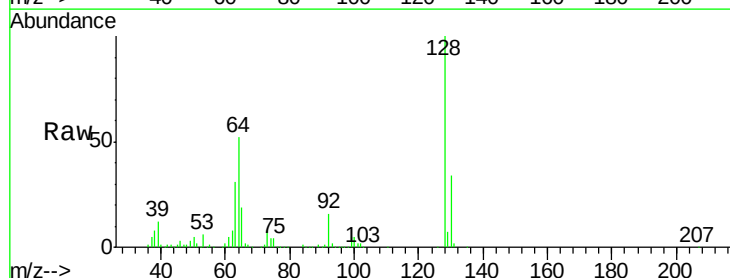
Tgt Ion: 128 Resp: 258509

Ion Ratio Lower Upper

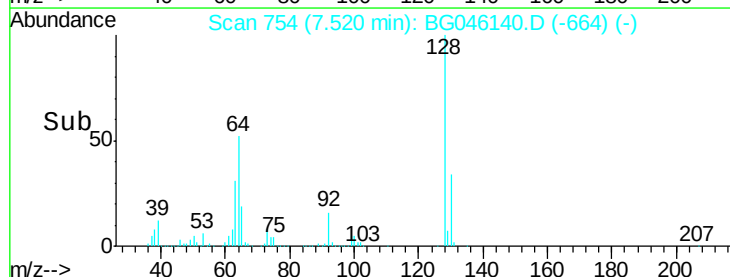
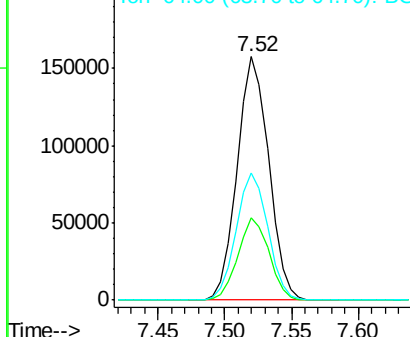
128 100

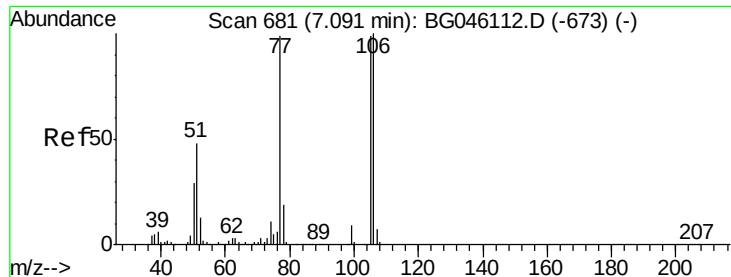
130 33.7 11.6 51.6

64 52.0 30.6 70.6



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





#9

Benzaldehyde

Concen: 40.849 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

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SU-01-073020MS

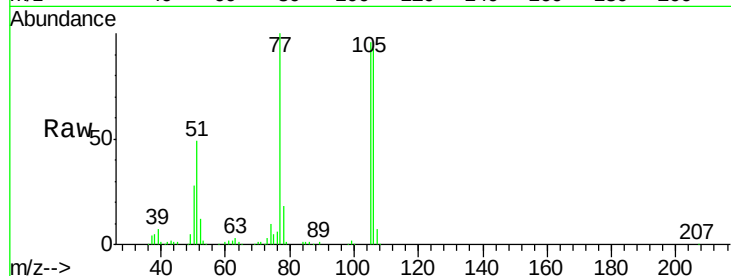
Tot Ion: 77 Resp: 167162

Ion Ratio Lower Upper

77 100

105 95.6 80.3 120.3

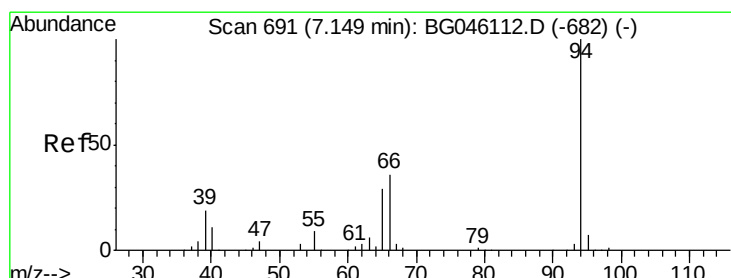
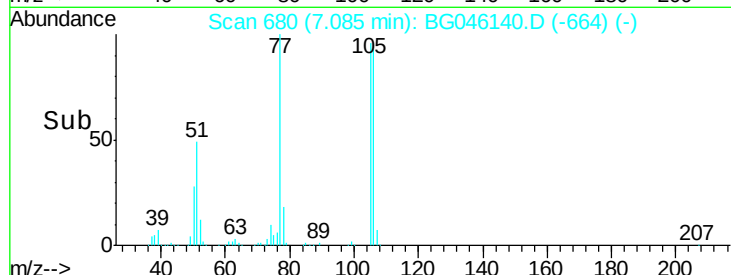
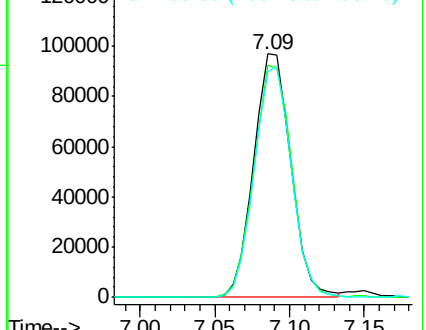
106 92.8 81.5 121.5



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: 41.564 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

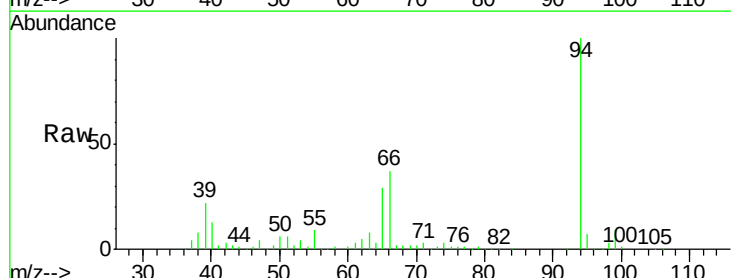
Tgt Ion: 94 Resp: 287997

Ion Ratio Lower Upper

94 100

65 29.4 9.6 49.6

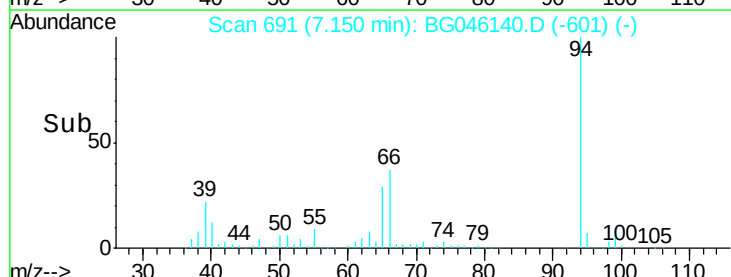
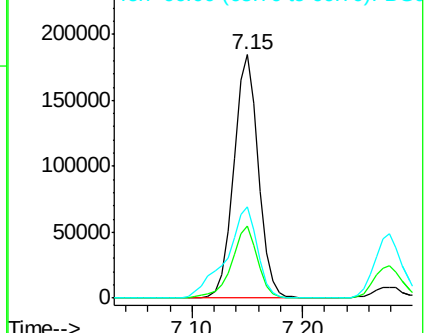
66 37.4 16.3 56.3

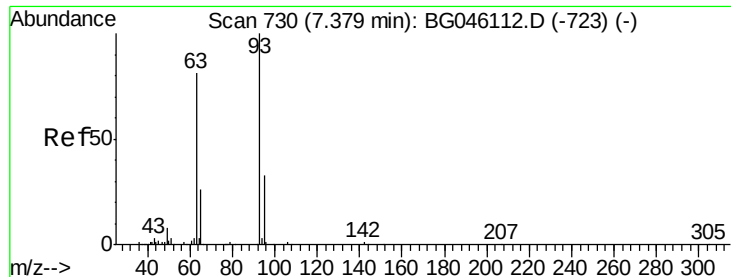


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

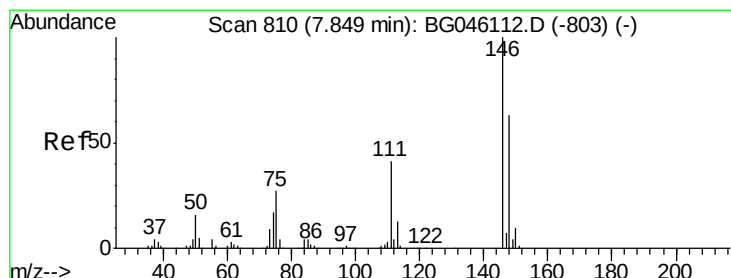
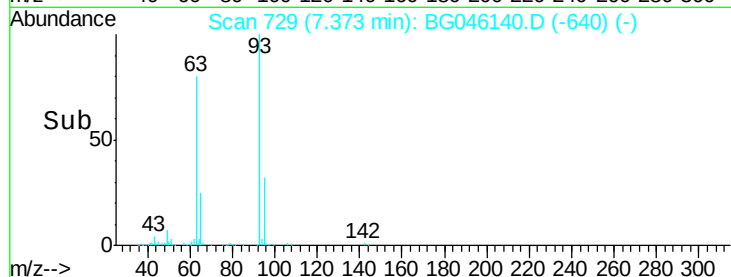
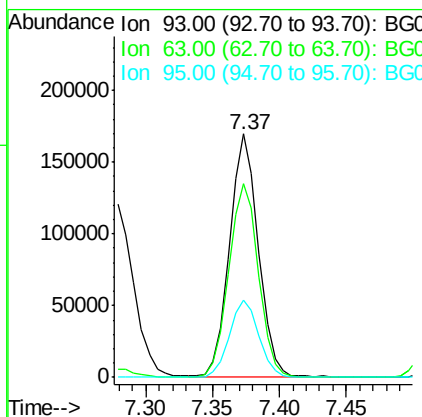
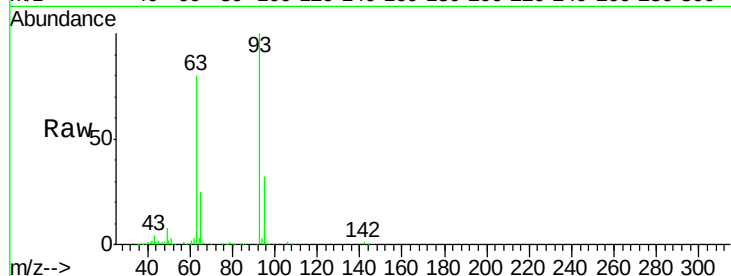




#11
bis(2-Chloroethyl)ether
Concen: 46.201 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

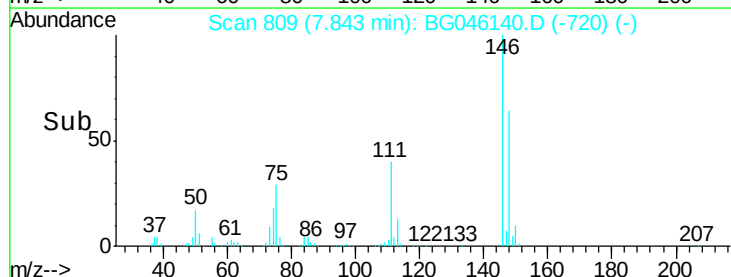
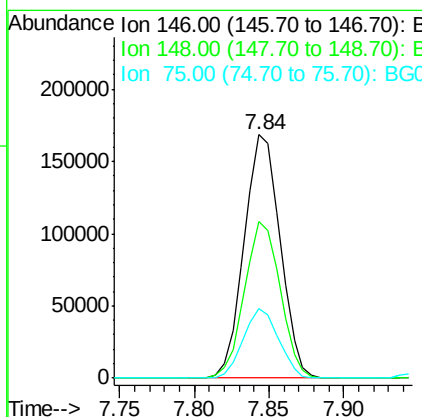
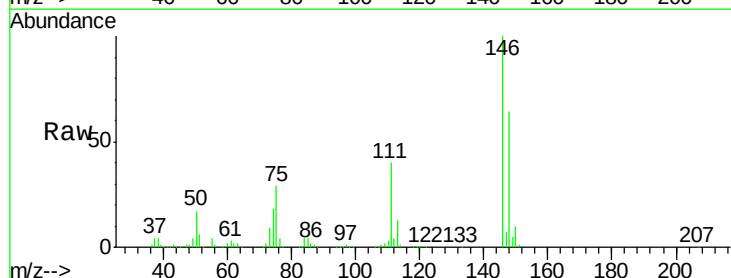
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

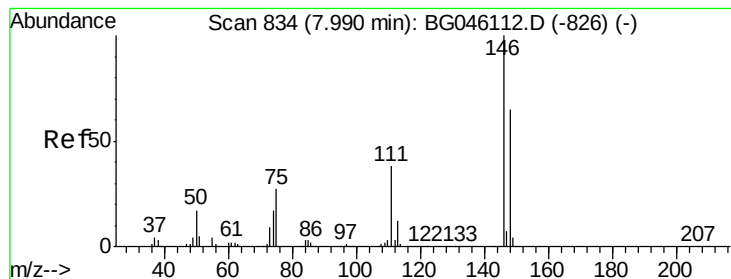
Tot Ion: 93 Resp: 254632
Ion Ratio Lower Upper
93 100
63 79.7 60.0 100.0
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.568 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion: 146 Resp: 281789
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 28.7 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 41.570 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

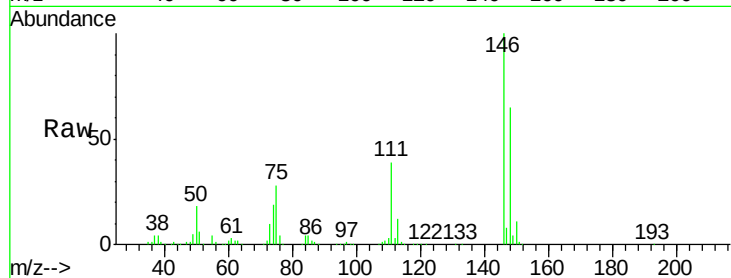
Tot Ion:146 Resp: 282973

Ion Ratio Lower Upper

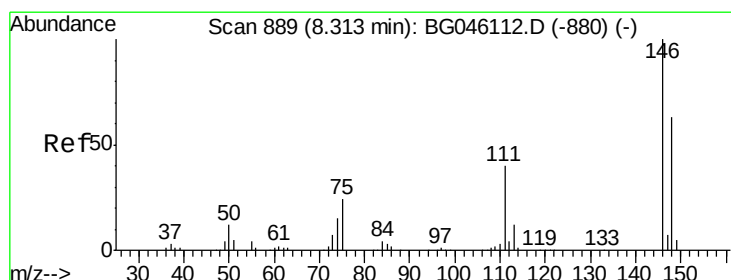
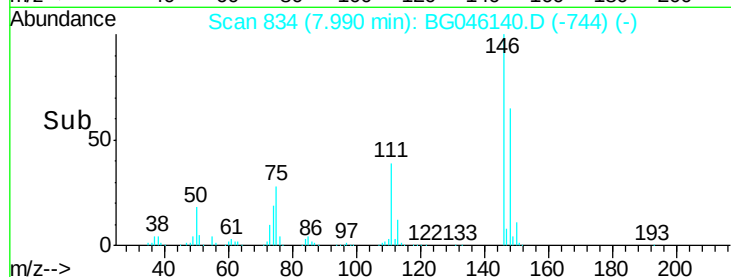
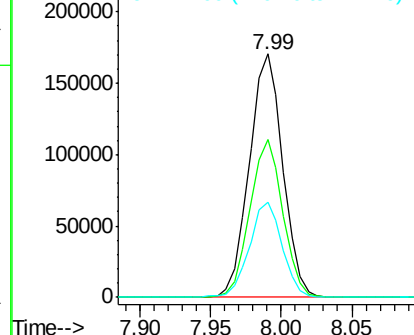
146 100

148 65.0 51.8 77.6

111 39.3 30.7 46.1



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



#14

1,2-Dichlorobenzene

Concen: 42.563 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

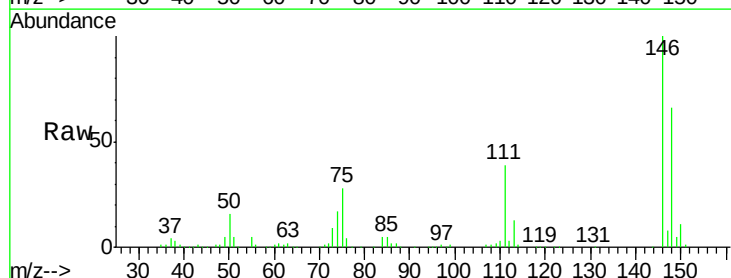
Tgt Ion:146 Resp: 273255

Ion Ratio Lower Upper

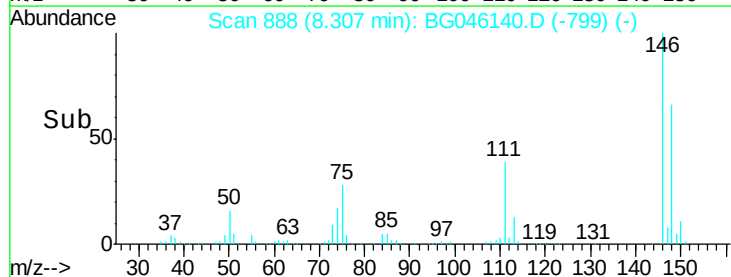
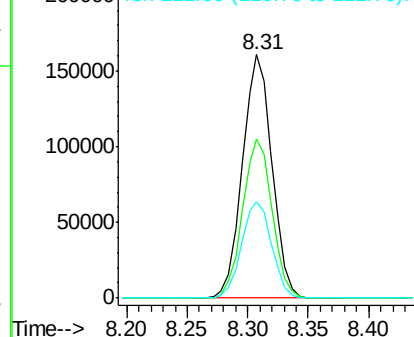
146 100

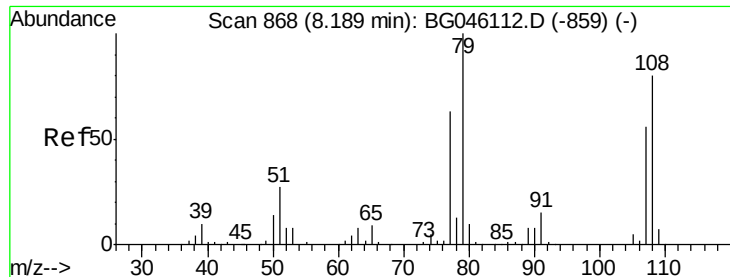
148 65.6 50.8 76.2

111 39.5 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: 49.890 ng

RT: 8.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

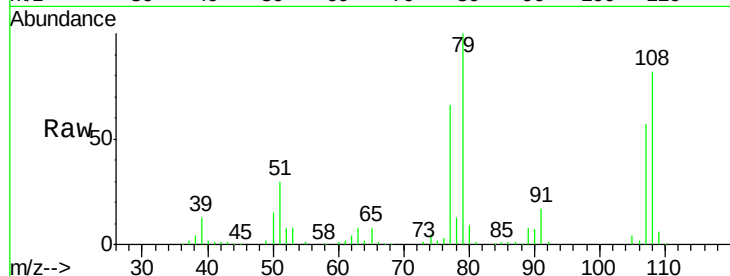
Tot Ion: 79 Resp: 237689

Ion Ratio Lower Upper

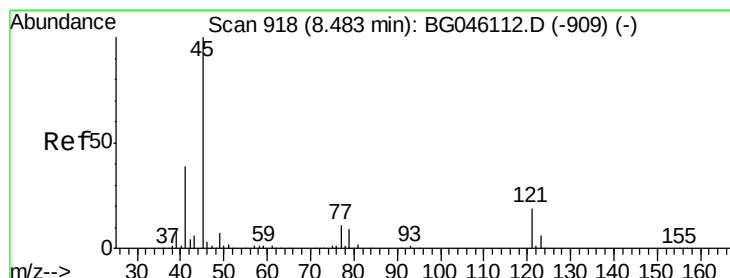
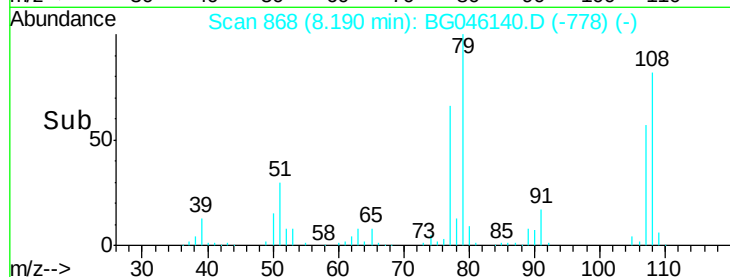
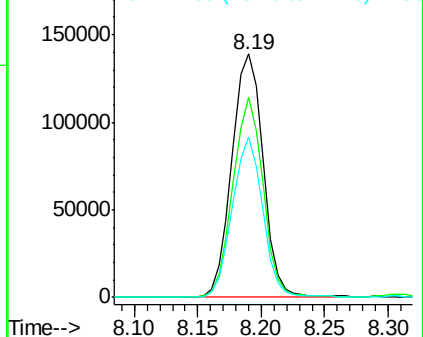
79 100

108 82.3 64.1 96.1

77 66.1 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: 48.477 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

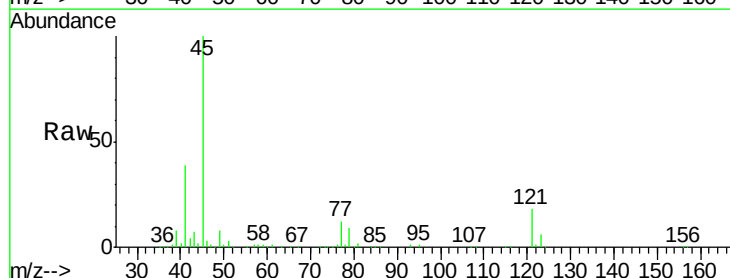
Tgt Ion: 45 Resp: 438025

Ion Ratio Lower Upper

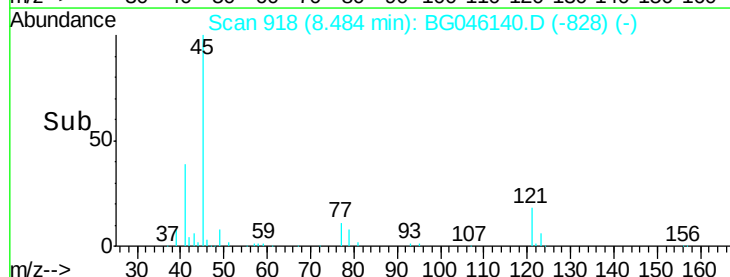
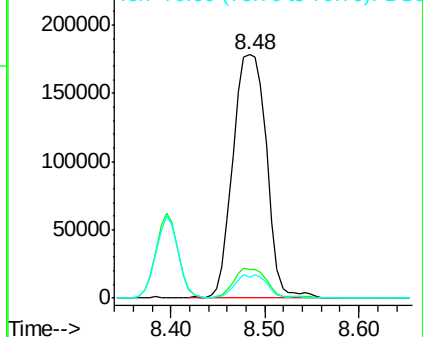
45 100

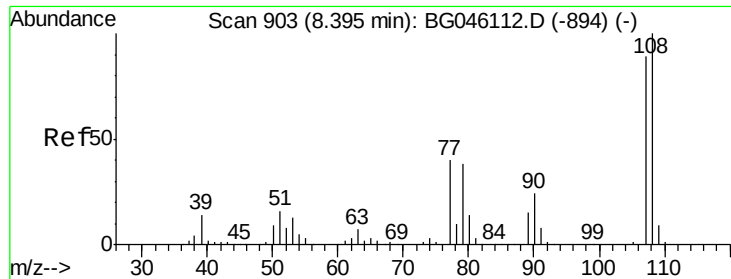
77 11.9 0.0 31.9

79 8.8 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

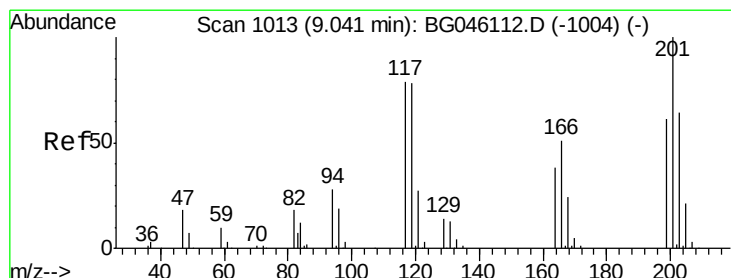
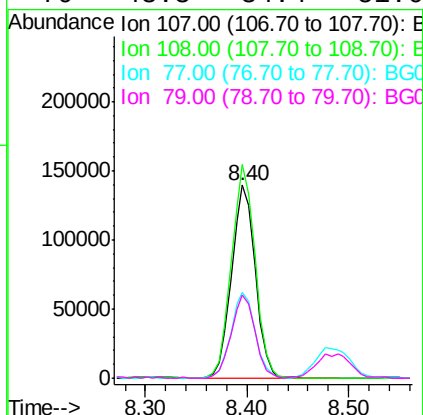
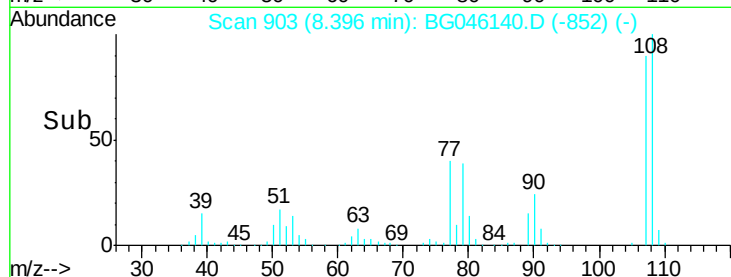
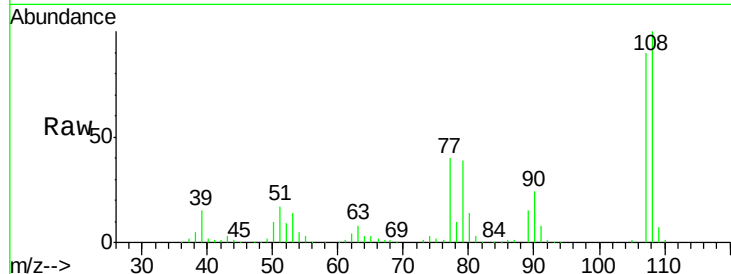




#17
2-Methylphenol
Concen: 48.523 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

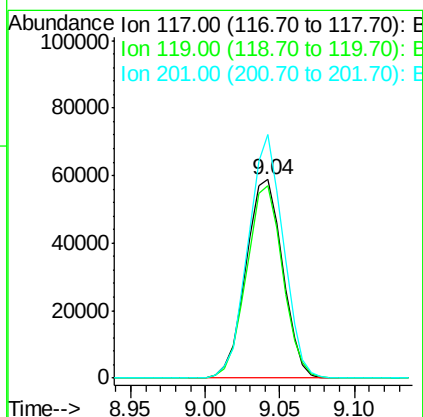
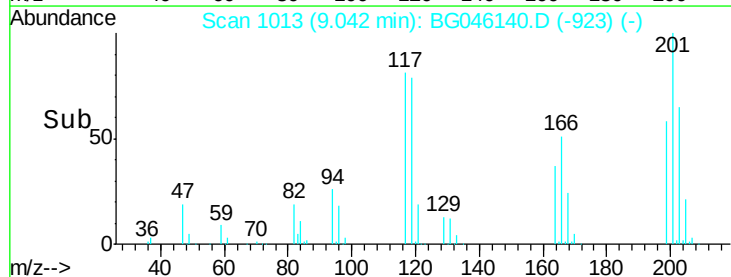
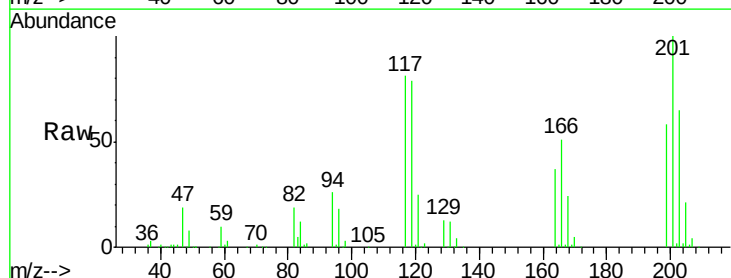
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

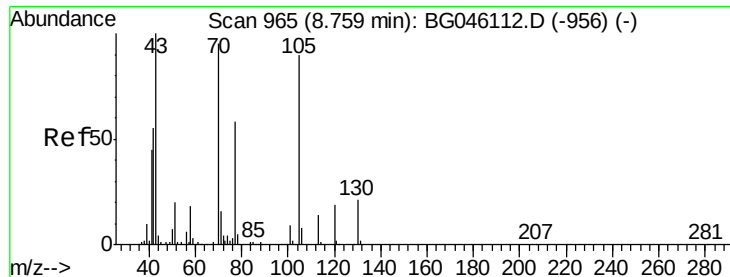
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	90.0	135.0
77	44.2	35.6	53.4
79	43.3	34.4	51.6



#18
Hexachloroethane
Concen: 44.000 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.5	117.7
201	122.8	101.0	151.4

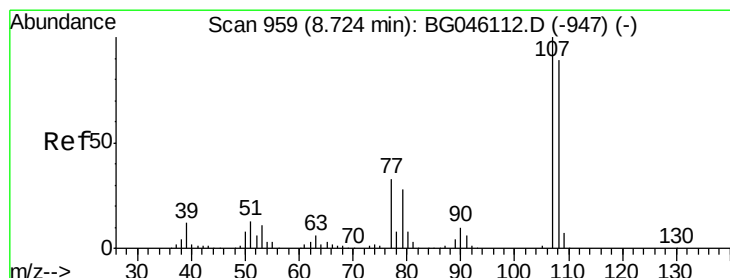
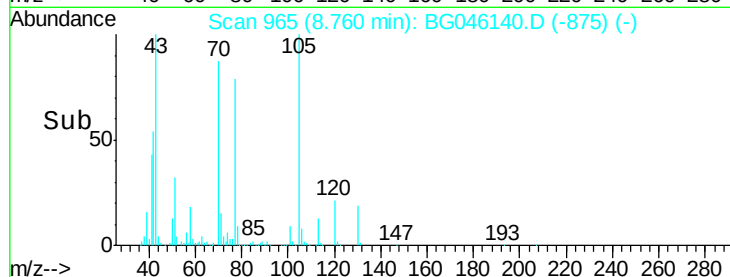
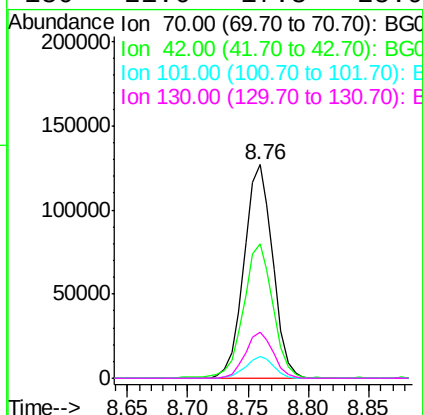
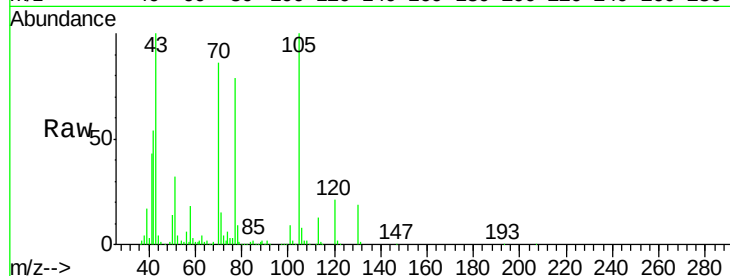




#19
n-Nitroso-di-n-propylamine
Concen: 46.663 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

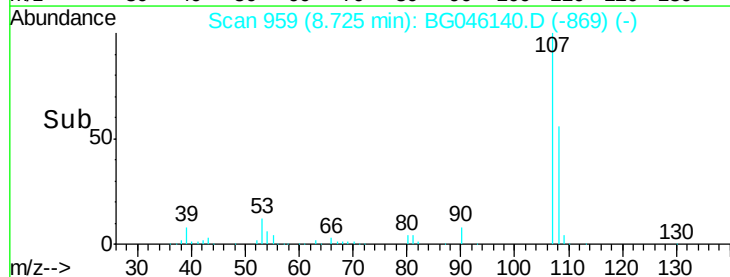
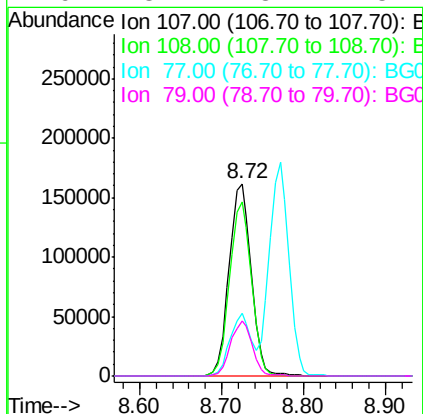
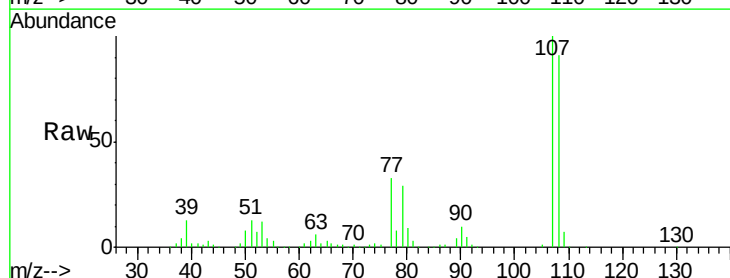
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

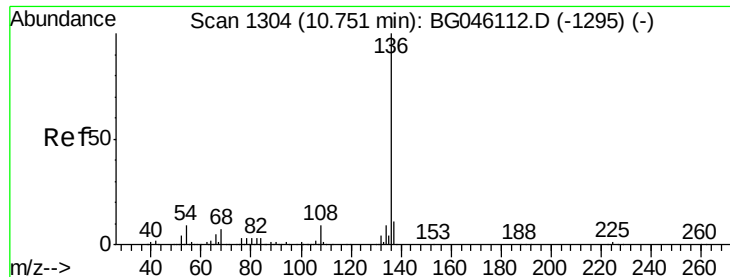
Tot Ion:	70	Resp:	209431
Ion	Ratio	Lower	Upper
70	100		
42	62.9	46.5	69.7
101	10.0	7.6	11.4
130	21.6	17.3	25.9



#20
3+4-Methylphenols
Concen: 47.615 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion:	107	Resp:	304865
Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.1	109.1
77	32.9	12.5	52.5
79	28.7	8.4	48.4

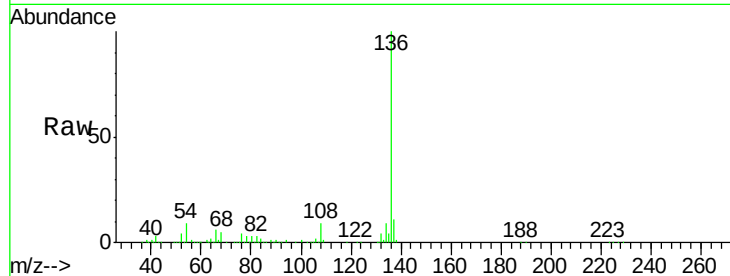




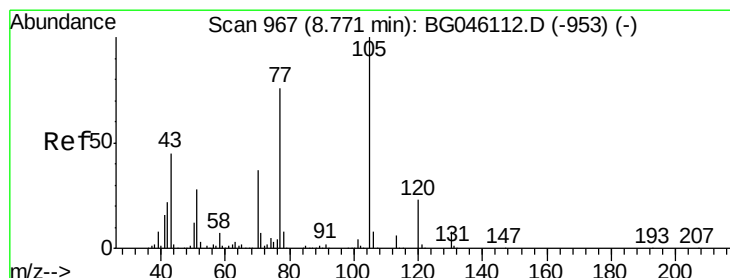
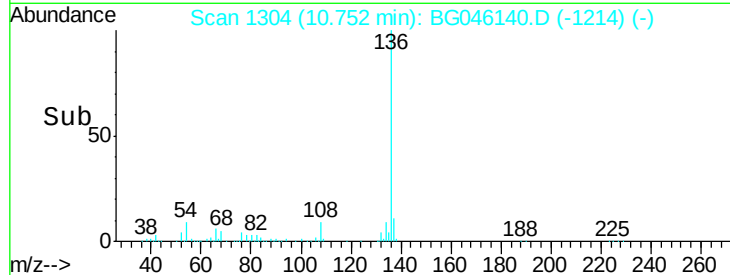
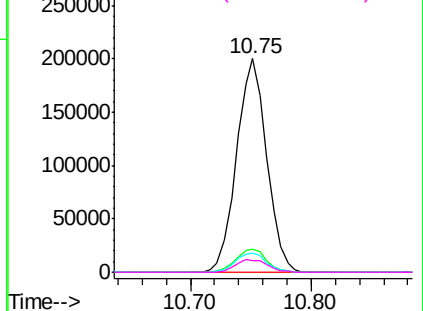
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion:136	Resp:	346842
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	9.1	7.0 10.4
68	5.3	5.3 7.9

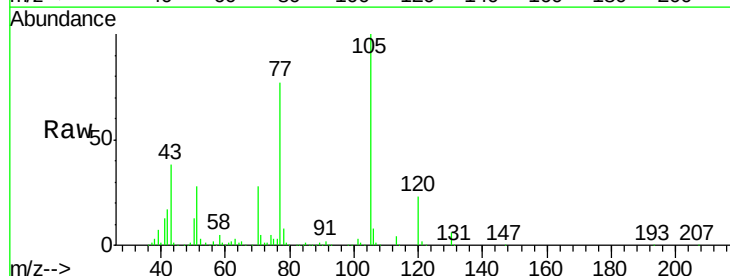


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

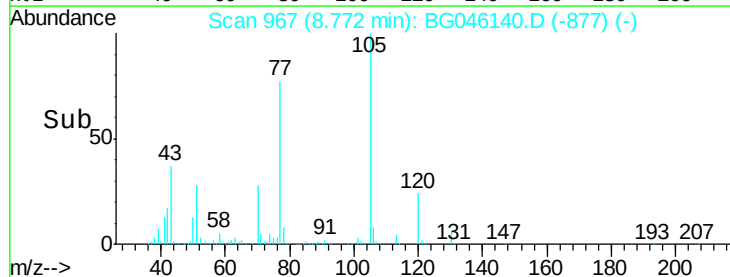
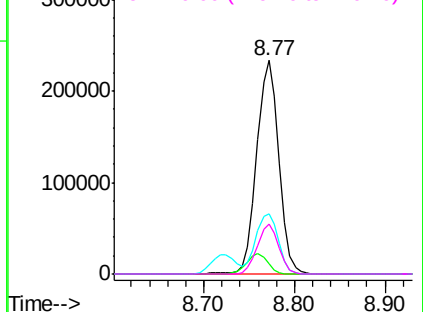


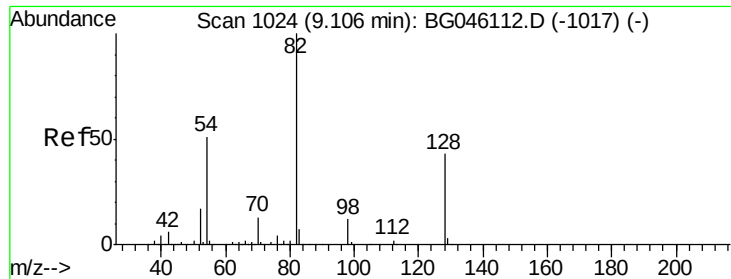
#22
Acetophenone
Concen: 44.279 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion:105	Resp:	394134
Ion Ratio	Lower	Upper
105	100	
71	4.7	5.3 7.9#
51	28.4	22.7 34.1
120	23.5	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

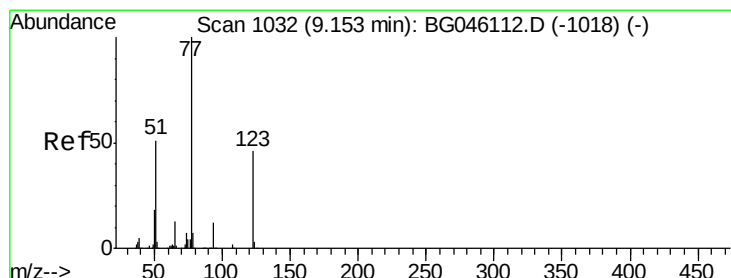
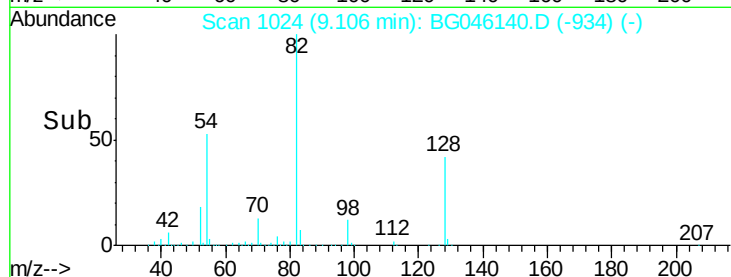
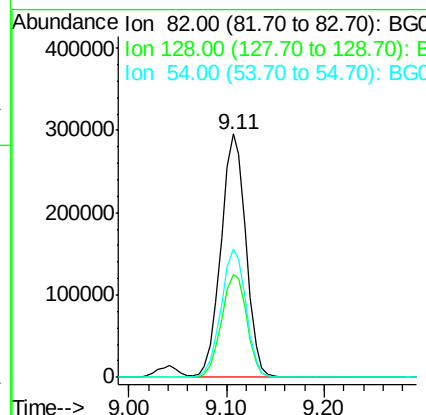
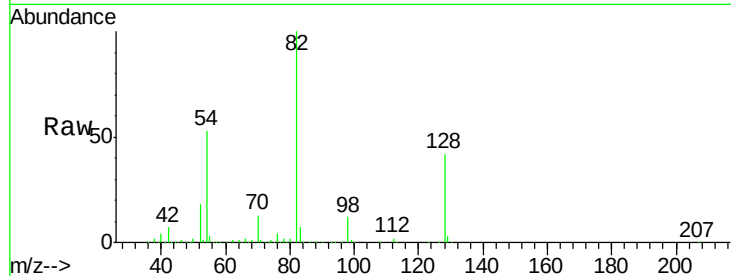




#23
 Nitrobenzene-d5
 Concen: 81.352 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

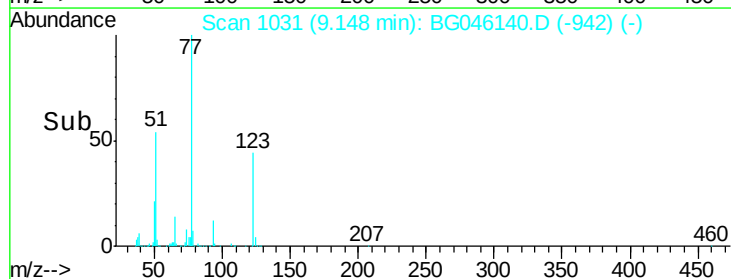
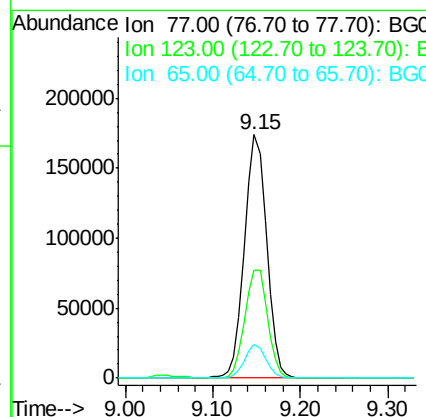
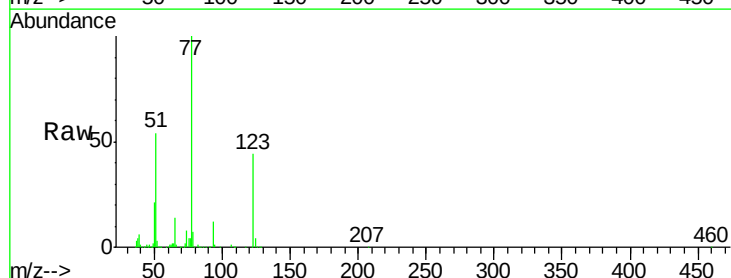
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

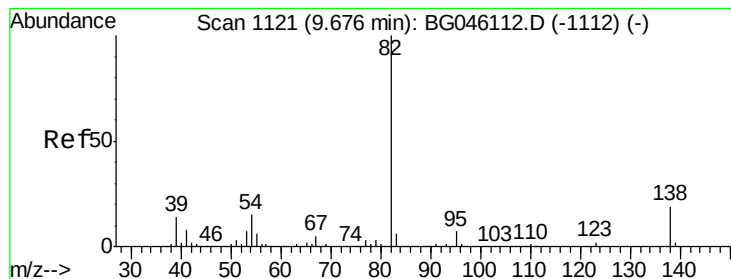
Tot Ion	82	Resp	521149
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.4	51.6
54	52.9	40.8	61.2



#24
 Nitrobenzene
 Concen: 43.485 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	77	Resp	297002
Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.8	55.2
65	13.6	10.2	15.2





#25

Isophorone

Concen: 44.258 ng

RT: 9.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

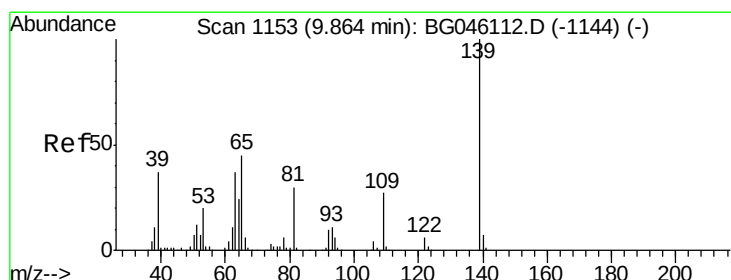
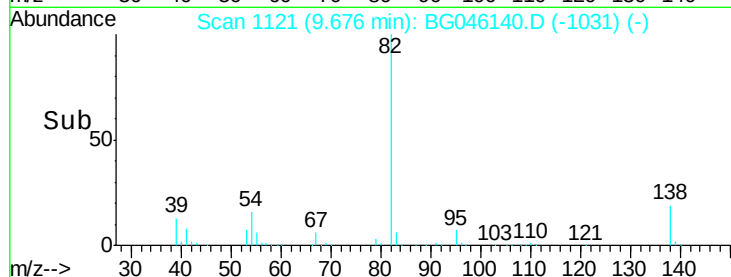
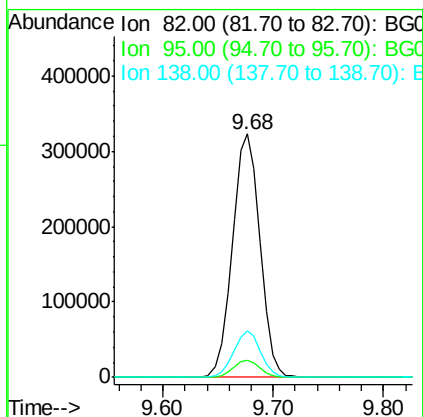
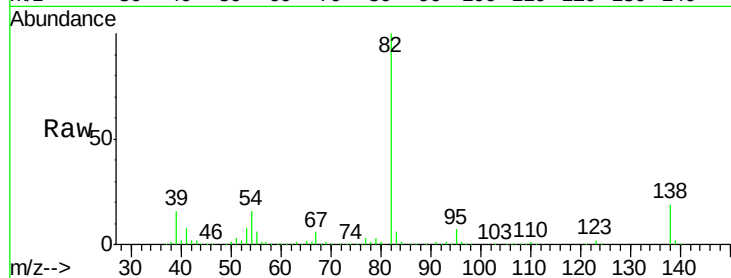
Tot Ion: 82 Resp: 564150

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 19.1 15.3 22.9



#26

2-Nitrophenol

Concen: 47.990 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

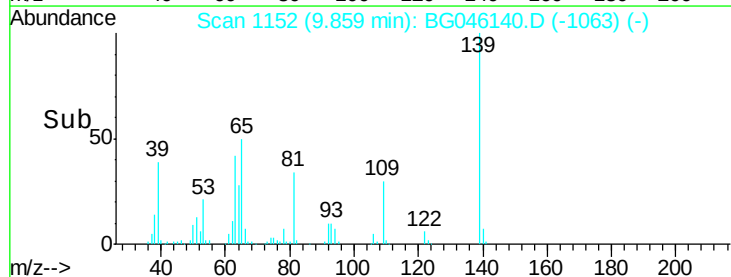
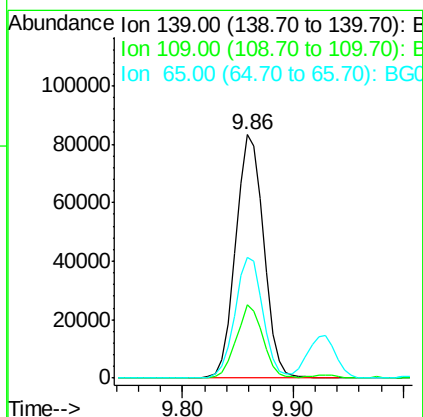
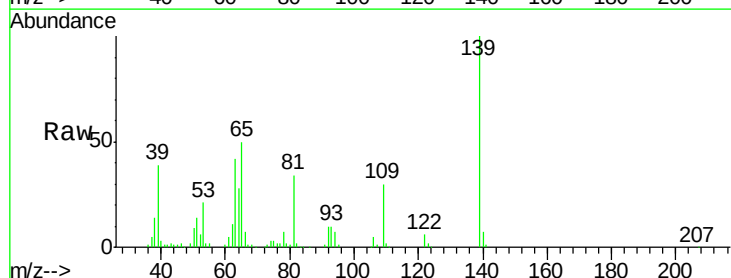
Tgt Ion: 139 Resp: 148551

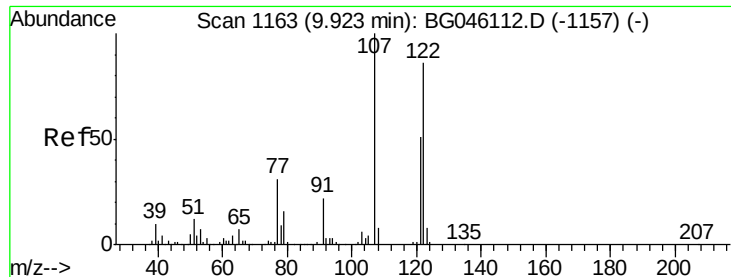
Ion Ratio Lower Upper

139 100

109 30.3 21.8 32.8

65 49.6 36.2 54.2

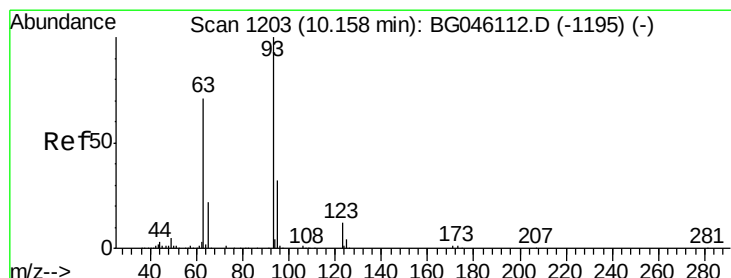
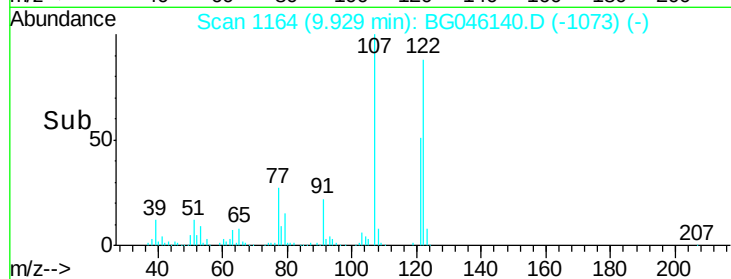
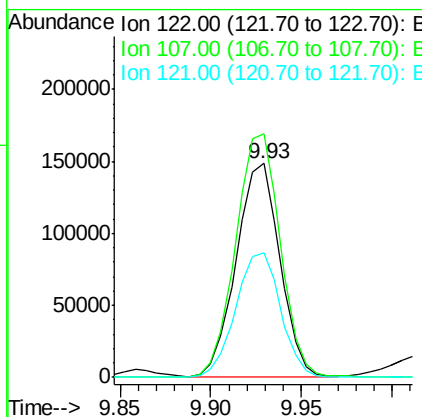
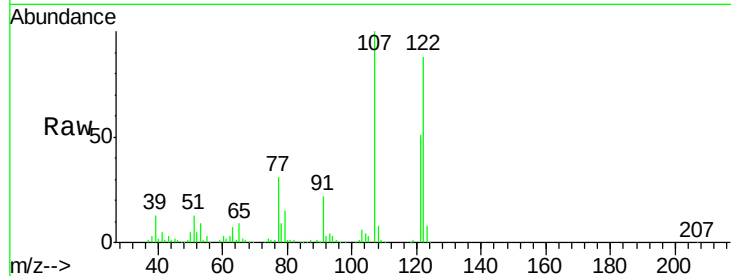




#27
 2,4-Dimethylphenol
 Concen: 49.291 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

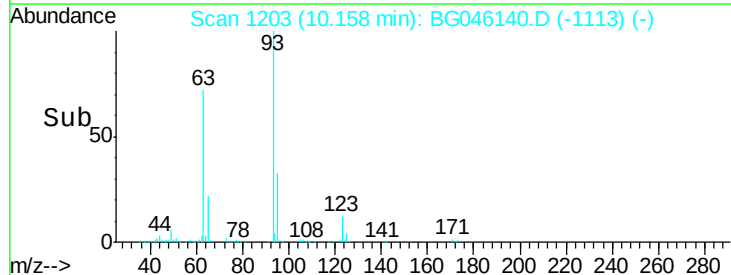
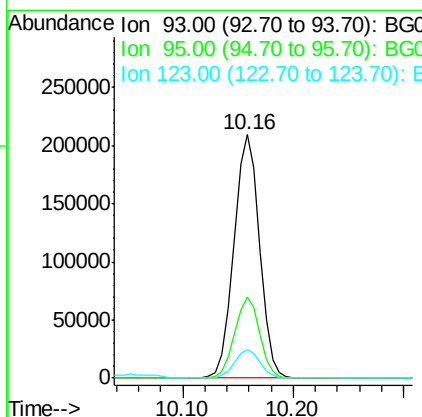
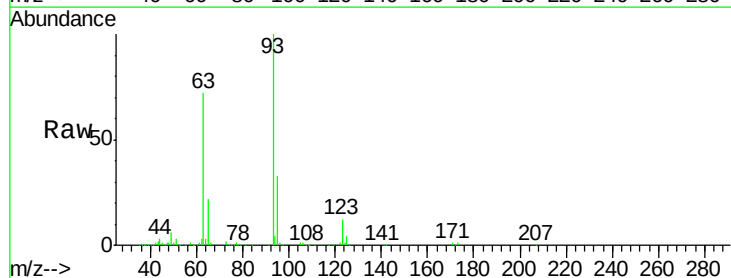
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

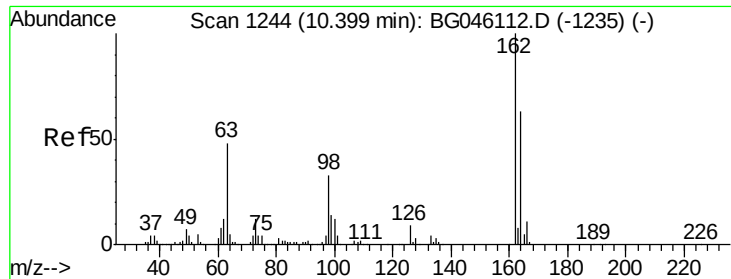
Tot Ion:122 Resp: 248238
 Ion Ratio Lower Upper
 122 100
 107 113.8 92.4 138.6
 121 58.2 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.142 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion: 93 Resp: 340605
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.0 39.0
 123 11.7 9.7 14.5

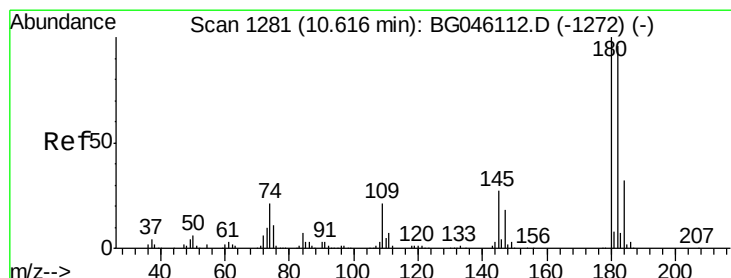
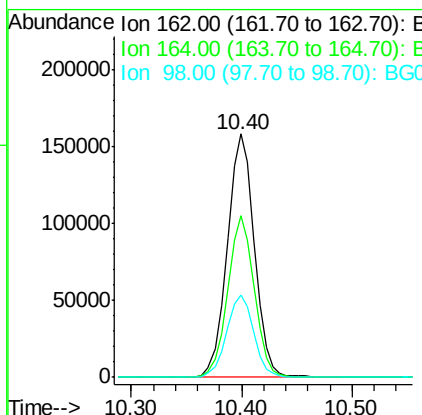
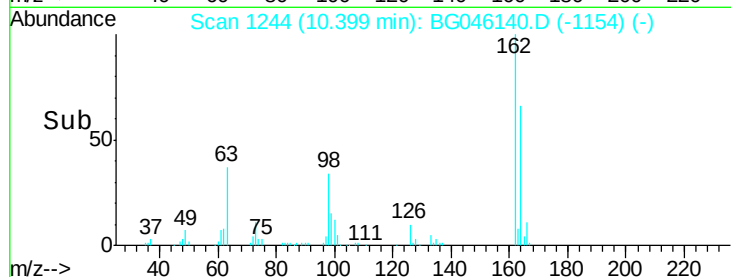
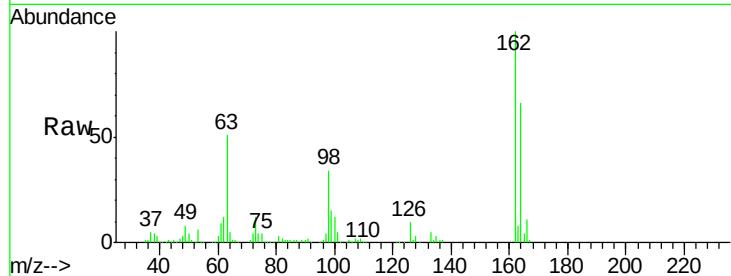




#29
 2,4-Dichlorophenol
 Concen: 45.826 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

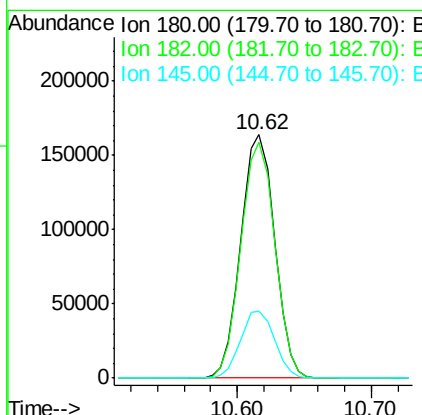
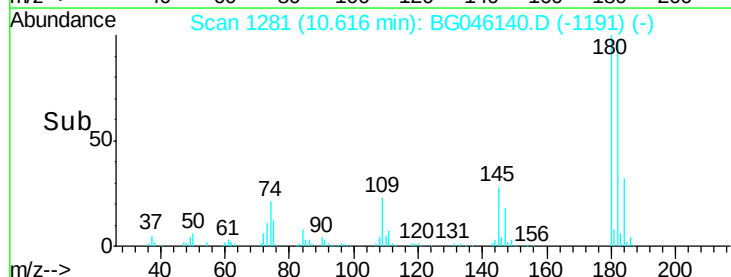
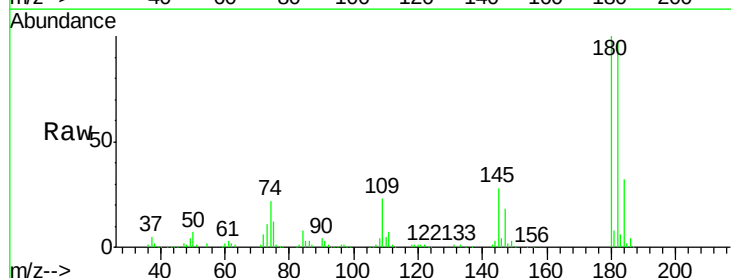
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

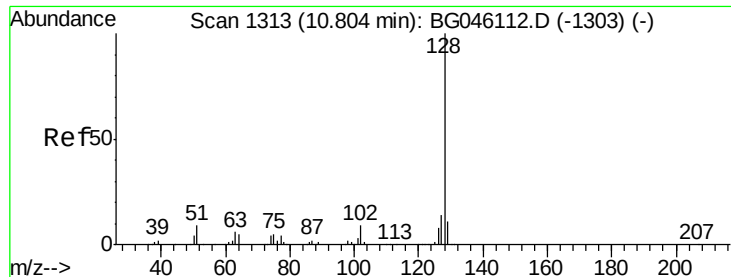
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	43.3	83.3
98	34.0	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.494 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.7	115.1
145	27.7	21.8	32.8

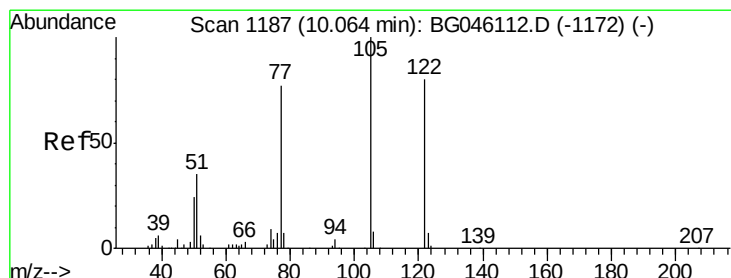
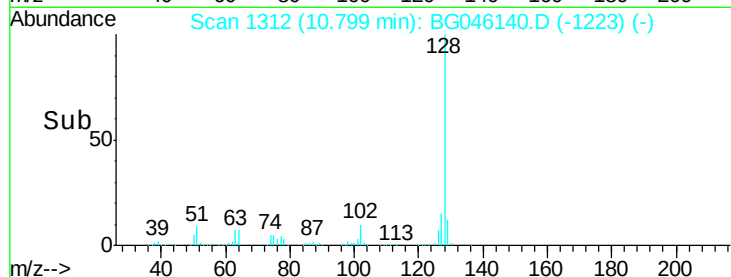
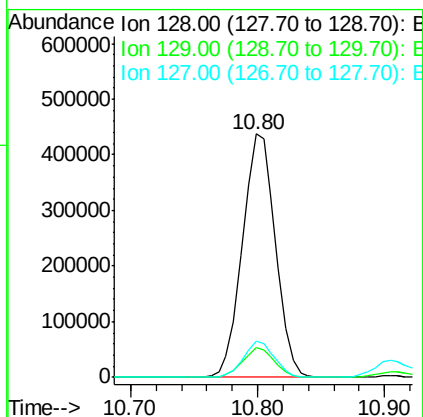
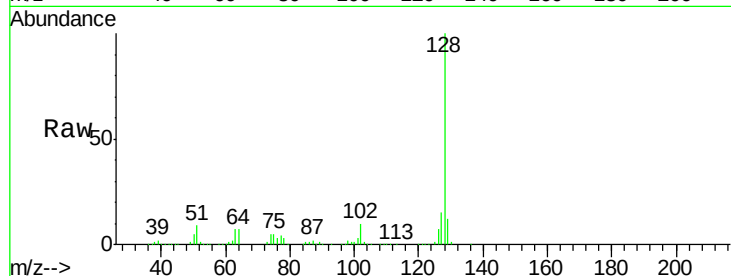




#31
Naphthalene
Concen: 43.038 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

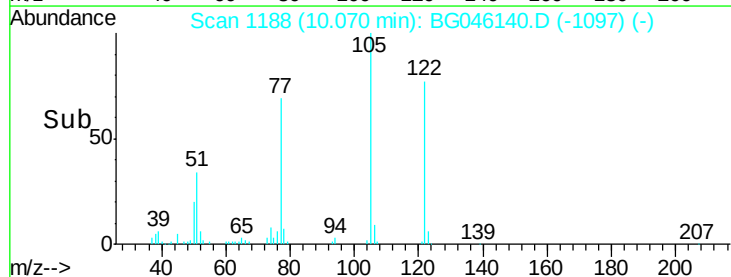
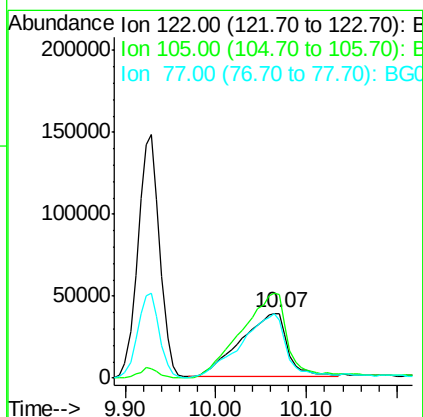
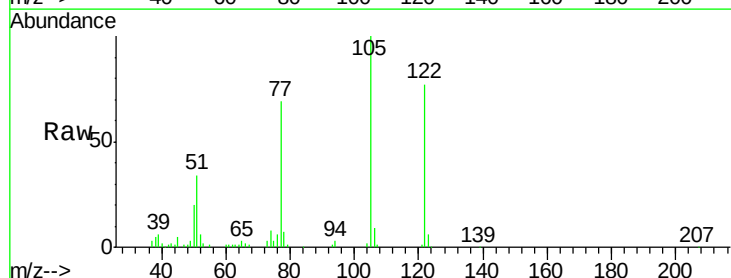
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

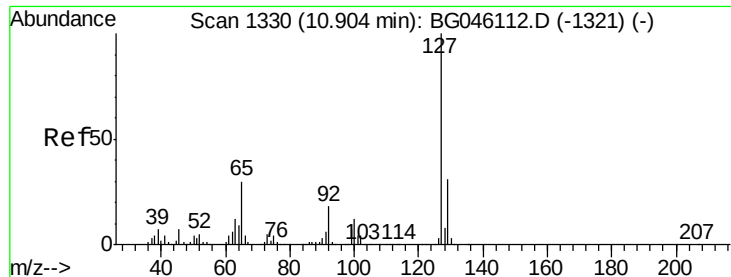
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.7	11.3	16.9



#32
Benzoic acid
Concen: 39.996 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.4	103.0	143.0
77	89.0	75.2	115.2

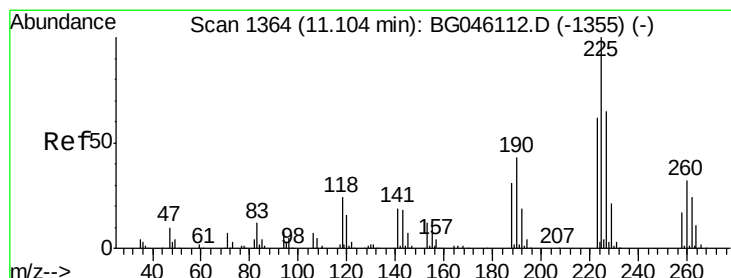
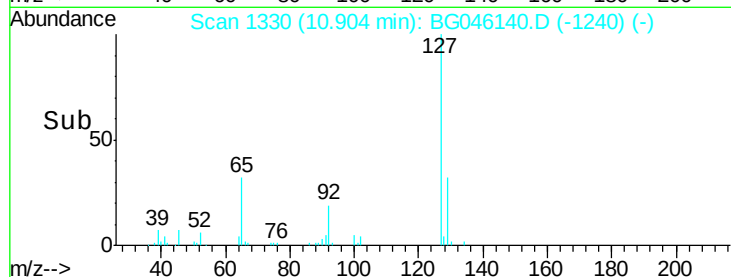
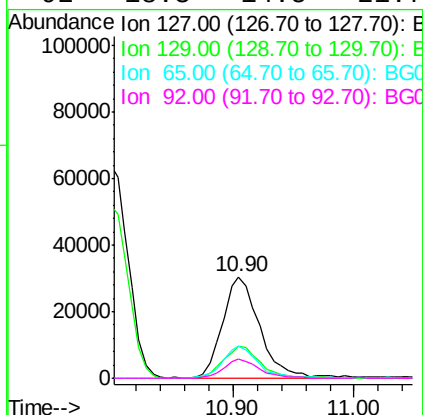
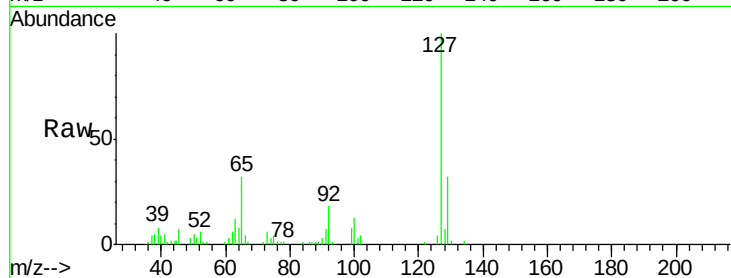




#33
4-Chloroaniline
Concen: 8.638 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

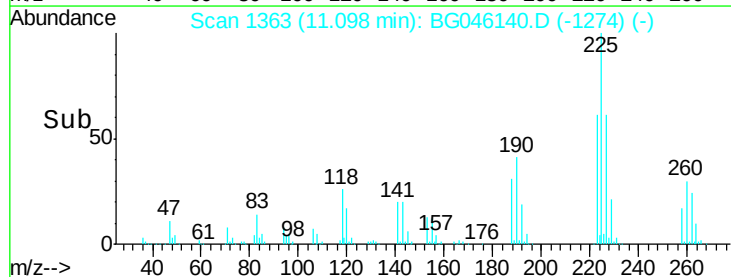
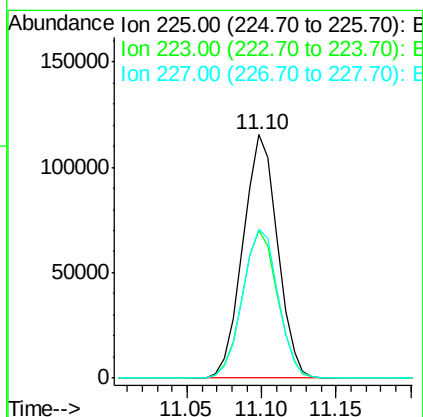
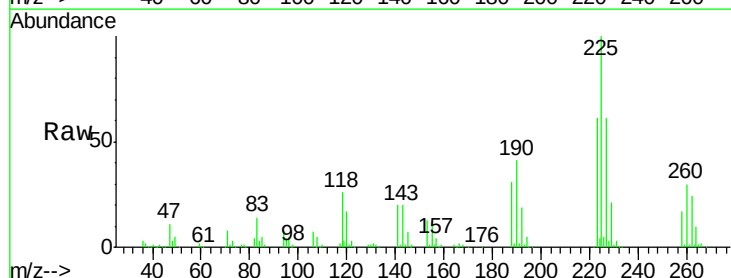
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

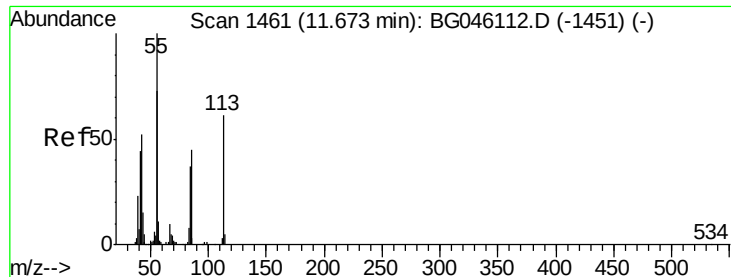
Tot Ion:	127	Resp:	64780
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.2	37.8
65	32.0	24.2	36.2
92	18.3	14.5	21.7



#34
Hexachlorobutadiene
Concen: 39.963 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion:	225	Resp:	184624
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.8	74.6
227	60.9	51.9	77.9





#35

Caprolactam

Concen: 19.843 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

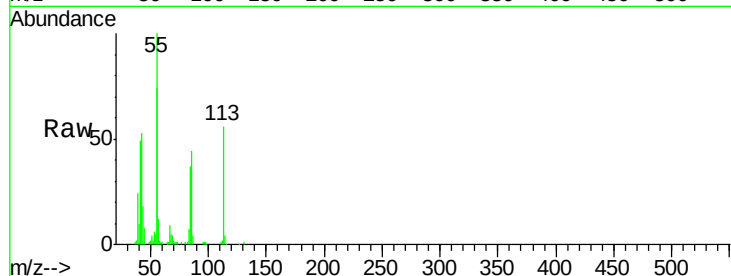
Tot Ion:113 Resp: 38476

Ion Ratio Lower Upper

113 100

55 178.1 144.7 184.7

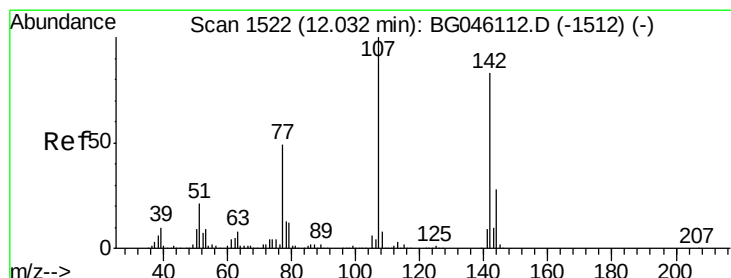
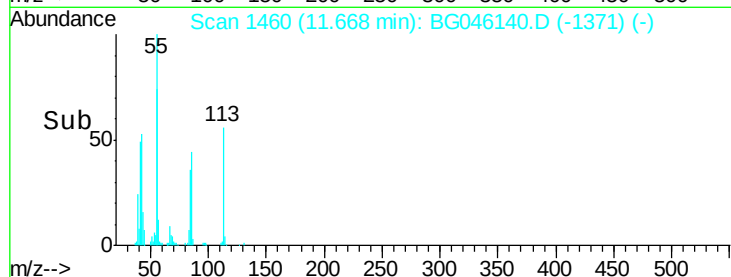
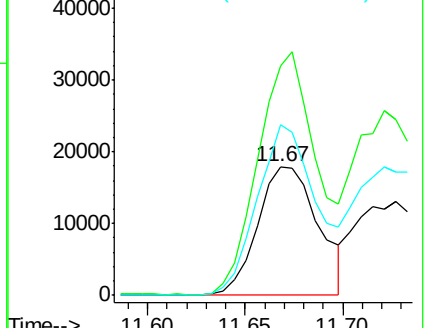
56 132.3 99.4 139.4



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: 48.508 ng

RT: 12.03 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

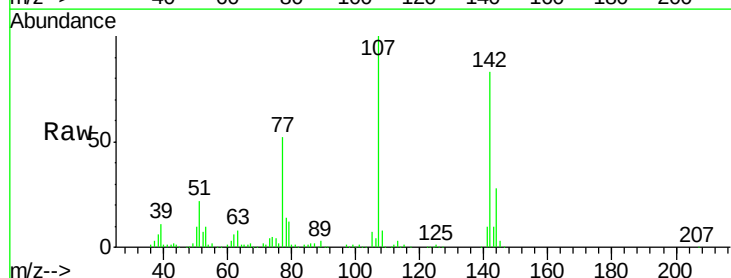
Tgt Ion:107 Resp: 282007

Ion Ratio Lower Upper

107 100

144 28.3 22.4 33.6

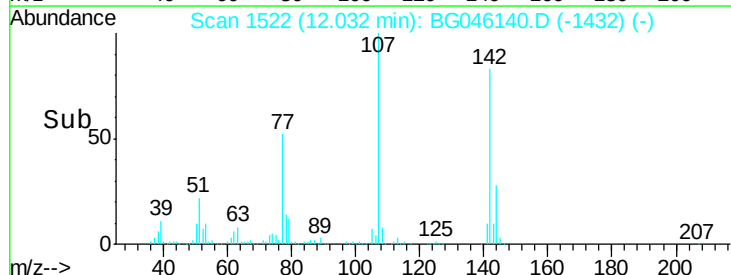
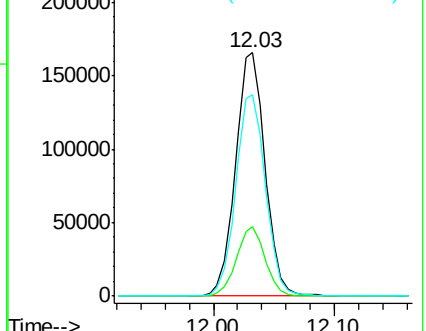
142 82.6 66.6 100.0

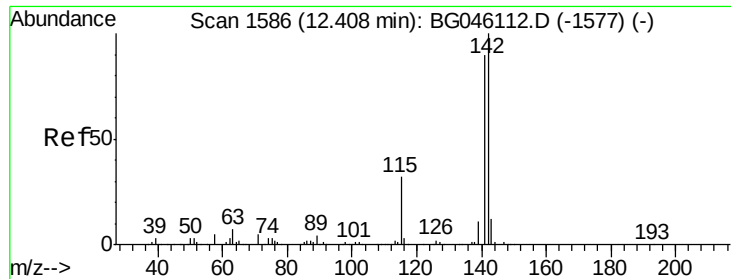


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

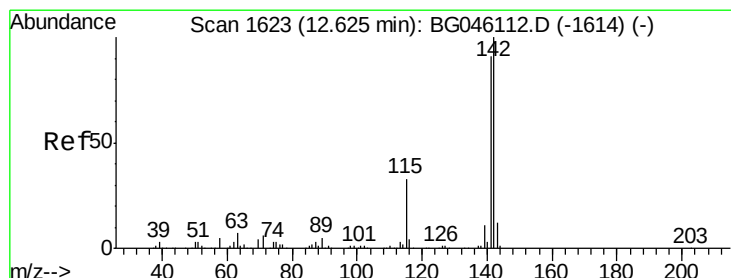
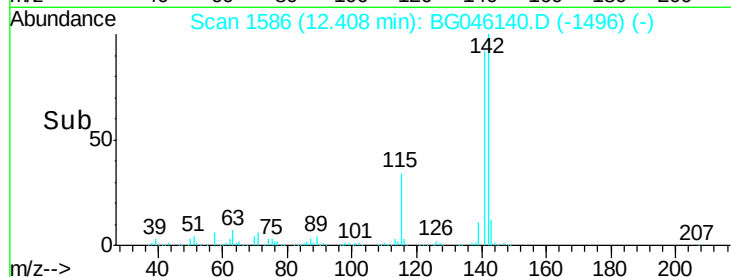
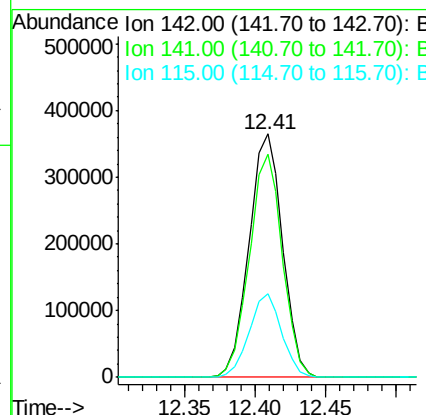
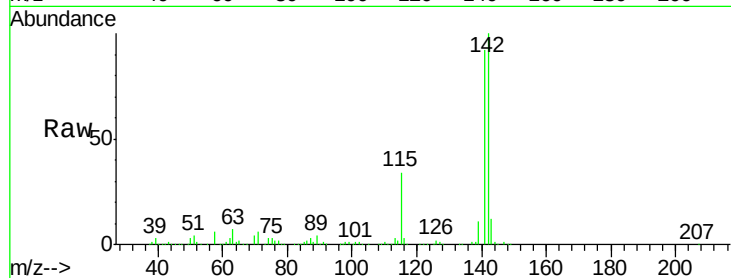




#37
 2-Methylnaphthalene
 Concen: 42.999 ng
 RT: 12.41 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

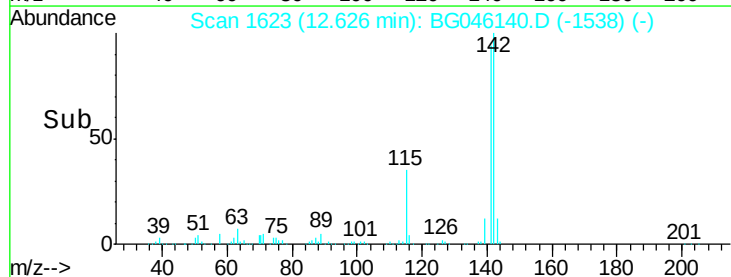
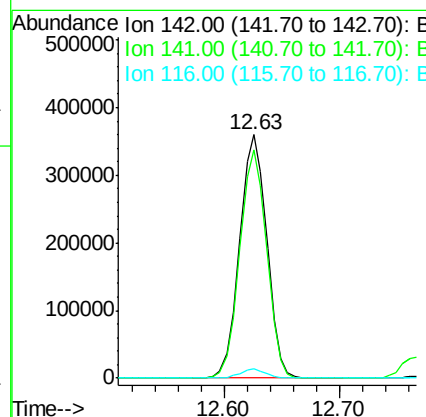
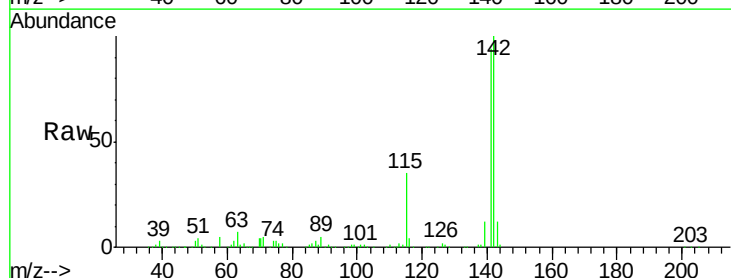
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

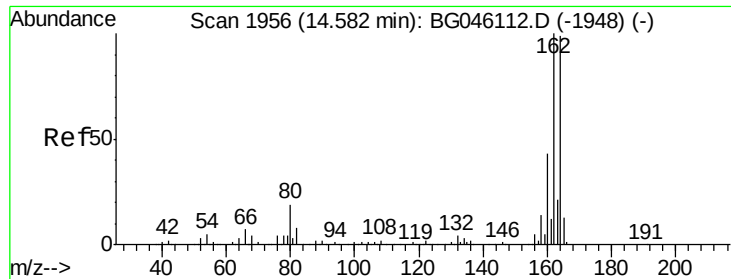
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.7	107.5
115	34.4	25.8	38.8



#38
 1-Methylnaphthalene
 Concen: 43.665 ng
 RT: 12.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.0	109.4
116	3.8	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: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

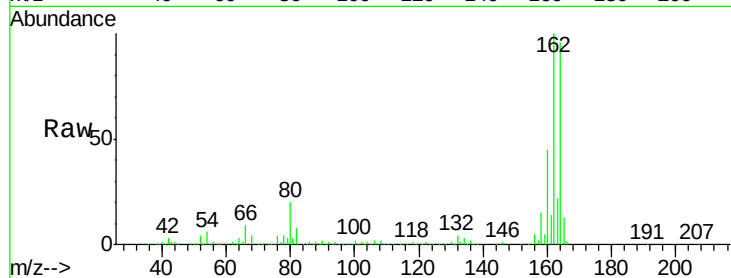
Tot Ion:164 Resp: 226634

Ion Ratio Lower Upper

164 100

162 104.7 80.6 121.0

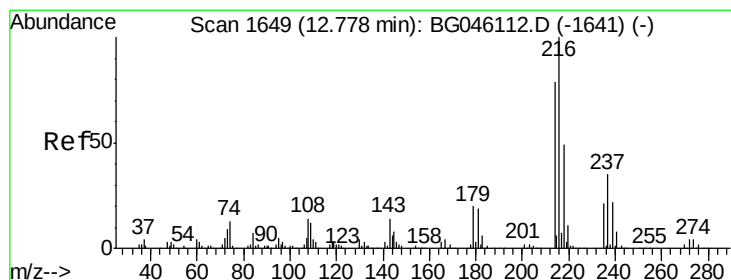
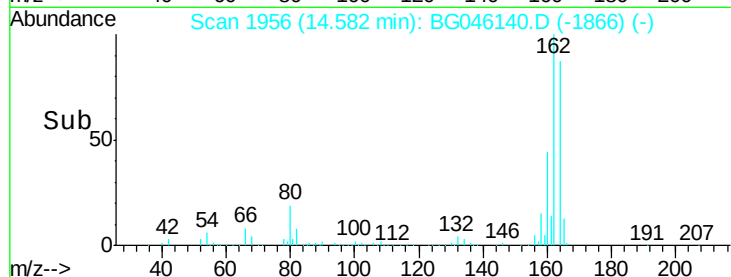
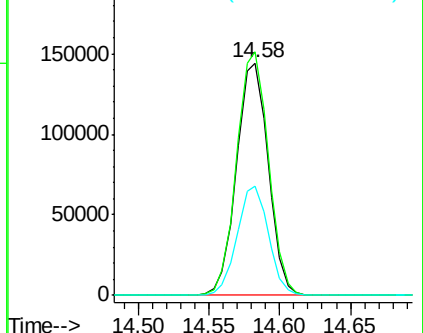
160 46.7 34.9 52.3



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: 41.672 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:216 Resp: 340281

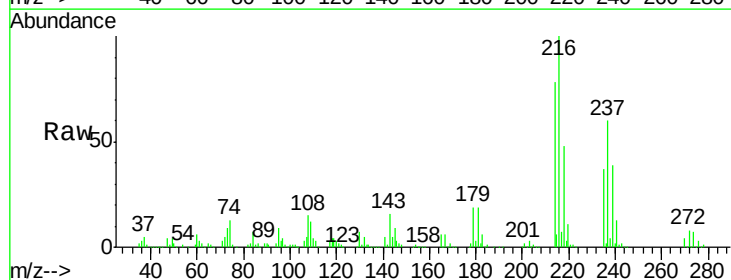
Ion Ratio Lower Upper

216 100

214 77.8 62.7 94.1

179 19.4 15.0 22.6

108 17.4 11.6 17.4#

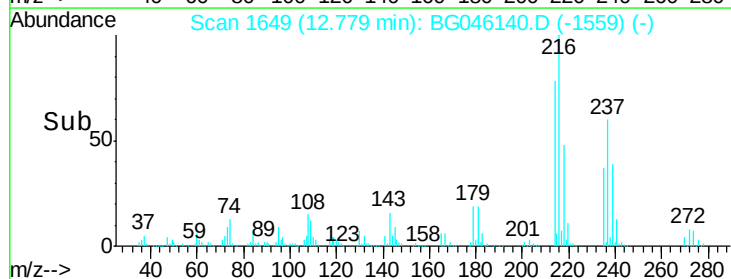
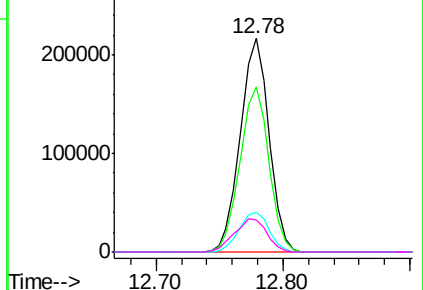


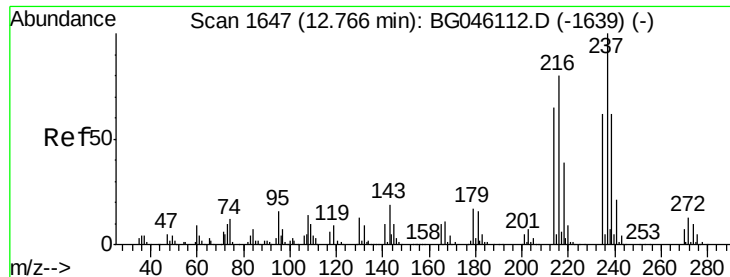
Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.750 ng

RT: 12.77 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

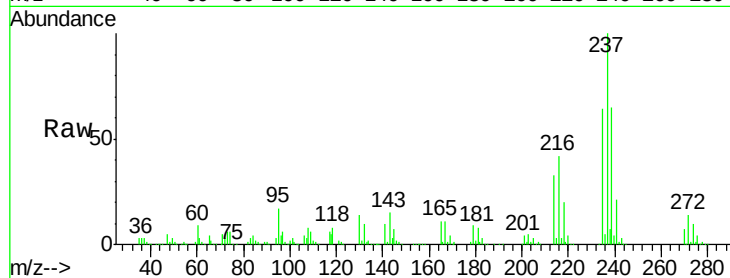
Tot Ion:237 Resp: 448468

Ion Ratio Lower Upper

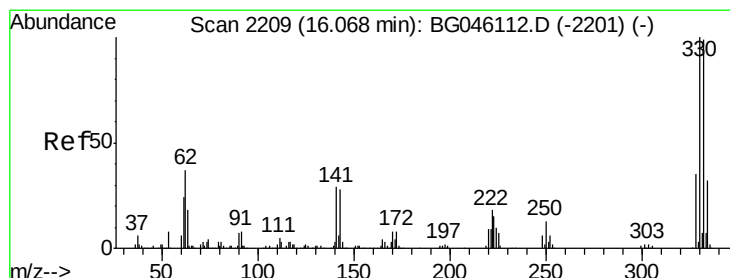
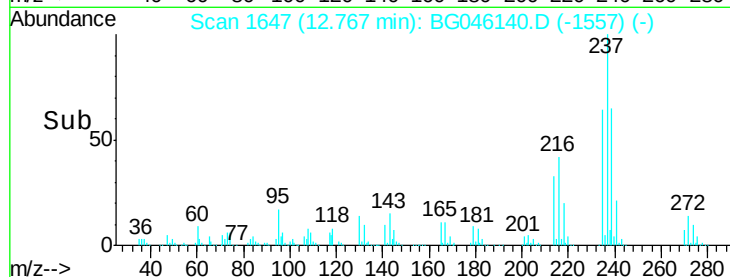
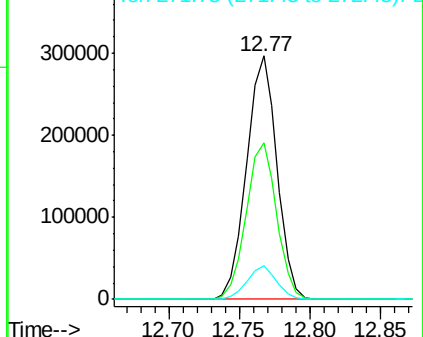
237 100

235 64.2 42.3 82.3

272 13.9 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: 119.105 ng

RT: 16.07 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

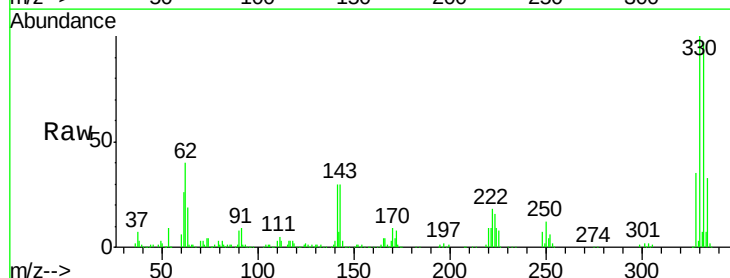
Tgt Ion:330 Resp: 414612

Ion Ratio Lower Upper

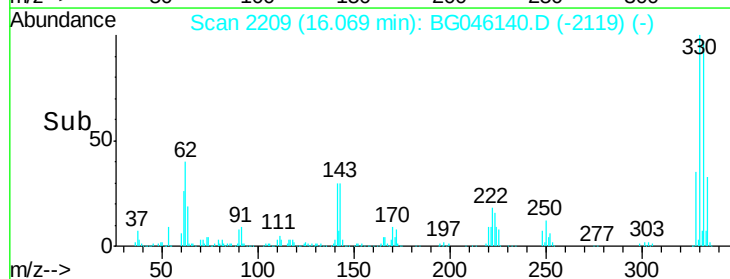
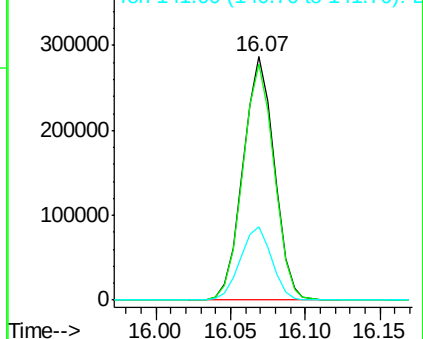
330 100

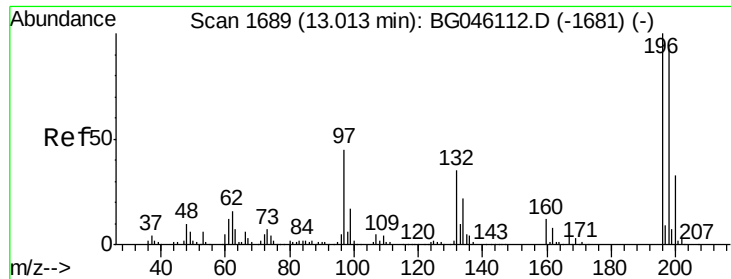
332 97.2 77.4 116.2

141 30.5 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

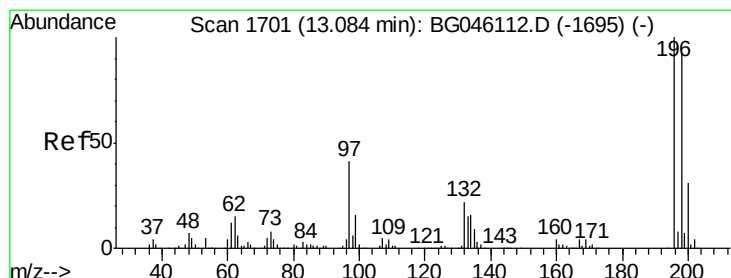
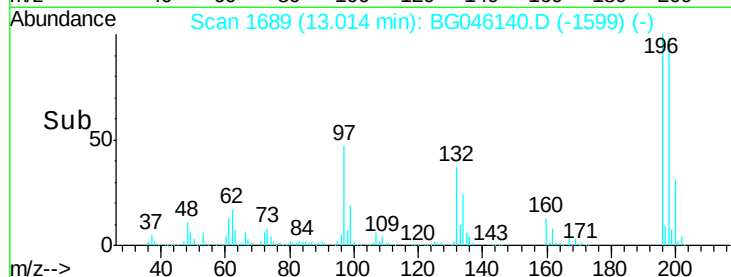
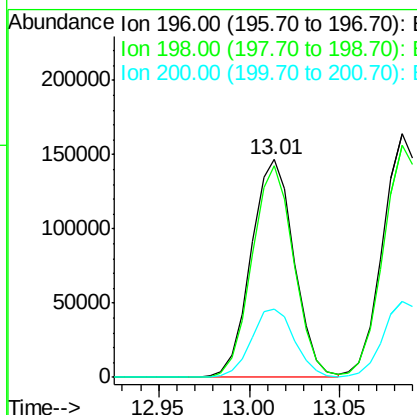
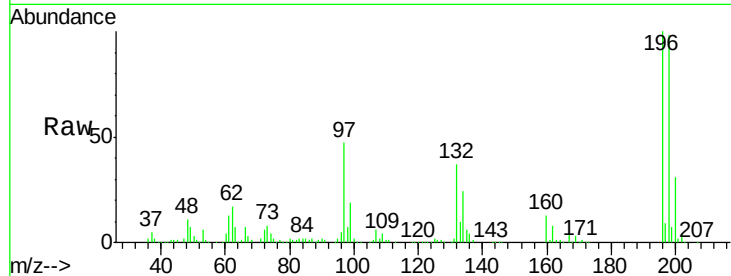




#43
 2,4,6-Trichlorophenol
 Concen: 46.610 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

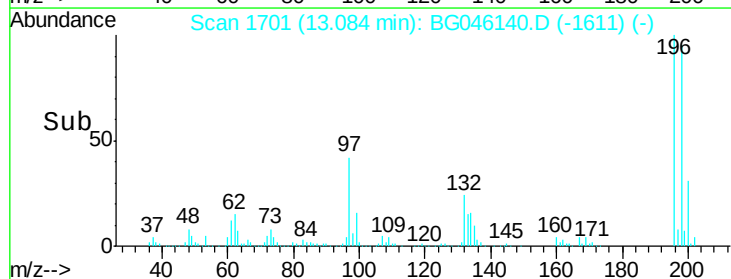
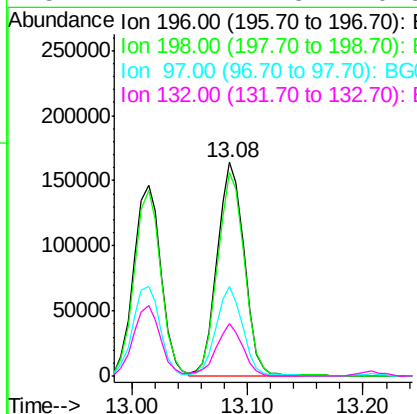
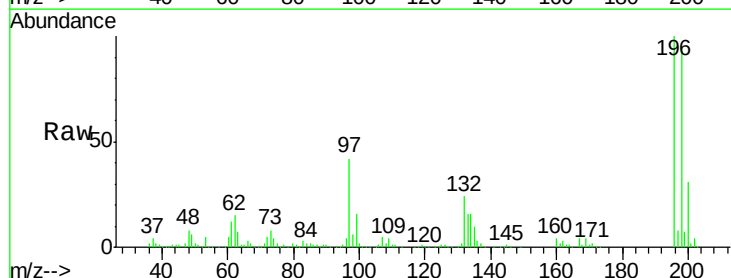
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

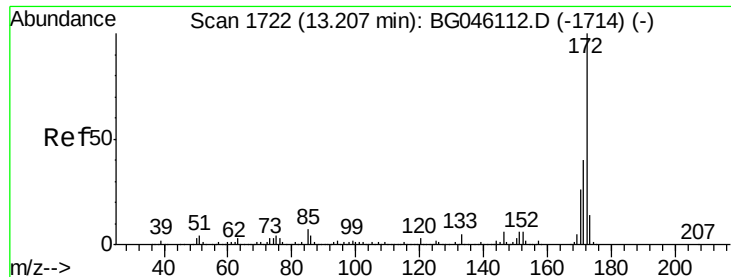
Tot Ion:196 Resp: 242822
 Ion Ratio Lower Upper
 196 100
 198 97.5 74.2 111.4
 200 31.5 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 46.699 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion:196 Resp: 265452
 Ion Ratio Lower Upper
 196 100
 198 95.2 73.9 110.9
 97 42.0 32.7 49.1
 132 24.4 17.8 26.8

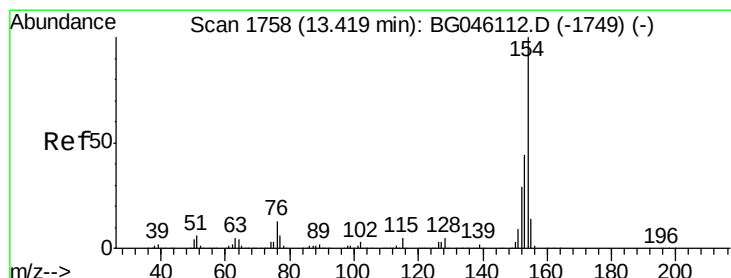
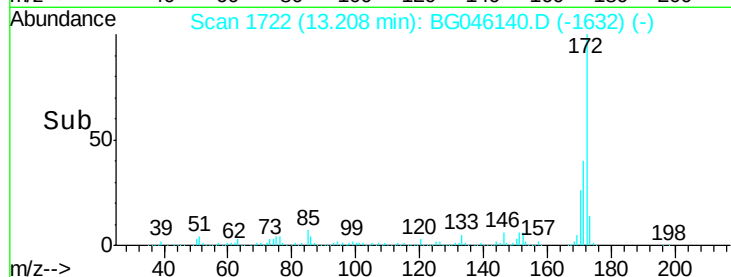
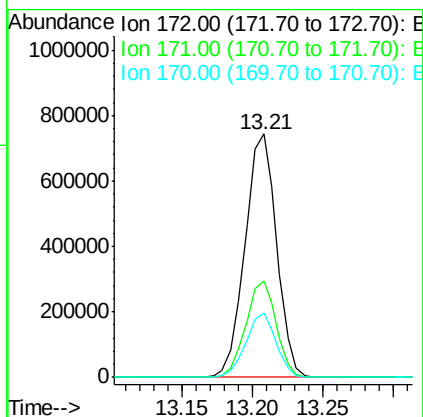
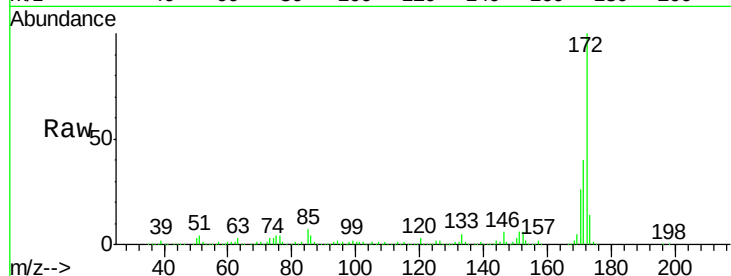




#45
2-Fluorobiphenyl
Concen: 74.558 ng
RT: 13.21 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

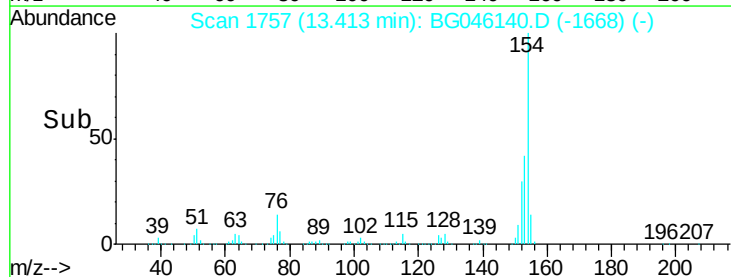
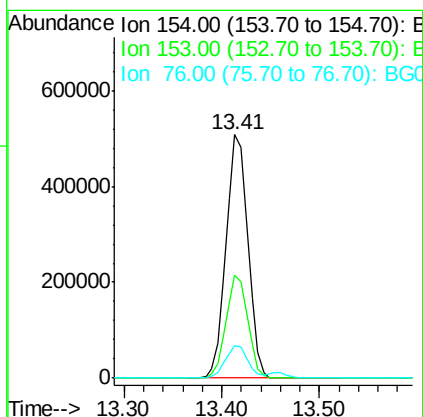
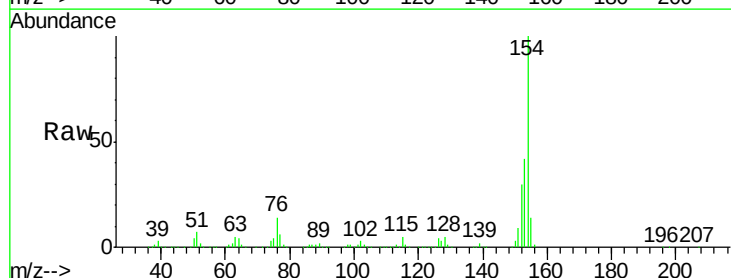
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

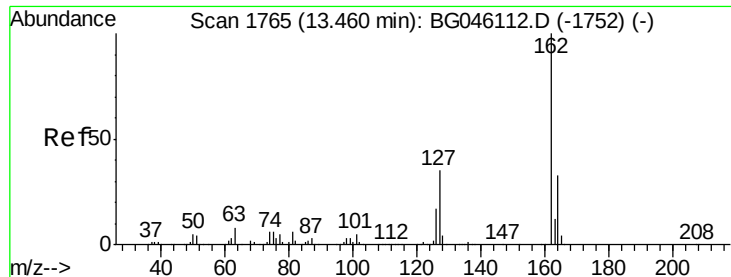
Tot Ion:172 Resp: 1163230
Ion Ratio Lower Upper
172 100
171 39.6 31.7 47.5
170 26.3 20.9 31.3



#46
1,1'-Biphenyl
Concen: 44.306 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion:154 Resp: 787694
Ion Ratio Lower Upper
154 100
153 42.0 23.7 63.7
76 13.5 0.0 32.9

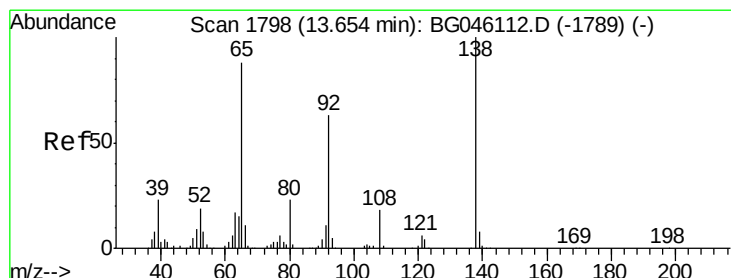
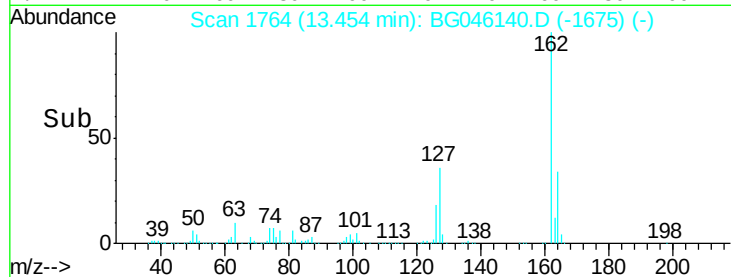
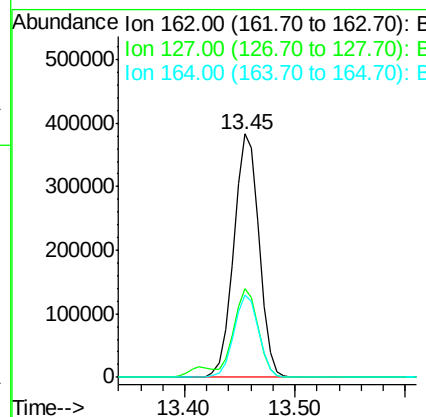
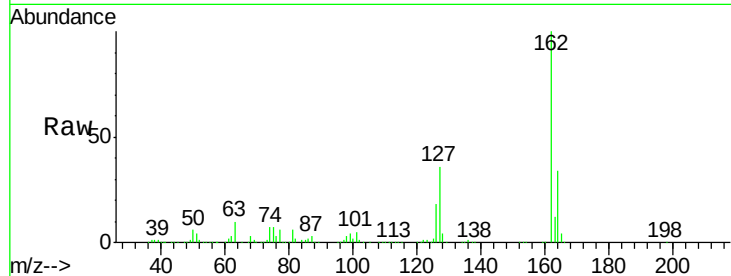




#47
 2-Chloronaphthalene
 Concen: 43.279 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

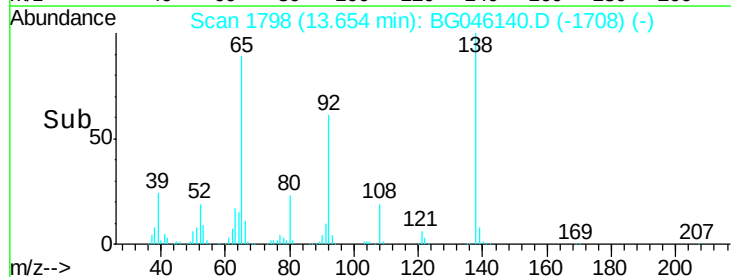
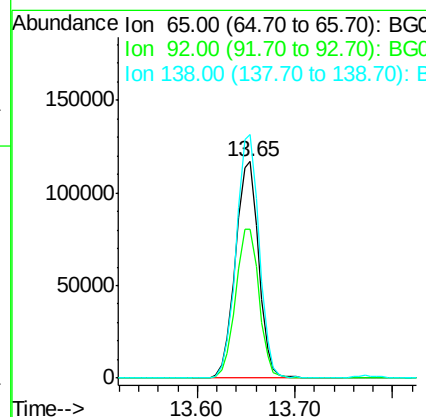
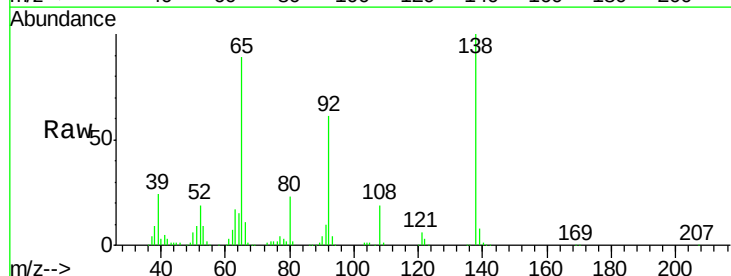
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

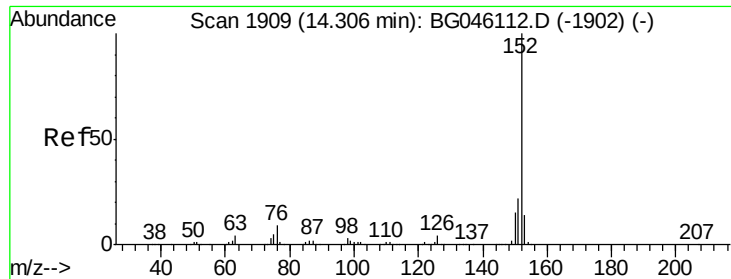
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	28.0	42.0
164	33.8	26.5	39.7



#48
 2-Nitroaniline
 Concen: 52.372 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	57.4	86.2
138	112.5	91.1	136.7





#49

Acenaphthylene

Concen: 45.239 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

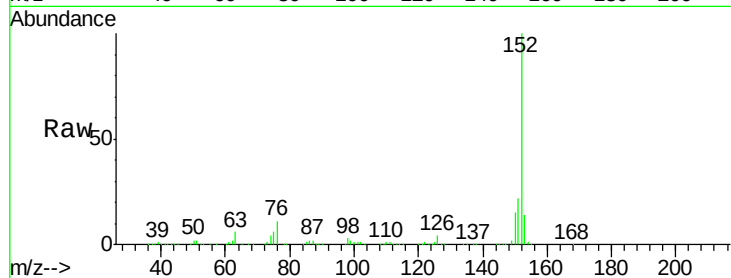
Tot Ion:152 Resp: 996218

Ion Ratio Lower Upper

152 100

151 21.9 17.4 26.2

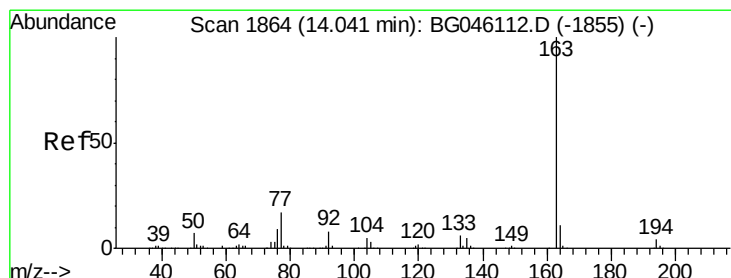
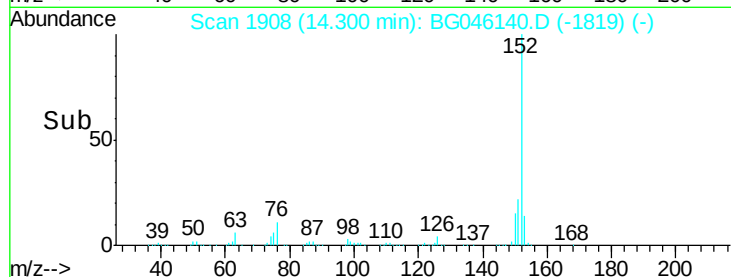
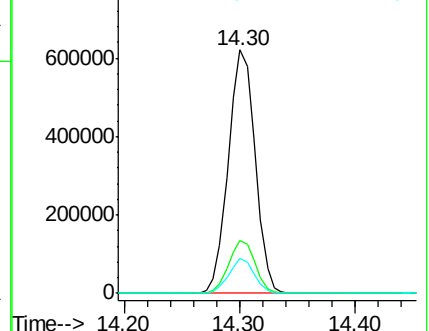
153 14.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.577 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

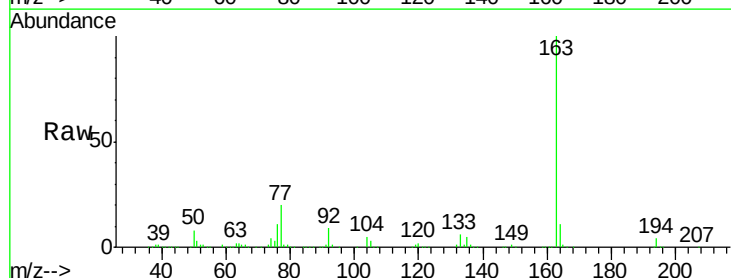
Tgt Ion:163 Resp: 827578

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

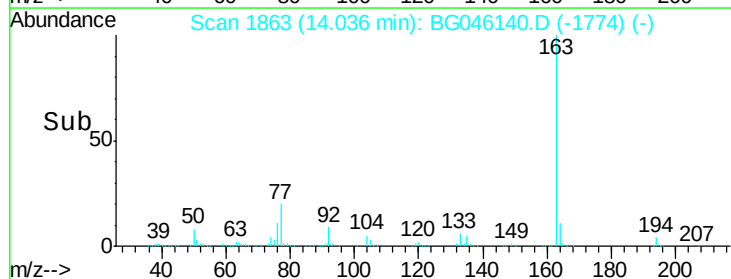
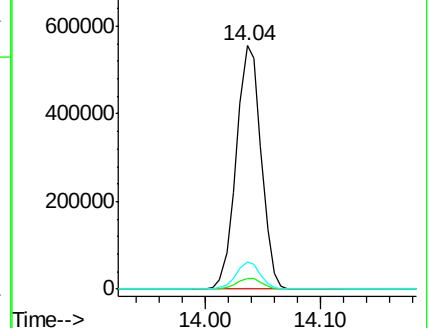
164 11.1 8.8 13.2

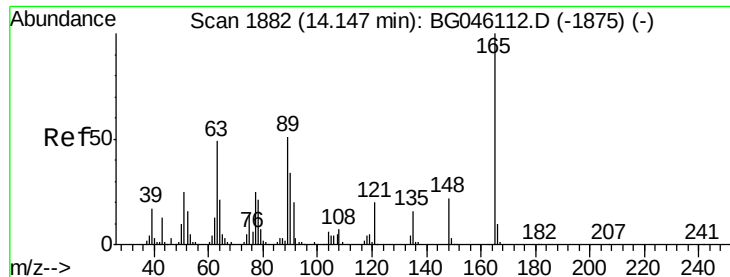


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.828 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

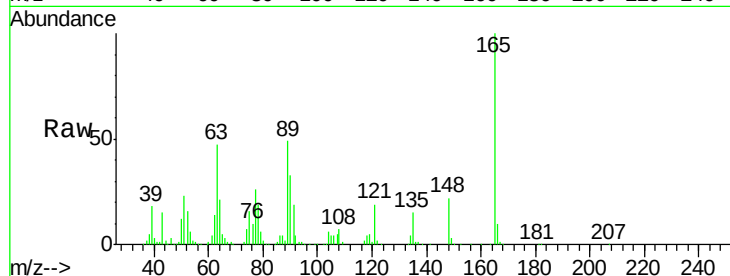
Tot Ion:165 Resp: 189570

Ion Ratio Lower Upper

165 100

63 47.3 39.7 59.5

89 48.8 41.0 61.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

14.15

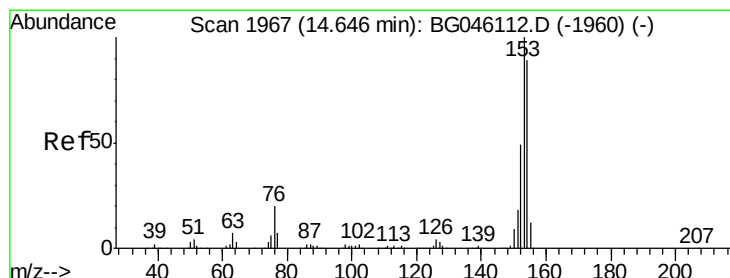
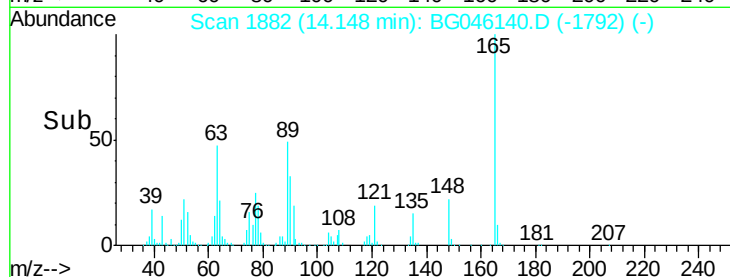
150000

100000

50000

0

Time--> 14.05 14.10 14.15 14.20



#52

Acenaphthene

Concen: 42.711 ng

RT: 14.65 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

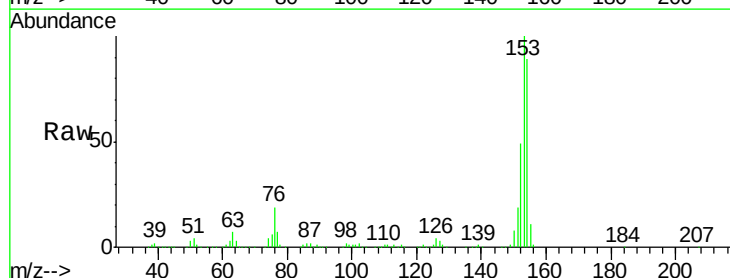
Tgt Ion:154 Resp: 620741

Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.8

152 54.9 44.5 66.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

600000

500000

400000

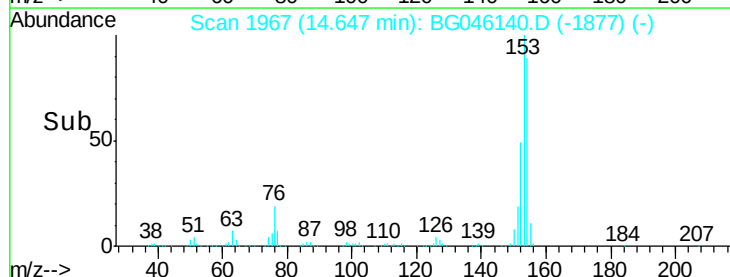
300000

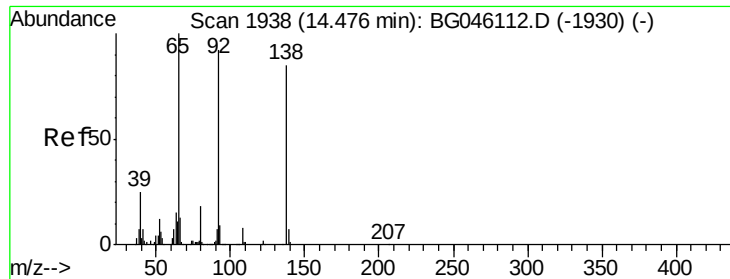
200000

100000

0

Time--> 14.60 14.65





#53

3-Nitroaniline

Concen: 29.441 ng

RT: 14.48 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

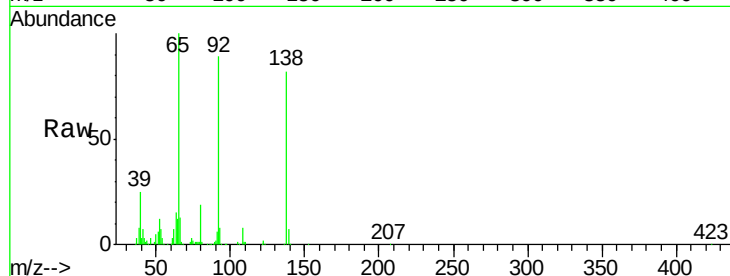
Tot Ion:138 Resp: 118159

Ion Ratio Lower Upper

138 100

108 9.2 7.2 10.8

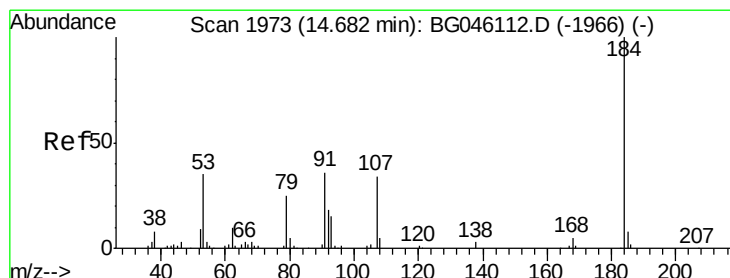
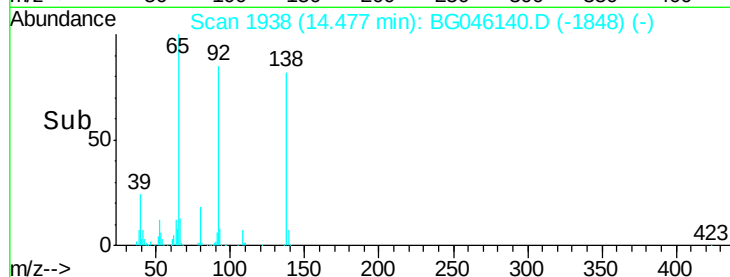
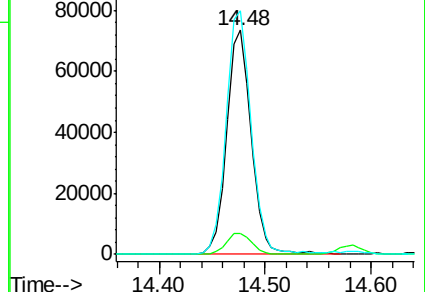
92 108.5 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 86.482 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

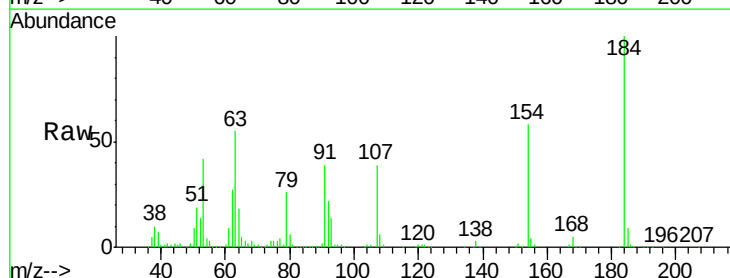
Tgt Ion:184 Resp: 223421

Ion Ratio Lower Upper

184 100

63 54.9 36.7 55.1

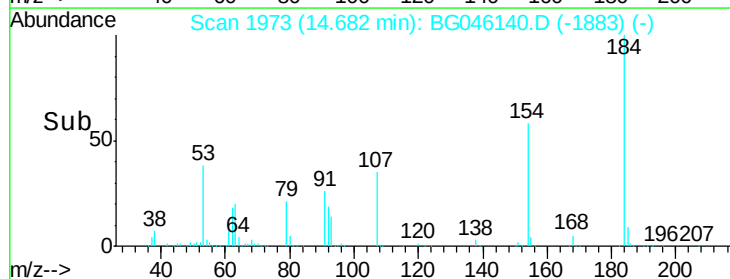
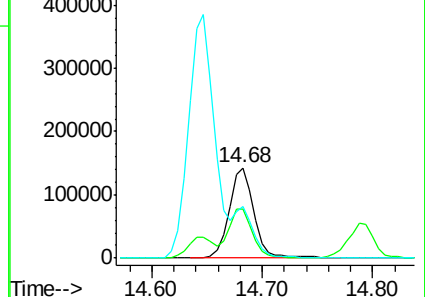
154 57.7 41.3 61.9

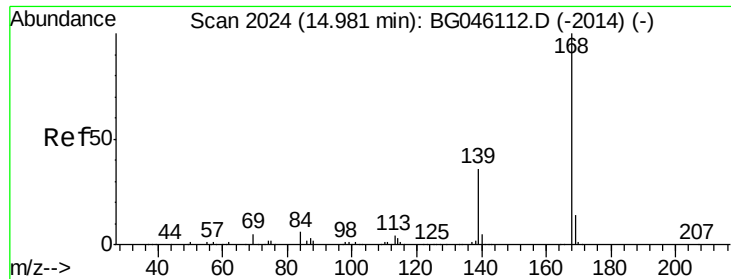


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

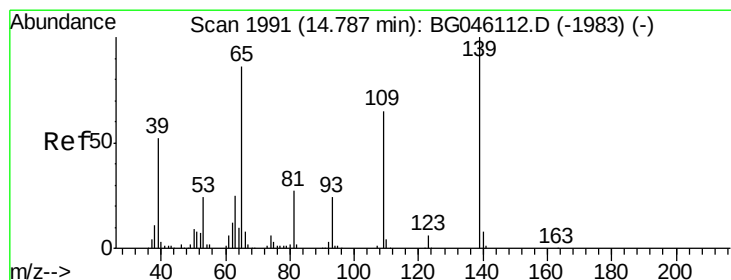
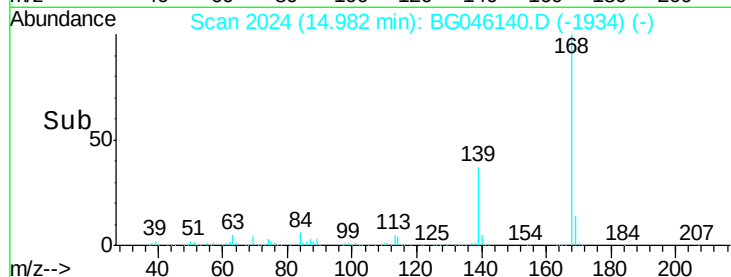
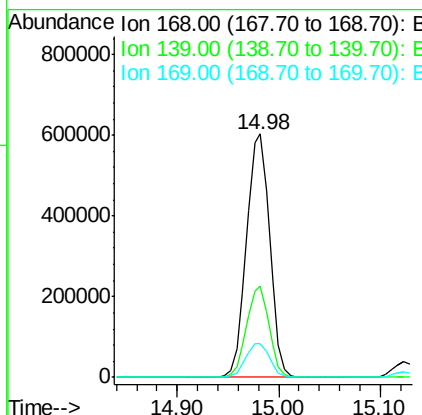
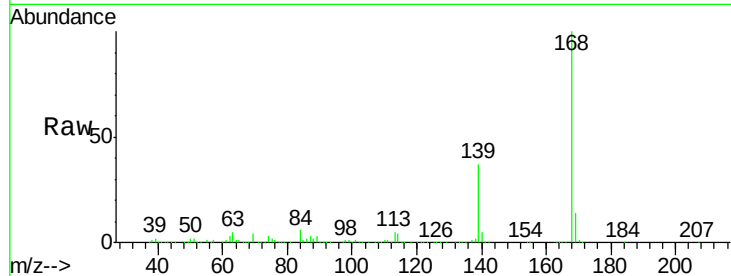




#55
Dibenzenofuran
Concen: 43.618 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

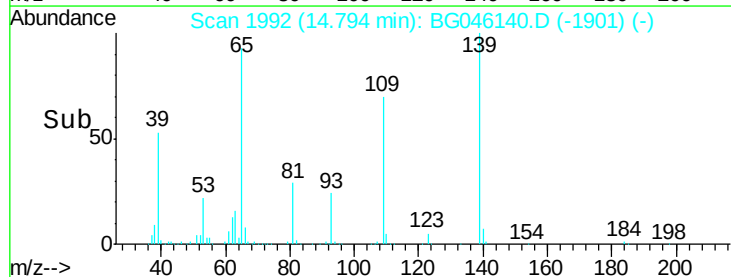
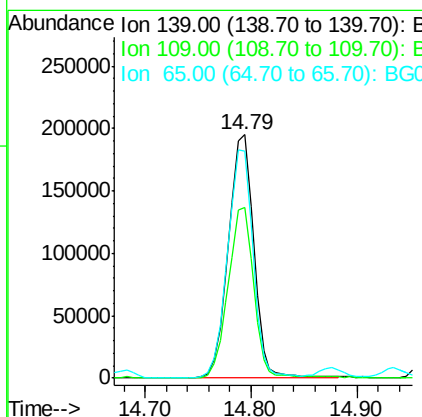
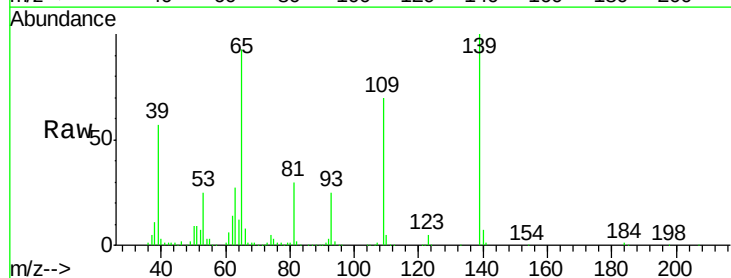
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

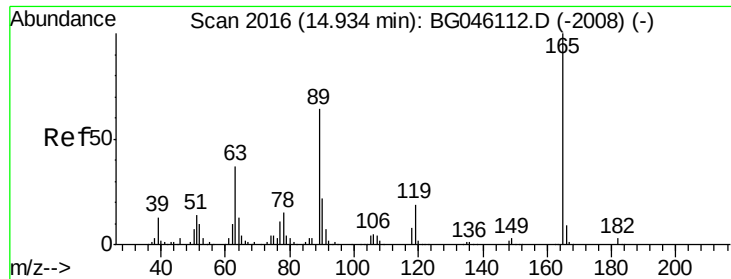
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.0	43.4
169	13.9	11.3	16.9



#56
4-Nitrophenol
Concen: 93.448 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	45.1	85.1
65	93.2	66.4	106.4

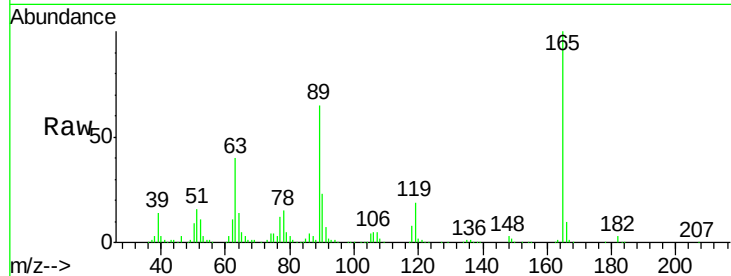




#57
 2,4-Dinitrotoluene
 Concen: 48.475 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion:165	Resp:	269811
Ion Ratio	Lower	Upper
165	100	
63	39.8	30.1 45.1
89	65.3	51.4 77.2
182	3.1	2.3 3.5

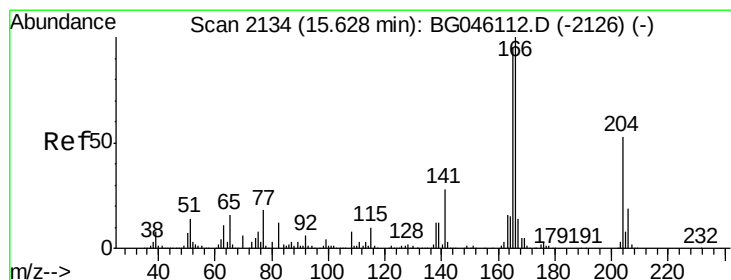
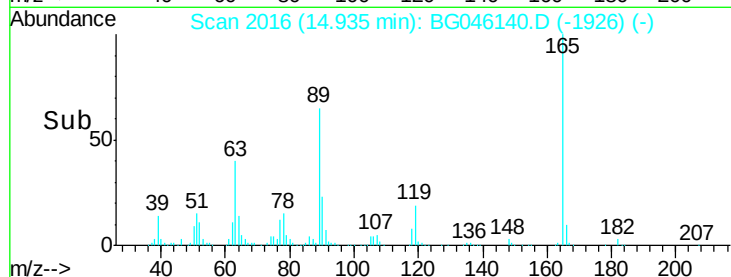
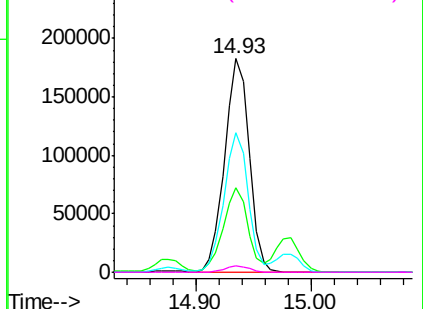


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

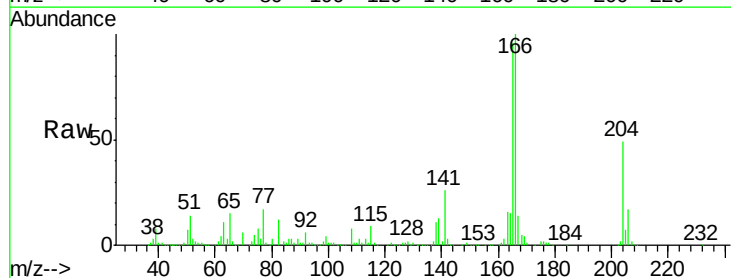
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 44.482 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

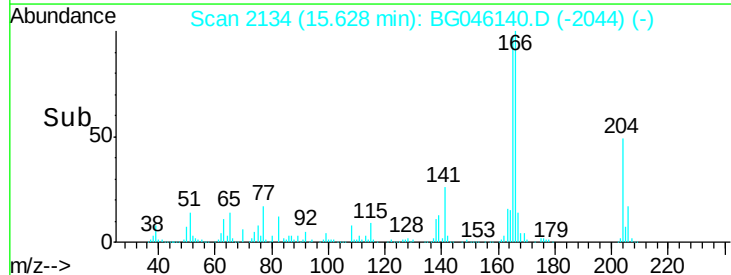
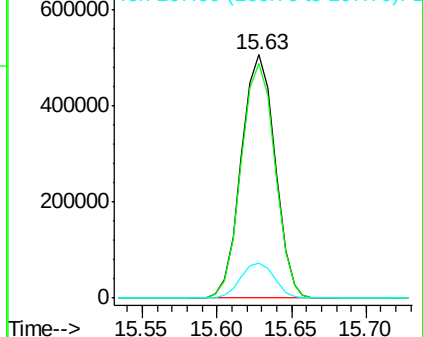
Tgt Ion:166	Resp:	789999
Ion Ratio	Lower	Upper
166	100	
165	96.4	76.3 114.5
167	14.3	11.0 16.6

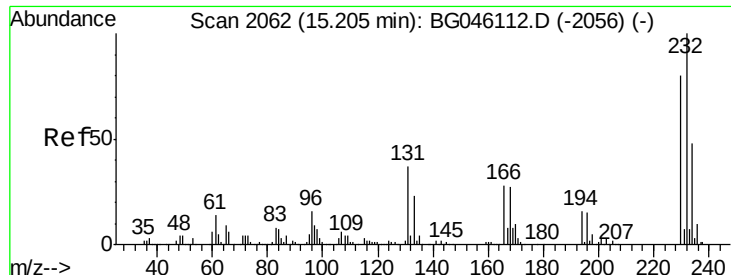


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

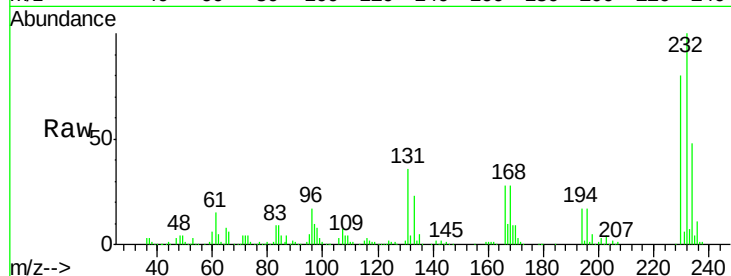




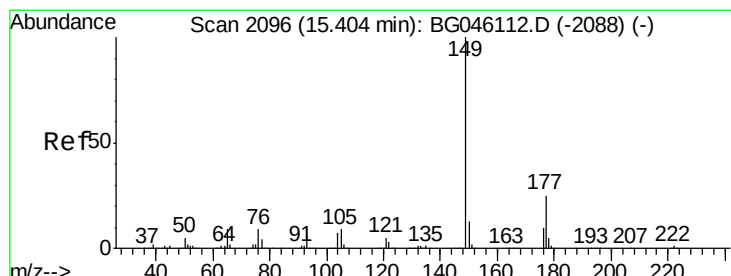
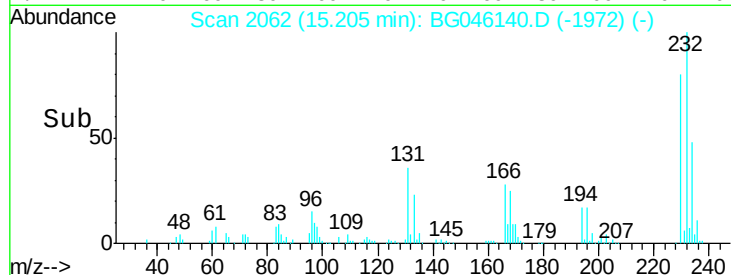
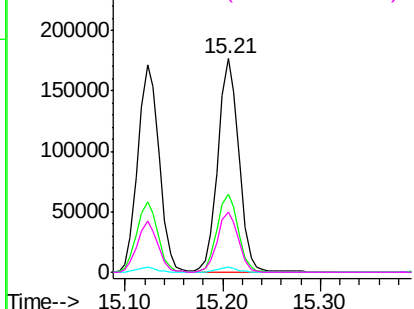
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.989 ng
RT: 15.21 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion:	232	Resp:	262294
Ion	Ratio	Lower	Upper
232	100		
131	36.7	28.6	42.8
130	2.2	1.6	2.4
166	28.0	22.5	33.7

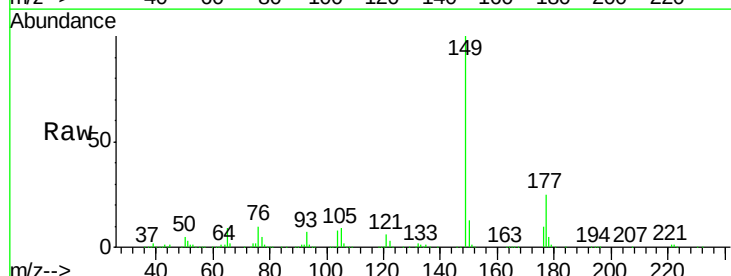


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

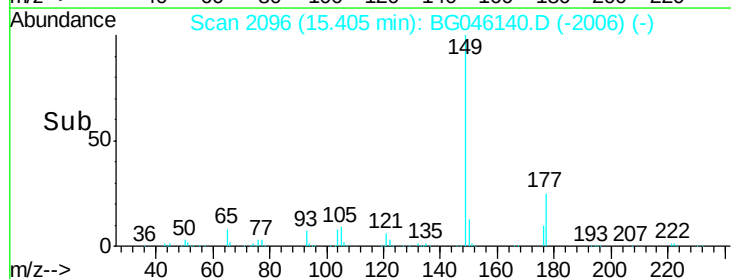
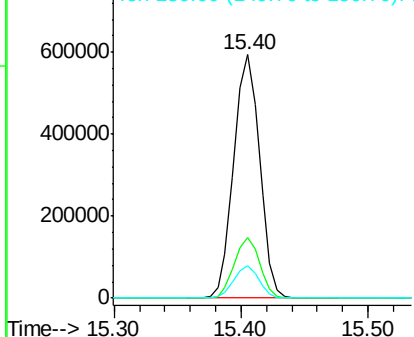


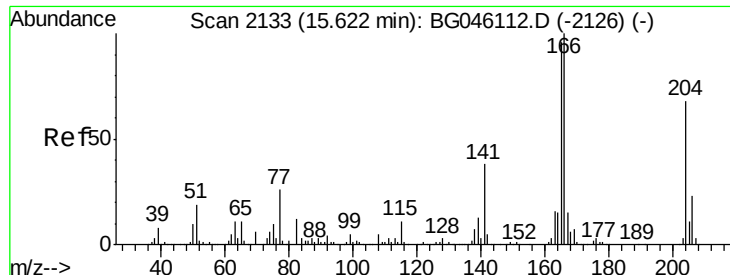
#60
Diethylphthalate
Concen: 48.920 ng
RT: 15.40 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion:	149	Resp:	837089
Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.7	29.5
150	13.2	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

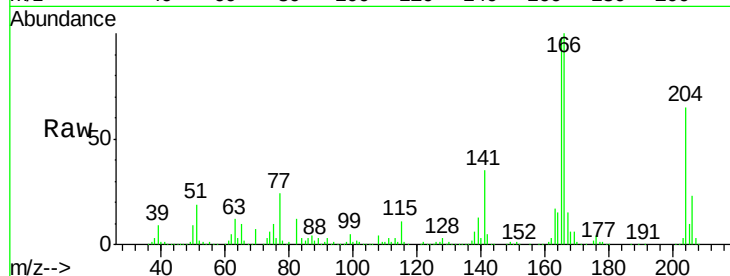




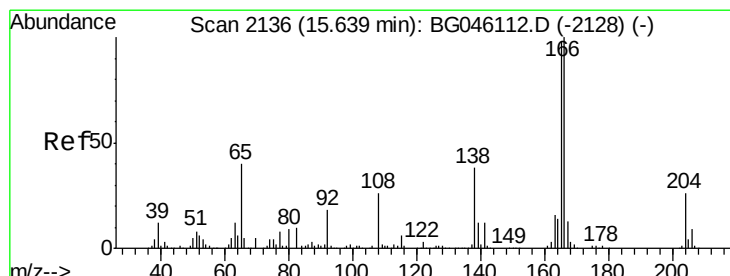
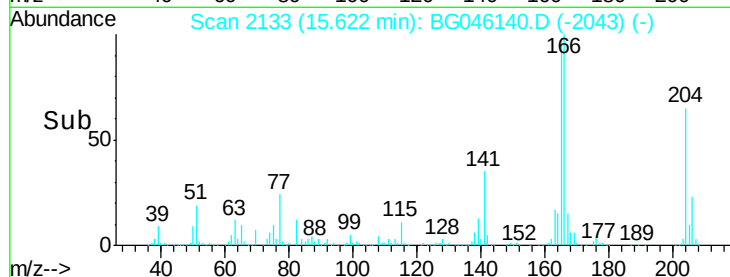
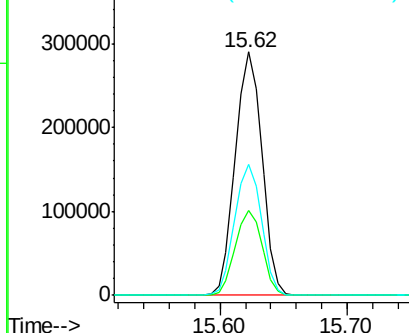
#61
 4-Chlorophenyl-phenylether
 Concen: 45.566 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion:204 Resp: 422665
 Ion Ratio Lower Upper
 204 100
 206 34.7 27.7 41.5
 141 53.9 44.7 67.1

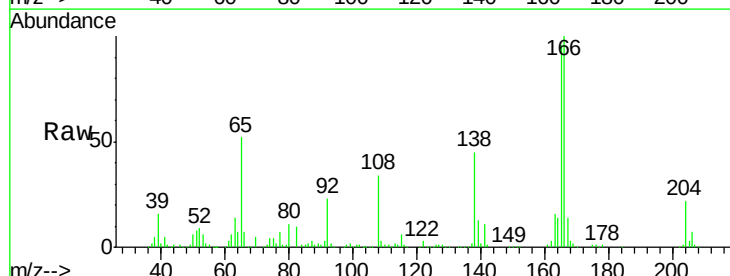


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

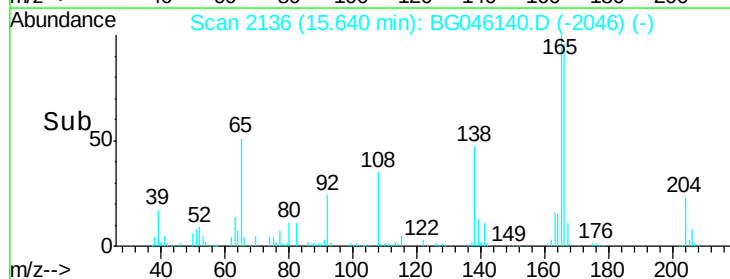
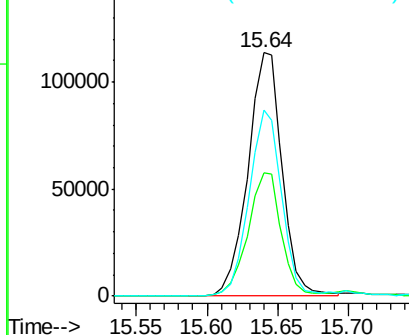


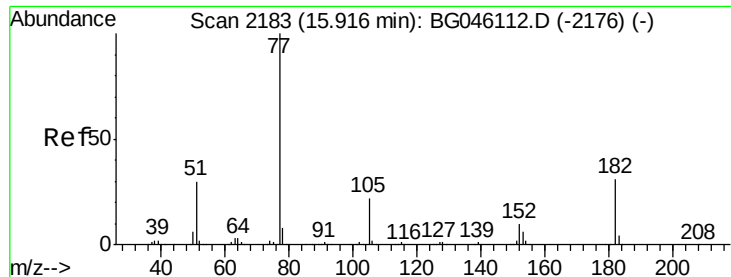
#62
 4-Nitroaniline
 Concen: 47.943 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion:138 Resp: 193517
 Ion Ratio Lower Upper
 138 100
 92 50.7 28.3 68.3
 108 76.4 49.2 89.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 47.066 ng

RT: 15.92 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

Tot Ion: 77 Resp: 754772

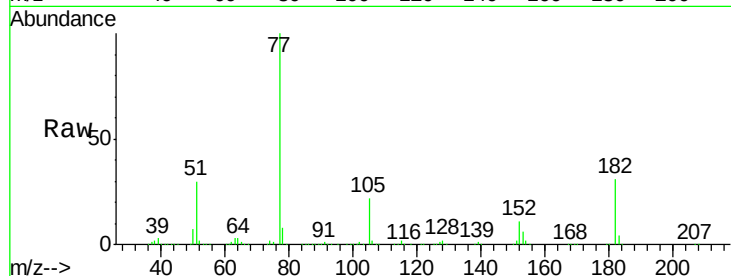
Ion Ratio Lower Upper

77 100

182 31.2 10.7 50.7

105 21.9 1.9 41.9

51 30.5 9.5 49.5

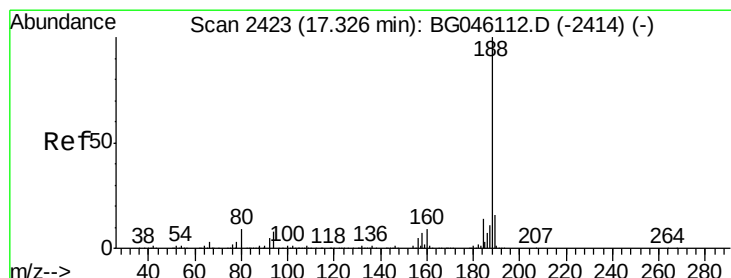
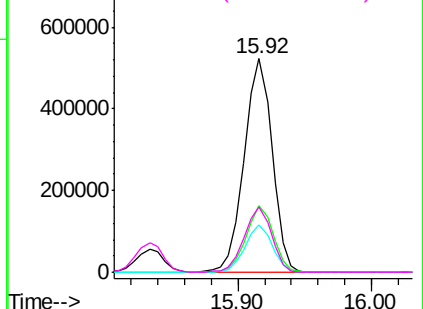
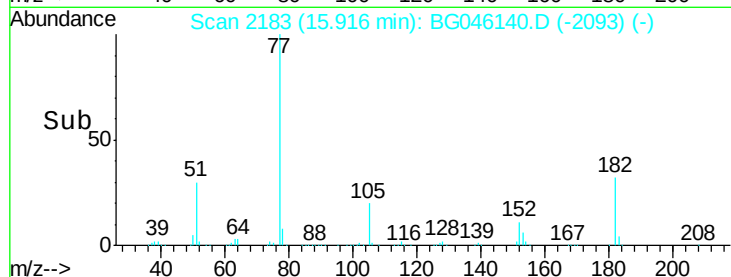


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

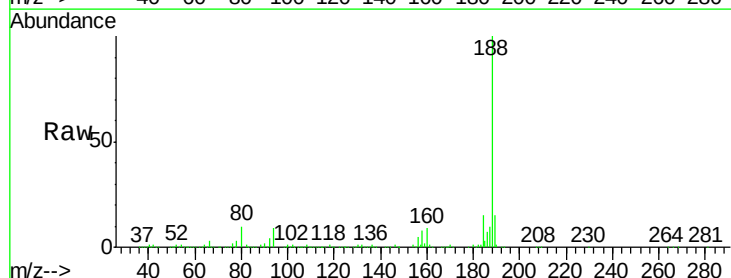
Tgt Ion: 188 Resp: 560453

Ion Ratio Lower Upper

188 100

94 8.8 6.4 9.6

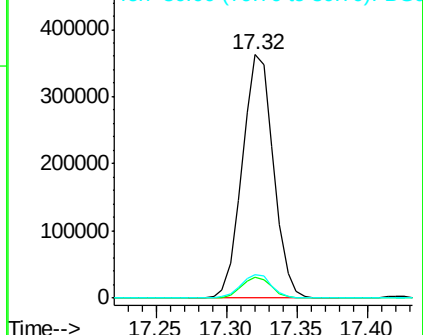
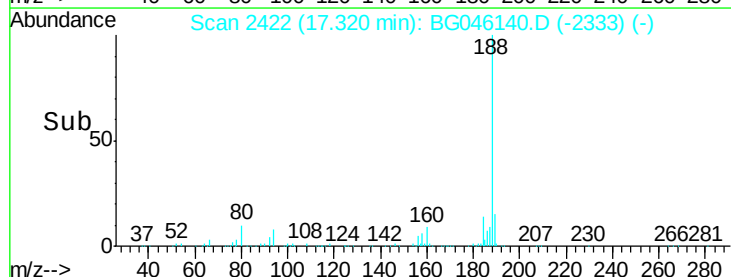
80 9.8 7.4 11.0

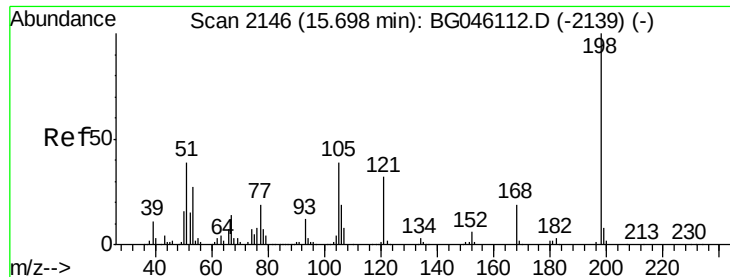


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 45.949 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

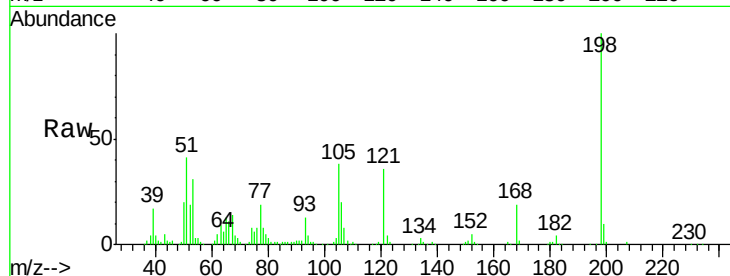
Tot Ion:198 Resp: 170314

Ion Ratio Lower Upper

198 100

51 41.1 20.1 60.1

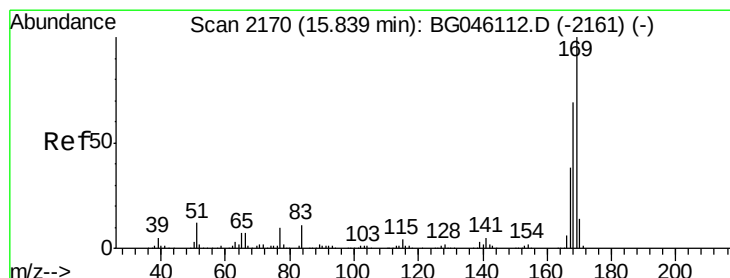
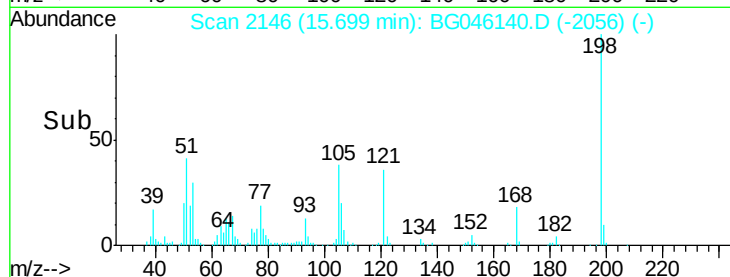
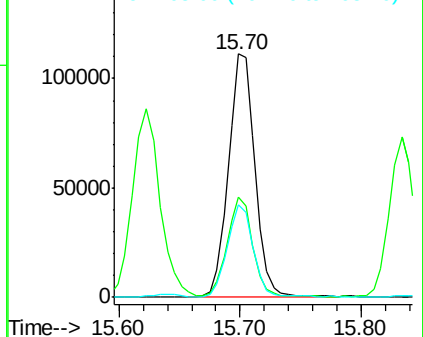
105 37.9 19.2 59.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.526 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

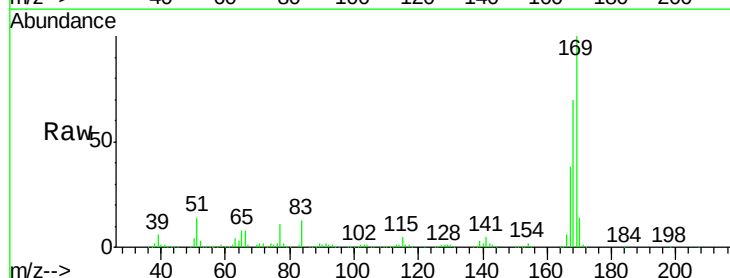
Tgt Ion:169 Resp: 738412

Ion Ratio Lower Upper

169 100

168 69.9 55.1 82.7

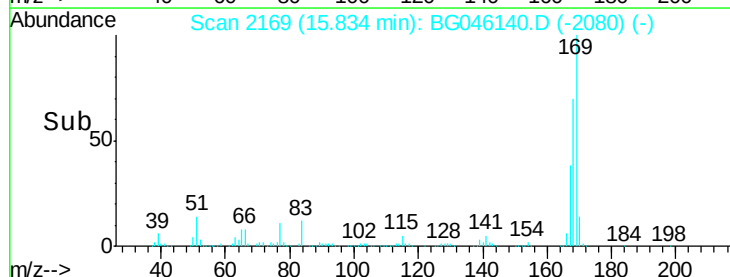
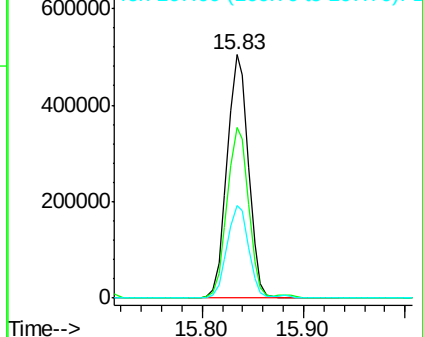
167 38.1 30.5 45.7

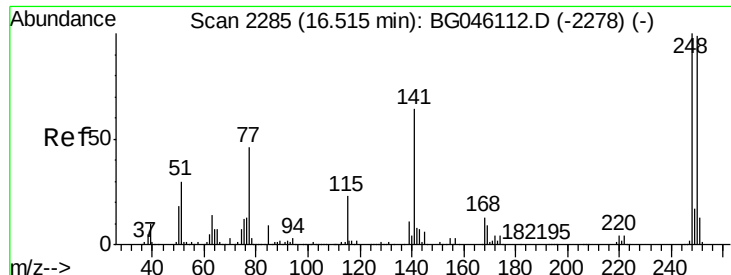


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

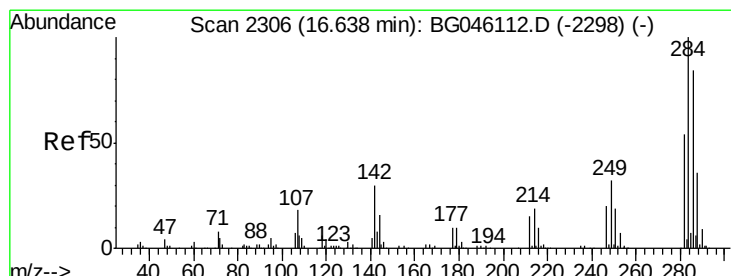
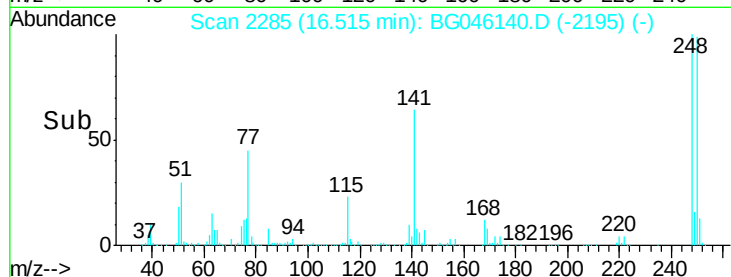
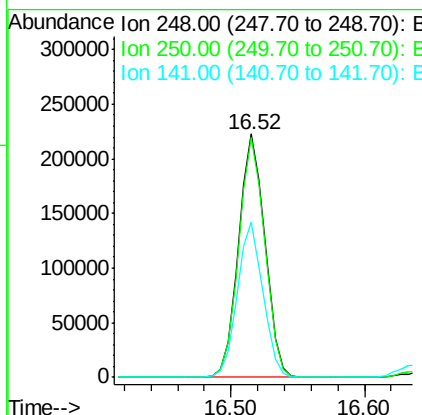
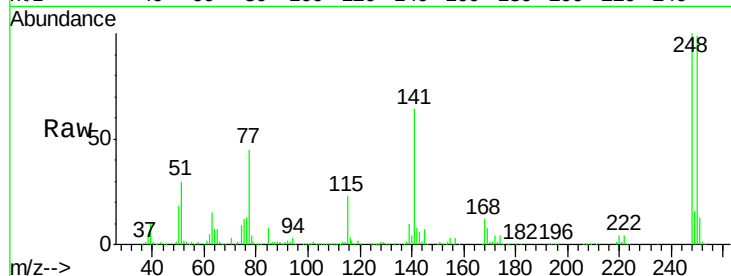




#67
 4-Bromophenyl-phenylether
 Concen: 43.805 ng
 RT: 16.52 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

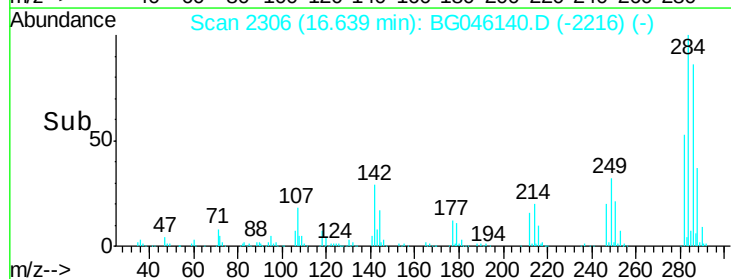
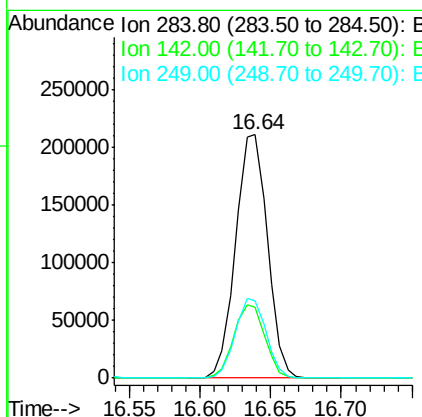
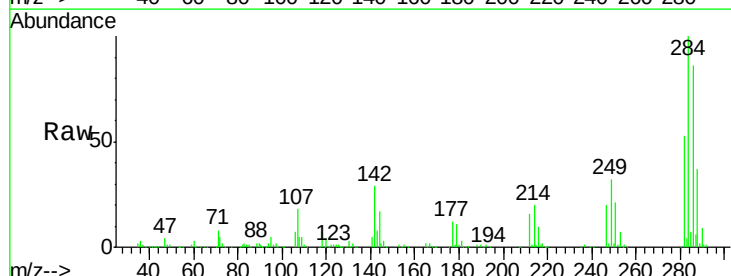
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

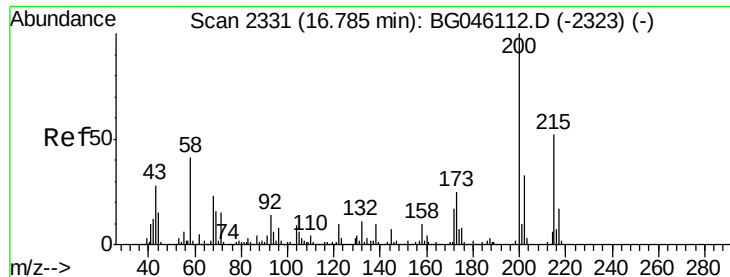
Tot Ion:248 Resp: 303305
 Ion Ratio Lower Upper
 248 100
 250 98.5 79.4 119.0
 141 63.7 50.9 76.3



#68
 Hexachlorobenzene
 Concen: 42.616 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion:284 Resp: 330867
 Ion Ratio Lower Upper
 284 100
 142 28.9 23.6 35.4
 249 31.8 25.3 37.9





#69

Atrazine

Concen: 41.811 ng

RT: 16.79 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

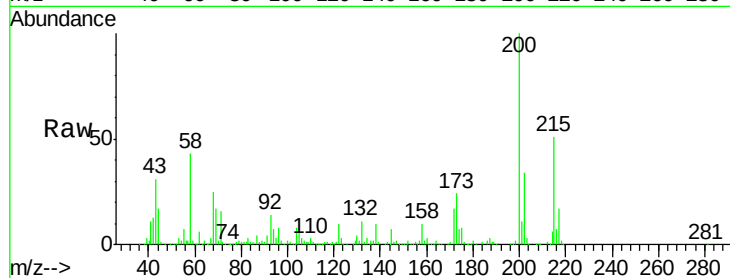
Tot Ion:200 Resp: 273138

Ion Ratio Lower Upper

200 100

173 24.3 5.3 45.3

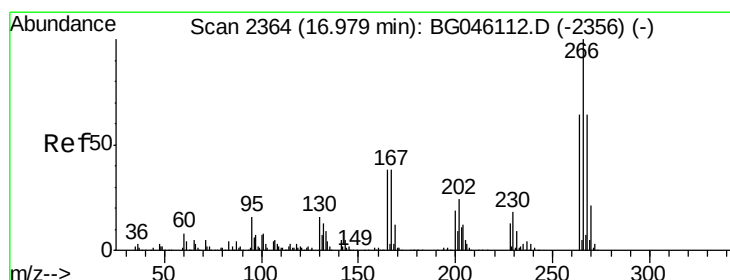
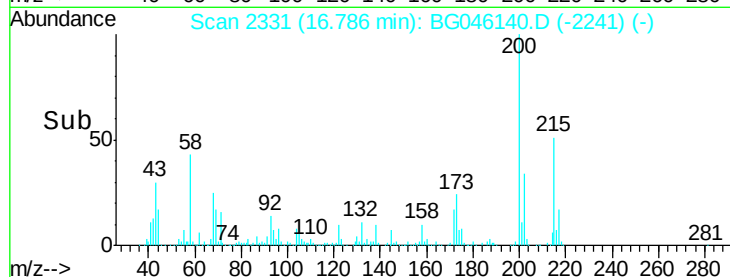
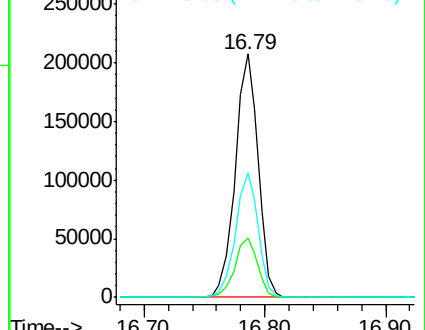
215 51.2 31.5 71.5



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: 93.578 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

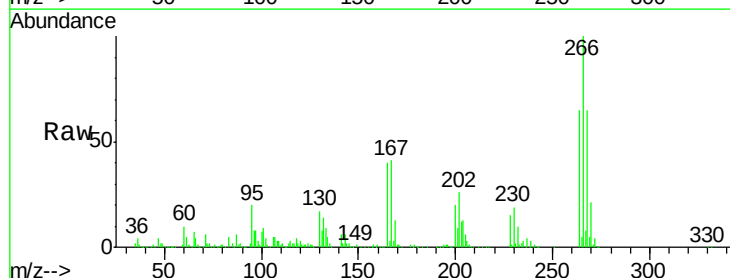
Tgt Ion:266 Resp: 471407

Ion Ratio Lower Upper

266 100

268 64.6 51.2 76.8

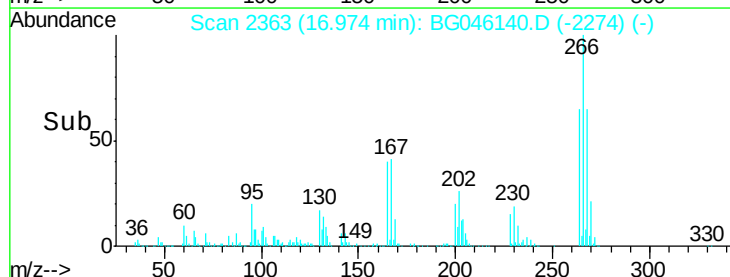
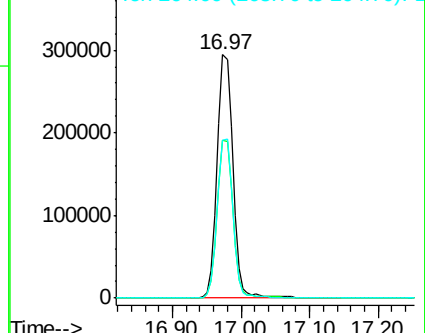
264 64.7 51.1 76.7

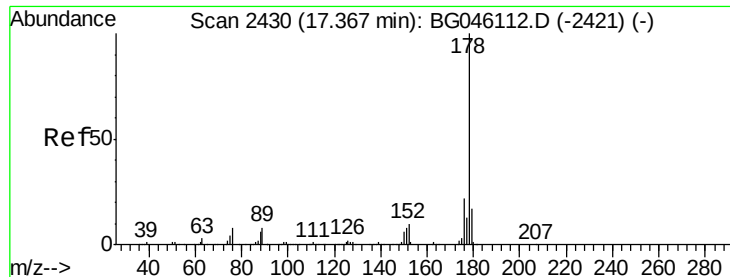


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

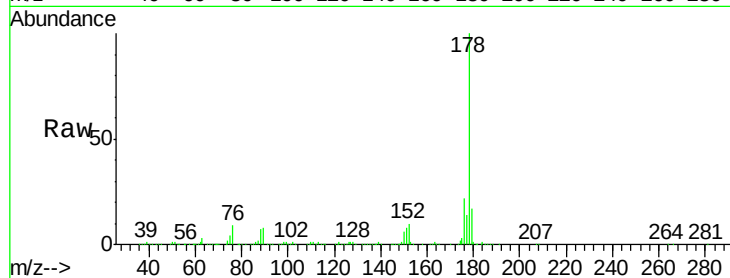




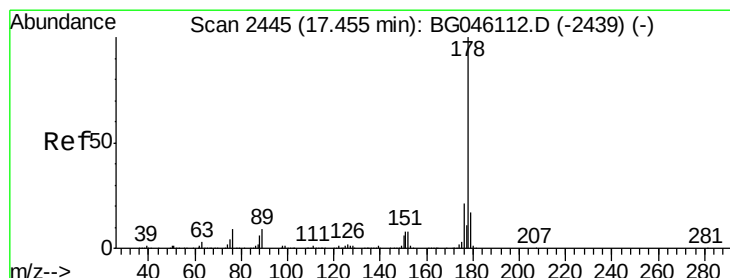
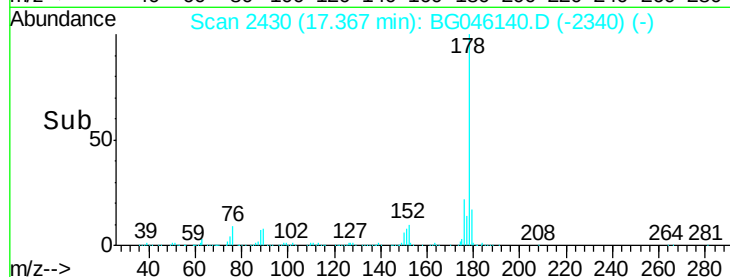
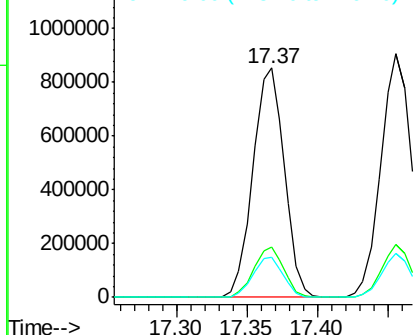
#71
Phenanthrene
Concen: 43.476 ng
RT: 17.37 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion:178 Resp: 1334742
Ion Ratio Lower Upper
178 100
176 22.1 17.3 25.9
179 17.3 13.8 20.6

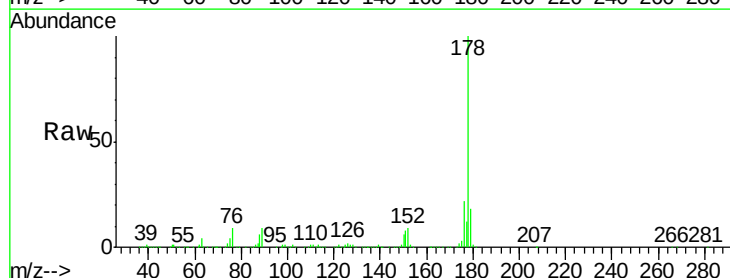


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

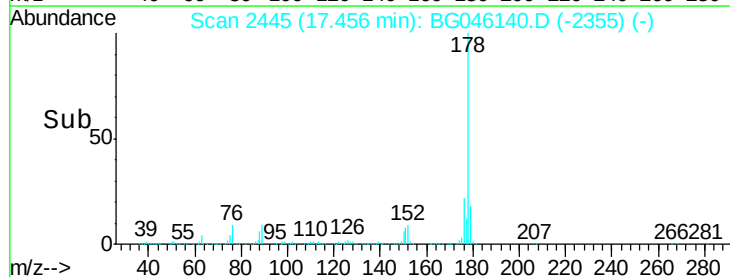
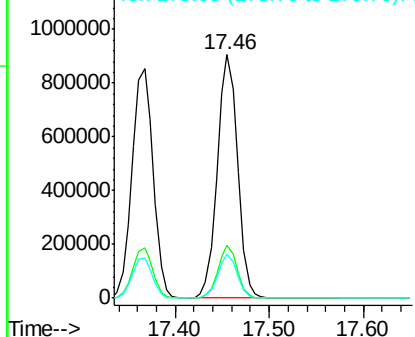


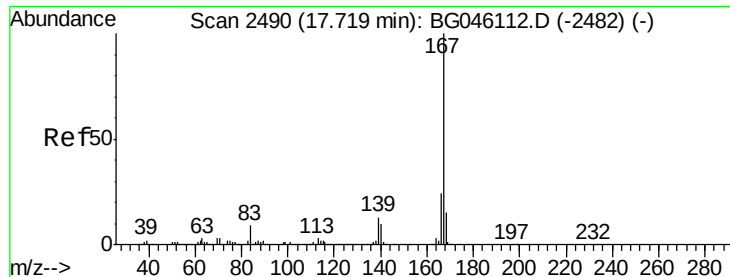
#72
Anthracene
Concen: 44.794 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion:178 Resp: 1367894
Ion Ratio Lower Upper
178 100
176 21.7 16.6 24.8
179 17.8 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: 44.442 ng

RT: 17.72 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

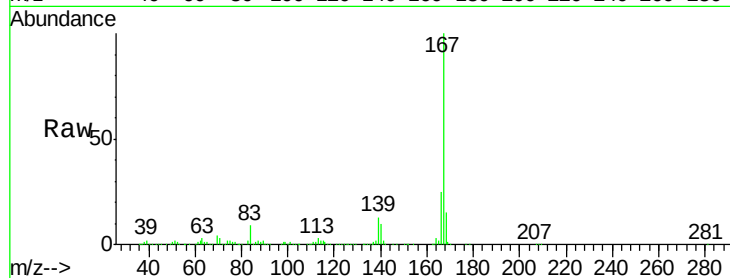
Tot Ion:167 Resp: 1308644

Ion Ratio Lower Upper

167 100

166 24.9 19.4 29.0

139 13.0 10.1 15.1



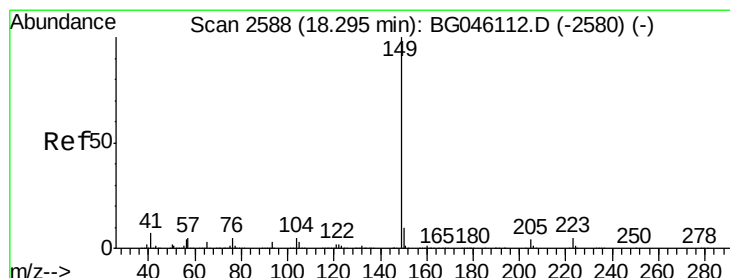
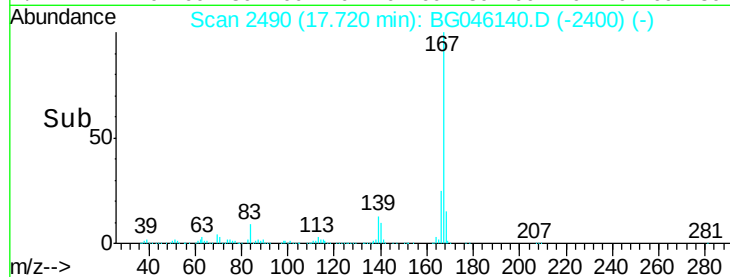
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.72

Time-->



#74

Di-n-butylphthalate

Concen: 48.383 ng

RT: 18.30 min Scan# 2588

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

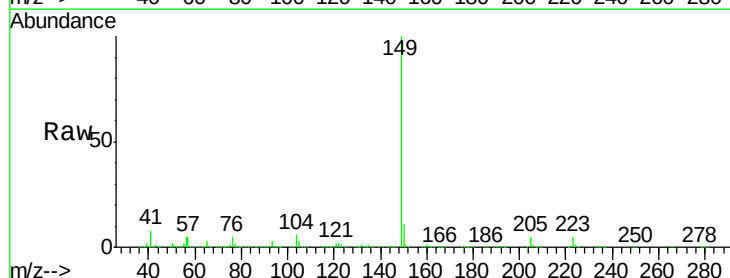
Tgt Ion:149 Resp: 1489185

Ion Ratio Lower Upper

149 100

150 11.2 8.4 12.6

104 5.6 4.2 6.2



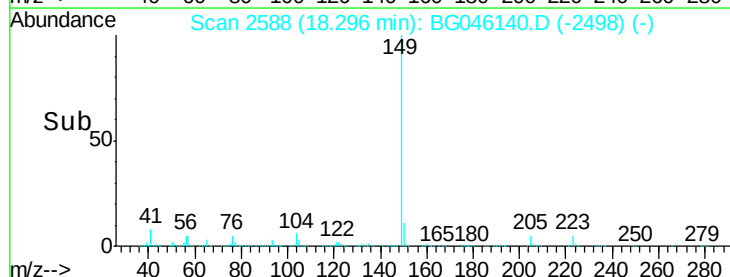
Abundance Ion 149.00 (148.70 to 149.70): E

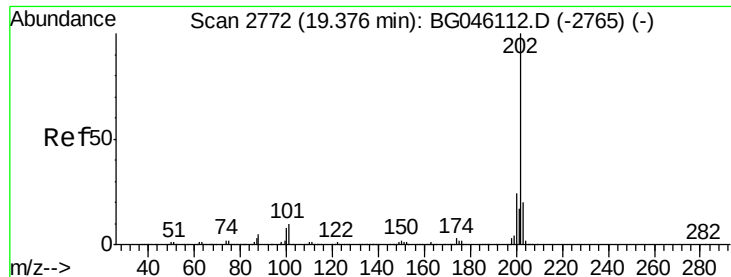
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.30

Time-->





#75

Fluoranthene

Concen: 44.740 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

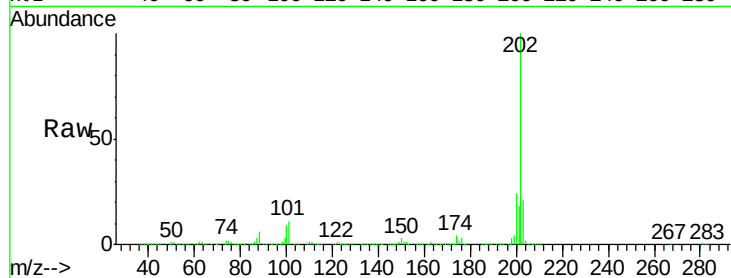
Tot Ion:202 Resp: 1714800

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.0

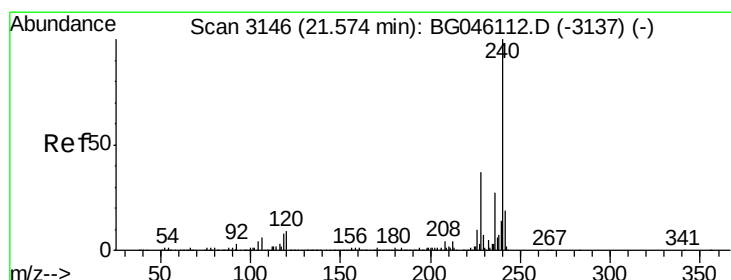
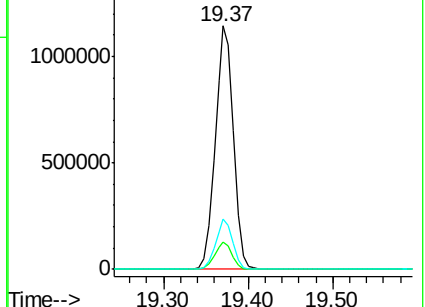
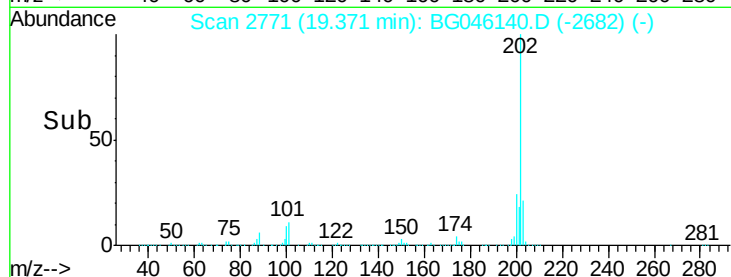
203 20.7 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

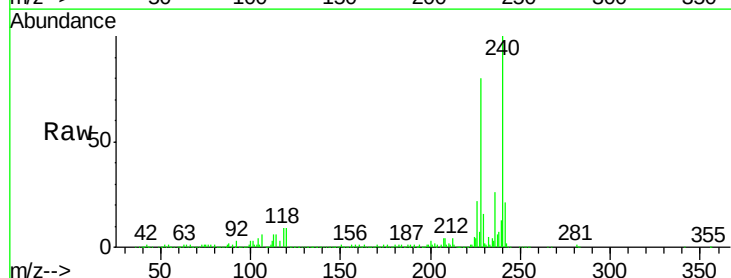
Tgt Ion:240 Resp: 584141

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

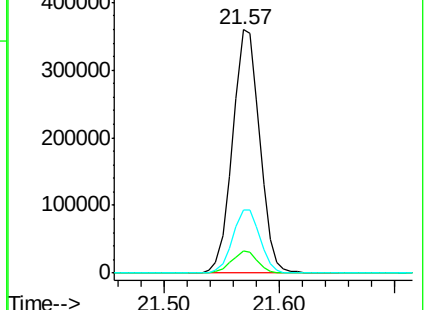
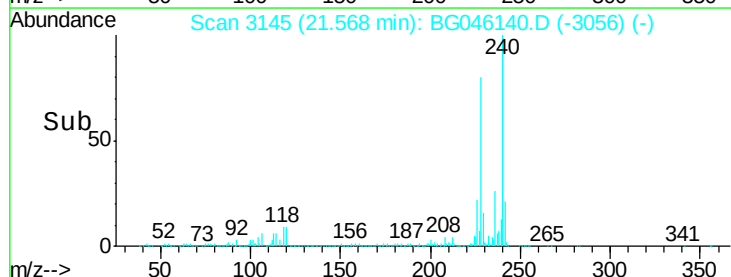
236 26.1 21.7 32.5

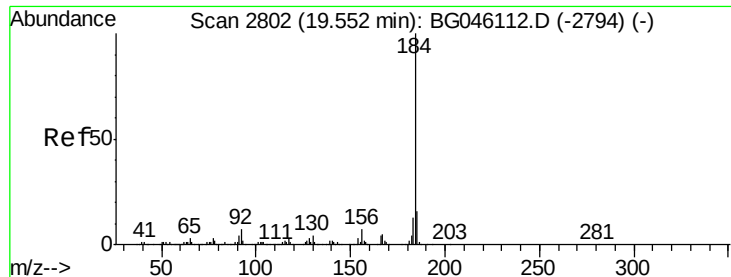


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.487 ng

RT: 19.55 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

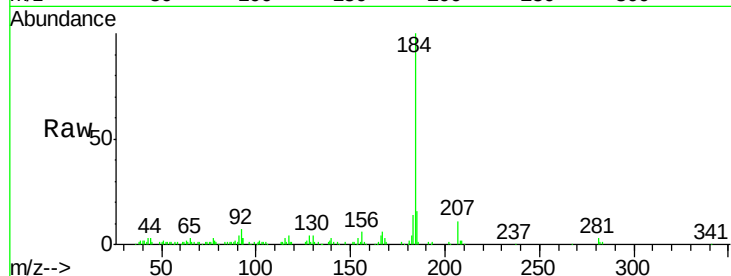
Tot Ion:184 Resp: 173520

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.4

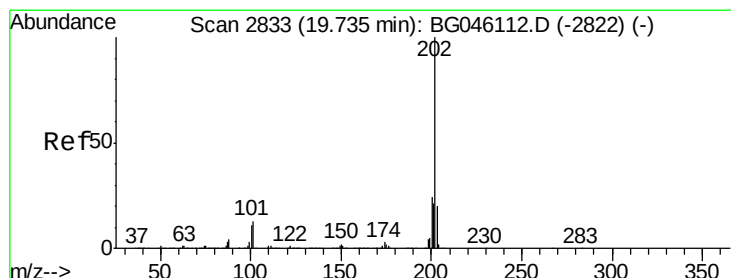
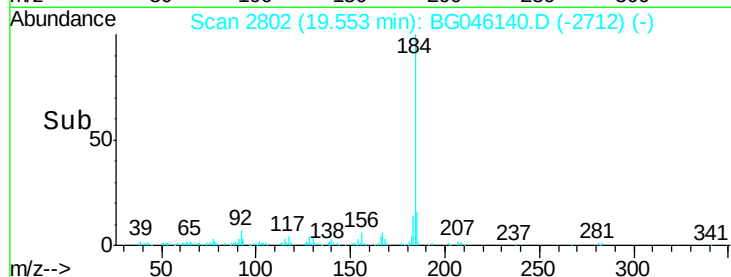
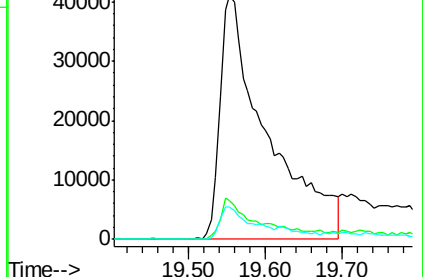
183 13.5 10.5 15.7



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: 43.811 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

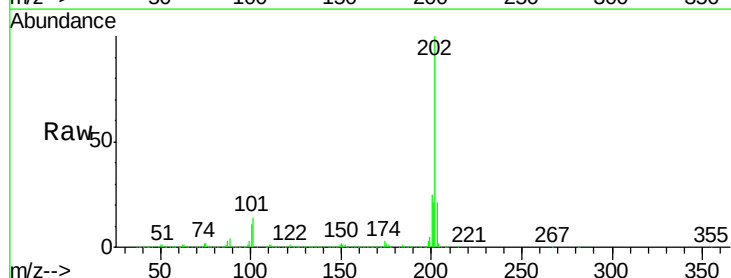
Tgt Ion:202 Resp: 1719540

Ion Ratio Lower Upper

202 100

200 25.0 19.5 29.3

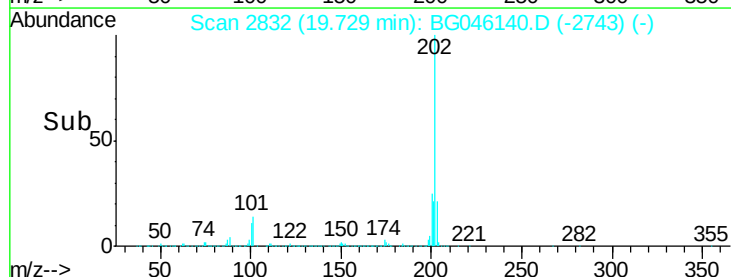
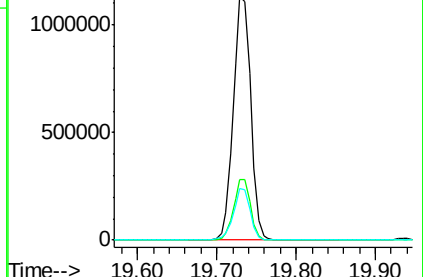
203 21.1 16.2 24.2

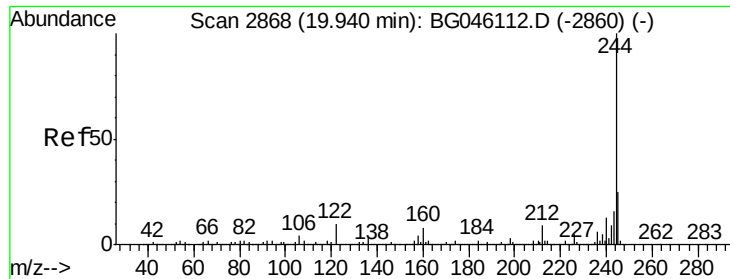


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.176 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

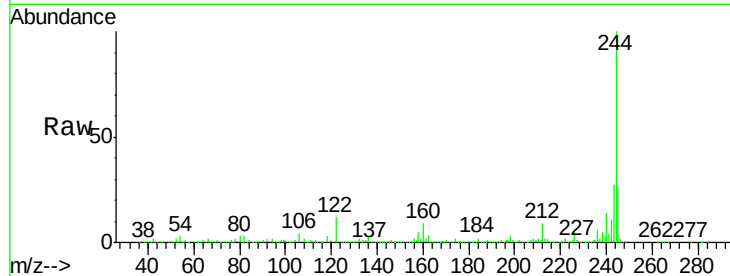
BNA_G

ClientSampleId :

SU-01-073020MS

Tot Ion:244 Resp: 2041460

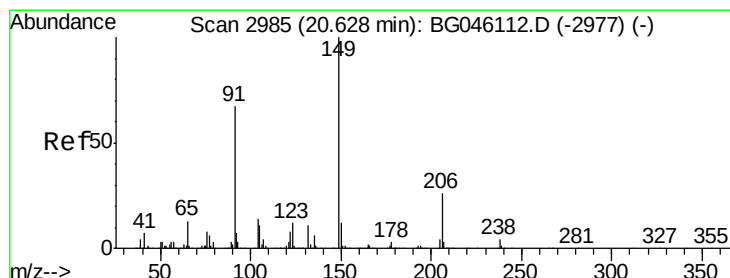
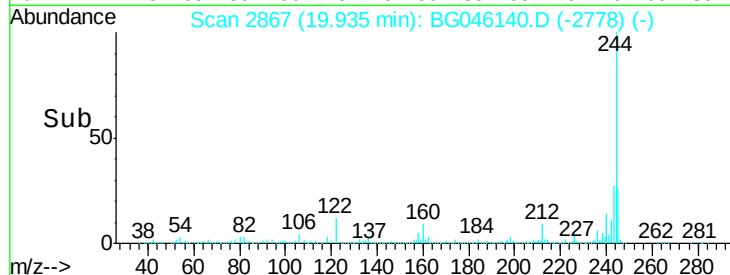
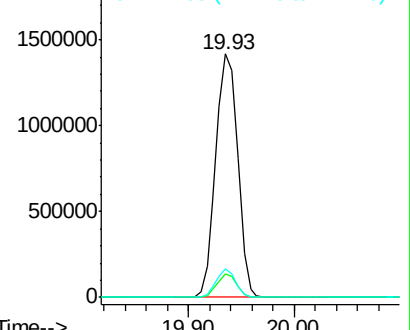
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	11.6	8.3	12.5



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: 50.366 ng

RT: 20.63 min Scan# 2985

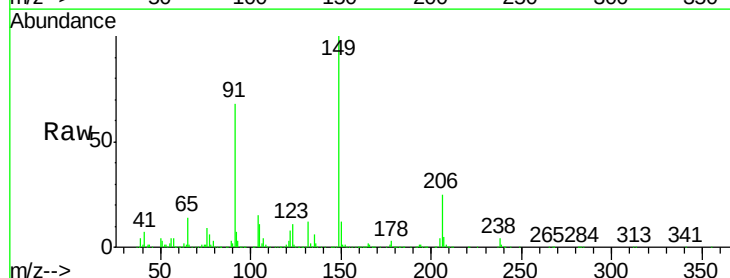
Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:149 Resp: 716084

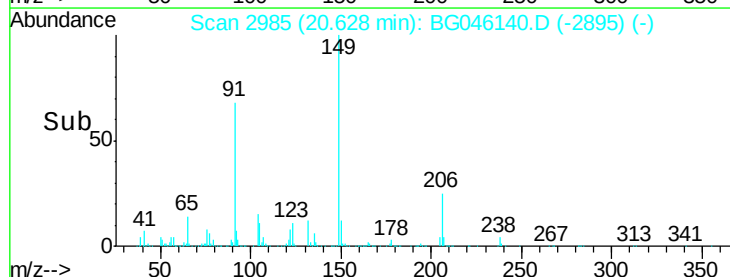
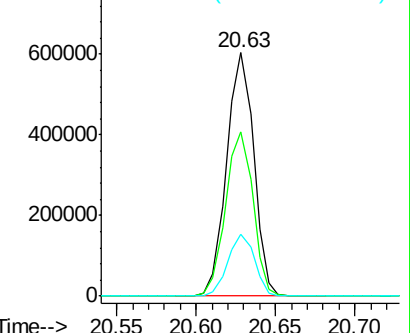
Ion	Ratio	Lower	Upper
149	100		
91	67.6	53.8	80.8
206	25.5	20.4	30.6

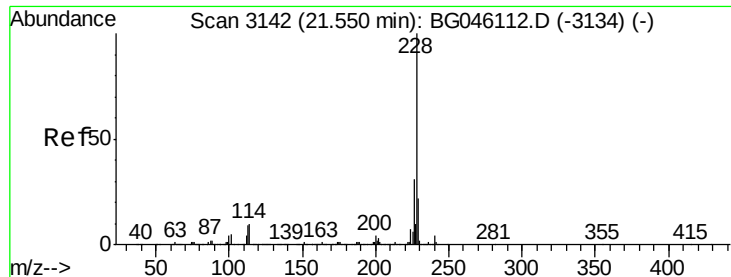


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

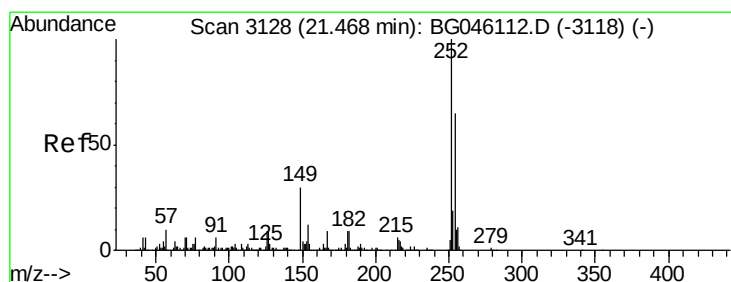
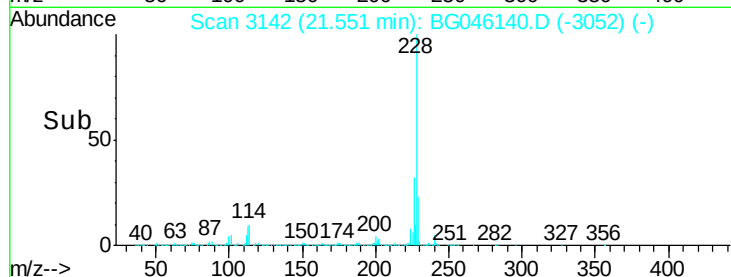
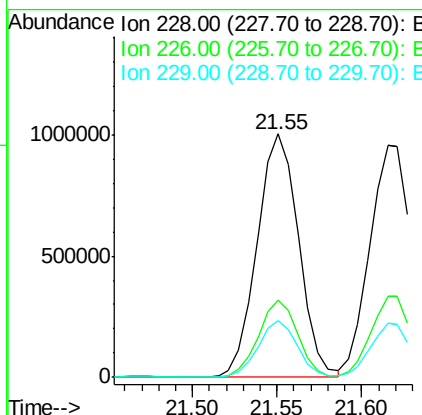
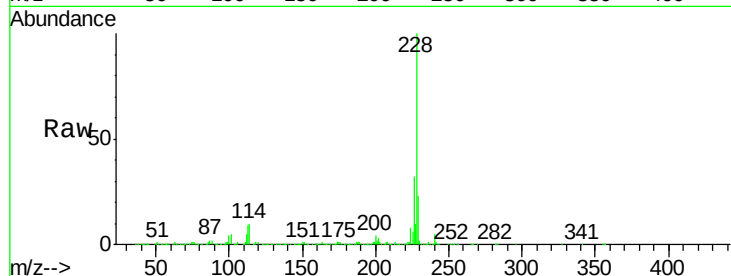




#81
Benzo(a)anthracene
Concen: 43.899 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

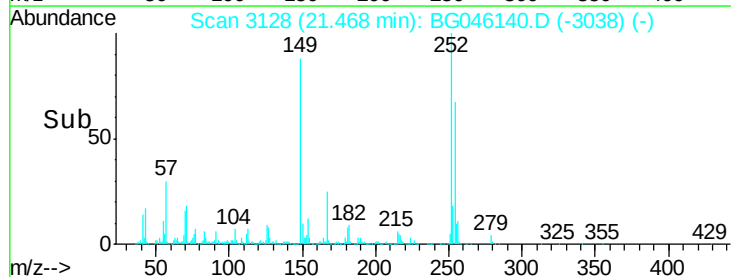
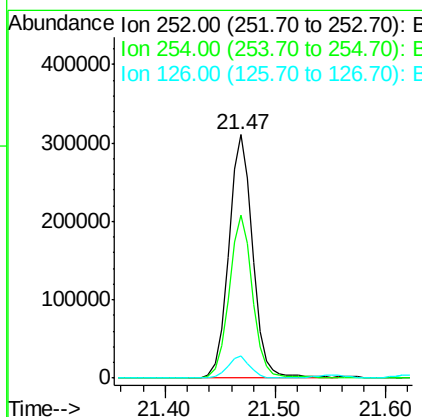
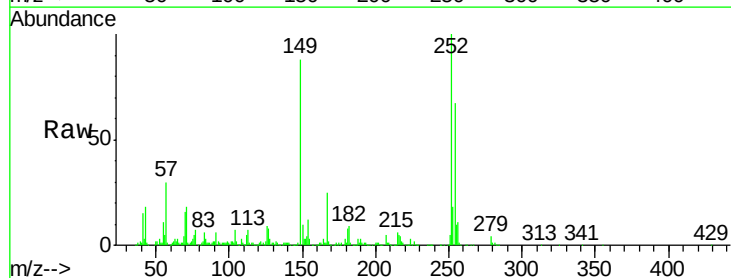
Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

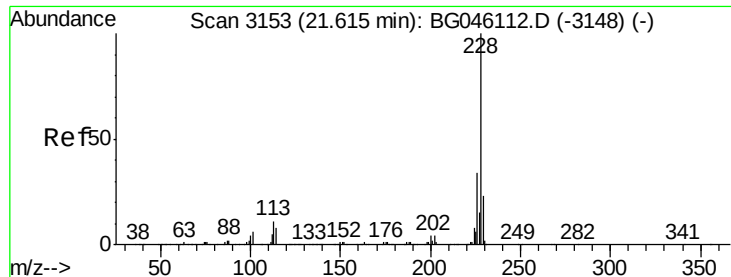
Tot Ion:228 Resp: 1716078
Ion Ratio Lower Upper
228 100
226 31.8 24.7 37.1
229 23.1 17.8 26.8



#82
3,3'-Dichlorobenzidine
Concen: 29.101 ng
RT: 21.47 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion:252 Resp: 472397
Ion Ratio Lower Upper
252 100
254 67.2 51.8 77.8
126 9.0 7.1 10.7





#83

Chrysene

Concen: 42.507 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

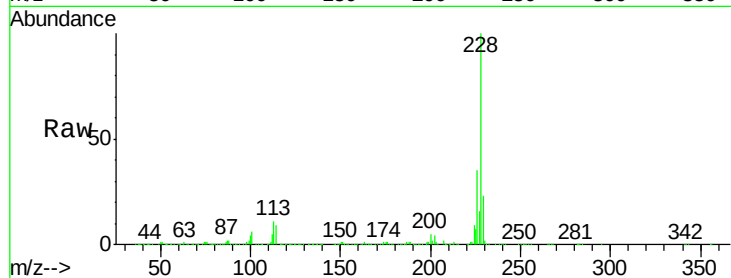
Tot Ion:228 Resp: 1627744

Ion Ratio Lower Upper

228 100

226 34.8 26.9 40.3

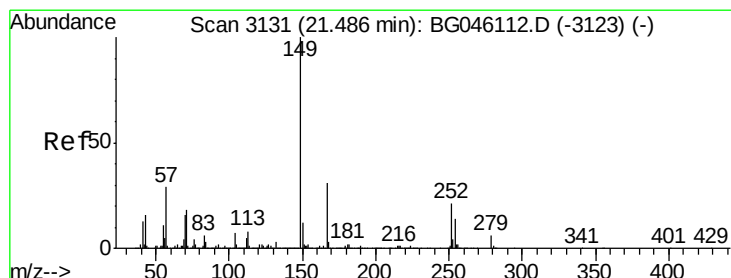
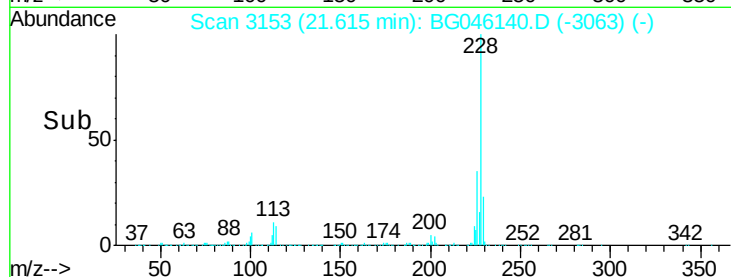
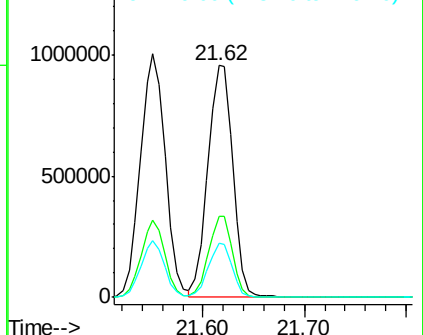
229 23.2 18.2 27.4



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: 48.669 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

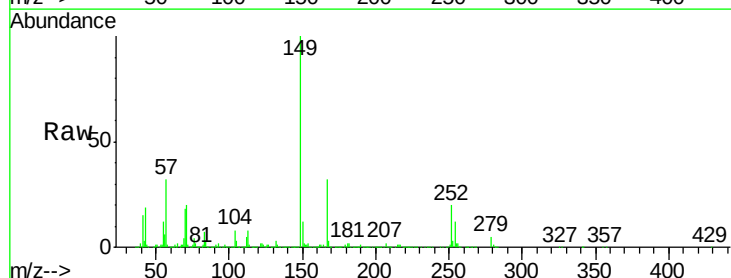
Tgt Ion:149 Resp: 989268

Ion Ratio Lower Upper

149 100

167 31.7 24.8 37.2

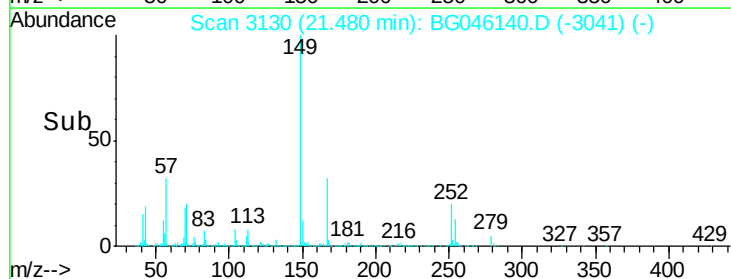
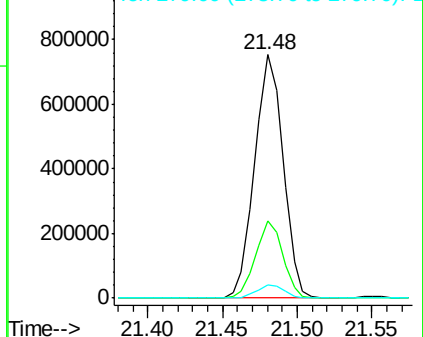
279 5.5 4.6 6.8

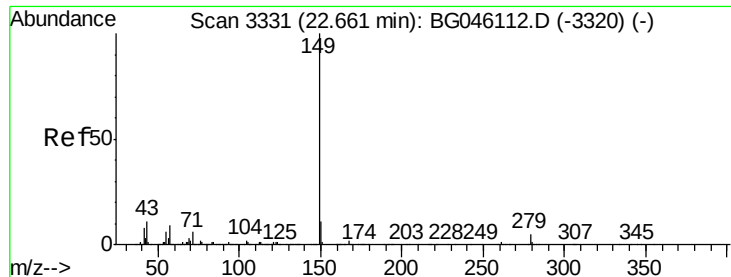


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.387 ng

RT: 22.66 min Scan# 3331

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

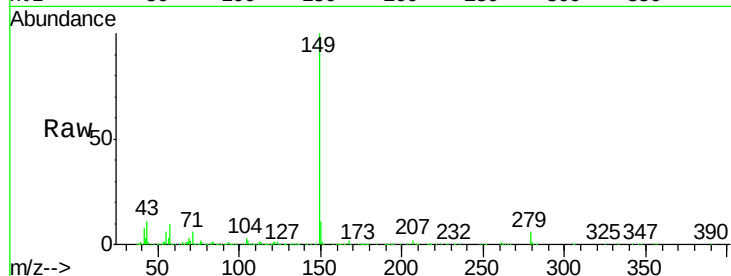
Tot Ion:149 Resp: 1699726

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

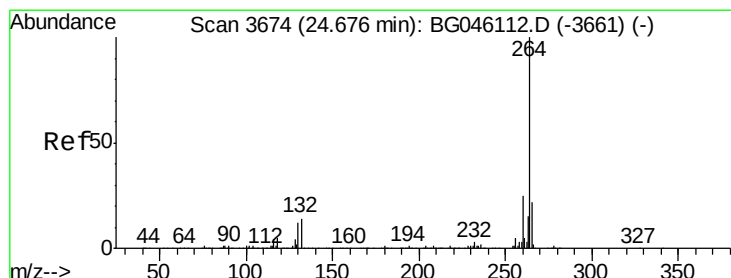
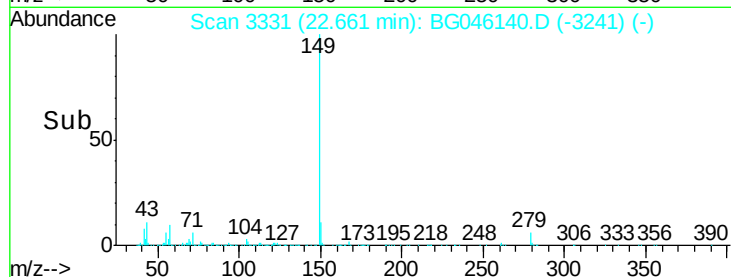
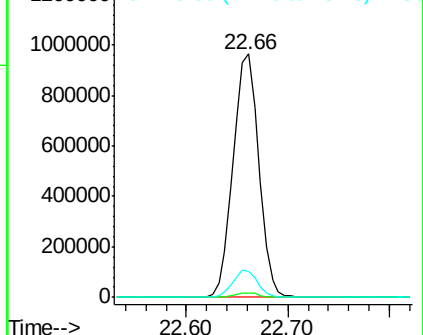
43 10.9 7.8 11.8



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: 24.68 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

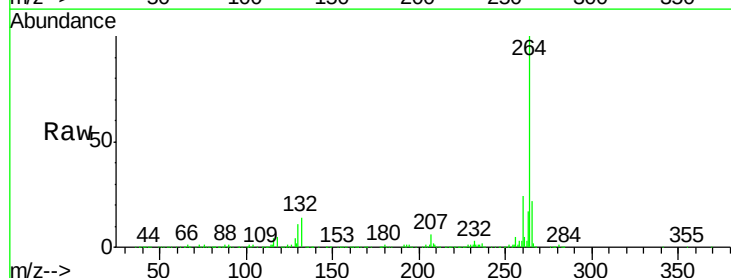
Tgt Ion:264 Resp: 625610

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

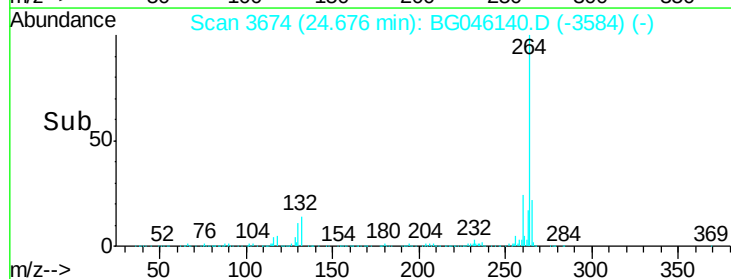
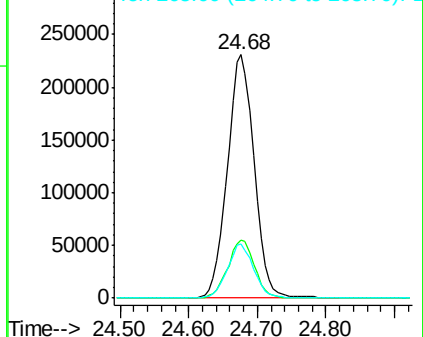
265 22.1 17.6 26.4

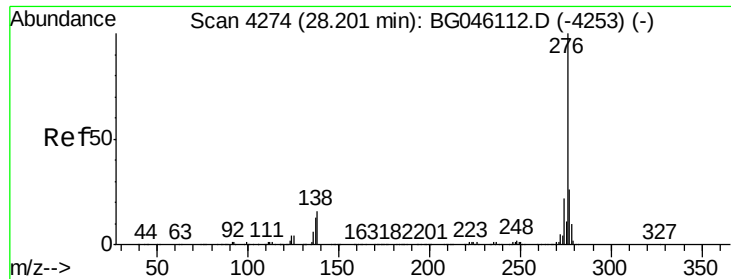


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

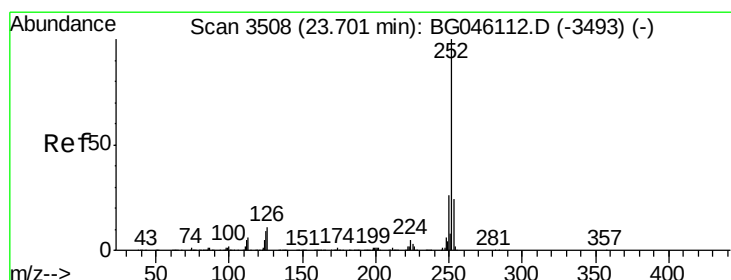
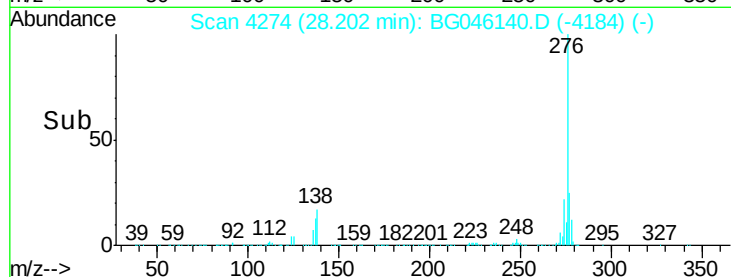
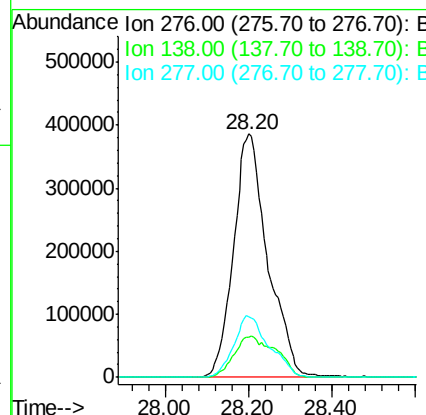
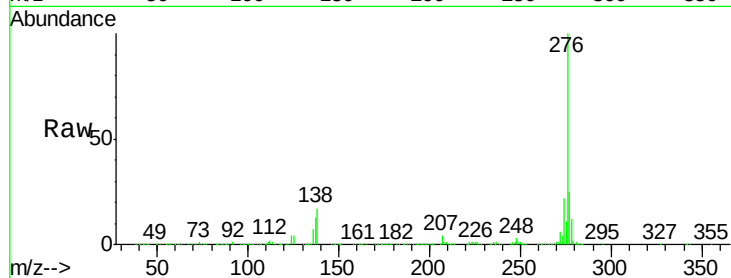




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.253 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

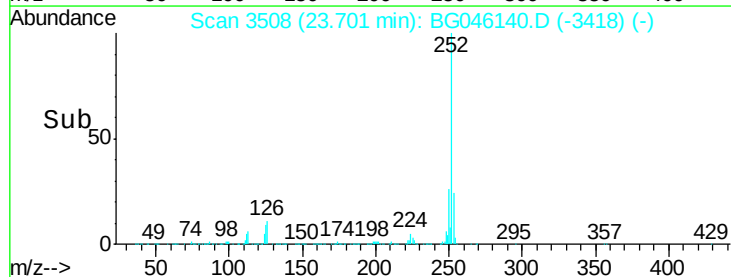
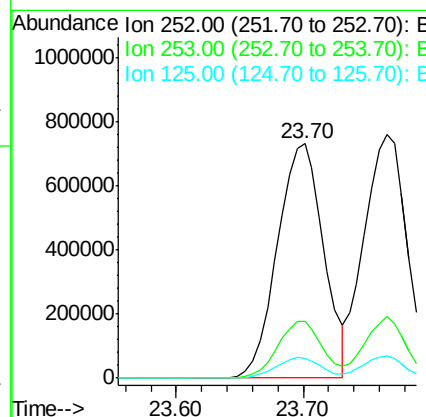
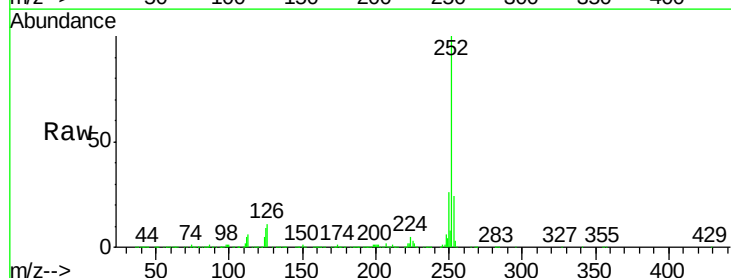
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

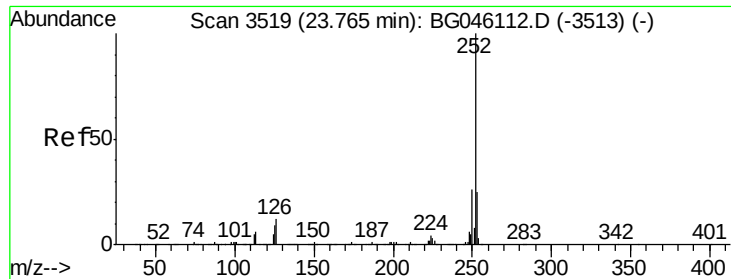
Tot Ion:276 Resp: 2206839
 Ion Ratio Lower Upper
 276 100
 138 20.8 11.6 17.4#
 277 26.0 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 44.057 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion:252 Resp: 1847018
 Ion Ratio Lower Upper
 252 100
 253 24.4 19.2 28.8
 125 8.6 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 43.611 ng

RT: 23.77 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

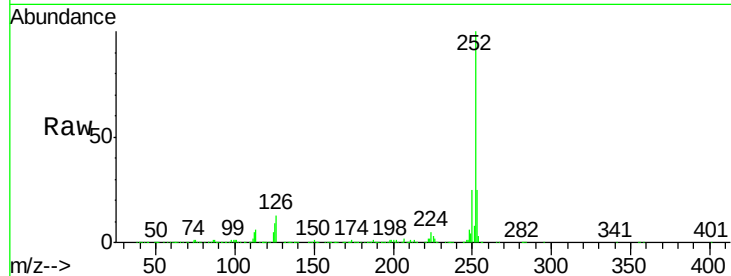
Tot Ion:252 Resp: 1793304

Ion Ratio Lower Upper

252 100

253 25.2 19.5 29.3

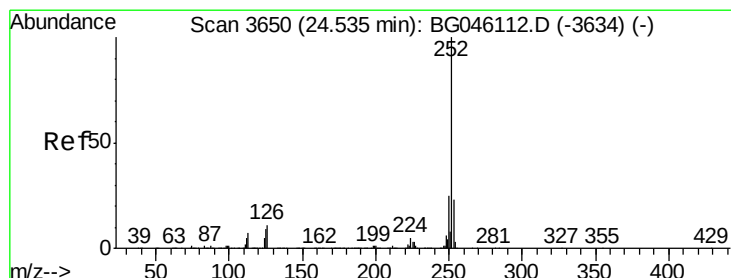
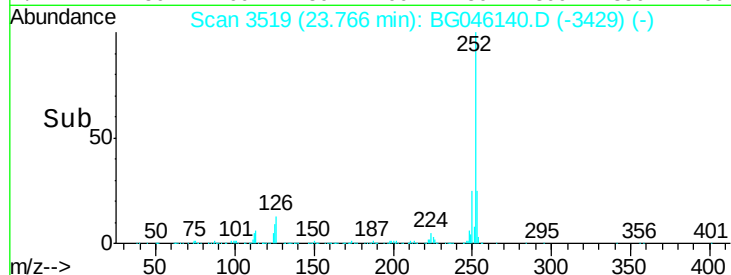
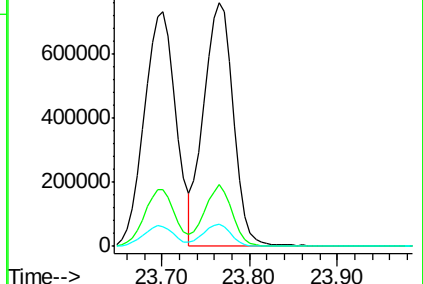
125 9.2 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.789 ng

RT: 24.54 min Scan# 3650

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

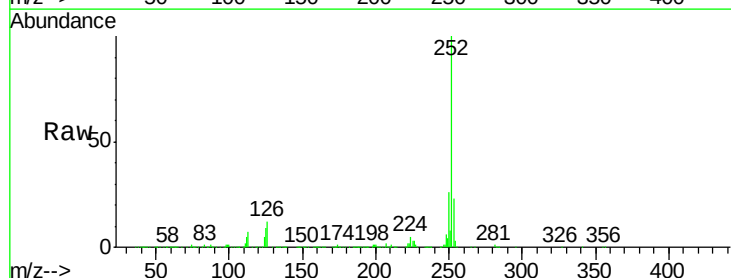
Tgt Ion:252 Resp: 1708253

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

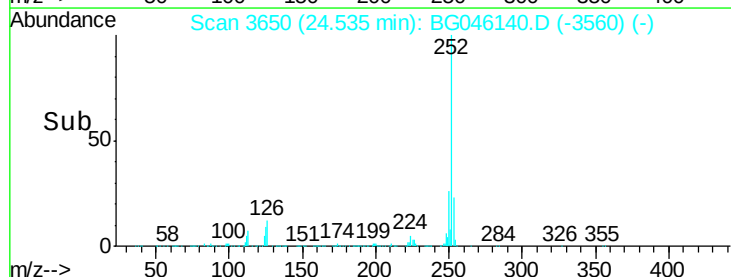
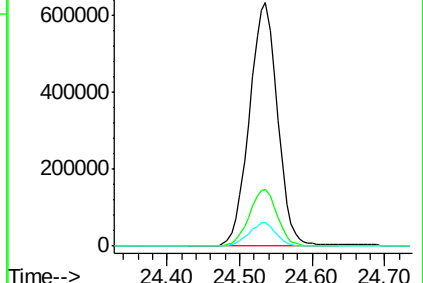
125 9.5 7.1 10.7

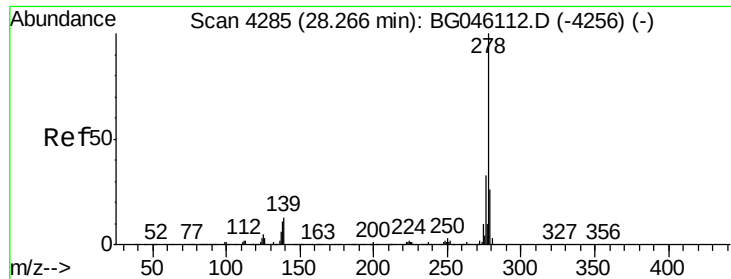


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

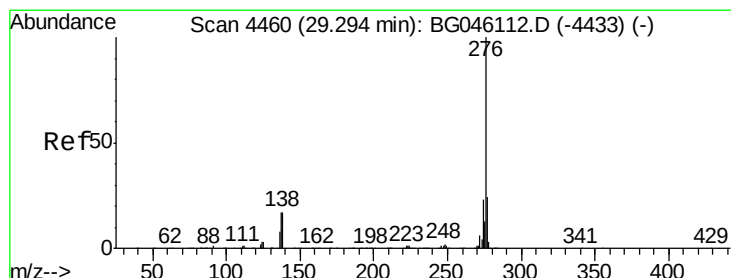
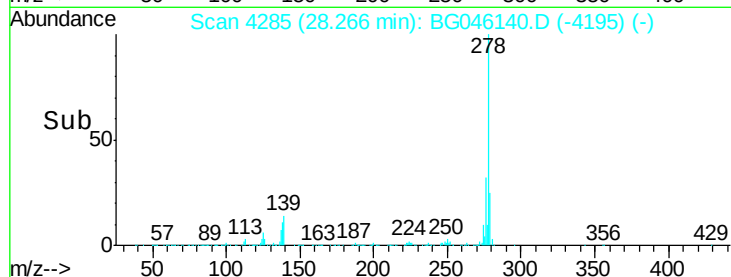
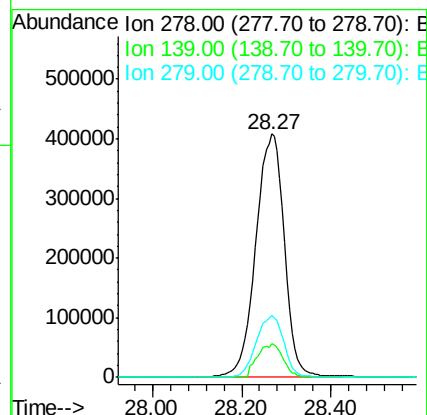
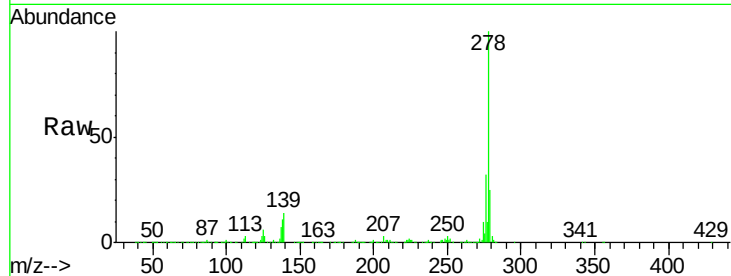




#91
Dibenzo(a,h)anthracene
Concen: 45.015 ng
RT: 28.27 min Scan# 4285
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion:278 Resp: 1795460
Ion Ratio Lower Upper
278 100
139 13.7 10.8 16.2
279 25.4 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 45.953 ng
RT: 29.31 min Scan# 4462
Delta R.T. 0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion:276 Resp: 1851082
Ion Ratio Lower Upper
276 100
277 23.8 19.5 29.3
138 17.7 13.8 20.6

