

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046037.D
 Acq On : 14 Jul 2020 17:47
 Operator : CG/JU
 Sample : L3283-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TPMSD

Quant Time: Jul 14 18:25:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	122237	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	491913	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	304738	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	669542	20.00	ng	0.00
76) Chrysene-d12	21.63	240	601375	20.00	ng	0.00
86) Perylene-d12	24.78	264	613968	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	745844	98.95	ng	0.00
7) Phenol-d6	7.17	99	1033308	95.22	ng	0.00
23) Nitrobenzene-d5	9.16	82	636981	74.53	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	280741	99.26	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1168672	59.82	ng	0.00
79) Terphenyl-d14	19.98	244	1611029	59.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	152862	43.956	ng	98
3) Pyridine	3.89	79	434390	41.311	ng	98
4) n-Nitrosodimethylamine	3.80	42	175850	49.456	ng	# 97
6) Aniline	7.32	93	338862	24.409	ng	100
8) 2-Chlorophenol	7.57	128	397330	48.967	ng	97
9) Benzaldehyde	7.14	77	140680	20.461	ng	95
10) Phenol	7.20	94	541591	49.751	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	393041	43.662	ng	99
12) 1,3-Dichlorobenzene	7.89	146	409101	43.741	ng	98
13) 1,4-Dichlorobenzene	8.04	146	407794	44.323	ng	100
14) 1,2-Dichlorobenzene	8.36	146	391197	44.178	ng	97
15) Benzyl Alcohol	8.24	79	380727	44.744	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	520874	44.349	ng	97
17) 2-Methylphenol	8.45	107	353577	43.286	ng	96
18) Hexachloroethane	9.09	117	154542	43.655	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	336973	44.201	ng	100
20) 3+4-Methylphenols	8.77	107	480386	43.152	ng	99
22) Acetophenone	8.82	105	563943	42.913	ng	# 97
24) Nitrobenzene	9.20	77	486103	51.533	ng	98
25) Isophorone	9.73	82	879556	42.157	ng	100
26) 2-Nitrophenol	9.91	139	192033	62.458	ng	99
27) 2,4-Dimethylphenol	9.97	122	346469	46.654	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	518662	44.270	ng	100
29) 2,4-Dichlorophenol	10.45	162	356865	46.420	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	356590	41.863	ng	99
31) Naphthalene	10.85	128	1131657	42.914	ng	100
32) Benzoic acid	10.12	122	234308	51.165	ng	95
33) 4-Chloroaniline	10.95	127	159729	13.555	ng	98
34) Hexachlorobutadiene	11.15	225	200989	40.412	ng	98
35) Caprolactam	11.72	113	91924	31.494	ng	89
36) 4-Chloro-3-methylphenol	12.08	107	414397	47.327	ng	98
37) 2-Methylnaphthalene	12.46	142	816389	43.551	ng	99
38) 1-Methylnaphthalene	12.68	142	782885	44.253	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	348656	40.587	ng	98

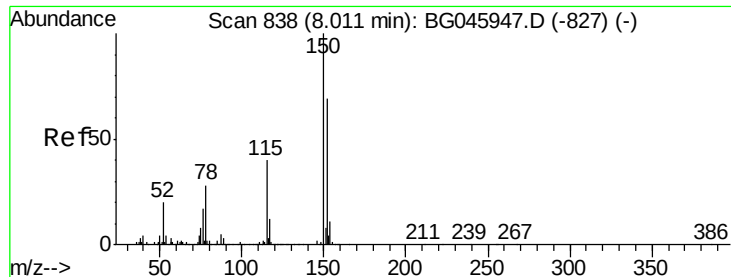
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046037.D
 Acq On : 14 Jul 2020 17:47
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 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	441609	86.638	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	271231	46.686	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	293345	44.658	ng	99
46) 1,1'-Biphenyl	13.46	154	990431	43.205	ng	99
47) 2-Chloronaphthalene	13.50	162	757877	41.901	ng	98
48) 2-Nitroaniline	13.70	65	291982	56.910	ng	98
49) Acenaphthylene	14.35	152	1238642	42.444	ng	100
50) Dimethylphthalate	14.09	163	1153748	50.448	ng	99
51) 2,6-Dinitrotoluene	14.19	165	220723	53.549	ng	95
52) Acenaphthene	14.69	154	874891	47.530	ng	97
53) 3-Nitroaniline	14.52	138	130010	27.276	ng	# 91
54) 2,4-Dinitrophenol	14.73	184	195447	124.079	ng	85
55) Dibenzofuran	15.03	168	1142861	42.356	ng	99
56) 4-Nitrophenol	14.84	139	448995	120.504	ng	96
57) 2,4-Dinitrotoluene	14.98	165	306440	57.519	ng	95
58) Fluorene	15.67	166	960214	43.380	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	251552	49.600	ng	99
60) Diethylphthalate	15.45	149	1036547	43.218	ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	453129	41.148	ng	97
62) 4-Nitroaniline	15.69	138	257996	54.582	ng	95
63) Azobenzene	15.96	77	1158427	45.001	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	145708	61.053	ng	94
66) n-Nitrosodiphenylamine	15.88	169	875499	42.197	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	299139	40.003	ng	98
68) Hexachlorobenzene	16.68	284	306334	40.823	ng	97
69) Atrazine	16.83	200	296095	48.269	ng	99
70) Pentachlorophenol	17.02	266	404332	96.915	ng	100
71) Phenanthrene	17.41	178	1517332	42.866	ng	99
72) Anthracene	17.50	178	1563906	43.536	ng	99
73) Carbazole	17.77	167	1543280	42.861	ng	99
74) Di-n-butylphthalate	18.34	149	1819149	41.809	ng	100
75) Fluoranthene	19.42	202	1805362	44.120	ng	99
77) Benzidine	19.59	184	687485	39.982	ng	99
78) Pyrene	19.78	202	1801261	43.880	ng	100
80) Butylbenzylphthalate	20.68	149	878905	45.308	ng	98
81) Benzo(a)anthracene	21.60	228	1653498	41.816	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	352958	24.156	ng	98
83) Chrysene	21.67	228	1598151	42.424	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1220651	43.349	ng	99
85) Di-n-octyl phthalate	22.74	149	2057189	42.099	ng	99
87) Indeno(1,2,3-cd)pyrene	28.35	276	2032967	45.261	ng	98
88) Benzo(b)fluoranthene	23.78	252	1781084	45.698	ng	97
89) Benzo(k)fluoranthene	23.85	252	1670762	45.335	ng	98
90) Benzo(a)pyrene	24.64	252	1631096	44.505	ng	99
91) Dibenzo(a,h)anthracene	28.43	278	1633847	45.100	ng	99
92) Benzo(g,h,i)perylene	29.47	276	1649261	45.238	ng	98

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

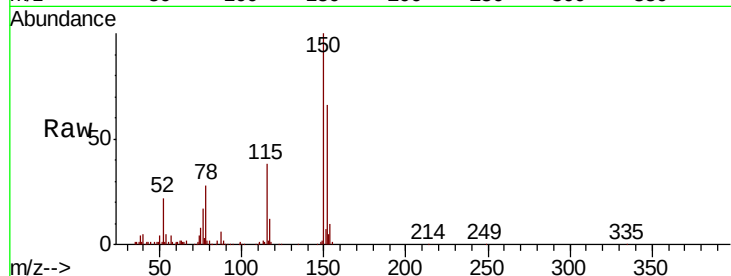


#1

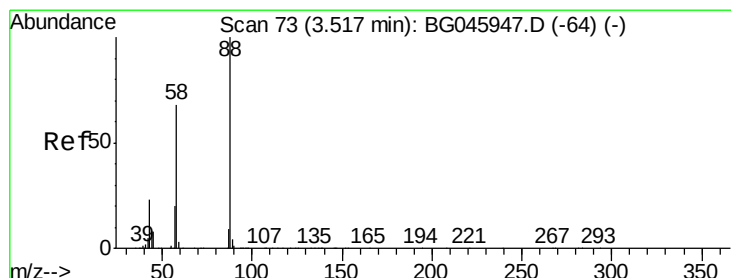
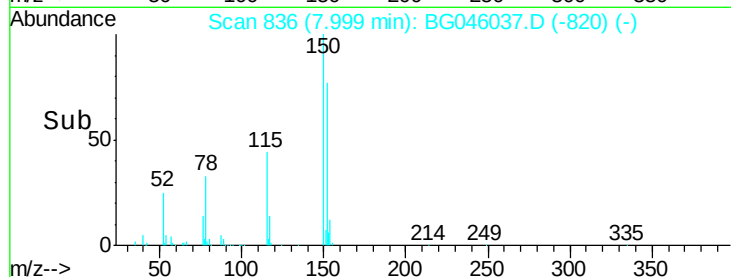
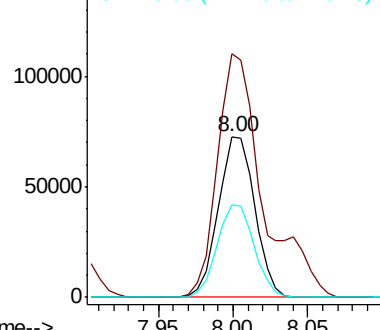
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Instrument :
BNA_G
ClientSampled :
TPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	116.7	175.1
115	57.3	47.4	71.0



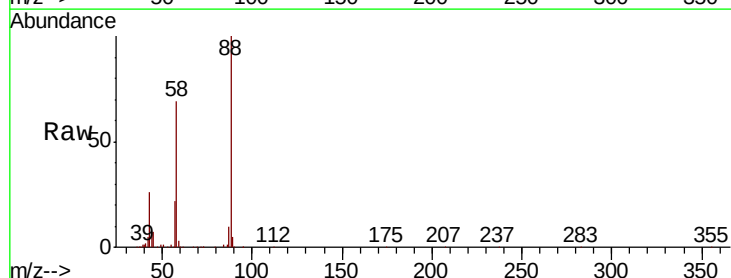
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



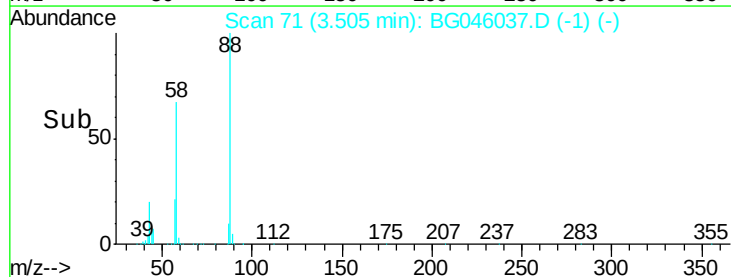
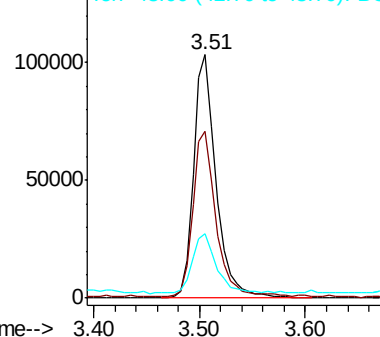
#2

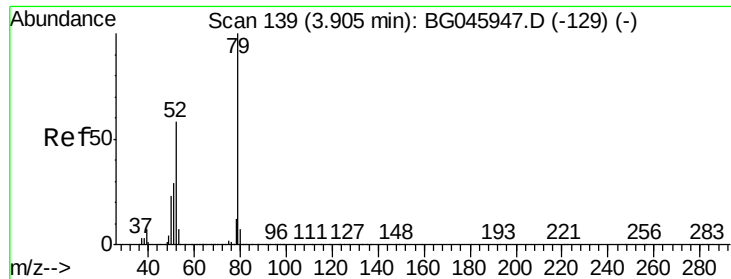
1,4-Dioxane
Concen: 43.956 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	55.2	82.8
43	25.5	19.4	29.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.311 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

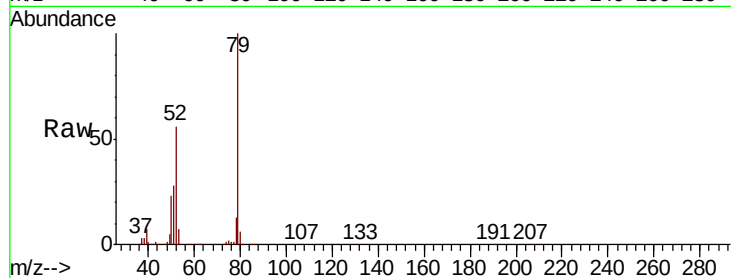
Tot Ion: 79 Resp: 434390

Ion Ratio Lower Upper

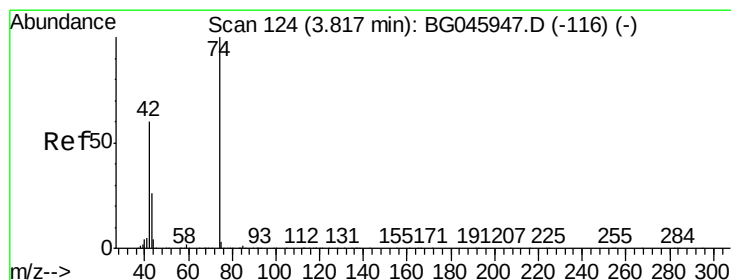
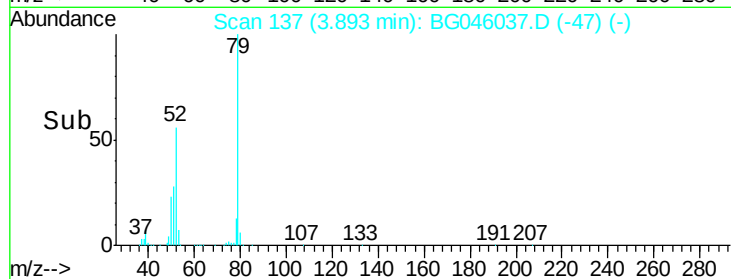
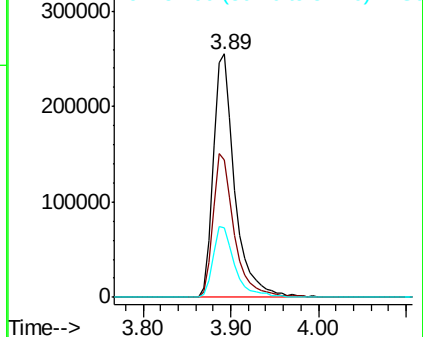
79 100

52 56.2 46.5 69.7

51 28.4 23.5 35.3



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



#4

n-Nitrosodimethylamine

Concen: 49.456 ng

RT: 3.80 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

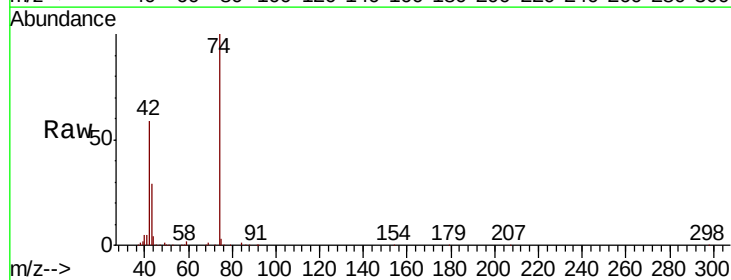
Tgt Ion: 42 Resp: 175850

Ion Ratio Lower Upper

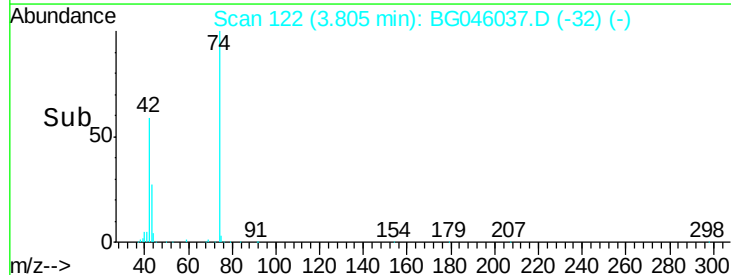
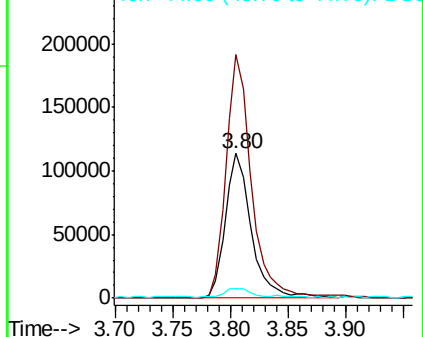
42 100

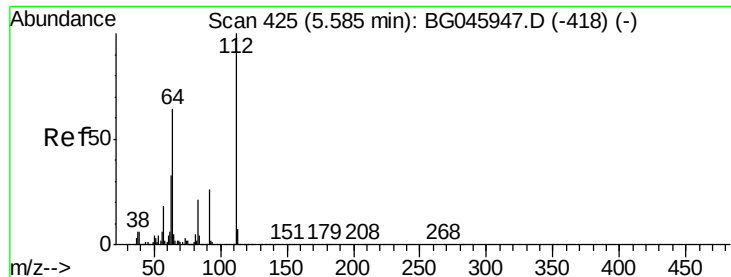
74 168.3 131.9 197.9

44 6.9 7.7 11.5#



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





#5

2-Fluorophenol

Concen: 98.948 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

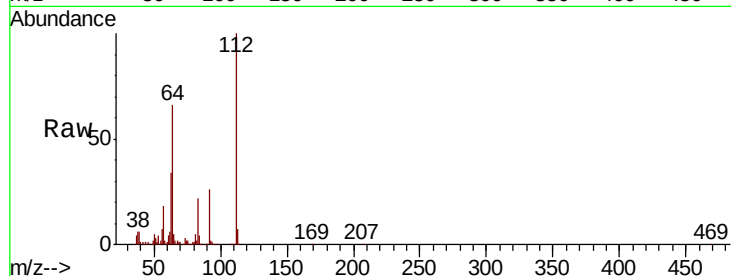
Tot Ion:112 Resp: 745844

Ion Ratio Lower Upper

112 100

64 66.4 51.4 77.2

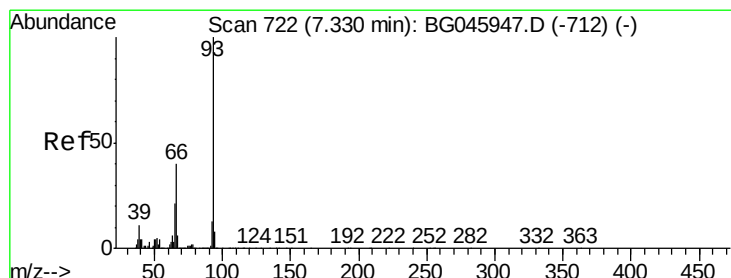
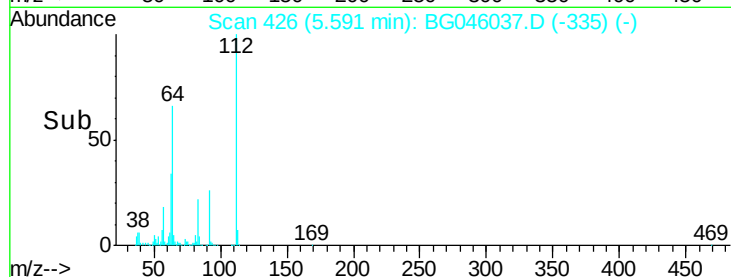
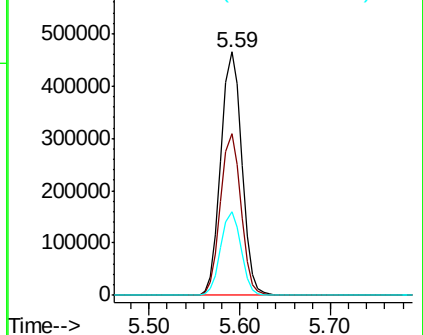
63 34.4 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.409 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

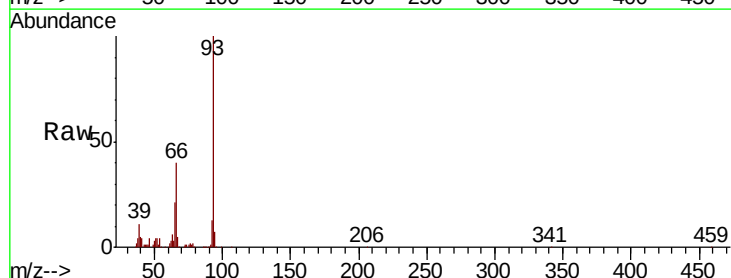
Tgt Ion: 93 Resp: 338862

Ion Ratio Lower Upper

93 100

66 40.1 32.3 48.5

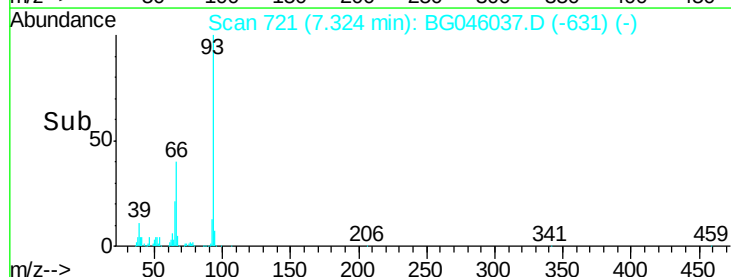
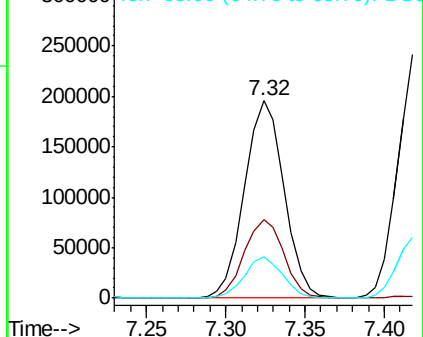
65 20.9 16.6 25.0

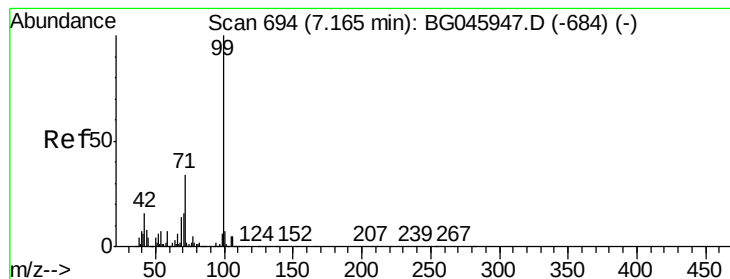


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.217 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

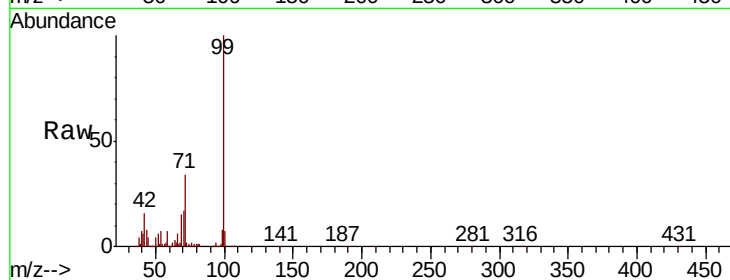
Tot Ion: 99 Resp: 1033308

Ion Ratio Lower Upper

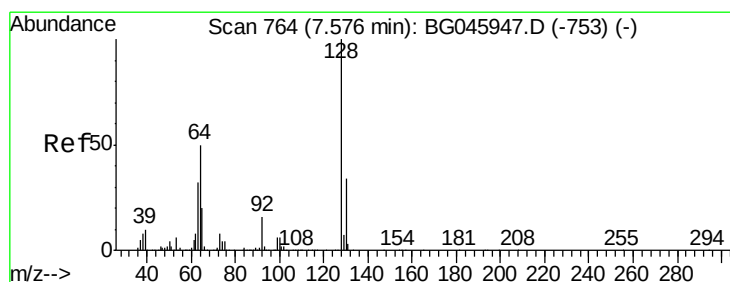
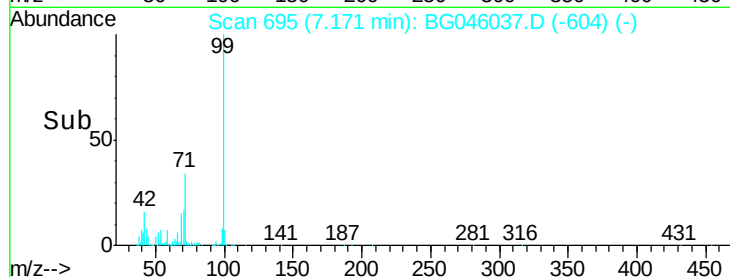
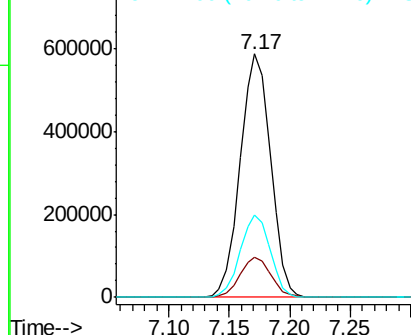
99 100

42 16.3 13.0 19.4

71 33.7 27.5 41.3



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



#8

2-Chlorophenol

Concen: 48.967 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

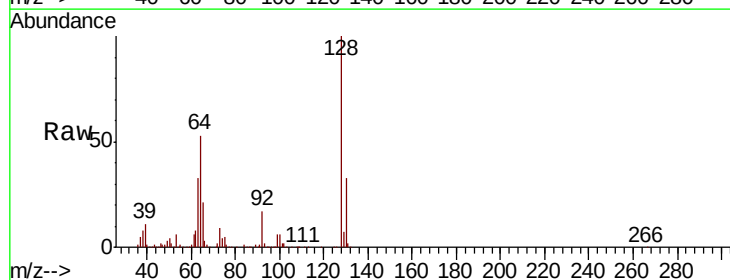
Tgt Ion: 128 Resp: 397330

Ion Ratio Lower Upper

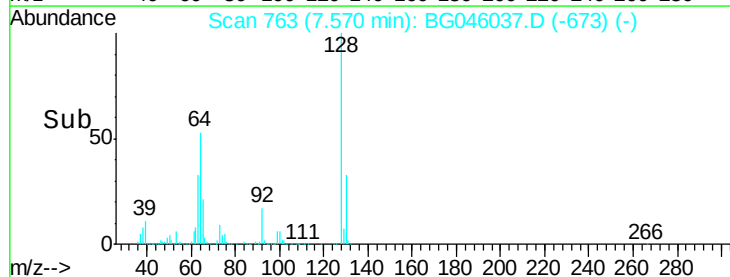
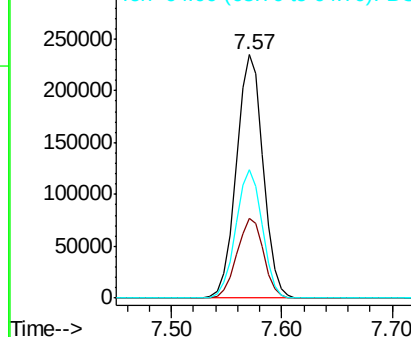
128 100

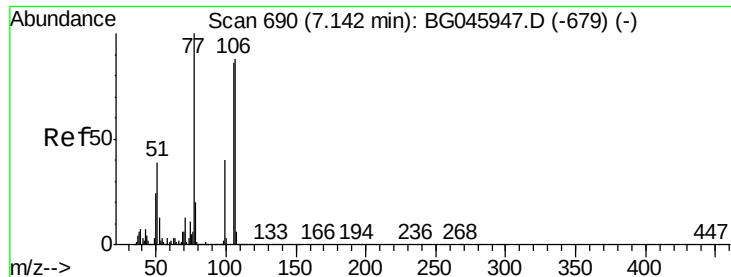
130 32.6 13.6 53.6

64 52.7 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: 20.461 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

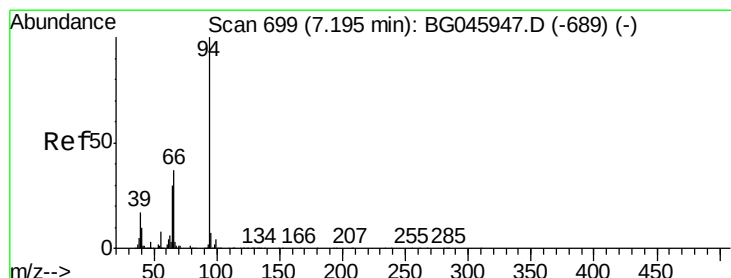
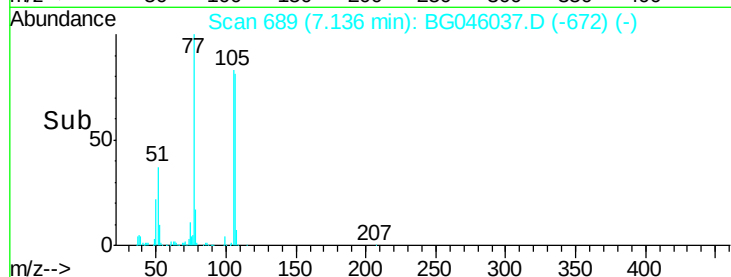
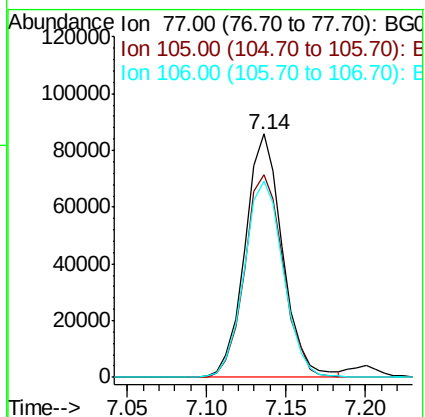
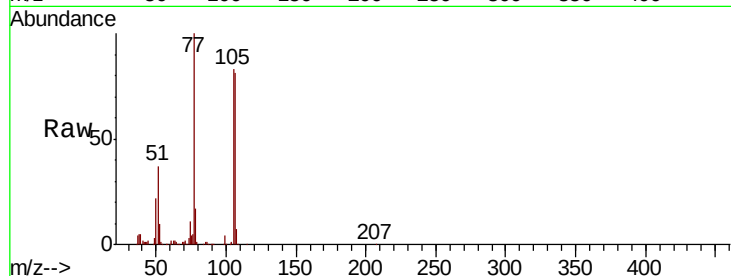
Tot Ion: 77 Resp: 140680

Ion Ratio Lower Upper

77 100

105 83.1 66.0 106.0

106 80.6 67.7 107.7



#10

Phenol

Concen: 49.751 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

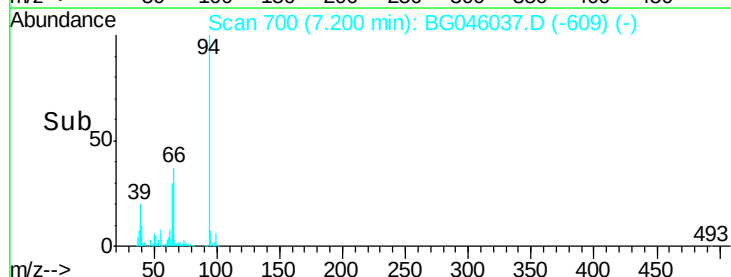
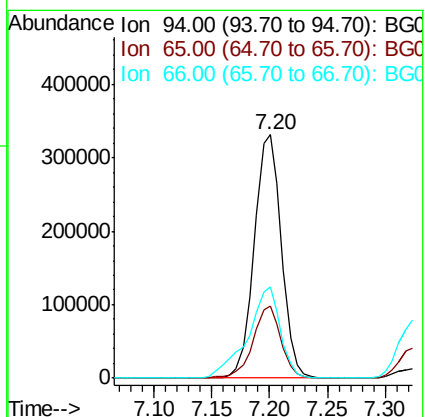
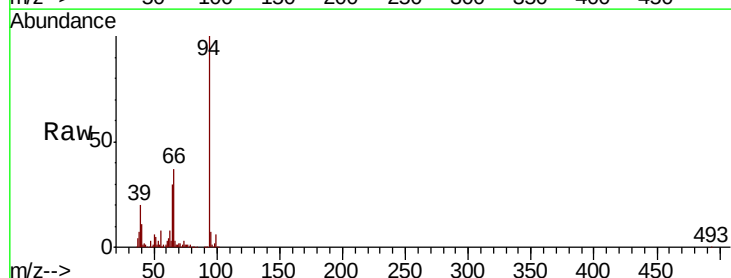
Tgt Ion: 94 Resp: 541591

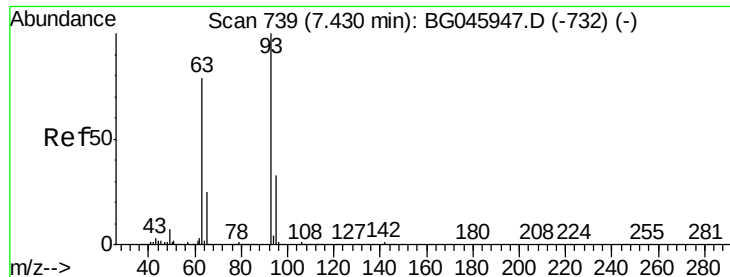
Ion Ratio Lower Upper

94 100

65 29.6 10.6 50.6

66 37.4 17.1 57.1

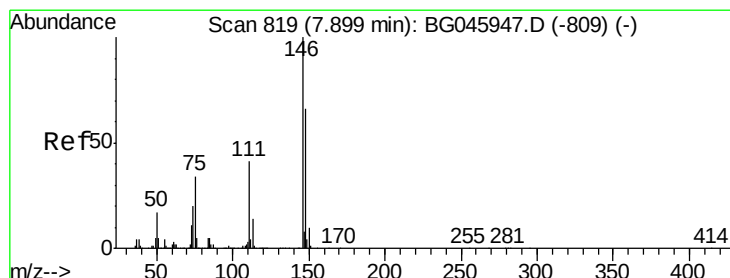
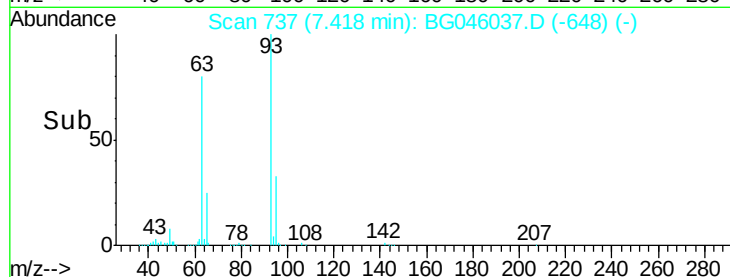
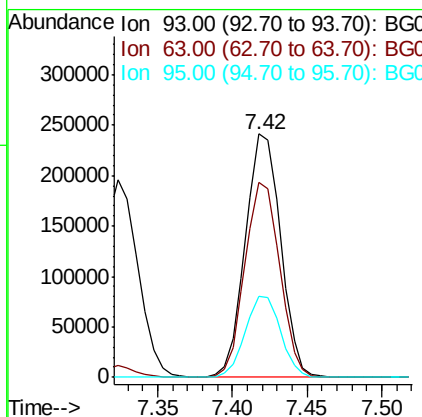
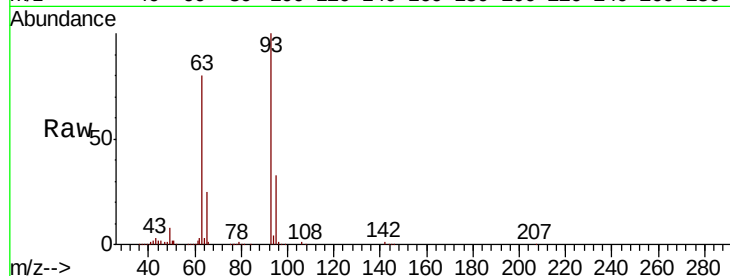




#11
bis(2-Chloroethyl)ether
Concen: 43.662 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

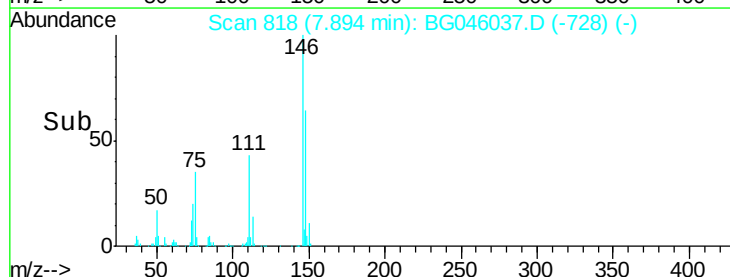
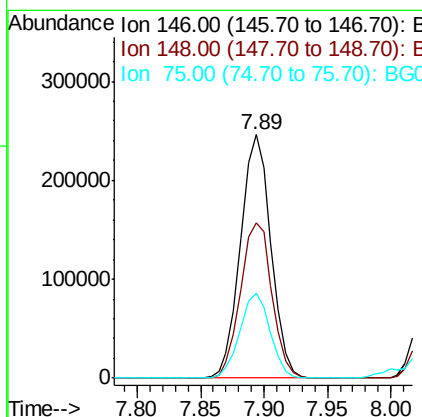
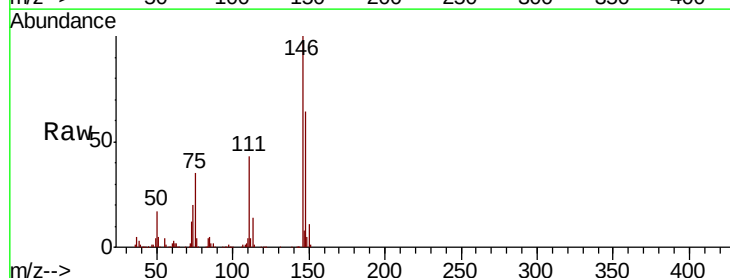
Instrument :
BNA_G
ClientSampleId :
TPMSD

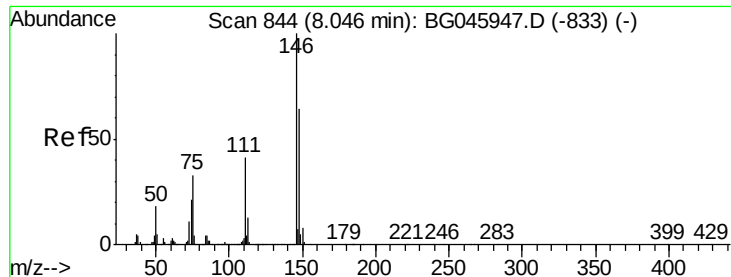
Tot Ion	93	Resp	393041
Ion	Ratio	Lower	Upper
93	100		
63	80.1	58.6	98.6
95	33.2	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 43.741 ng
RT: 7.89 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion	146	Resp	409101
Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.8	79.2
75	35.0	27.2	40.8

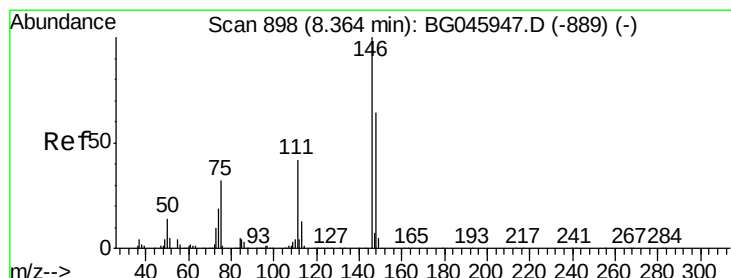
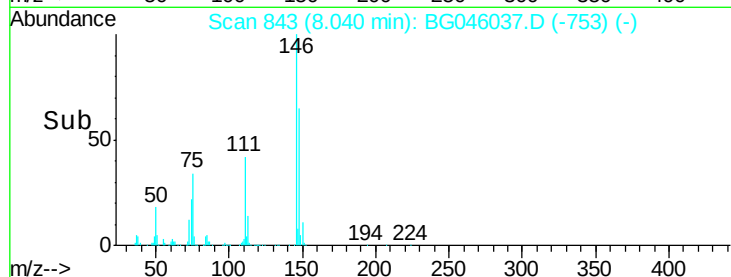
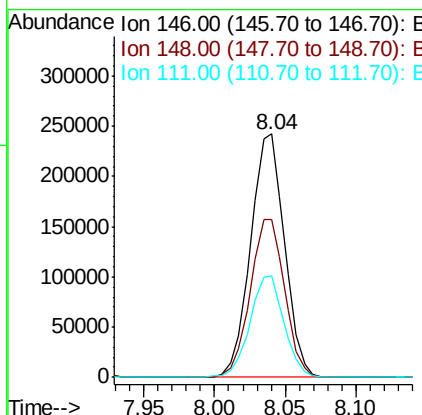
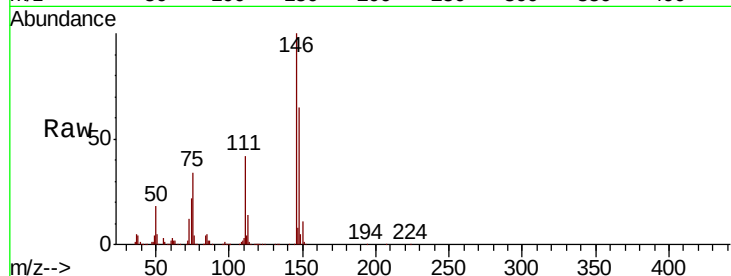




#13
 1,4-Dichlorobenzene
 Concen: 44.323 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

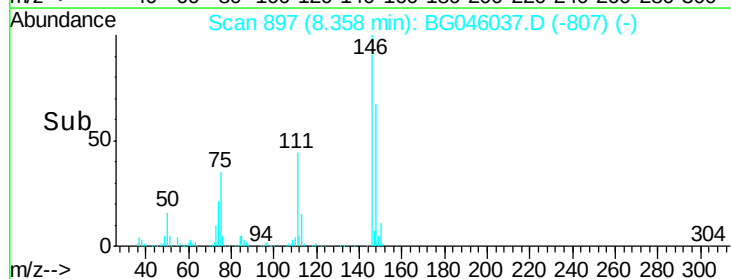
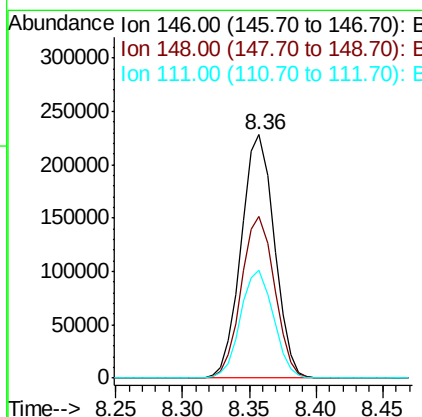
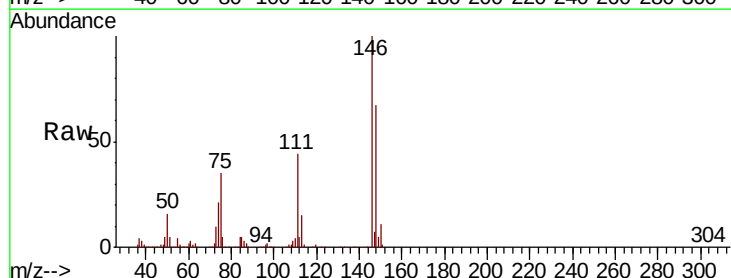
Instrument :
 BNA_G
 ClientSampleId :
 TPMSD

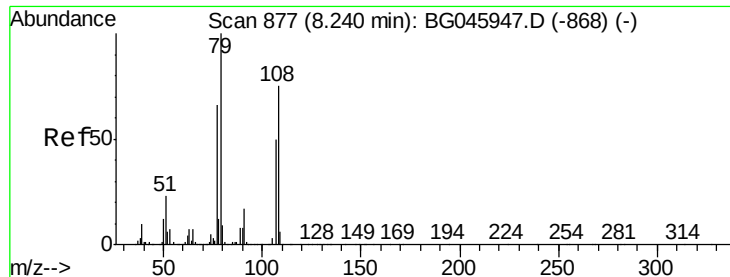
Tot Ion:146 Resp: 407794
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.7 77.5
 111 41.9 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 44.178 ng
 RT: 8.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

Tgt Ion:146 Resp: 391197
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.6 77.4
 111 44.1 34.0 51.0





#15

Benzyl Alcohol

Concen: 44.744 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampled :

TPMSD

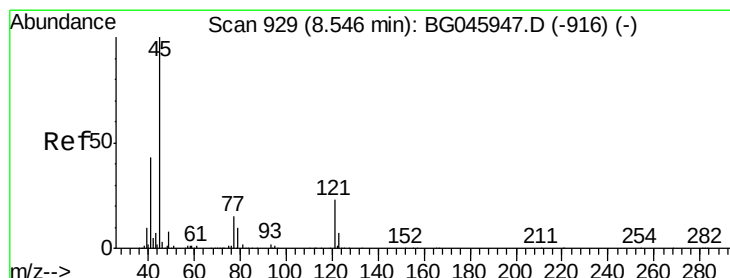
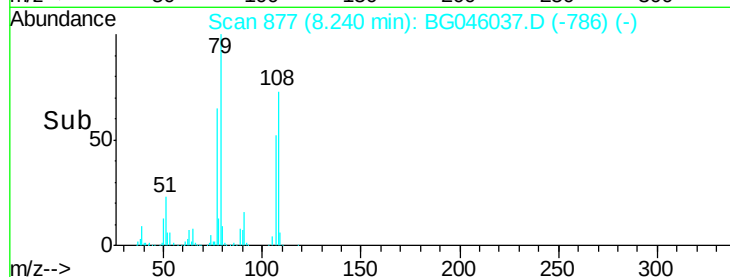
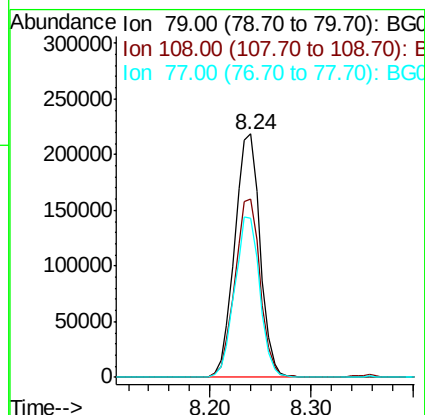
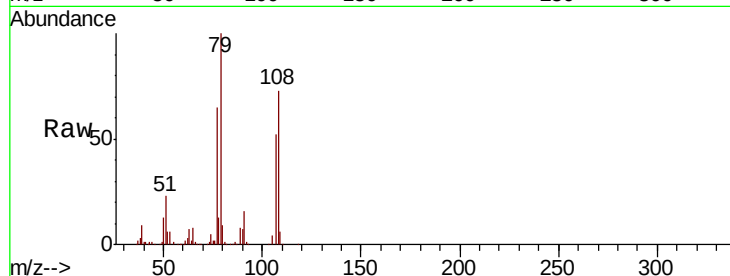
Tot Ion: 79 Resp: 380727

Ion Ratio Lower Upper

79 100

108 73.3 60.2 90.4

77 65.2 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.349 ng

RT: 8.53 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

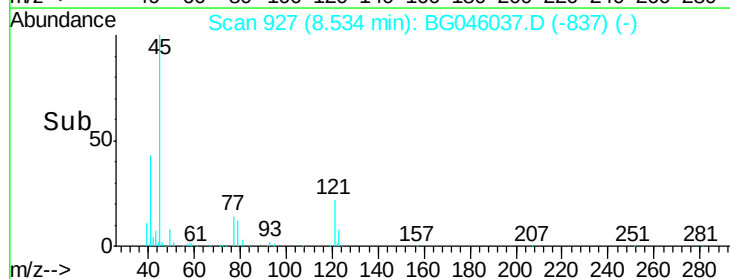
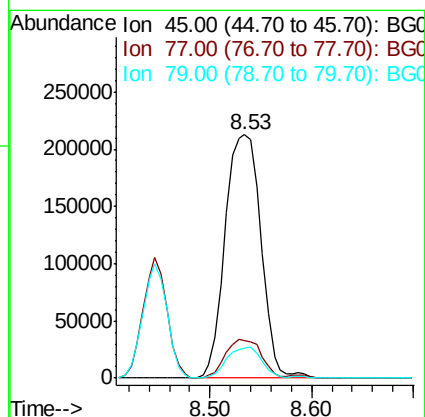
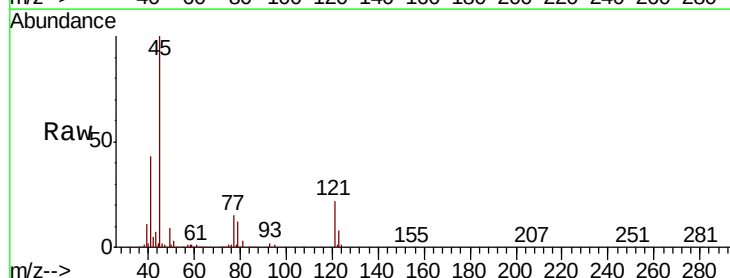
Tgt Ion: 45 Resp: 520874

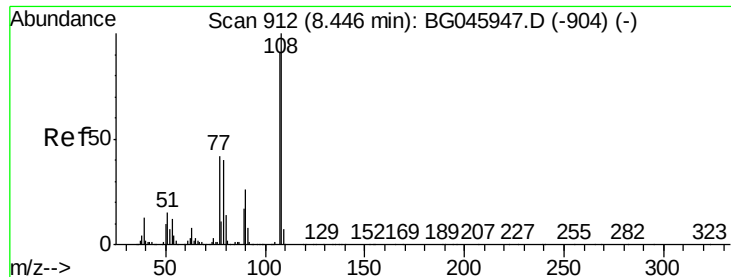
Ion Ratio Lower Upper

45 100

77 15.3 0.0 37.6

79 12.3 0.0 32.6

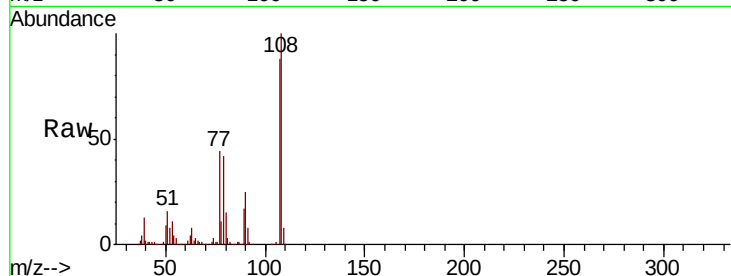




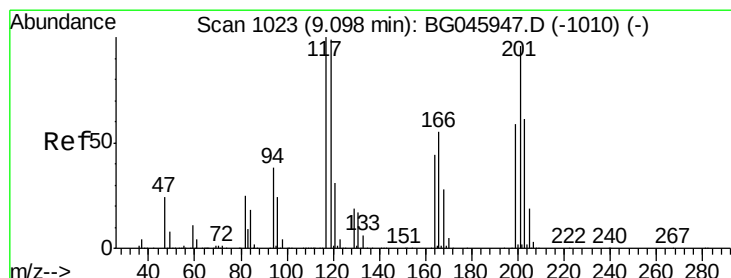
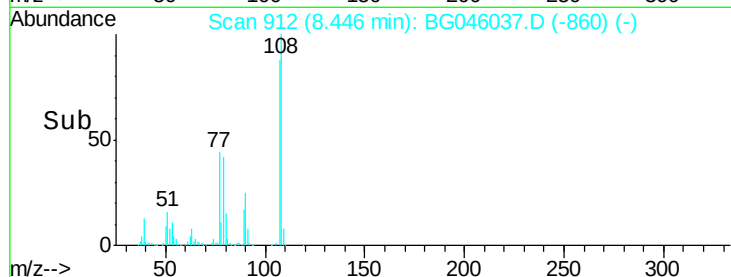
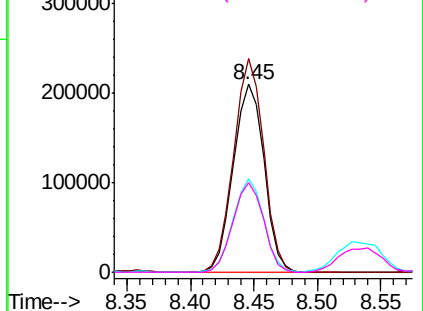
#17
2-Methylphenol
Concen: 43.286 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Instrument :
BNA_G
ClientSampleId :
TPMSD

Tot Ion:	107	Resp:	353577
Ion	Ratio	Lower	Upper
107	100		
108	113.9	88.2	132.4
77	50.1	37.0	55.4
79	47.5	35.4	53.0

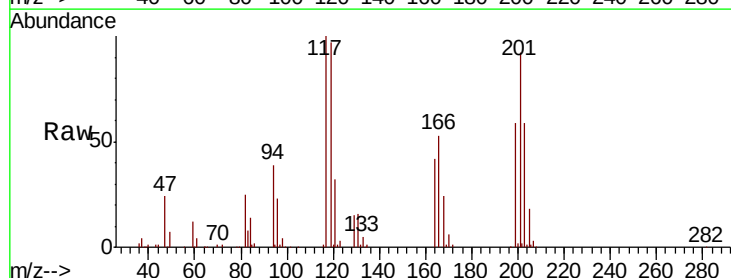


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

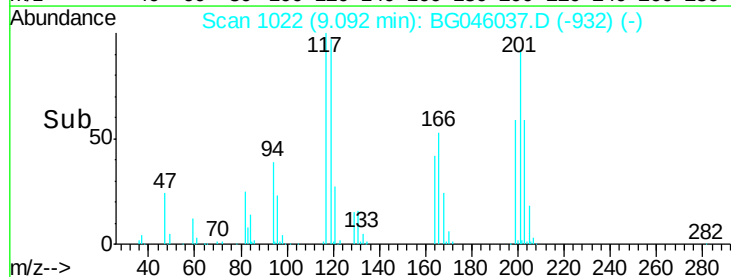
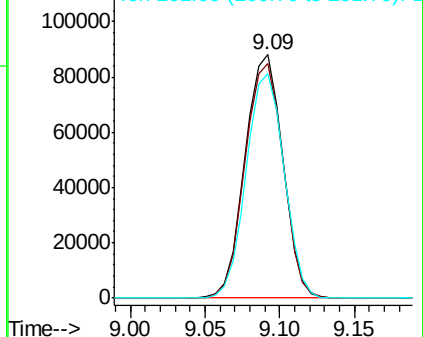


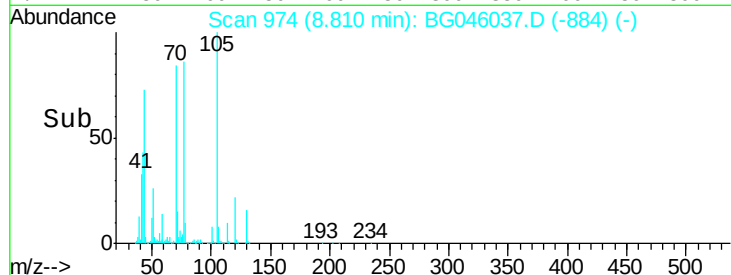
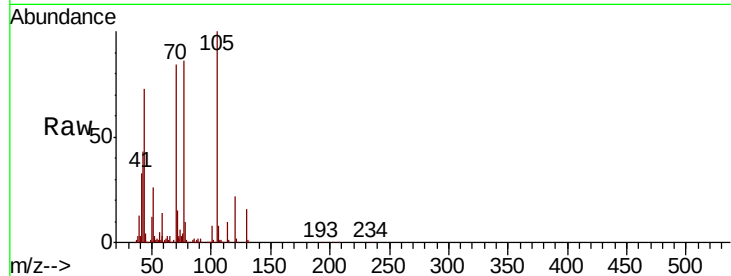
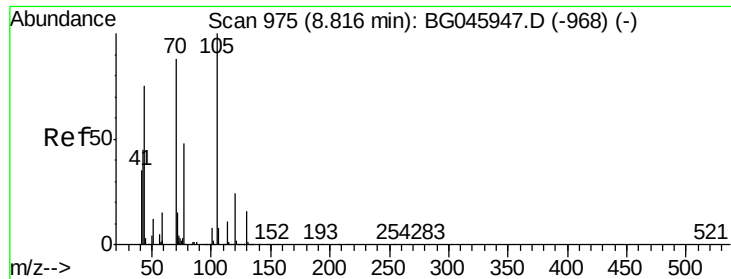
#18
Hexachloroethane
Concen: 43.655 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:	117	Resp:	154542
Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.5	119.3
201	92.1	77.0	115.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

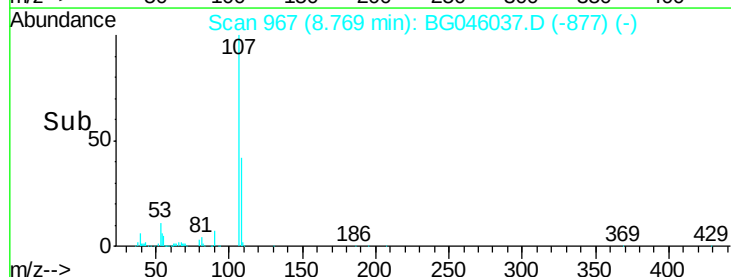
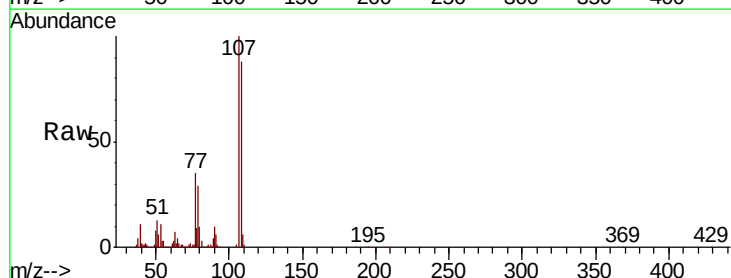
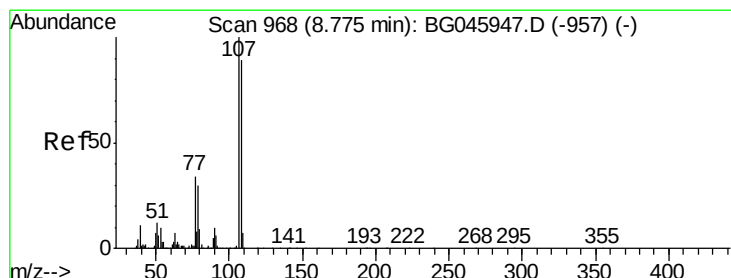
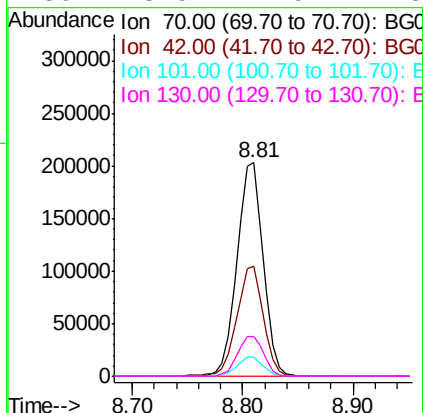




#19
n-Nitroso-di-n-propylamine
Concen: 44.201 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

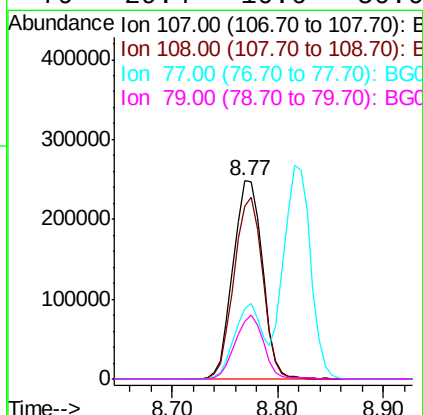
Instrument :
BNA_G
ClientSampleId :
TPMSD

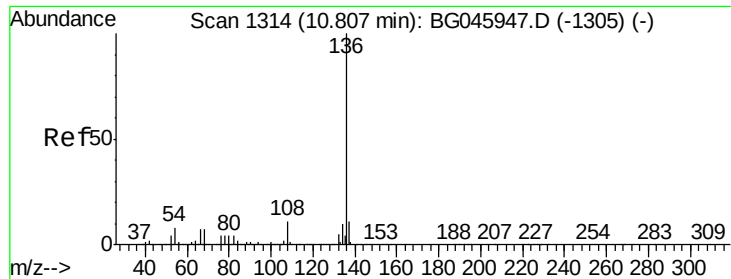
Tot Ion:	70	Resp:	336973
Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.4	62.0
101	9.1	7.1	10.7
130	18.5	14.9	22.3



#20
3+4-Methylphenols
Concen: 43.152 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:	107	Resp:	480386
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.7	108.7
77	35.4	14.6	54.6
79	29.4	10.6	50.6

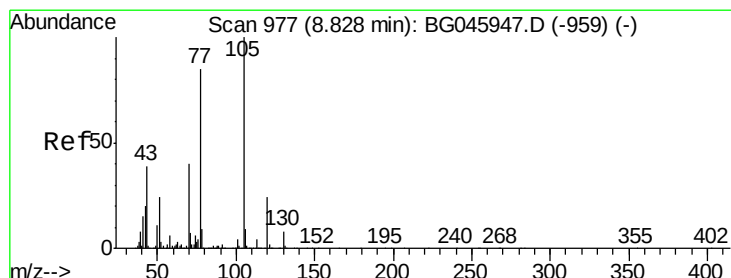
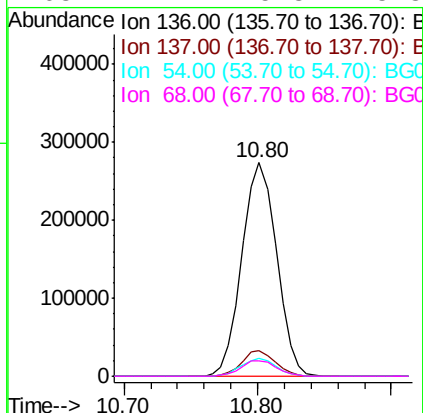
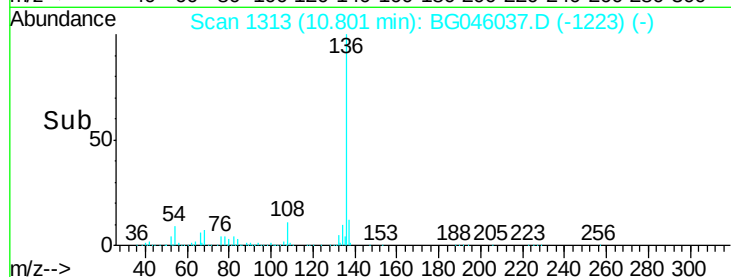
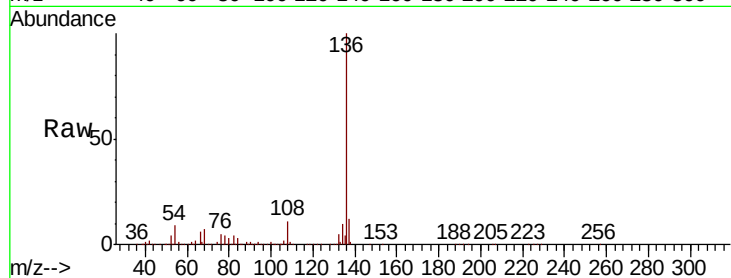




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

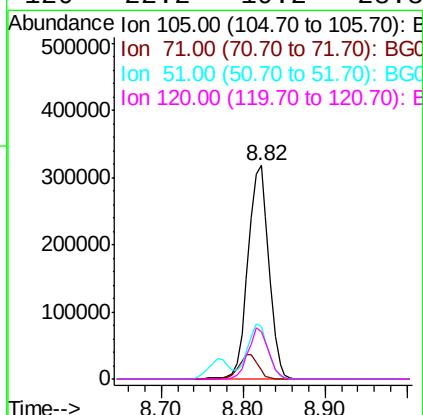
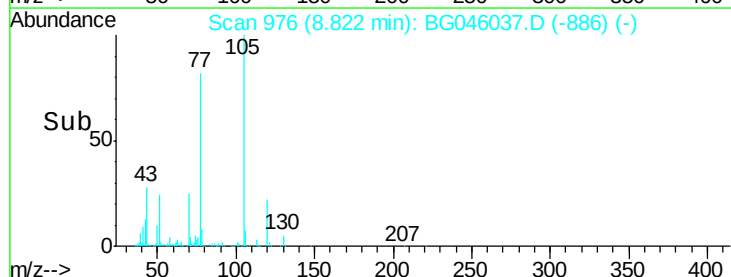
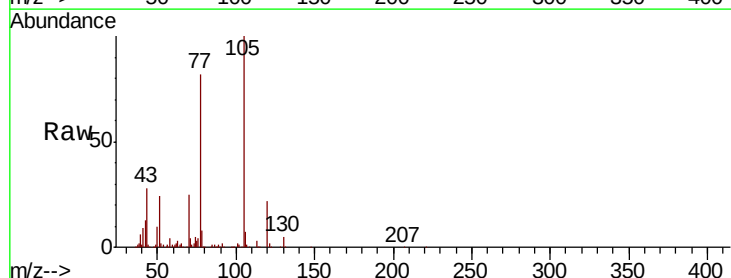
Instrument :
BNA_G
ClientSampleId :
TPMSD

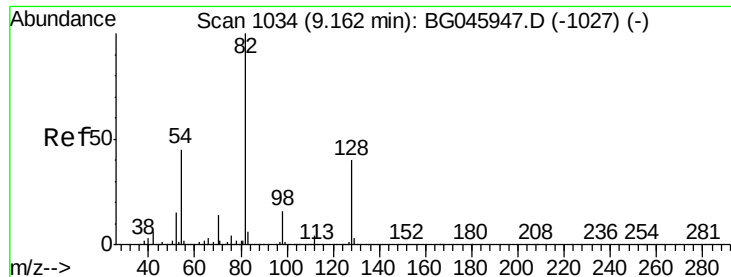
Tot Ion:136	Resp:	491913
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.2 13.8
54	8.5	6.2 9.4
68	7.1	5.8 8.8



#22
Acetophenone
Concen: 42.913 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:105	Resp:	563943
Ion	Ratio	Lower Upper
105	100	
71	4.0	6.2 9.2#
51	24.5	19.7 29.5
120	22.2	19.2 28.8

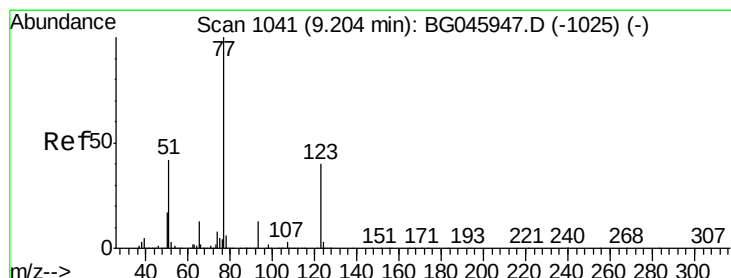
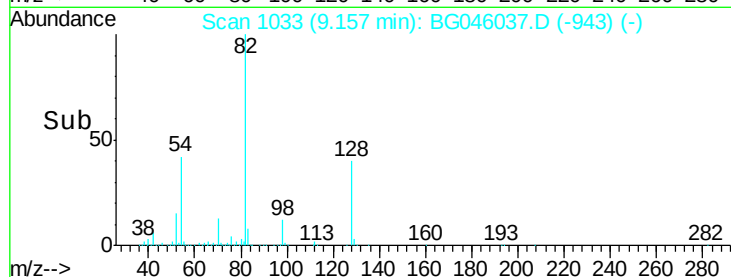
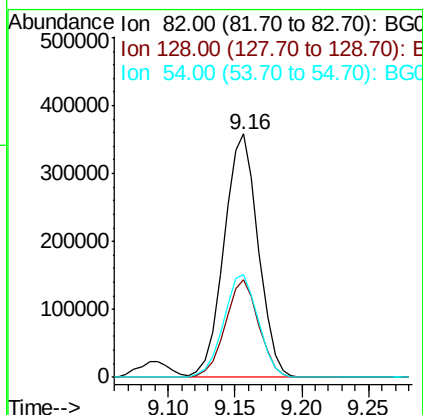
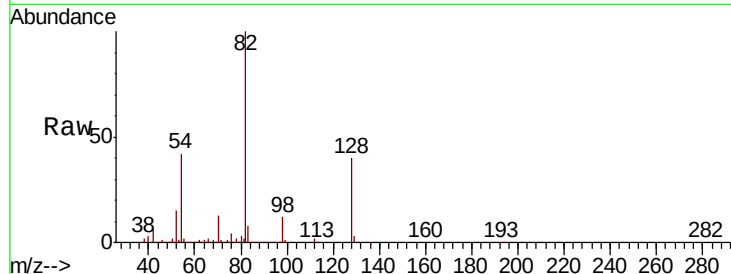




#23
 Nitrobenzene-d5
 Concen: 74.532 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

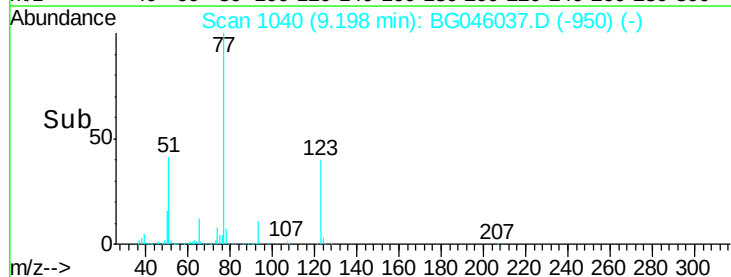
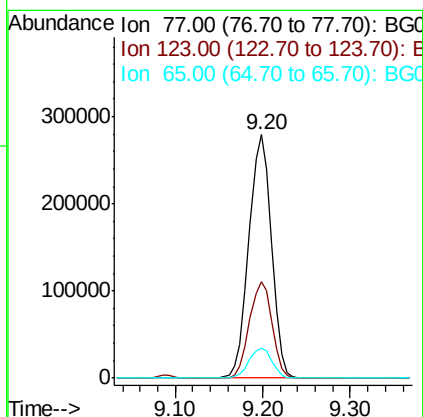
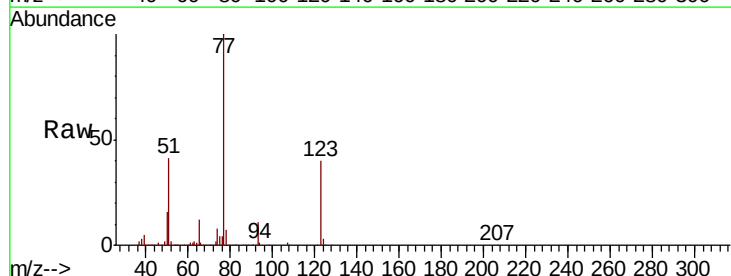
Instrument :
 BNA_G
 ClientSampleId :
 TPMSD

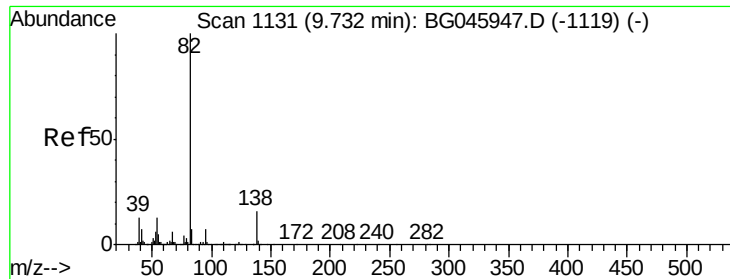
Tot Ion	82	Resp	636981
Ion Ratio	Lower	Upper	
82	100		
128	40.2	32.2	48.4
54	42.3	35.8	53.6



#24
 Nitrobenzene
 Concen: 51.533 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

Tgt Ion	77	Resp	486103
Ion Ratio	Lower	Upper	
77	100		
123	39.8	32.7	49.1
65	12.2	10.2	15.4

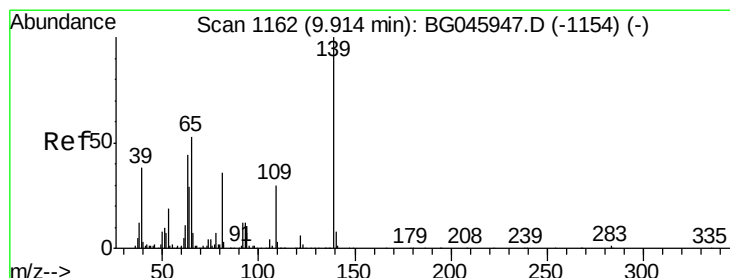
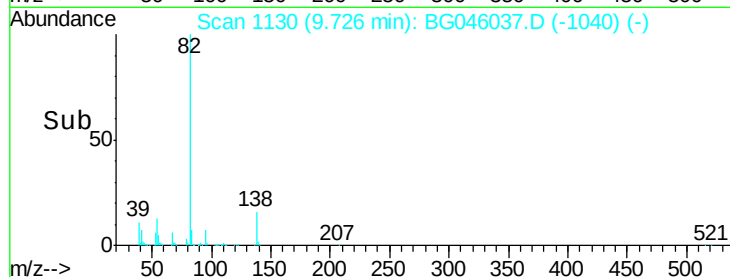
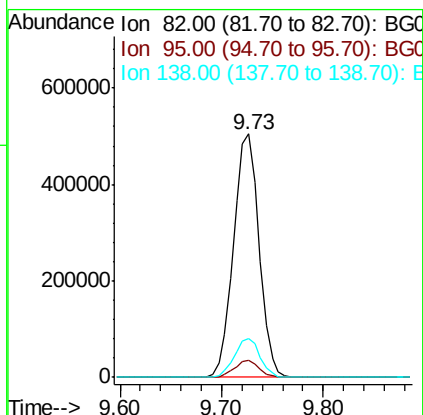
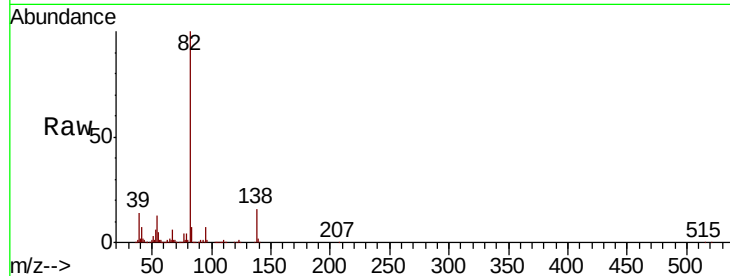




#25
Isophorone
Concen: 42.157 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

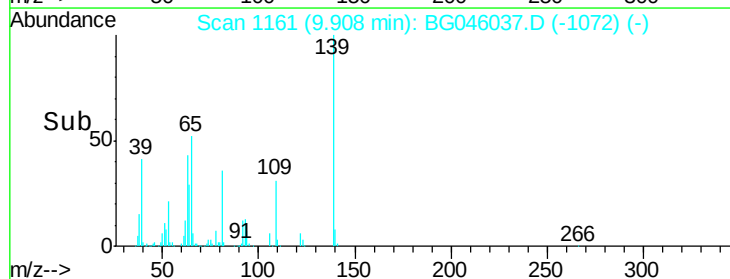
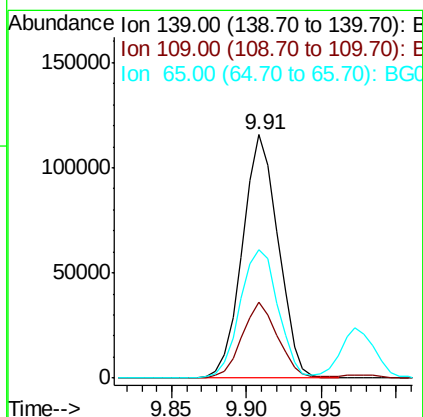
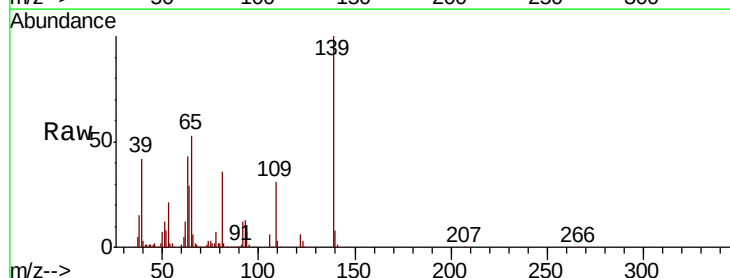
Instrument :
BNA_G
ClientSampleId :
TPMSD

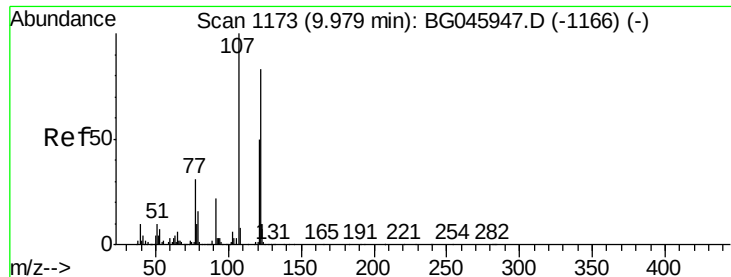
Tot Ion: 82 Resp: 879556
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 15.9 12.9 19.3



#26
2-Nitrophenol
Concen: 62.458 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion: 139 Resp: 192033
Ion Ratio Lower Upper
139 100
109 31.1 24.6 37.0
65 52.6 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 46.654 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

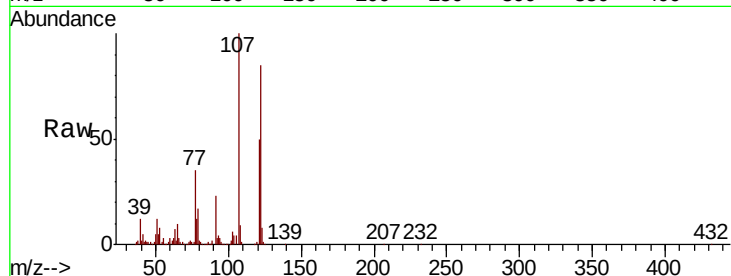
Tot Ion:122 Resp: 346469

Ion Ratio Lower Upper

122 100

107 117.7 95.6 143.4

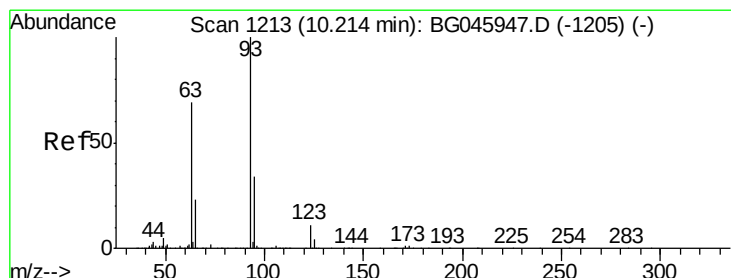
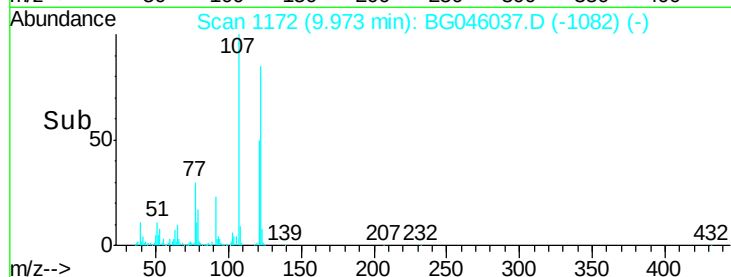
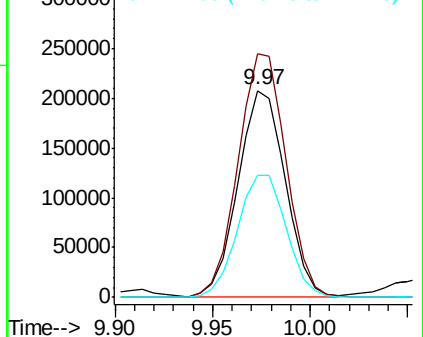
121 59.2 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.270 ng

RT: 10.21 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

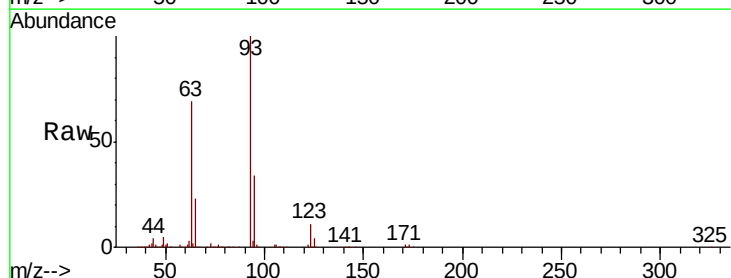
Tgt Ion: 93 Resp: 518662

Ion Ratio Lower Upper

93 100

95 34.2 27.5 41.3

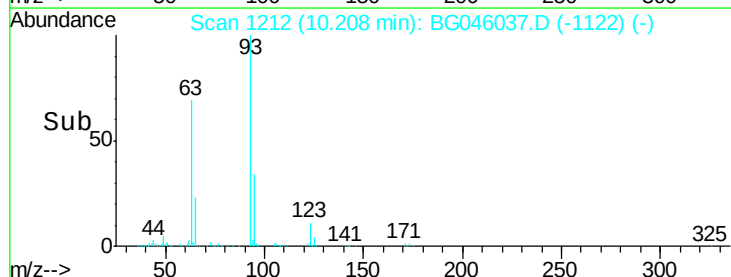
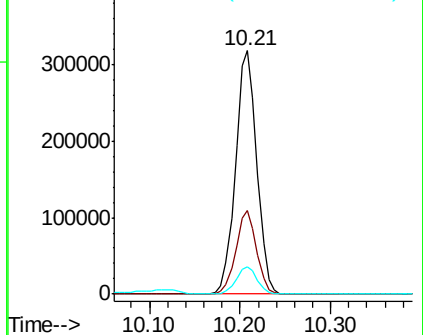
123 11.3 9.2 13.8

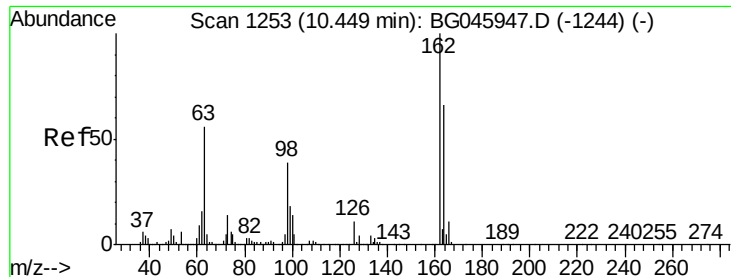


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

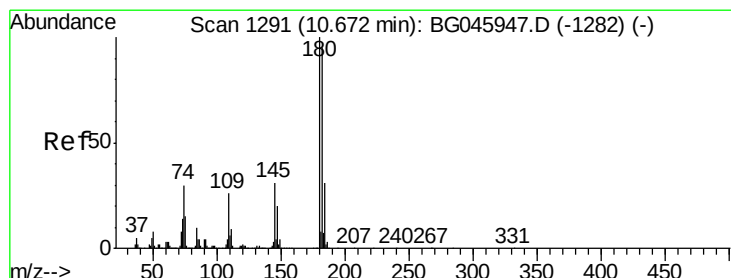
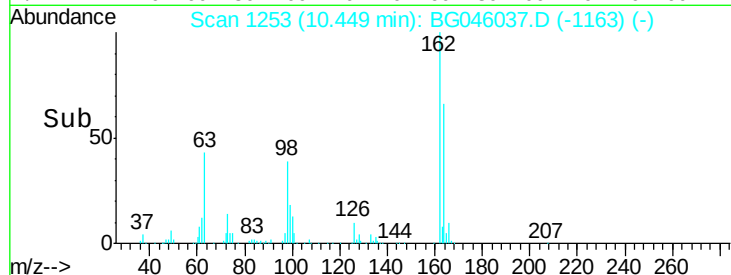
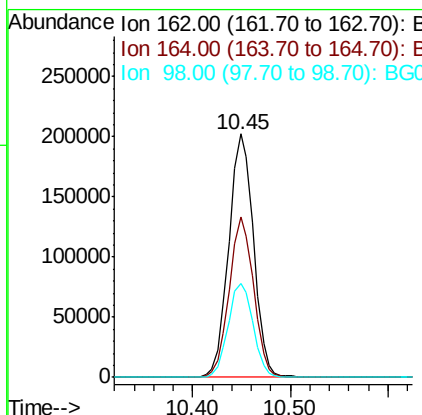
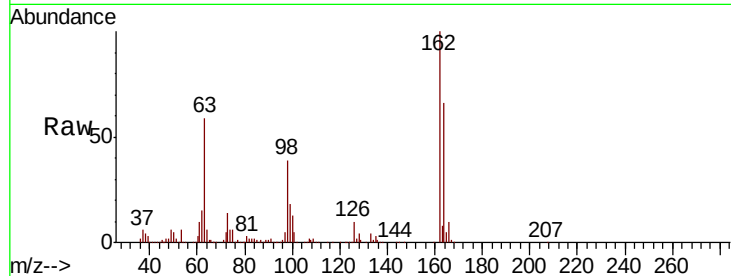




#29
 2,4-Dichlorophenol
 Concen: 46.420 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

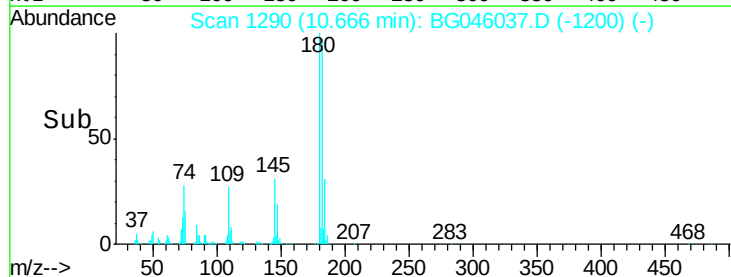
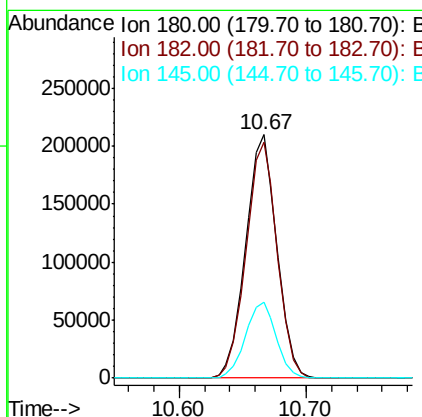
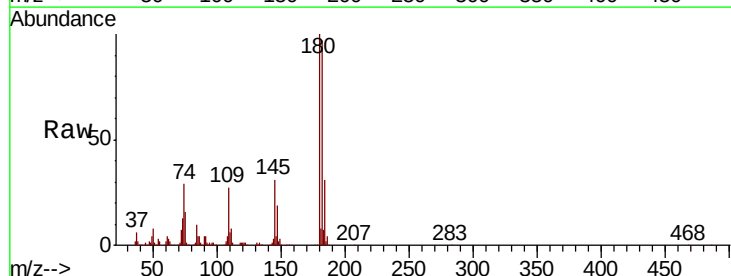
Instrument :
 BNA_G
 ClientSampleId :
 TPMSD

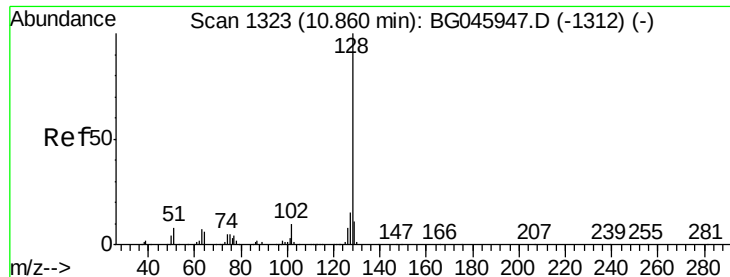
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	46.0	86.0
98	38.8	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.863 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.3	114.5
145	31.2	24.8	37.2

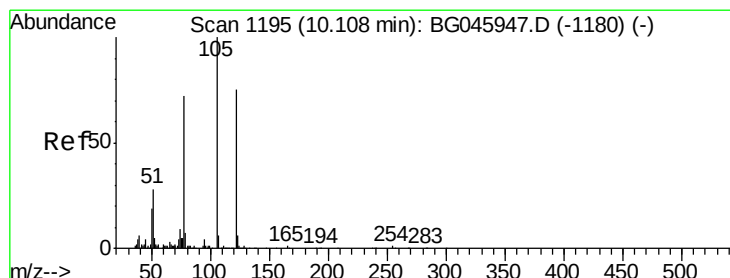
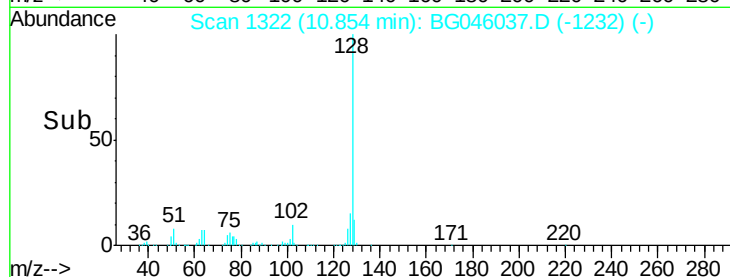
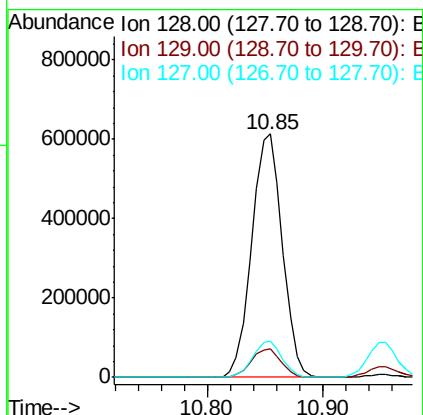
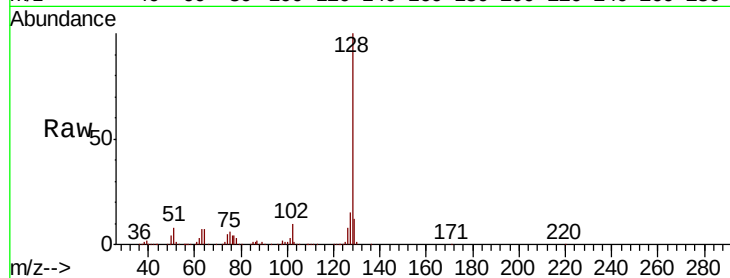




#31
Naphthalene
Concen: 42.914 ng
RT: 10.85 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

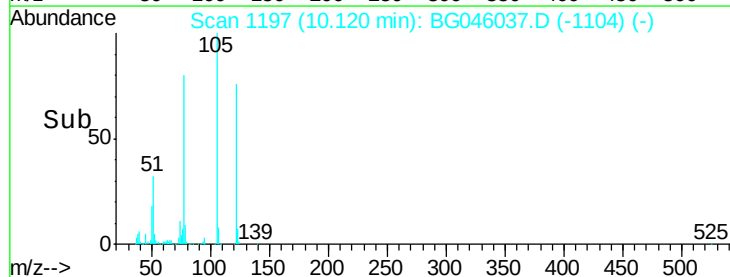
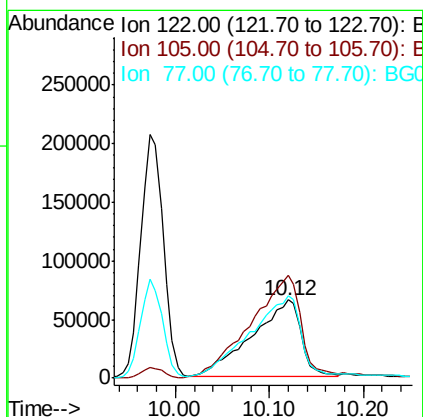
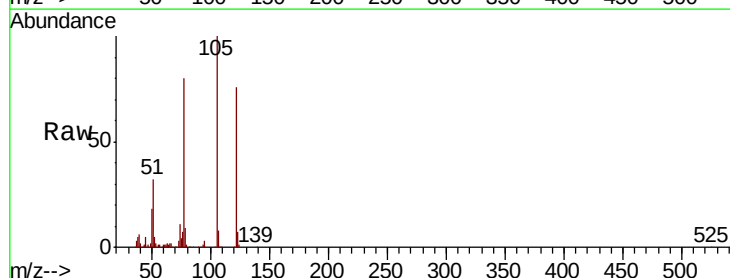
Instrument :
BNA_G
ClientSampleId :
TPMSD

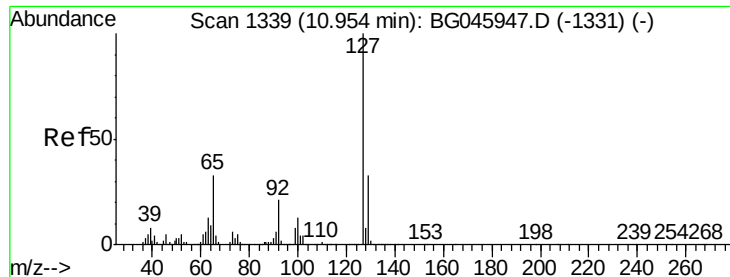
Tot Ion:128 Resp: 1131657
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 14.8 11.8 17.6



#32
Benzoic acid
Concen: 51.165 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:122 Resp: 234308
Ion Ratio Lower Upper
122 100
105 132.1 110.8 150.8
77 105.6 76.4 116.4

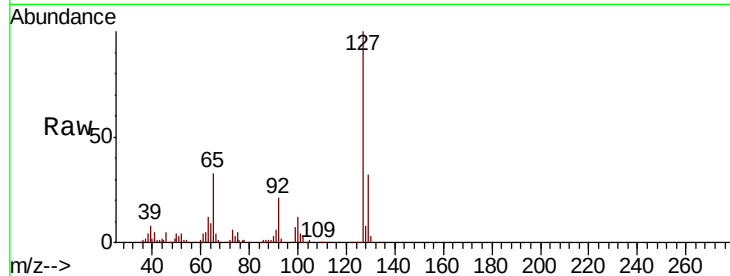




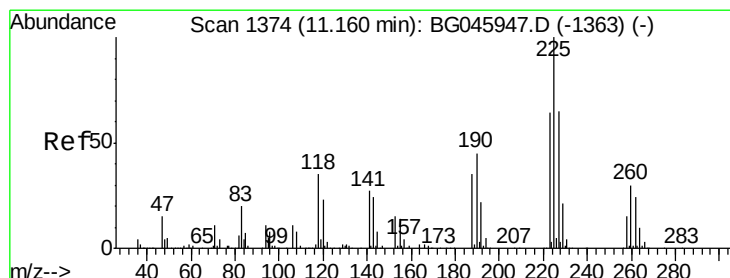
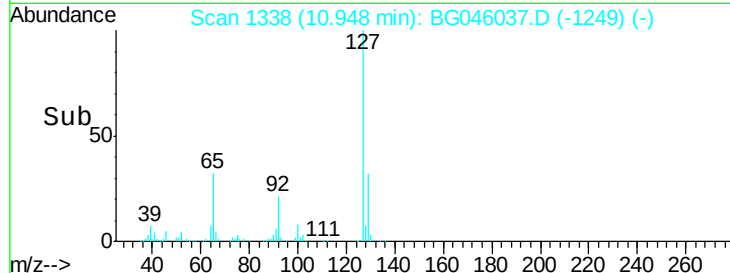
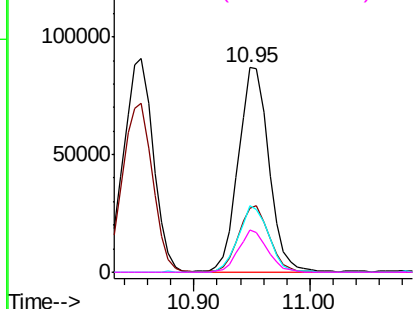
#33
4-Chloroaniline
Concen: 13.555 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Instrument :
BNA_G
ClientSampled :
TPMSD

Tot Ion:127	Resp:	159729
Ion Ratio	Lower	Upper
127	100	
129	31.6	26.6 39.8
65	32.5	26.8 40.2
92	20.9	17.0 25.4

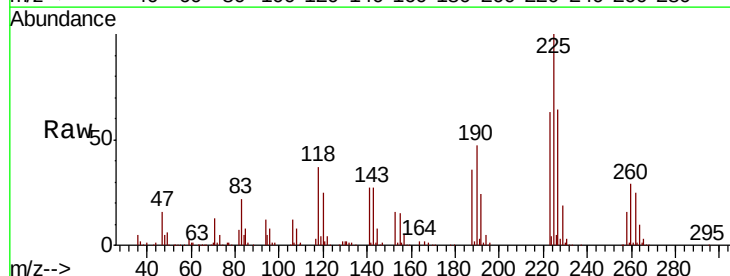


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

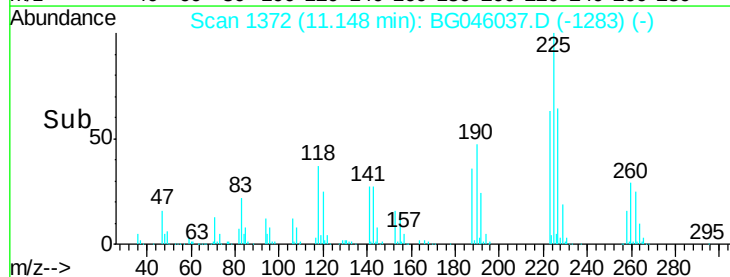
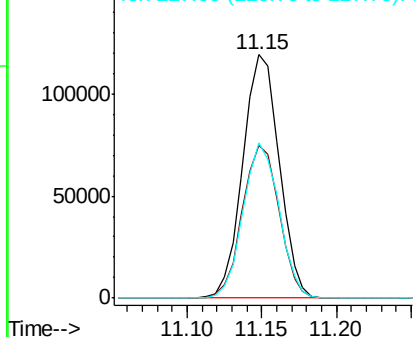


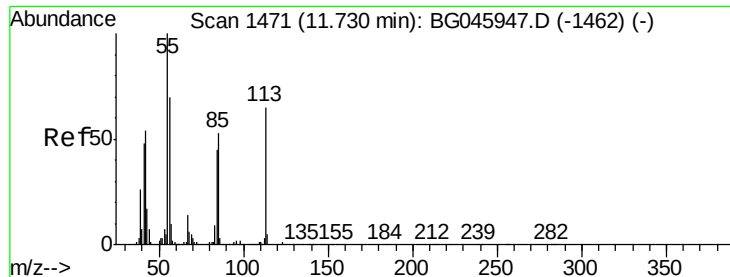
#34
Hexachlorobutadiene
Concen: 40.412 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:225	Resp:	200989
Ion Ratio	Lower	Upper
225	100	
223	62.7	51.2 76.8
227	63.8	52.3 78.5



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





#35

Caprolactam

Concen: 31.494 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

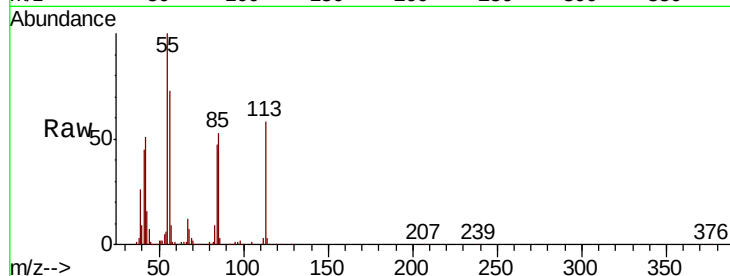
Tot Ion:113 Resp: 91924

Ion Ratio Lower Upper

113 100

55 172.5 141.6 181.6

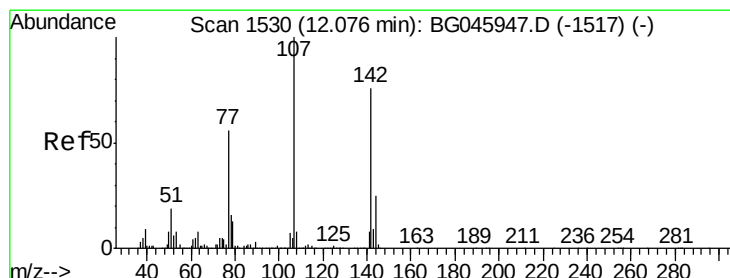
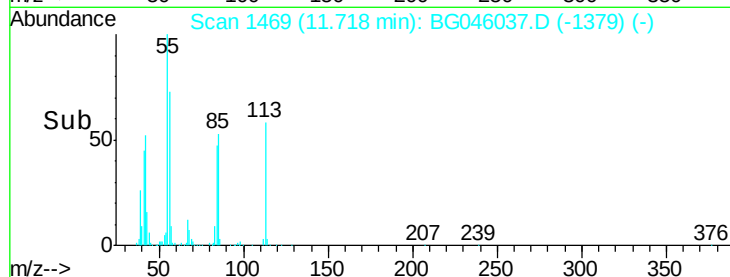
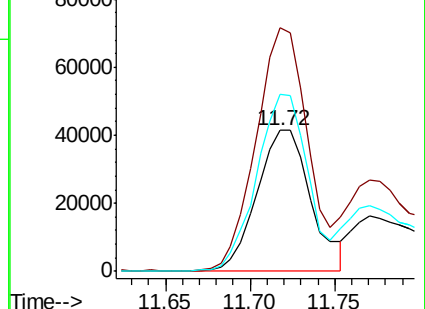
56 125.4 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.327 ng

RT: 12.08 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

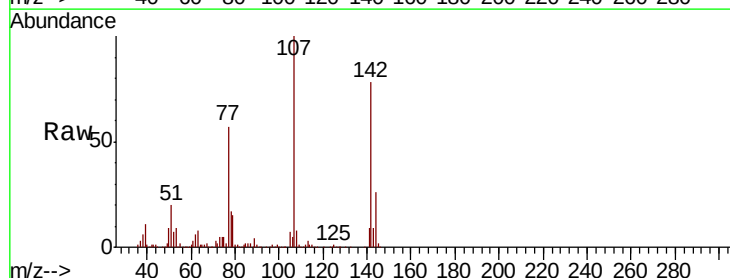
Tgt Ion:107 Resp: 414397

Ion Ratio Lower Upper

107 100

144 25.8 20.0 30.0

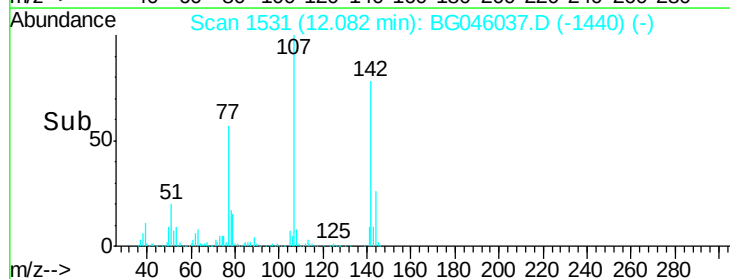
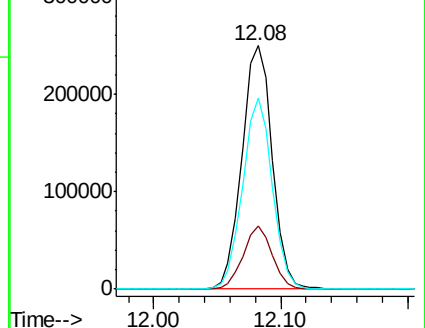
142 78.5 61.1 91.7

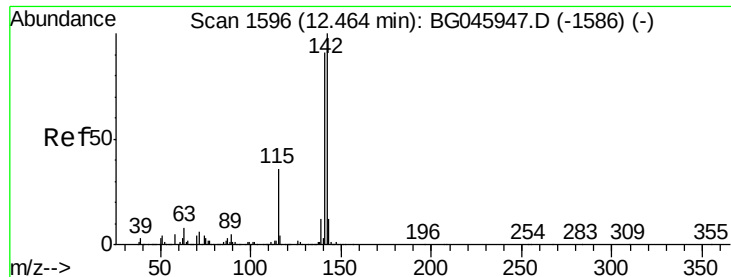


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

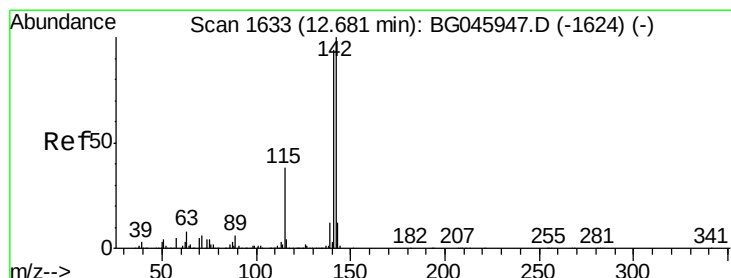
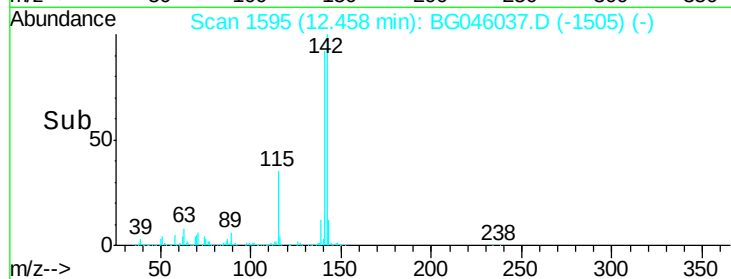
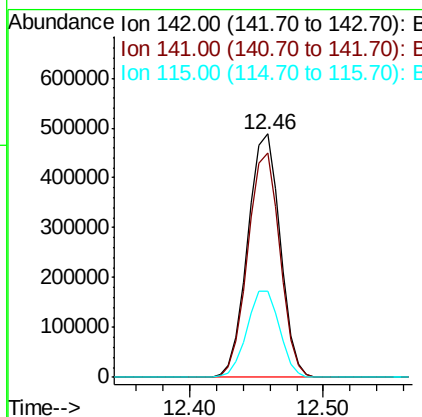
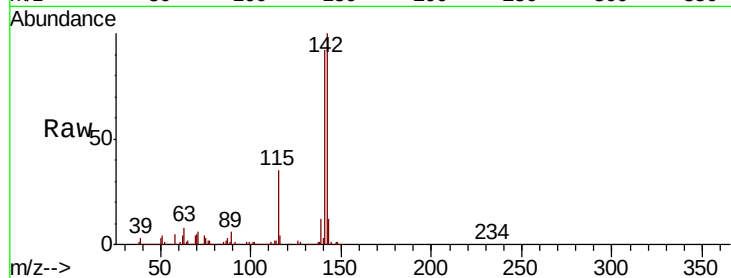




#37
 2-Methylnaphthalene
 Concen: 43.551 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

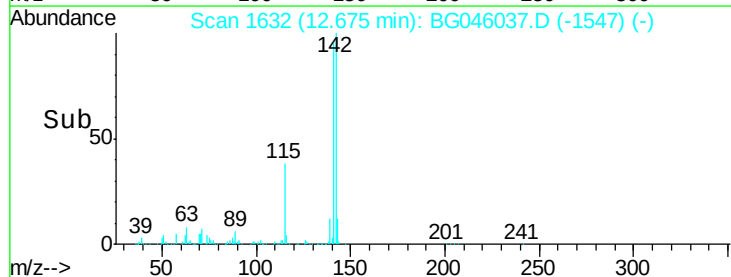
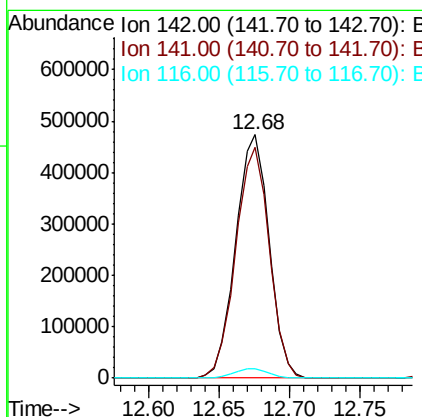
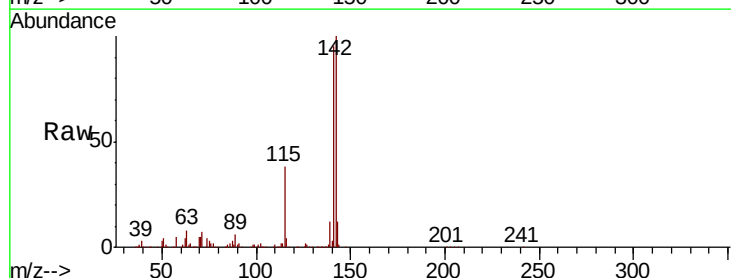
Instrument :
 BNA_G
 ClientSampleId :
 TPMSD

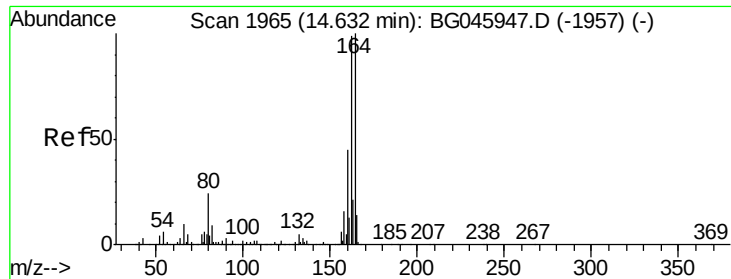
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.6
115	35.2	28.8	43.2



#38
 1-Methylnaphthalene
 Concen: 44.253 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.2	112.8
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

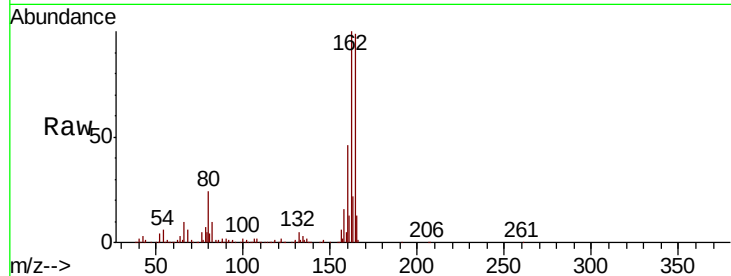
Tot Ion:164 Resp: 304738

Ion Ratio Lower Upper

164 100

162 100.6 79.3 118.9

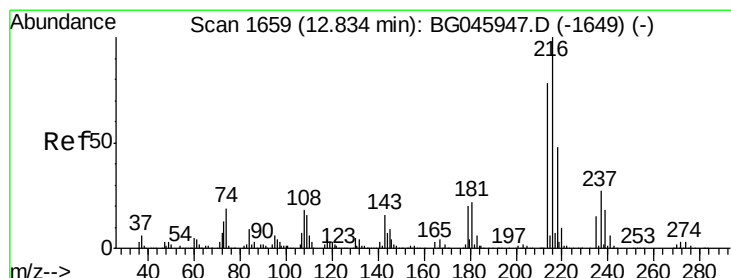
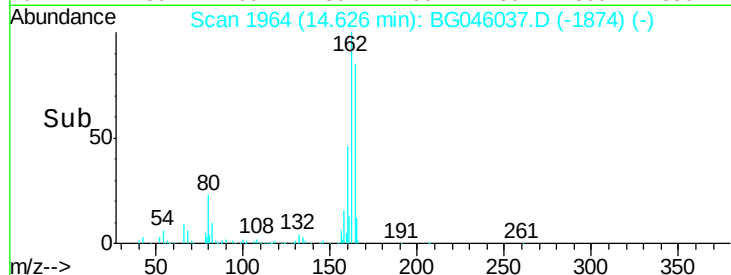
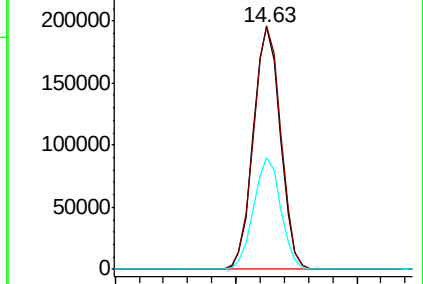
160 46.1 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.587 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Tgt Ion:216 Resp: 348656

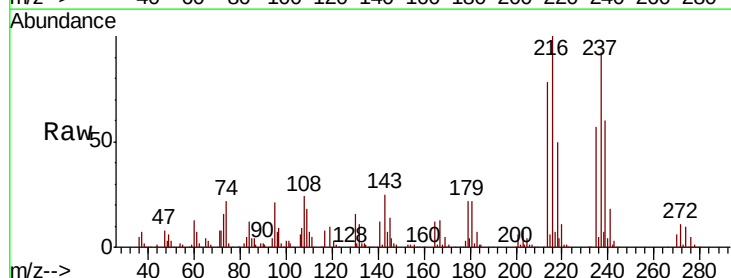
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 21.8 17.0 25.6

108 24.9 17.3 25.9

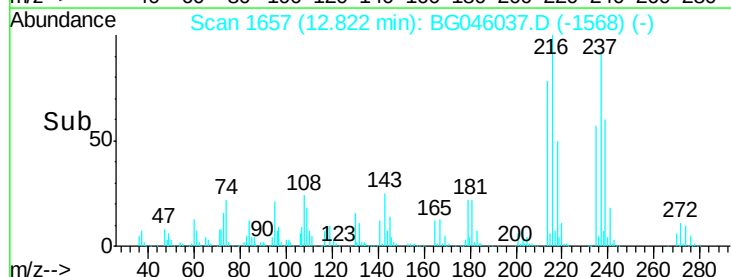
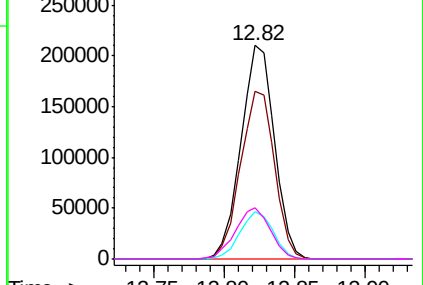


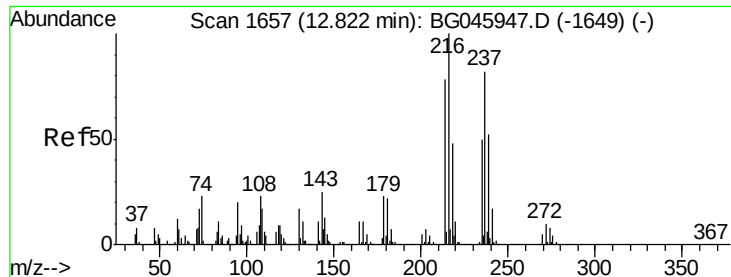
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

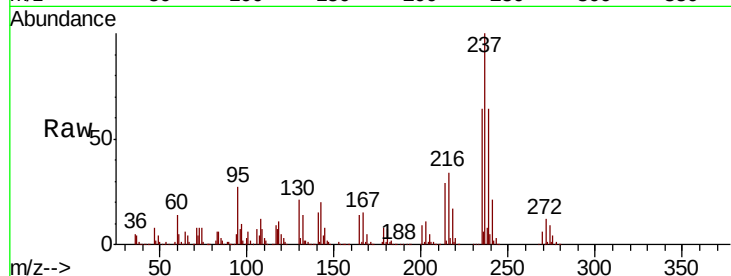




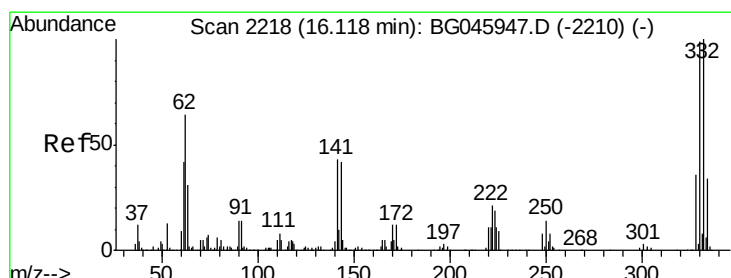
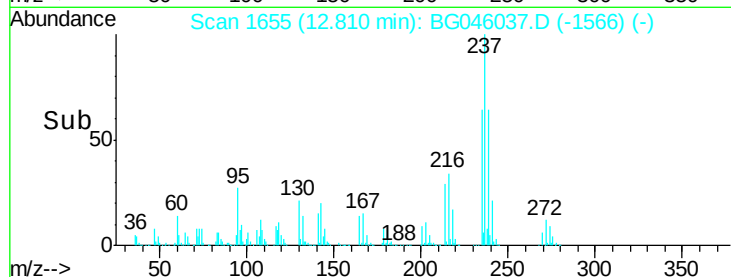
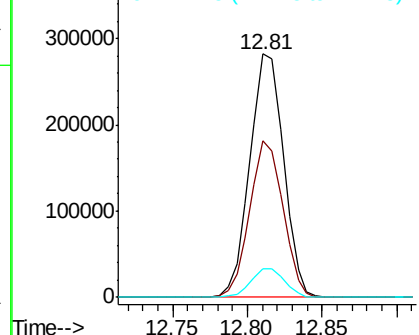
#41
Hexachlorocyclopentadiene
Concen: 86.638 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Instrument :
BNA_G
ClientSampleId :
TPMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.4	41.5	81.5
272	12.0	0.0	31.7

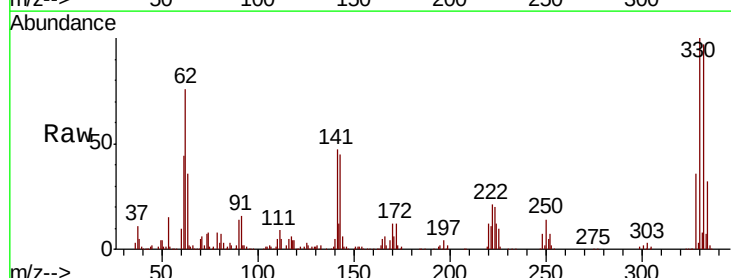


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

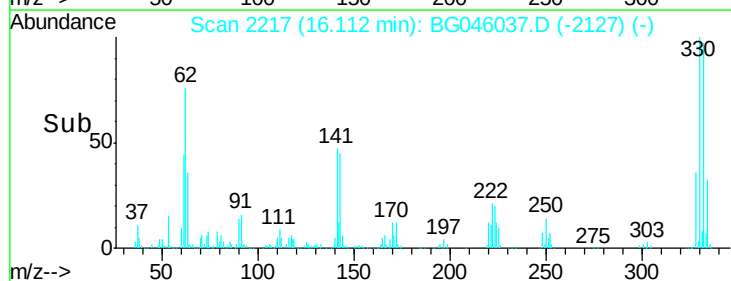
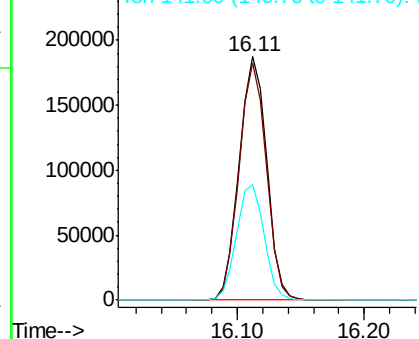


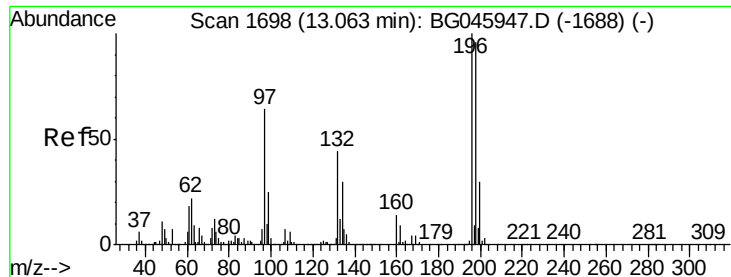
#42
2,4,6-Tribromophenol
Concen: 99.262 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.3	117.5
141	47.6	36.6	54.8



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

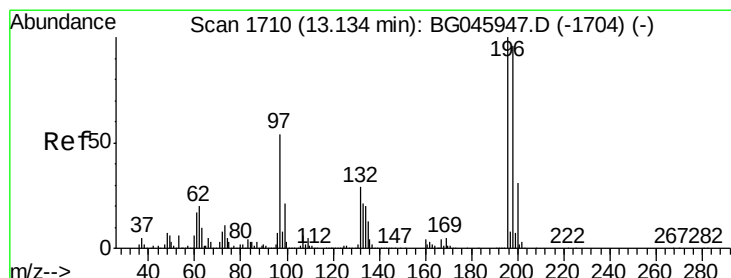
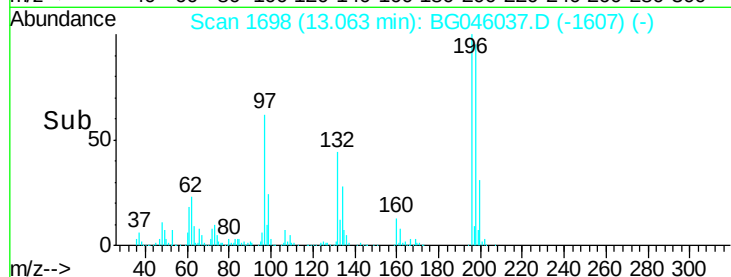
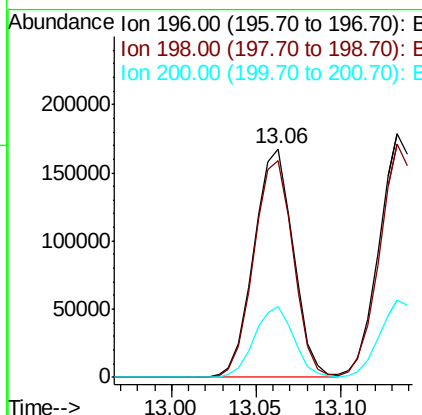
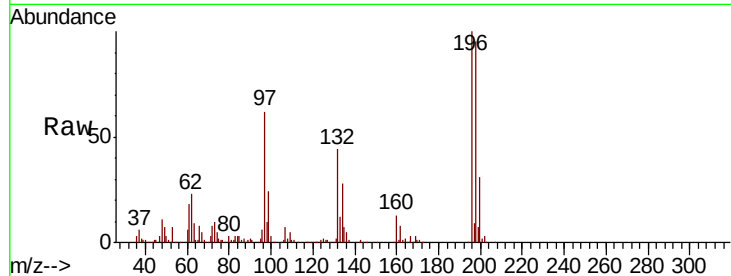




#43
 2,4,6-Trichlorophenol
 Concen: 46.686 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

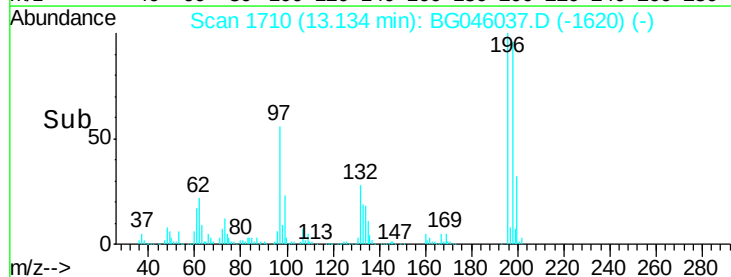
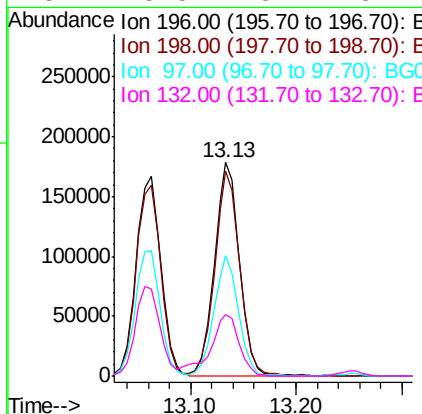
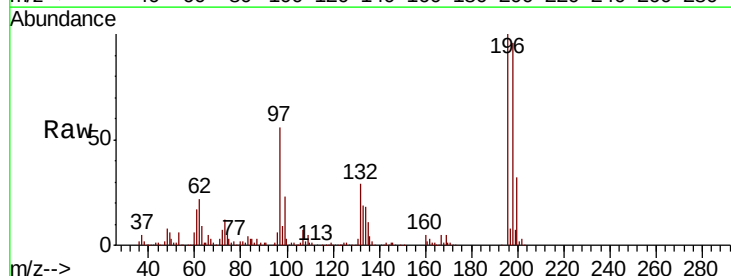
Instrument :
 BNA_G
 ClientSampleId :
 TPMSD

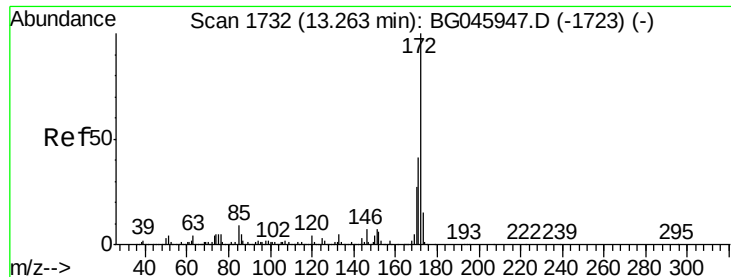
Tot Ion:196 Resp: 271231
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.7 115.1
 200 30.8 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.658 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

Tgt Ion:196 Resp: 293345
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.0 115.6
 97 56.2 44.3 66.5
 132 28.5 23.1 34.7

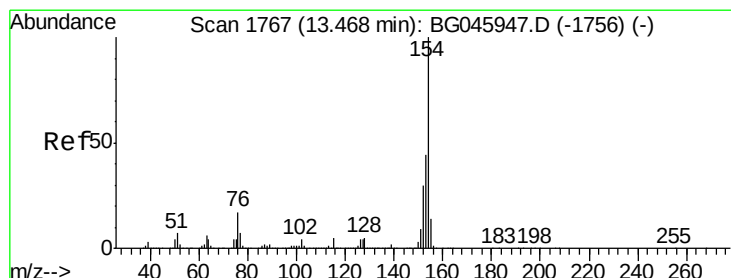
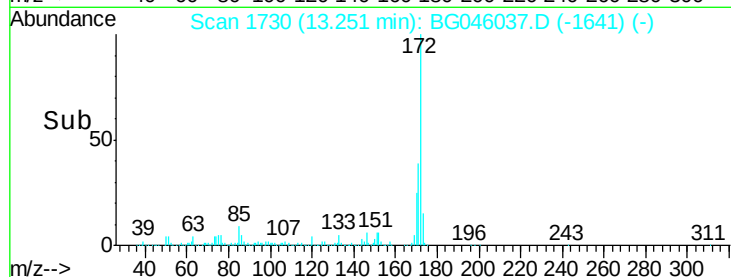
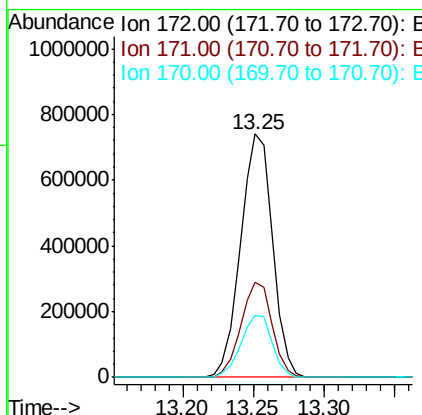
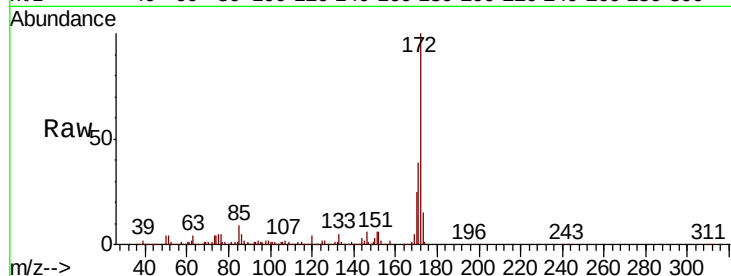




#45
2-Fluorobiphenyl
Concen: 59.819 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

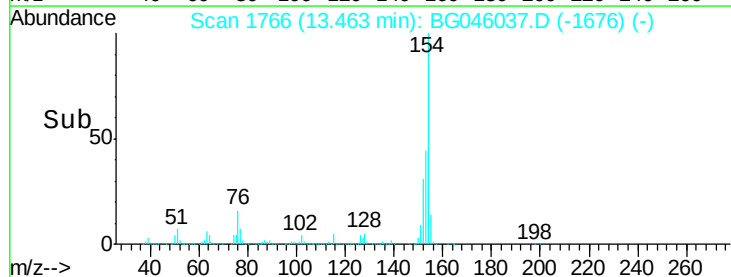
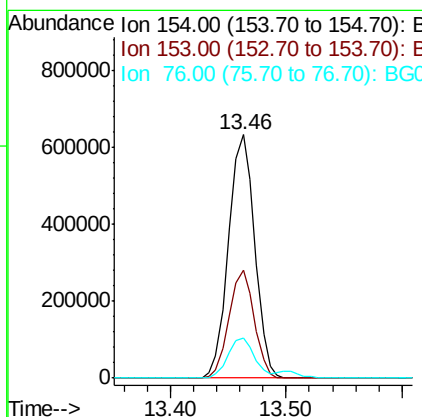
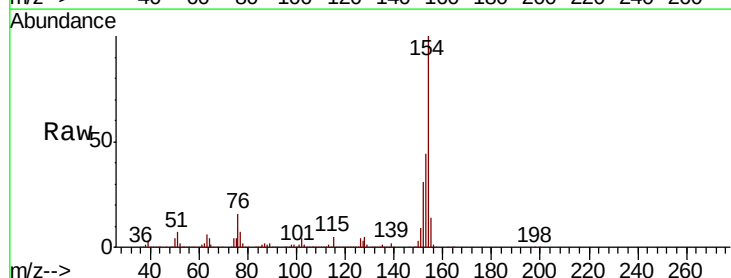
Instrument :
BNA_G
ClientSampleId :
TPMSD

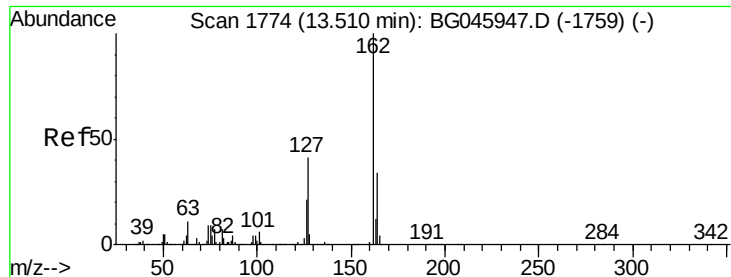
Tot Ion:172 Resp: 1168672
Ion Ratio Lower Upper
172 100
171 39.0 32.9 49.3
170 25.4 21.8 32.6



#46
1,1'-Biphenyl
Concen: 43.205 ng
RT: 13.46 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:154 Resp: 990431
Ion Ratio Lower Upper
154 100
153 44.1 23.6 63.6
76 16.4 0.0 36.9

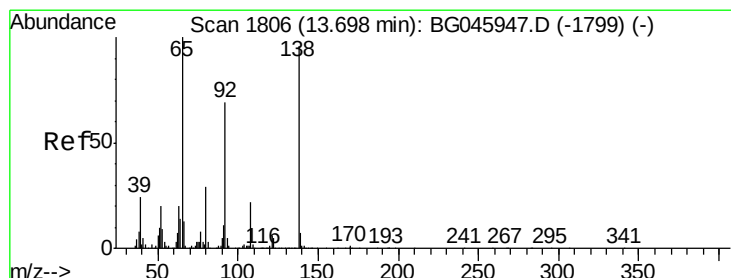
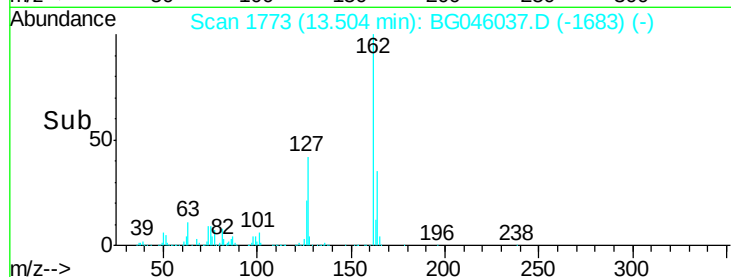
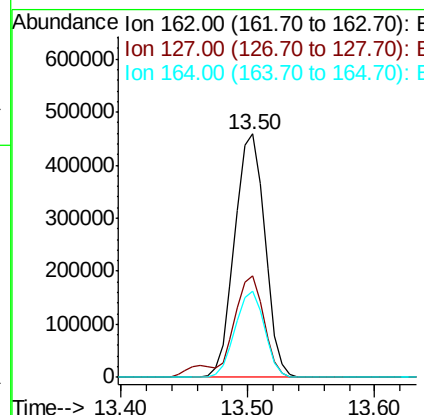
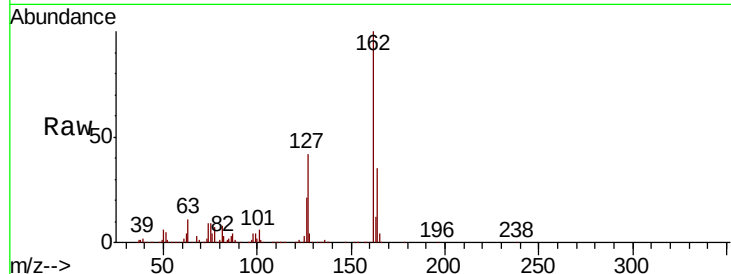




#47
2-Chloronaphthalene
Concen: 41.901 ng
RT: 13.50 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

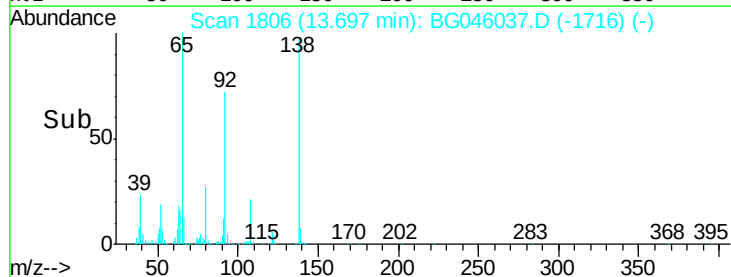
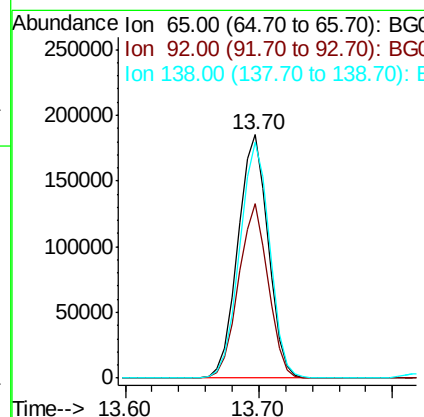
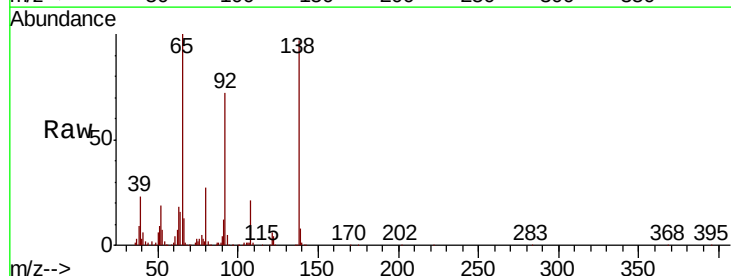
Instrument :
BNA_G
ClientSampleId :
TPMSD

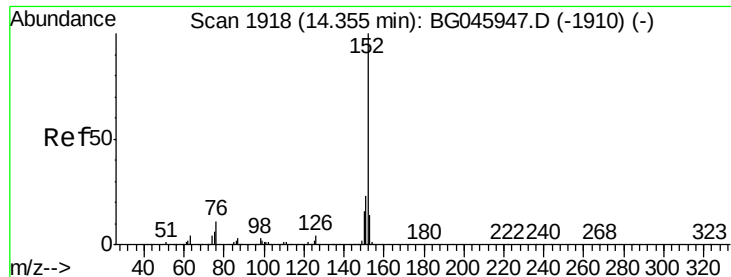
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.5	48.7
164	35.3	27.2	40.8



#48
2-Nitroaniline
Concen: 56.910 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	55.4	83.0
138	96.7	77.0	115.4





#49

Acenaphthylene

Concen: 42.444 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

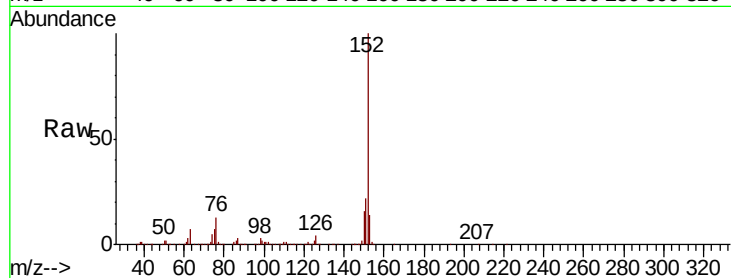
Tot Ion:152 Resp: 1238642

Ion Ratio Lower Upper

152 100

151 22.5 18.1 27.1

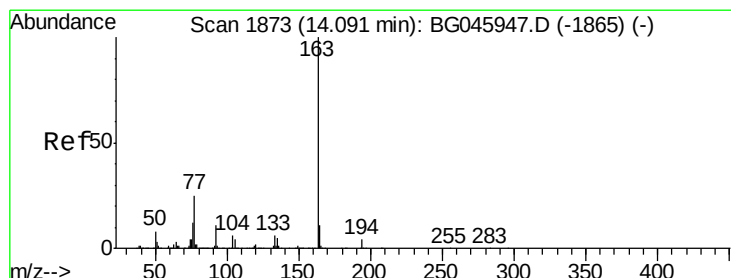
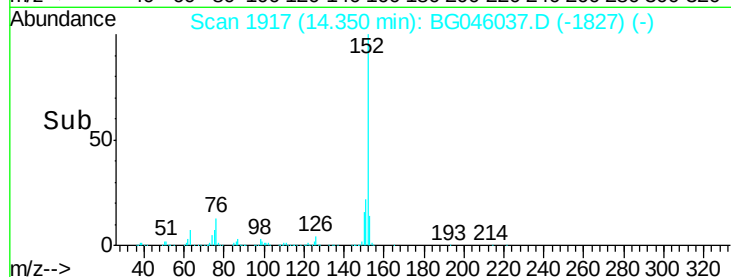
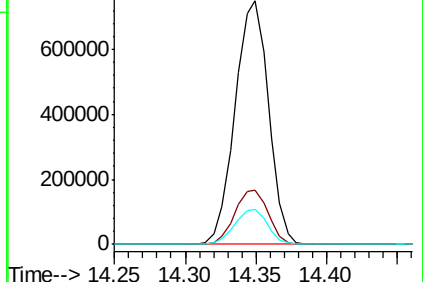
153 14.1 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.448 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

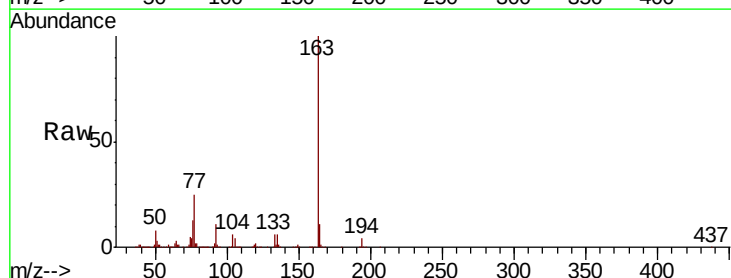
Tgt Ion:163 Resp: 1153748

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

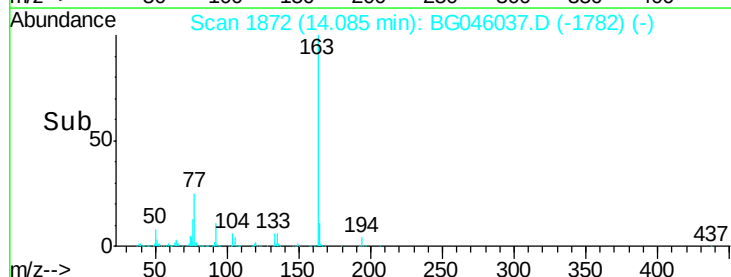
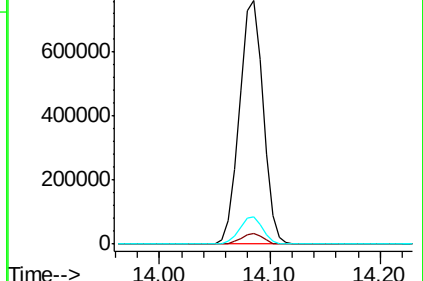
164 11.4 8.9 13.3

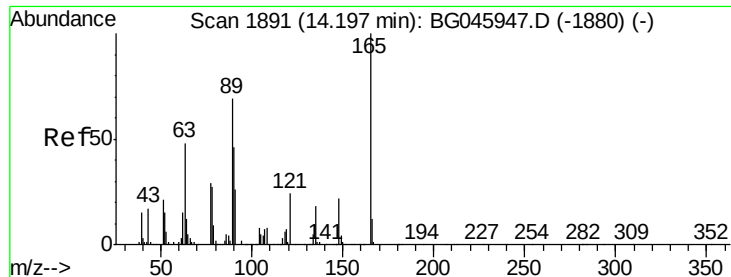


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

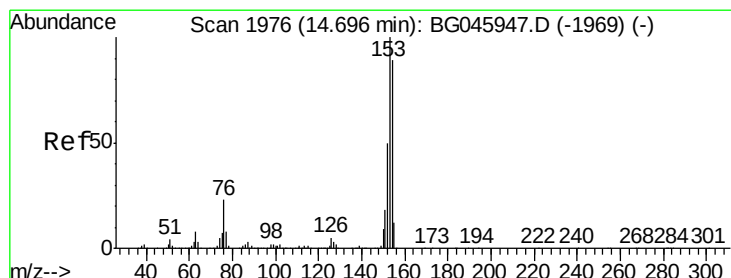
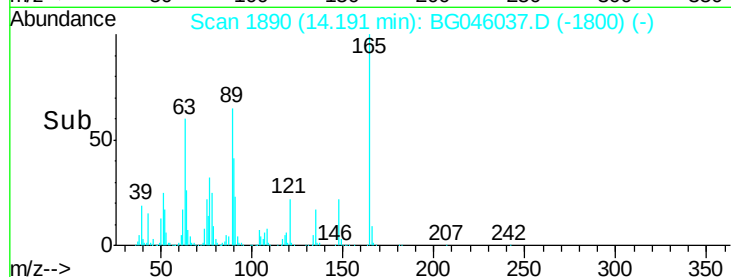
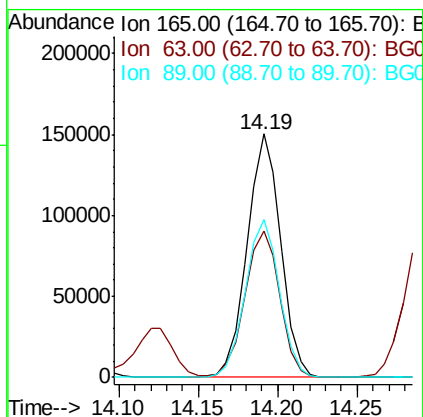
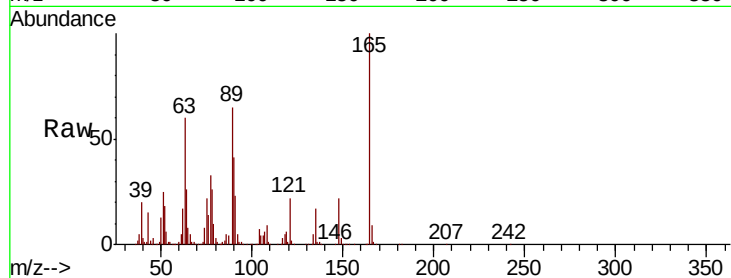




#51
 2,6-Dinitrotoluene
 Concen: 53.549 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

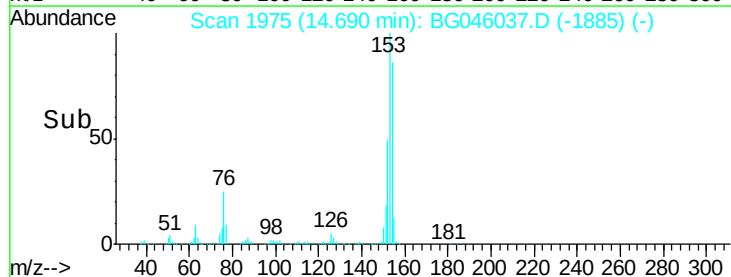
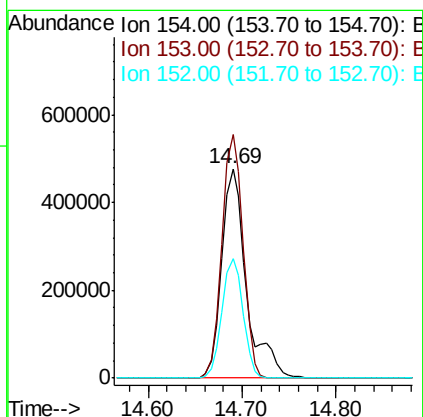
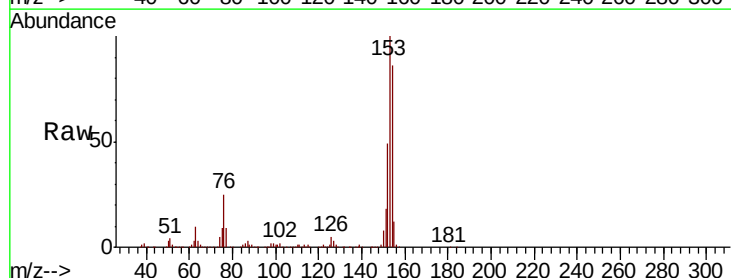
Instrument :
 BNA_G
 ClientSampleId :
 TPMSD

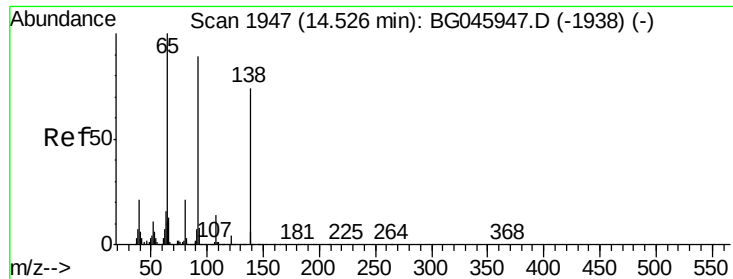
Tot Ion:165 Resp: 220723
 Ion Ratio Lower Upper
 165 100
 63 60.0 51.0 76.4
 89 64.9 55.7 83.5



#52
 Acenaphthene
 Concen: 47.530 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

Tgt Ion:154 Resp: 874891
 Ion Ratio Lower Upper
 154 100
 153 116.4 89.7 134.5
 152 57.3 44.7 67.1

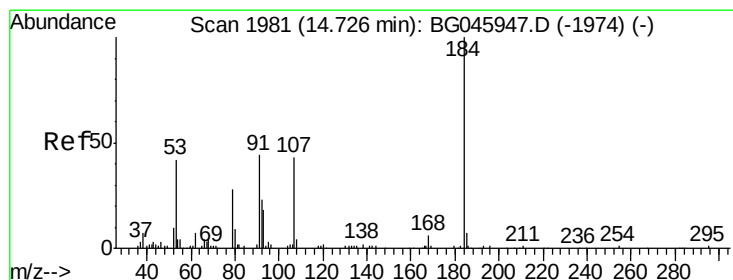
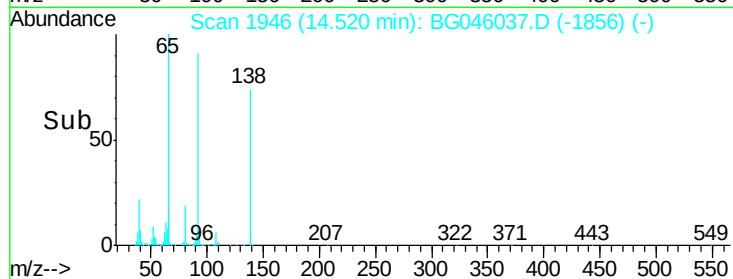
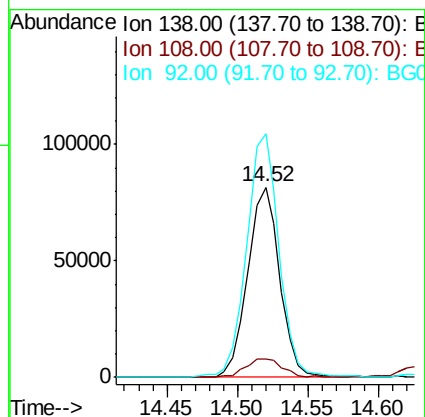
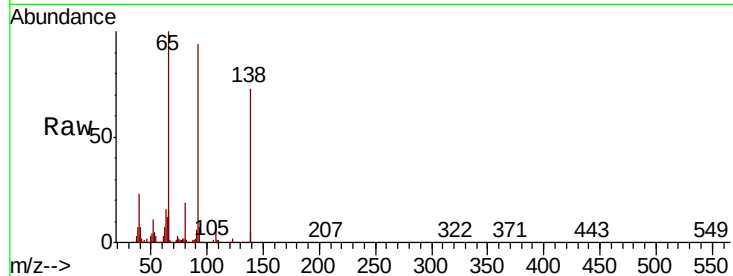




#53
3-Nitroaniline
Concen: 27.276 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

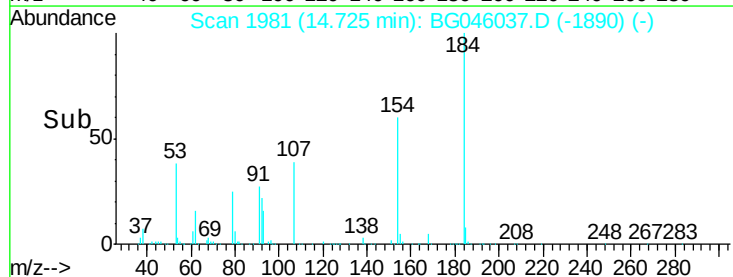
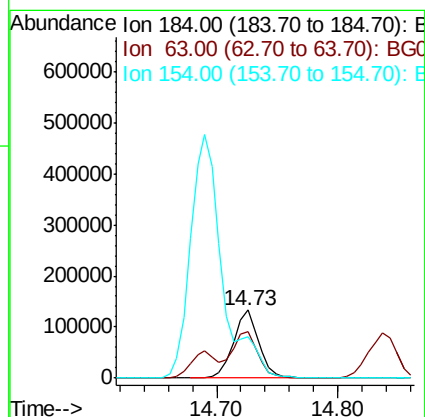
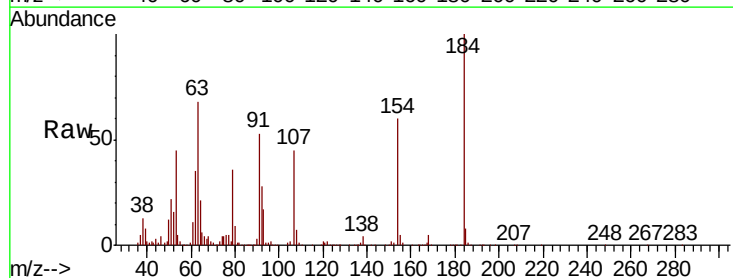
Instrument :
BNA_G
ClientSampled :
TPMSD

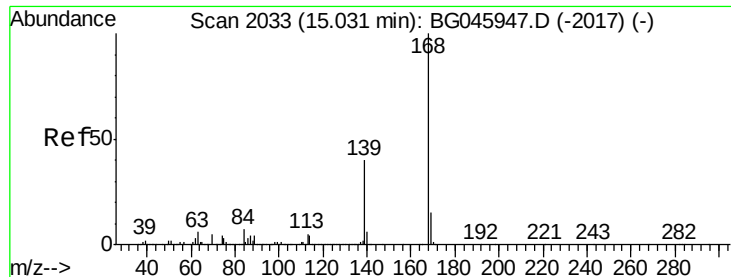
Tot Ion:138 Resp: 130010
Ion Ratio Lower Upper
138 100
108 9.6 15.4 23.2#
92 128.1 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 124.079 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:184 Resp: 195447
Ion Ratio Lower Upper
184 100
63 68.3 46.0 69.0
154 60.3 58.2 87.2

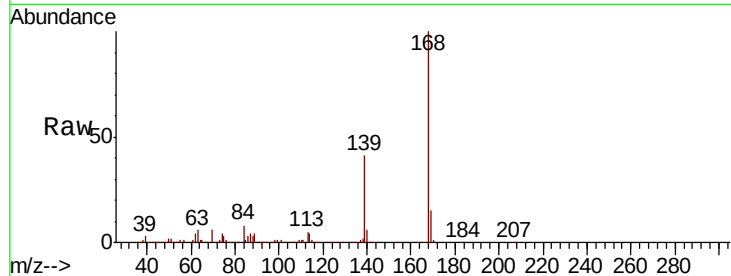




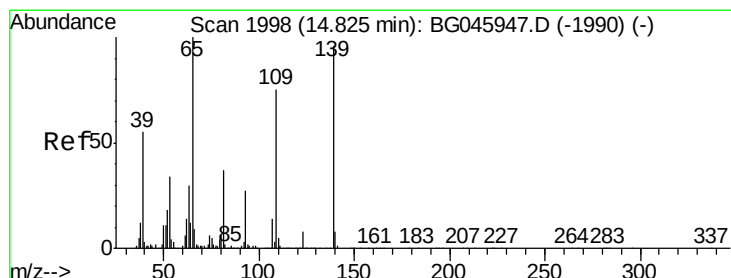
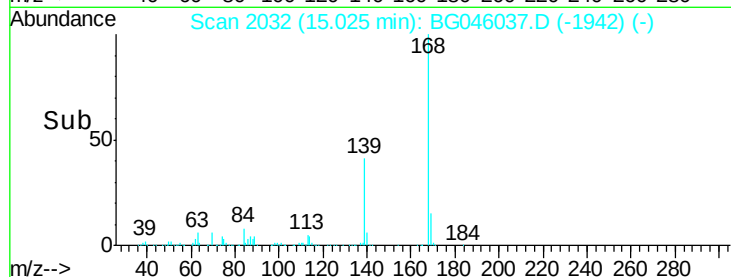
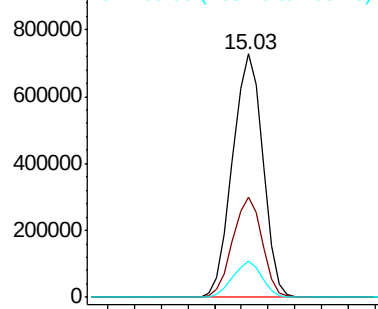
#55
Dibenzofuran
Concen: 42.356 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Instrument :
BNA_G
ClientSampleId :
TPMSD

Tot Ion:168 Resp: 1142861
Ion Ratio Lower Upper
168 100
139 41.2 32.2 48.2
169 15.1 11.8 17.8

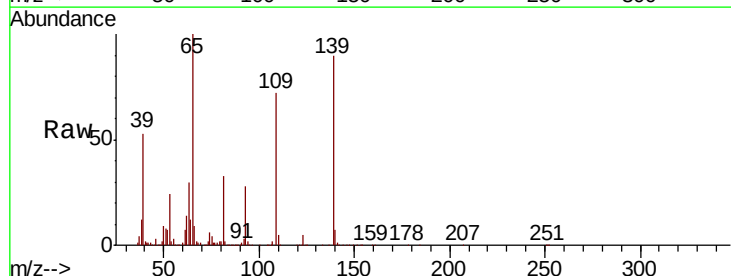


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

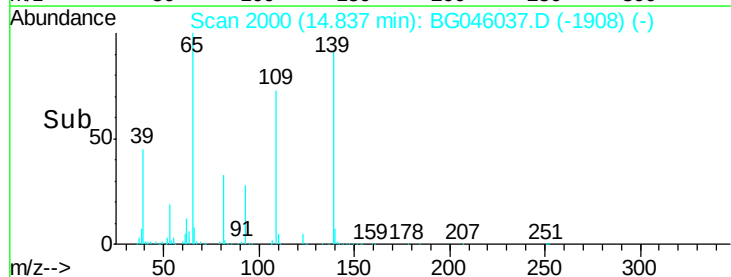
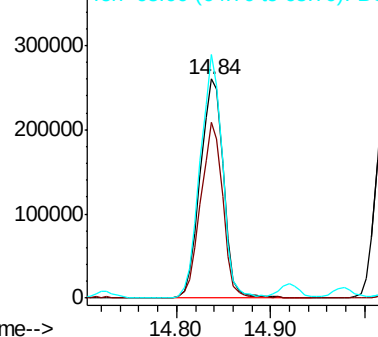


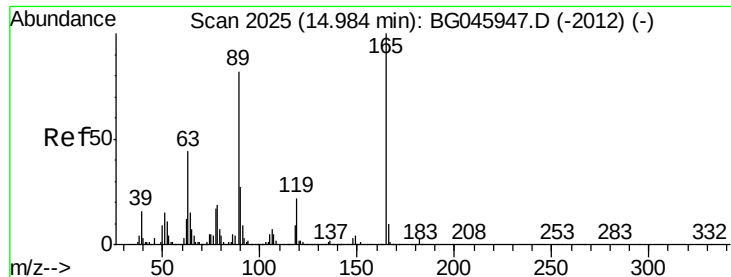
#56
4-Nitrophenol
Concen: 120.504 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:139 Resp: 448995
Ion Ratio Lower Upper
139 100
109 80.1 58.5 98.5
65 111.2 84.7 124.7



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

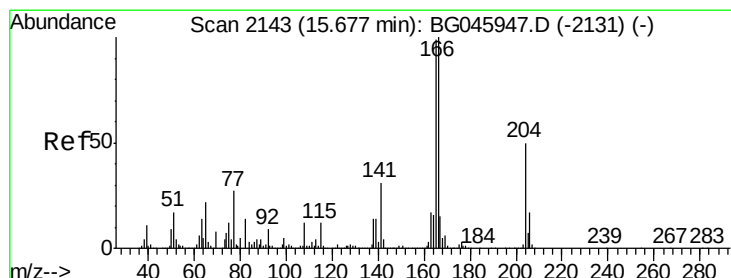
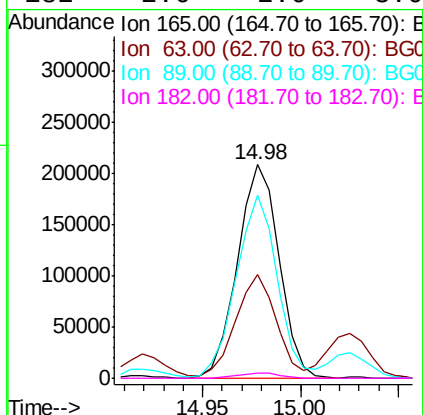
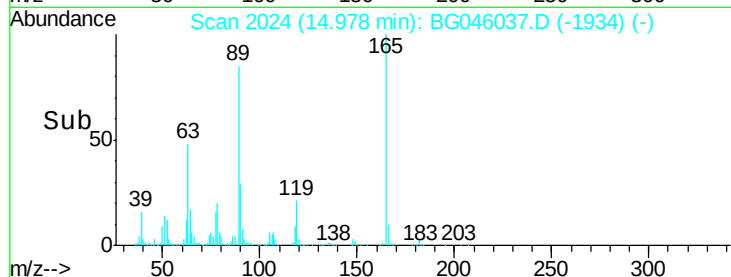
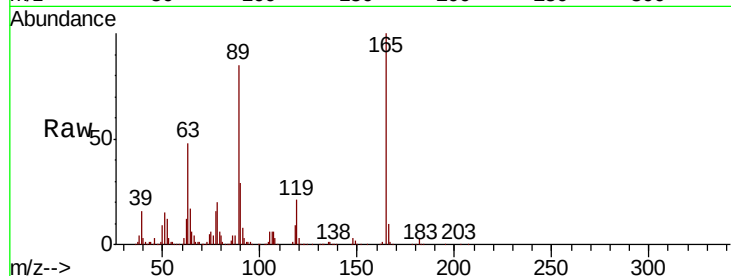




#57
2,4-Dinitrotoluene
Concen: 57.519 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

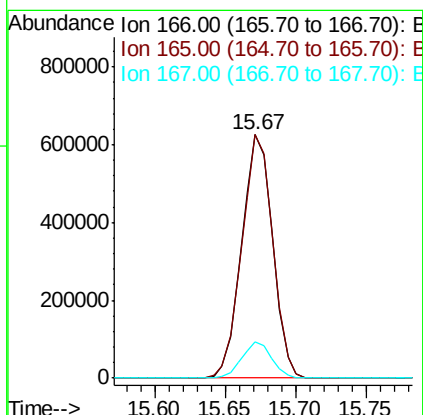
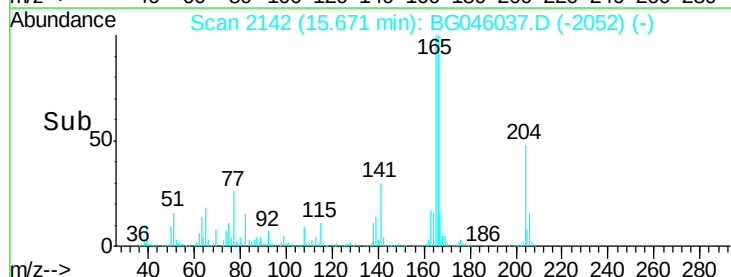
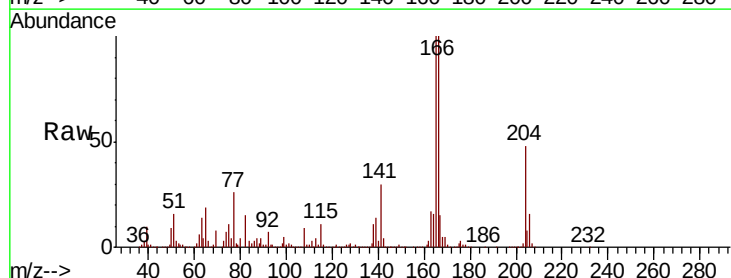
Instrument :
BNA_G
ClientSampleId :
TPMSD

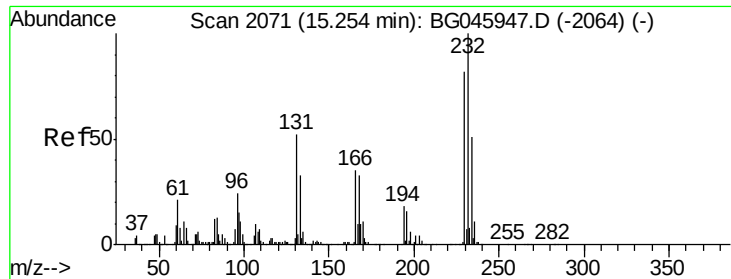
Tot Ion:165 Resp: 306440
Ion Ratio Lower Upper
165 100
63 48.4 35.4 53.0
89 85.5 65.4 98.2
182 2.6 2.0 3.0



#58
Fluorene
Concen: 43.380 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:166 Resp: 960214
Ion Ratio Lower Upper
166 100
165 99.9 78.9 118.3
167 14.7 12.1 18.1

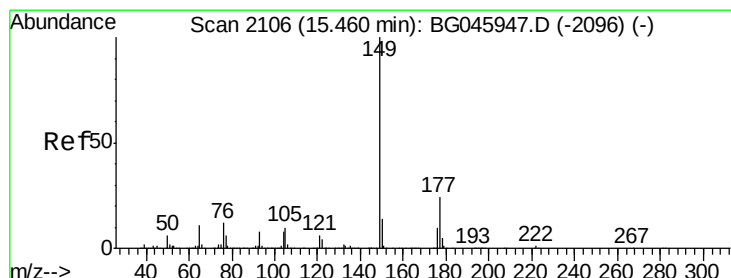
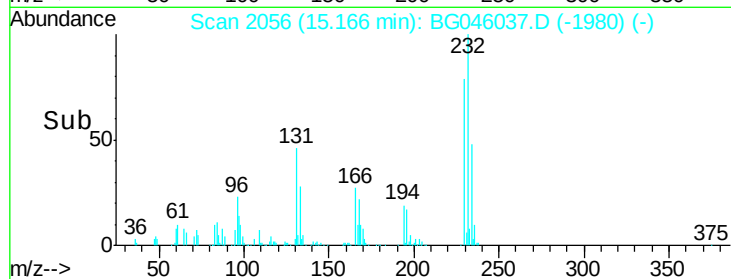
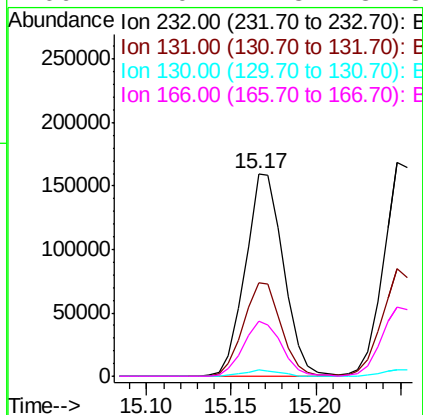
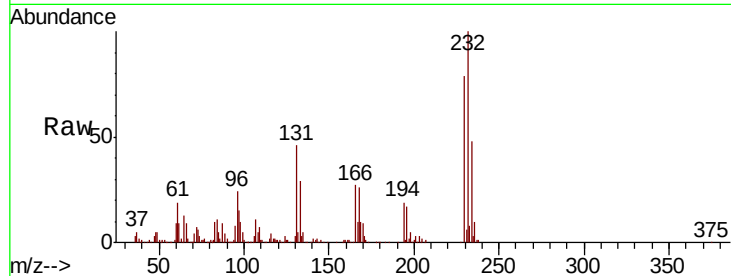




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.600 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.08 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

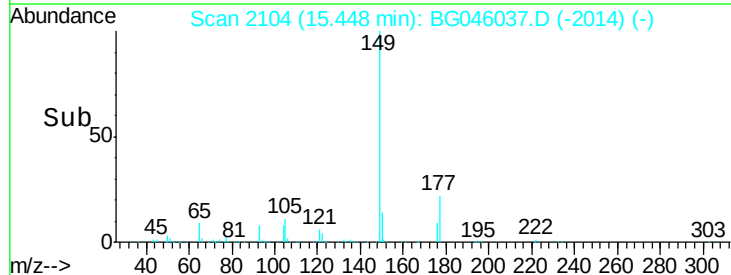
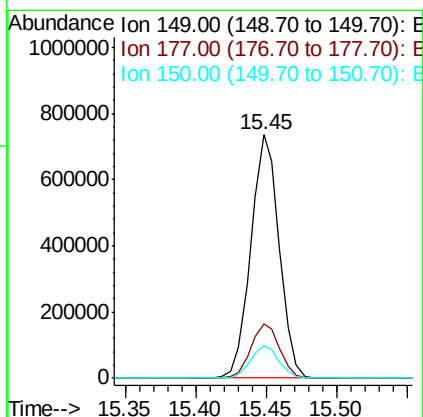
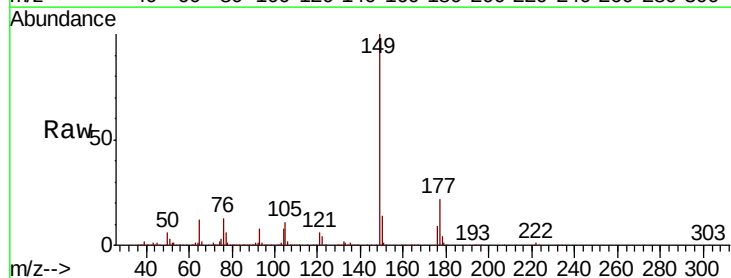
Instrument :
 BNA_G
 ClientSampleId :
 TPMSD

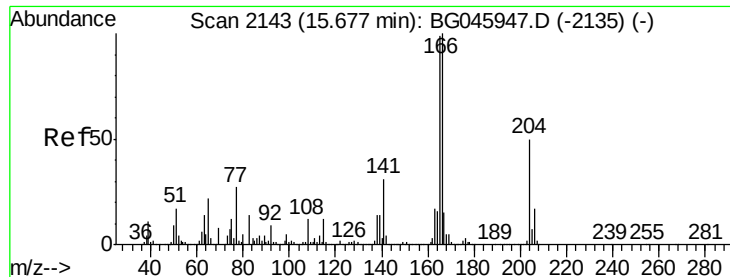
Tot Ion:232	Resp:	251552
Ion Ratio	Lower	Upper
232	100	
131	45.8	35.8 53.6
130	2.9	2.5 3.7
166	27.0	21.8 32.8



#60
 Diethylphthalate
 Concen: 43.218 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

Tgt Ion:149	Resp:	1036547
Ion Ratio	Lower	Upper
149	100	
177	22.4	19.0 28.4
150	13.6	11.0 16.4

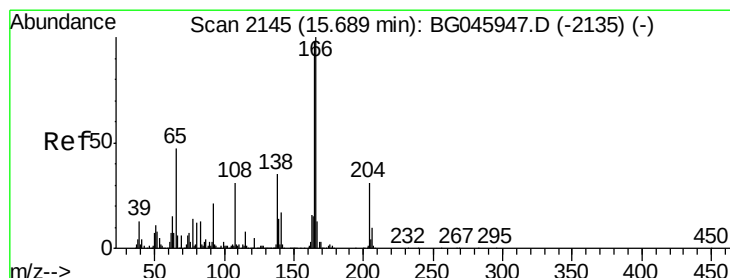
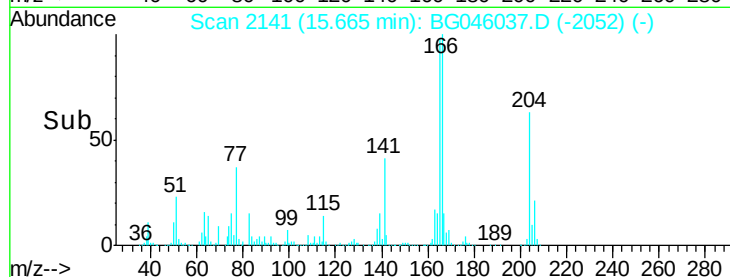
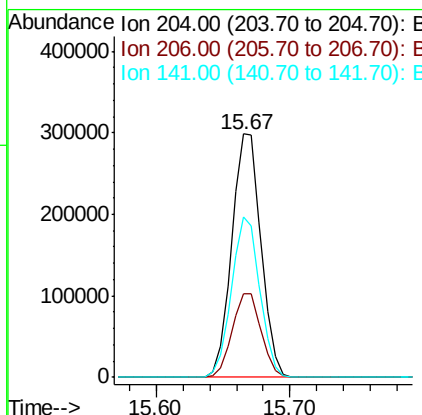
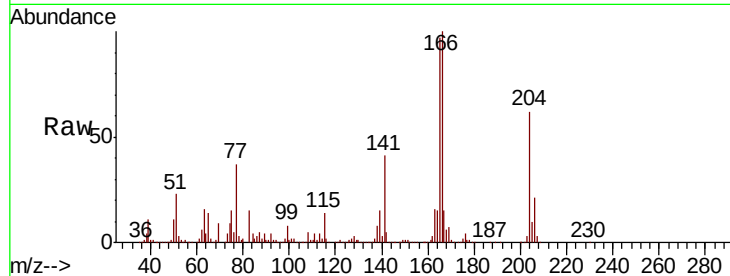




#61
 4-Chlorophenyl-phenylether
 Concen: 41.148 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

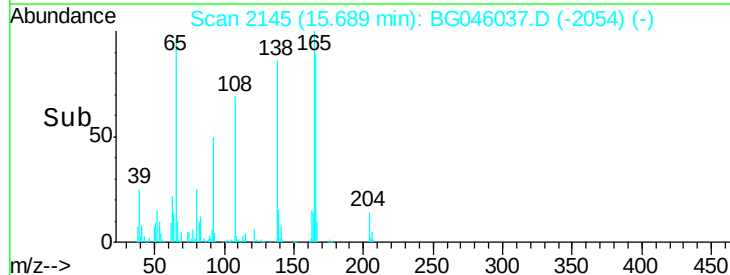
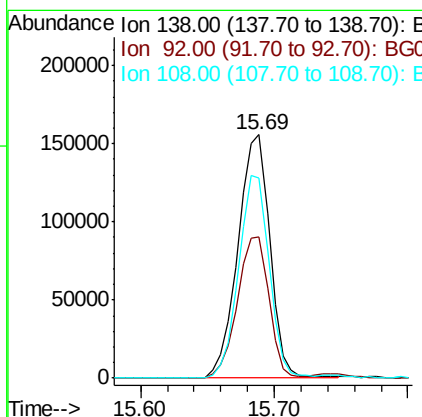
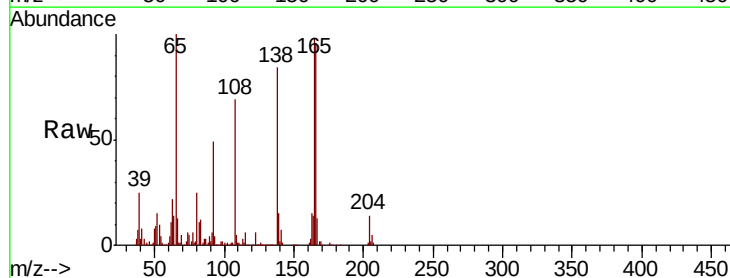
Instrument :
 BNA_G
 ClientSampleId :
 TPMSD

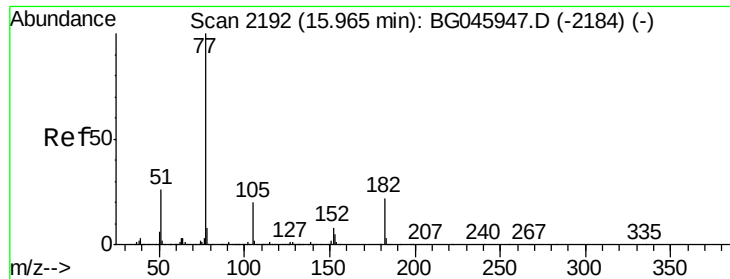
Tot Ion:204 Resp: 453129
 Ion Ratio Lower Upper
 204 100
 206 34.2 27.1 40.7
 141 65.8 49.8 74.8



#62
 4-Nitroaniline
 Concen: 54.582 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

Tgt Ion:138 Resp: 257996
 Ion Ratio Lower Upper
 138 100
 92 58.2 40.3 80.3
 108 82.3 68.0 108.0





#63

Azobenzene

Concen: 45.001 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

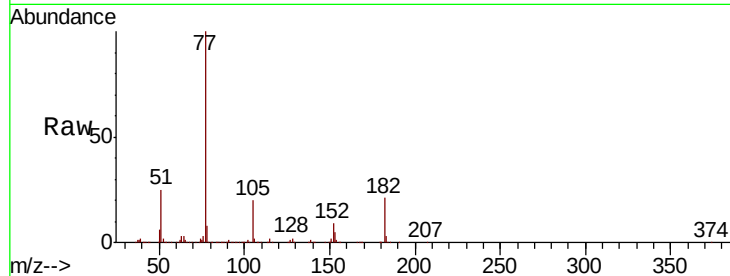
BNA_G

ClientSampleId :

TPMSD

Tot Ion: 77 Resp: 1158427

Ion	Ratio	Lower	Upper
77	100		
182	21.4	2.4	42.4
105	19.8	0.3	40.3
51	24.7	6.3	46.3

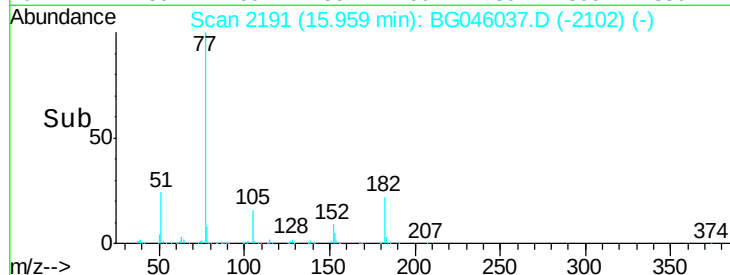


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->

15.96

800000

600000

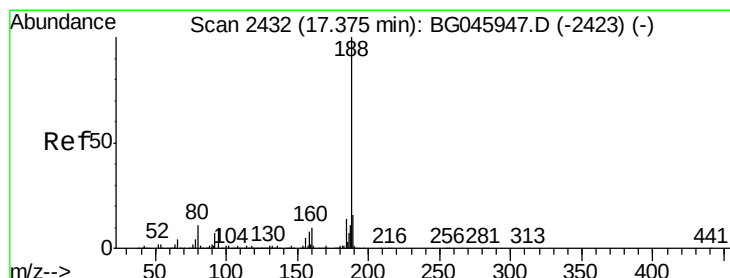
400000

200000

0

15.90

16.00



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

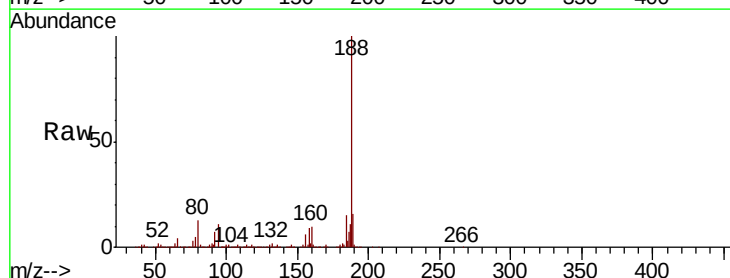
Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Tgt Ion: 188 Resp: 669542

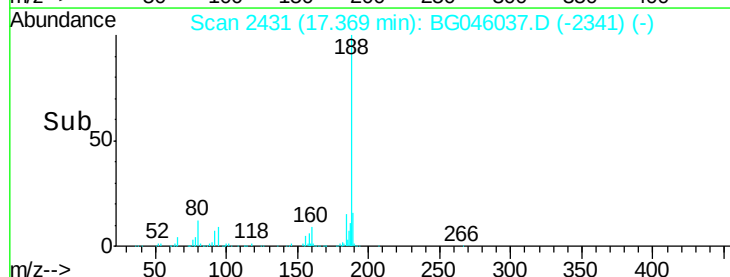
Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.2	12.4
80	12.8	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->

17.37

600000

500000

400000

300000

200000

100000

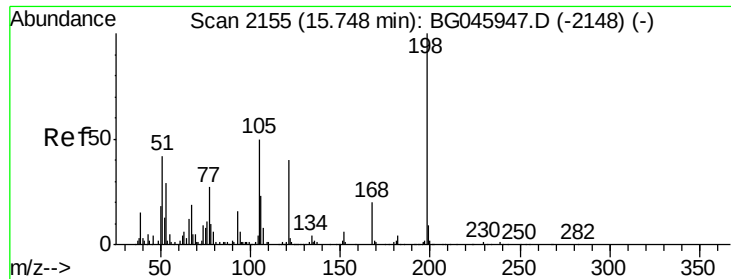
0

17.30

17.35

17.40

17.45



#65

4,6-Dinitro-2-methylphenol

Concen: 61.053 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

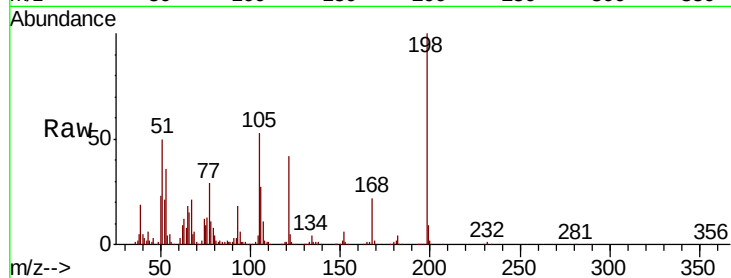
Tot Ion:198 Resp: 145708

Ion Ratio Lower Upper

198 100

51 49.8 24.5 64.5

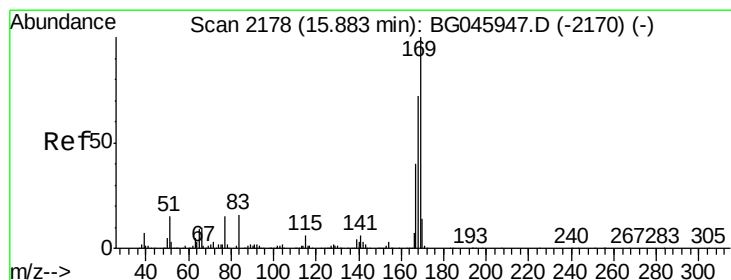
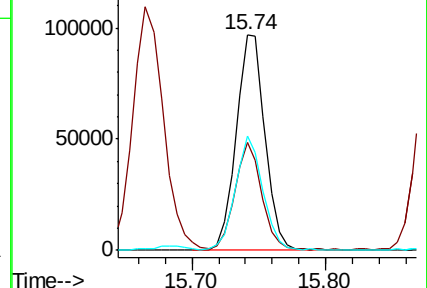
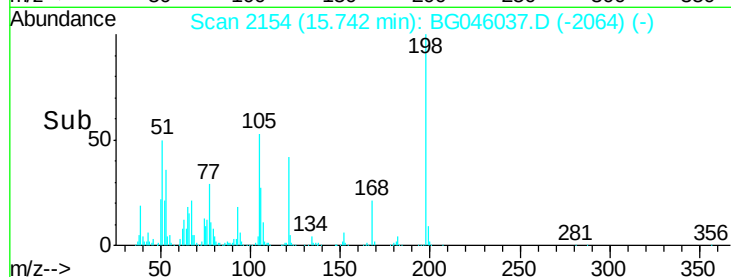
105 53.2 30.9 70.9



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: 42.197 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

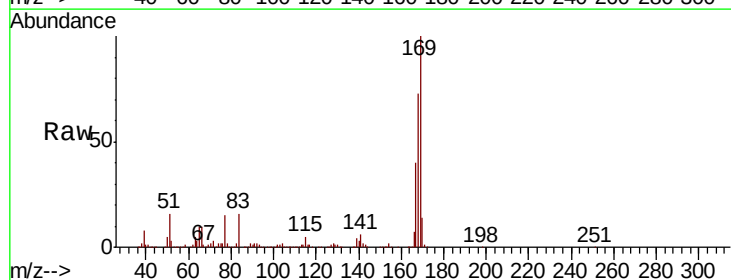
Tgt Ion:169 Resp: 875499

Ion Ratio Lower Upper

169 100

168 73.3 57.3 85.9

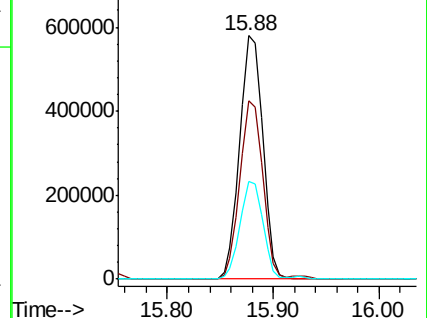
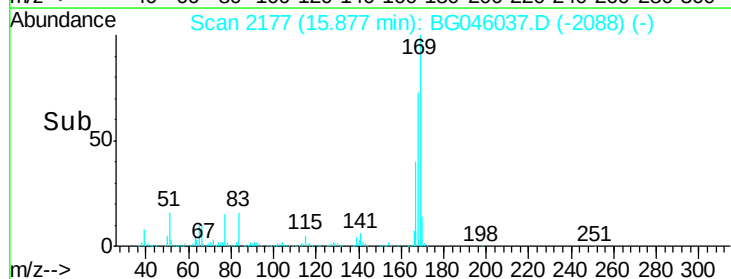
167 40.1 32.1 48.1

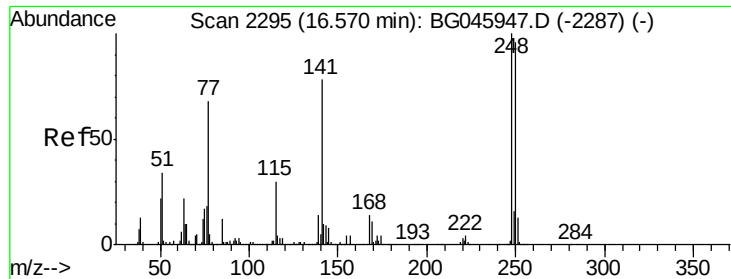


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

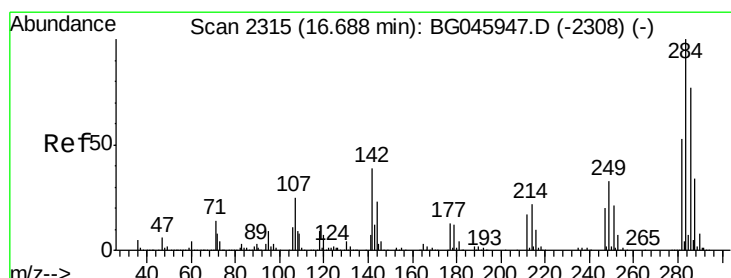
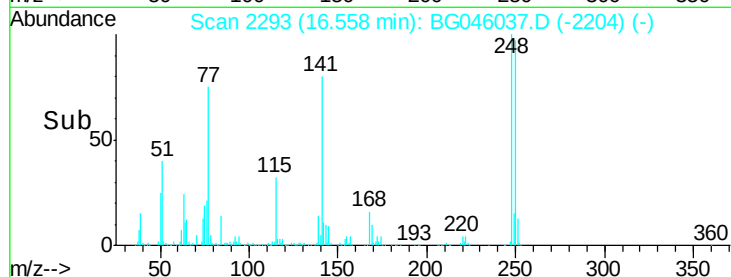
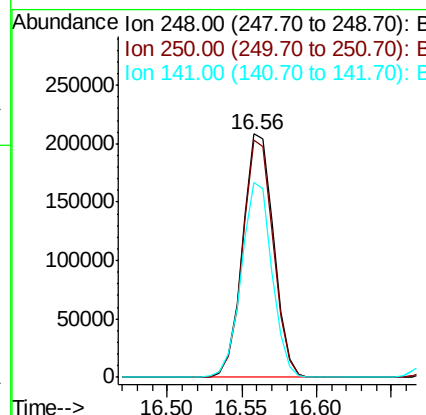
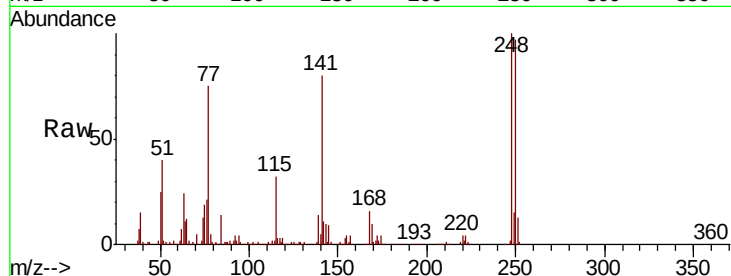




#67
4-Bromophenyl-phenylether
Concen: 40.003 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

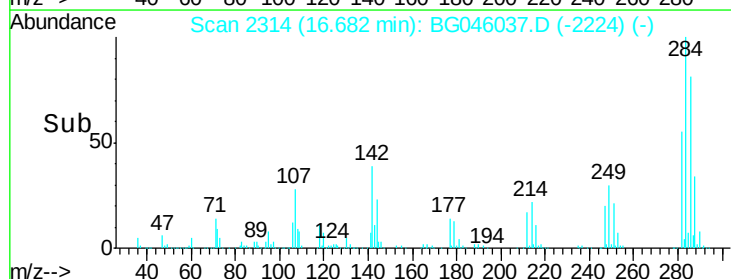
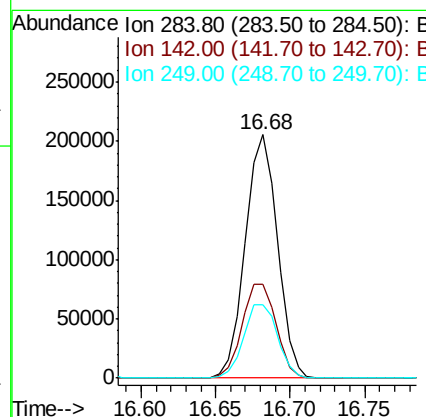
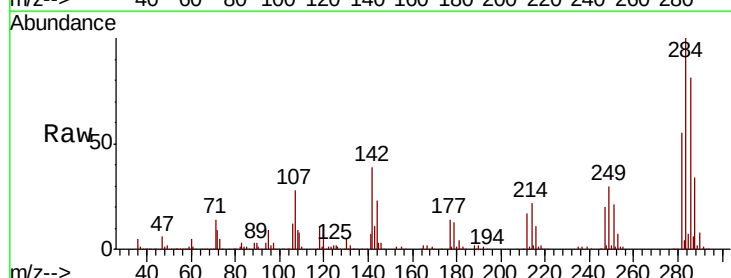
Instrument :
BNA_G
ClientSampled :
TPMSD

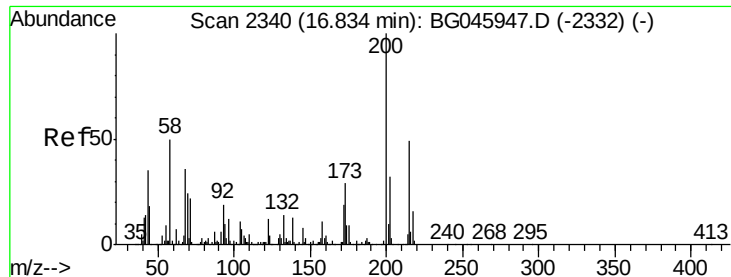
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.6	114.8
141	80.1	62.7	94.1



#68
Hexachlorobenzene
Concen: 40.823 ng
RT: 16.68 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.7	31.3	46.9
249	30.2	26.8	40.2





#69

Atrazine

Concen: 48.269 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

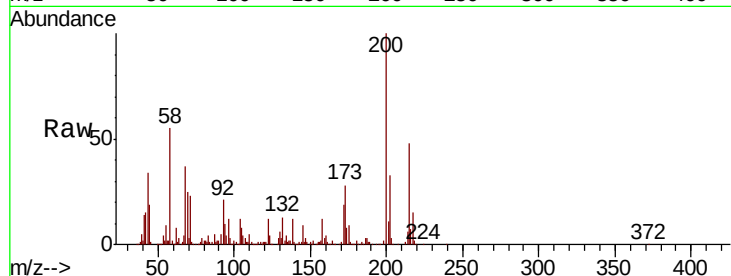
Tot Ion:200 Resp: 296095

Ion Ratio Lower Upper

200 100

173 27.8 9.1 49.1

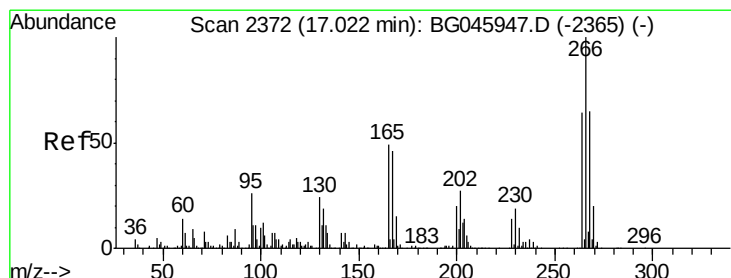
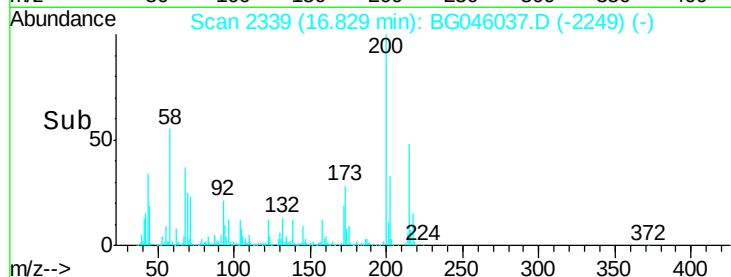
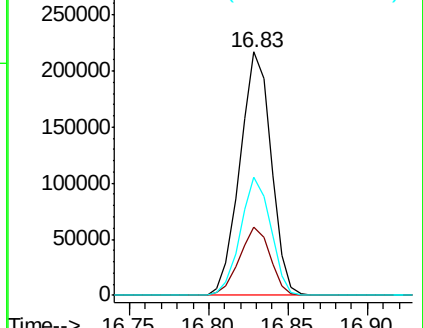
215 48.5 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 96.915 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

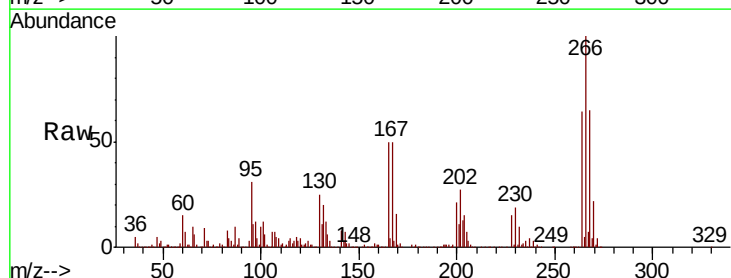
Tgt Ion:266 Resp: 404332

Ion Ratio Lower Upper

266 100

268 64.8 51.8 77.8

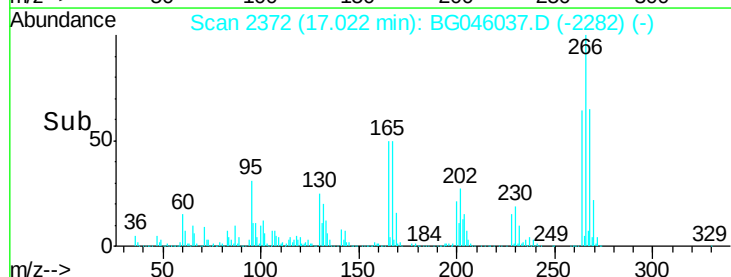
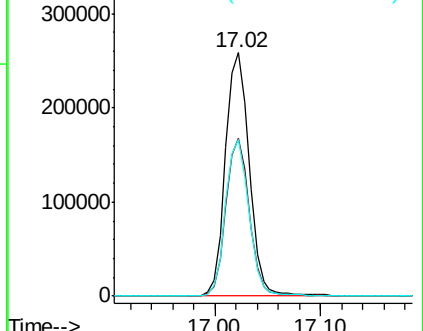
264 64.2 51.4 77.0

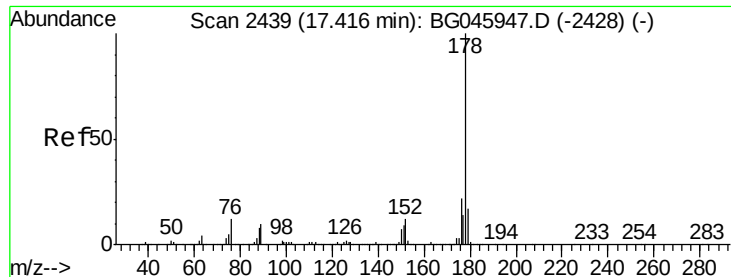


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.866 ng

RT: 17.41 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

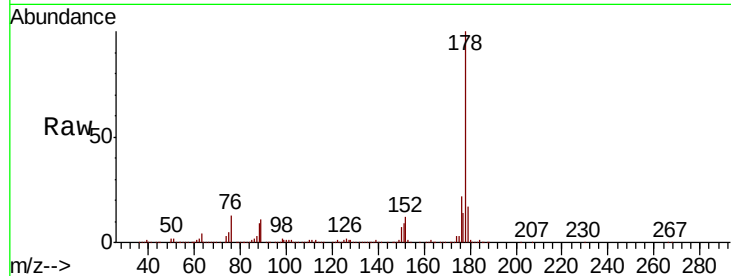
Tot Ion:178 Resp: 1517332

Ion Ratio Lower Upper

178 100

176 22.2 17.4 26.2

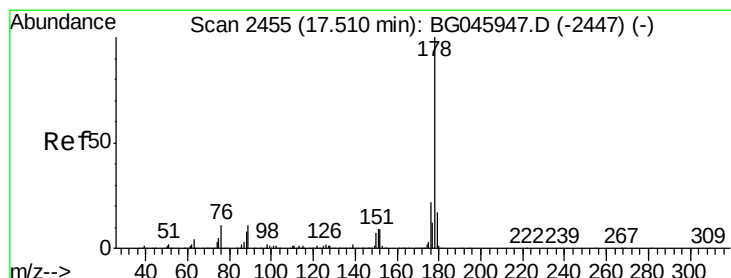
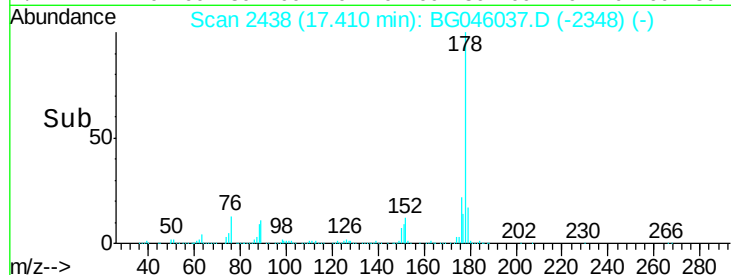
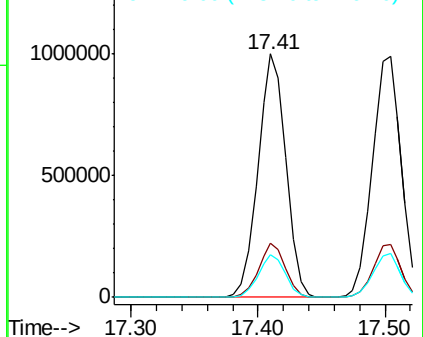
179 17.4 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.536 ng

RT: 17.50 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

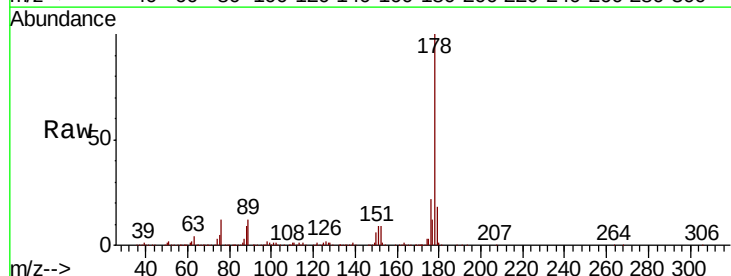
Tgt Ion:178 Resp: 1563906

Ion Ratio Lower Upper

178 100

176 22.0 17.2 25.8

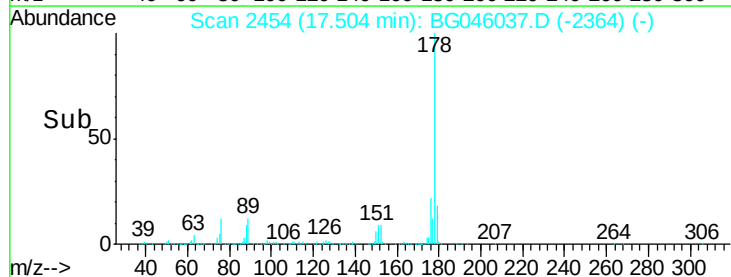
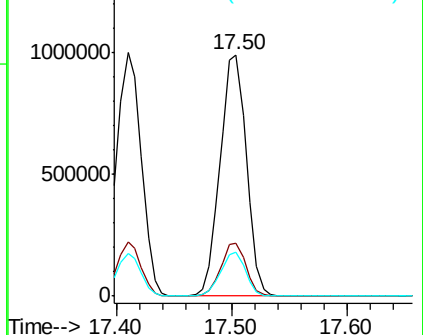
179 18.0 14.0 21.0

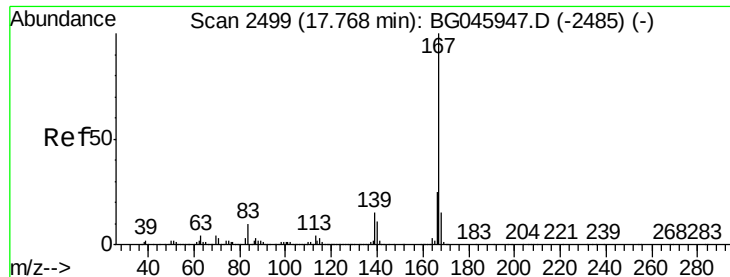


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.861 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

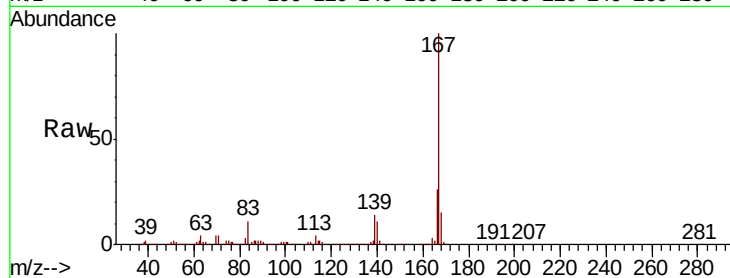
Tot Ion:167 Resp: 1543280

Ion Ratio Lower Upper

167 100

166 25.8 20.4 30.6

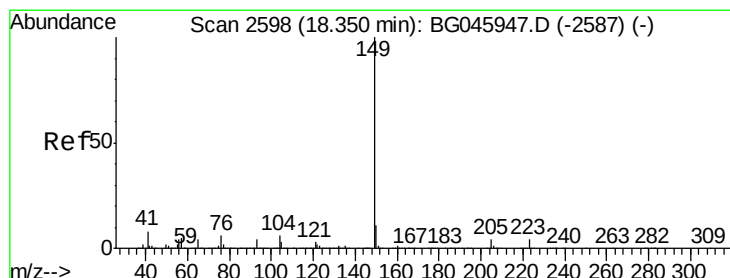
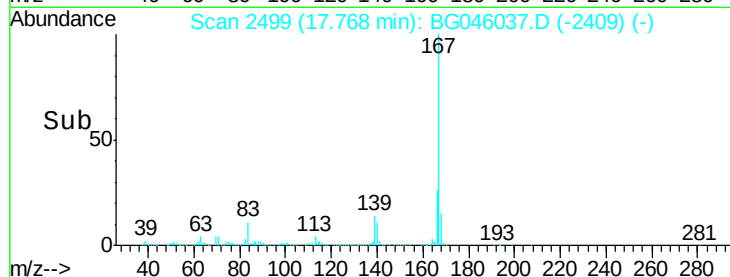
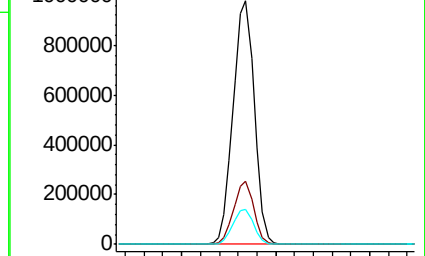
139 14.2 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.809 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

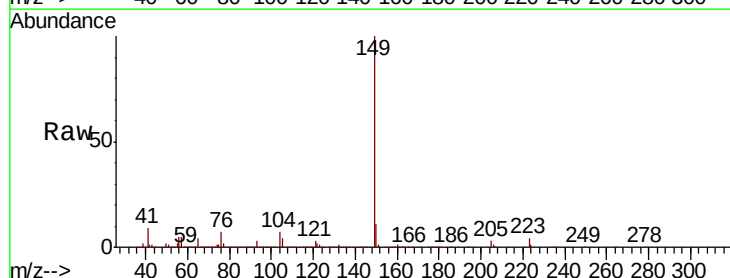
Tgt Ion:149 Resp: 1819149

Ion Ratio Lower Upper

149 100

150 11.3 9.0 13.4

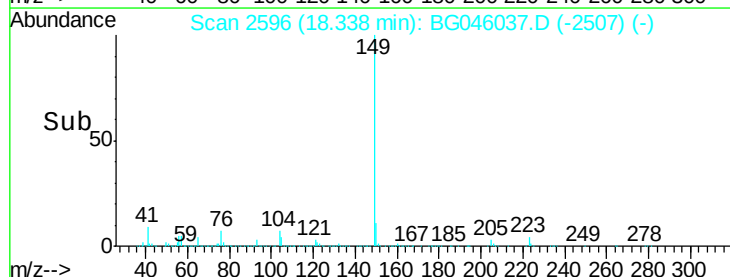
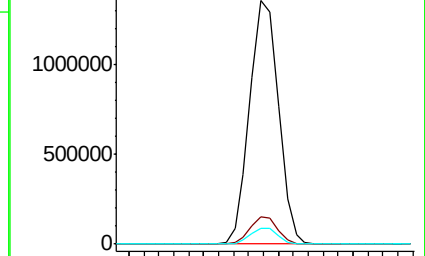
104 6.5 5.2 7.8

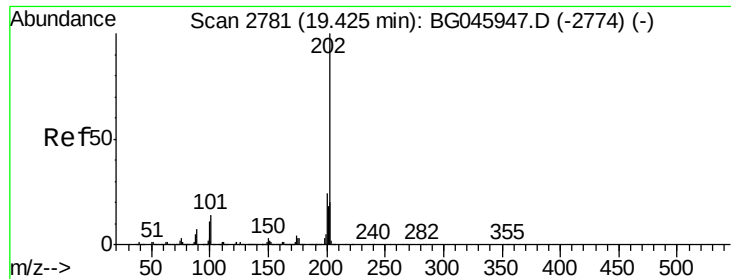


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.120 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

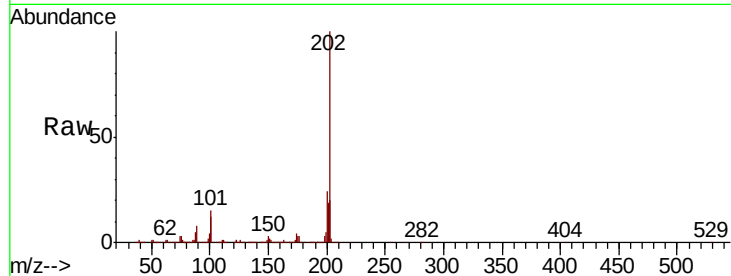
Tot Ion:202 Resp: 1805362

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.8

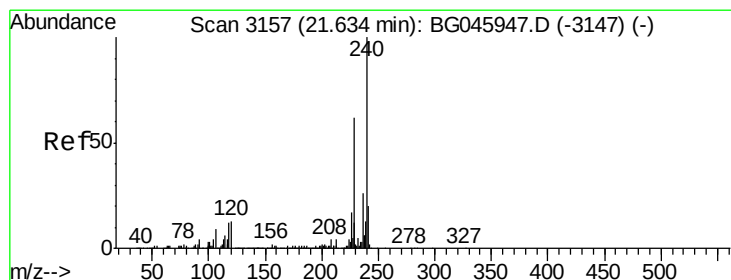
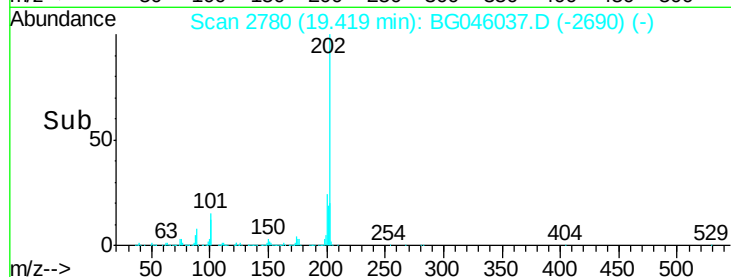
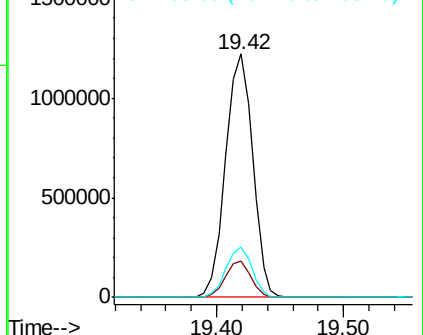
203 20.4 0.4 40.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

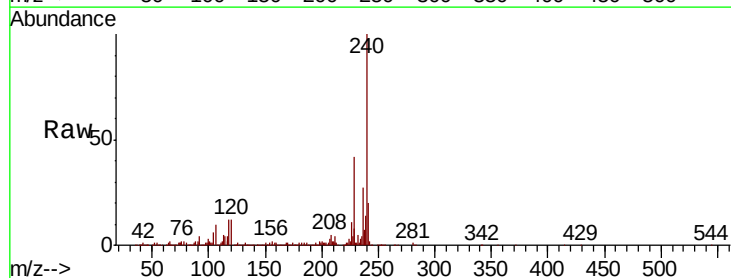
Tgt Ion:240 Resp: 601375

Ion Ratio Lower Upper

240 100

120 12.2 10.6 16.0

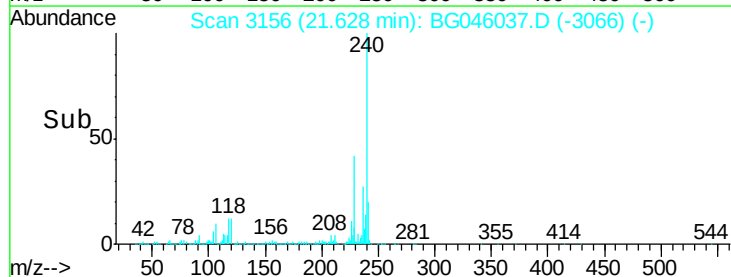
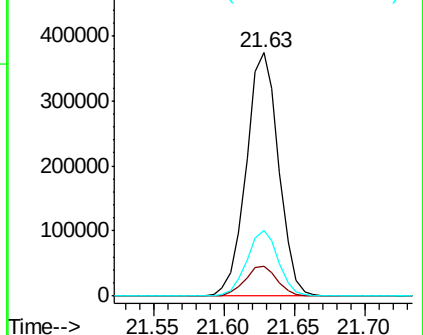
236 26.8 20.4 30.6

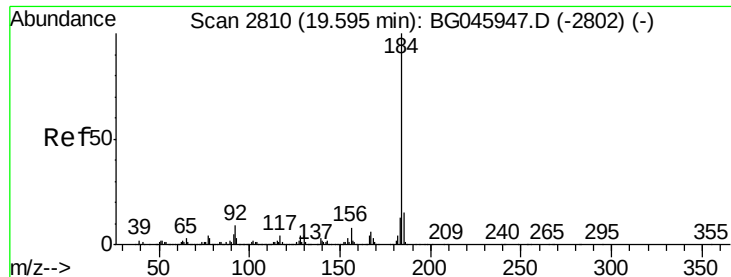


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.982 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

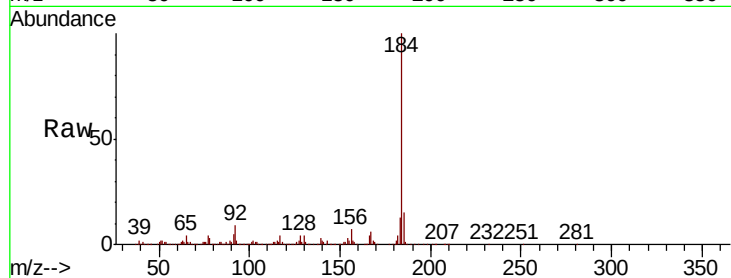
Tot Ion:184 Resp: 687485

Ion Ratio Lower Upper

184 100

185 14.8 11.6 17.4

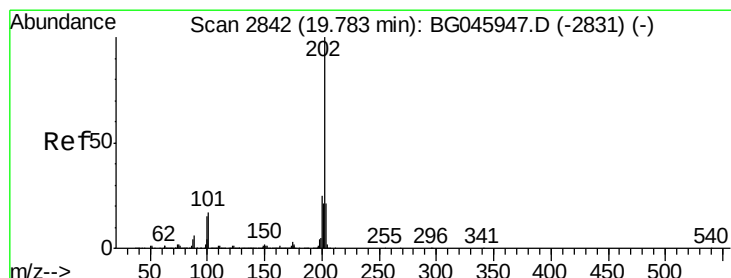
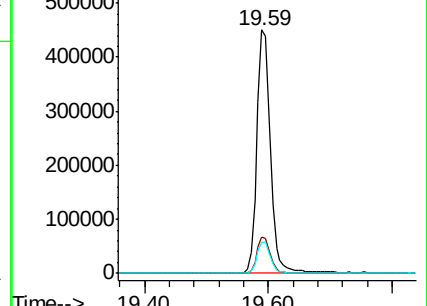
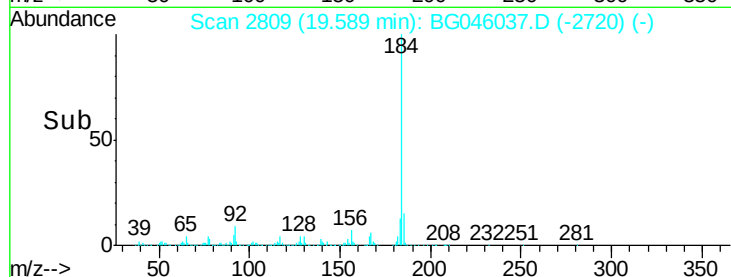
183 12.7 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.880 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

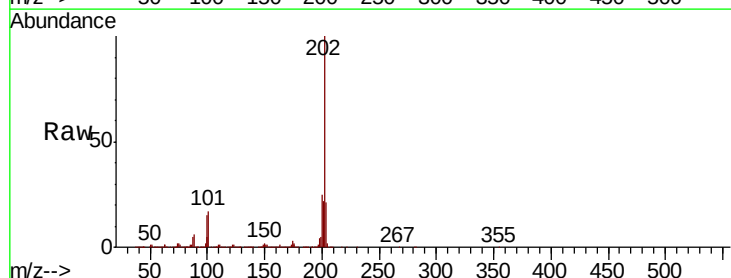
Tgt Ion:202 Resp: 1801261

Ion Ratio Lower Upper

202 100

200 25.1 20.1 30.1

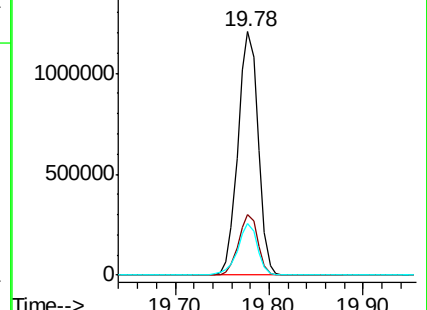
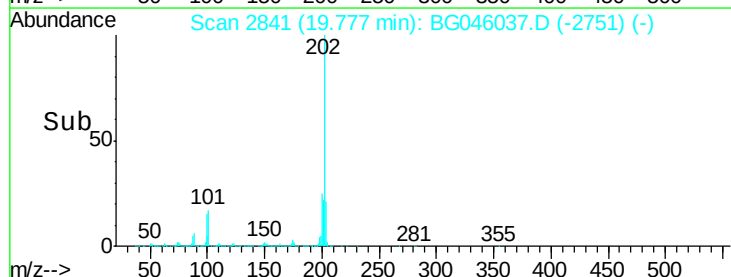
203 21.0 16.5 24.7

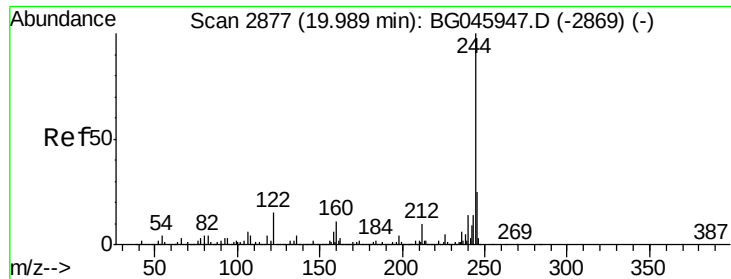


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.619 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

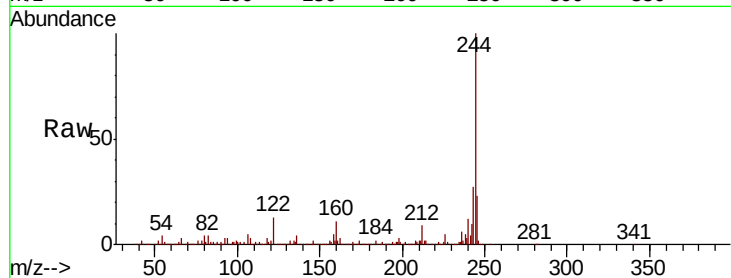
Tot Ion:244 Resp: 1611029

Ion Ratio Lower Upper

244 100

212 9.1 8.3 12.5

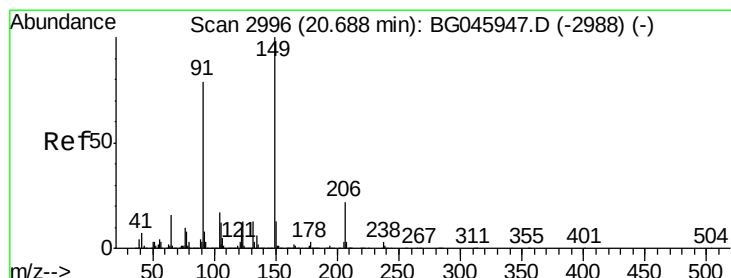
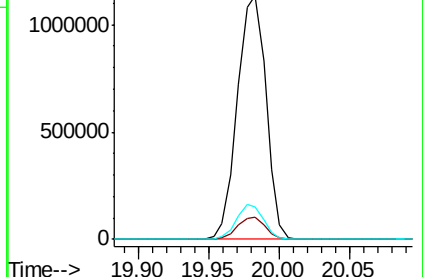
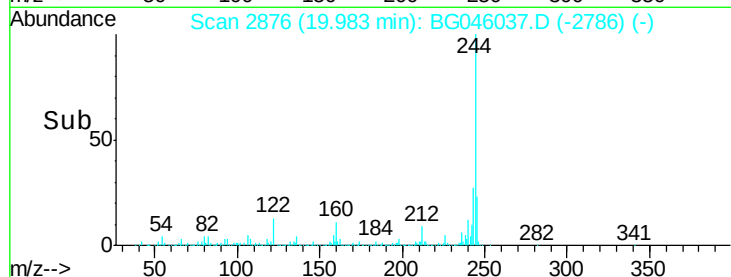
122 13.3 12.1 18.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.308 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

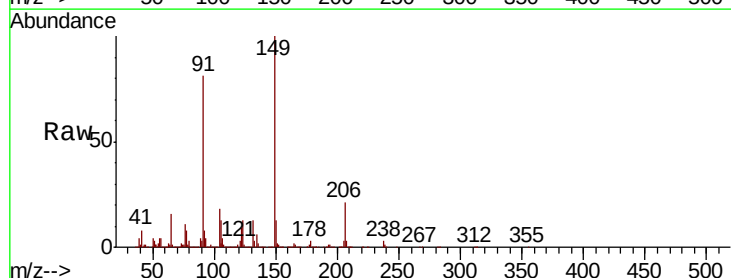
Tgt Ion:149 Resp: 878905

Ion Ratio Lower Upper

149 100

91 80.8 63.1 94.7

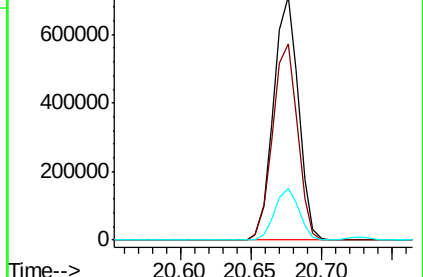
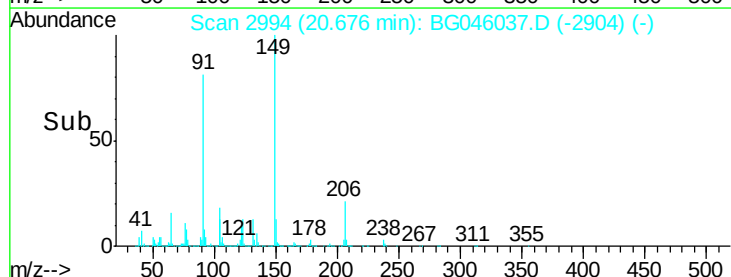
206 21.3 17.4 26.0

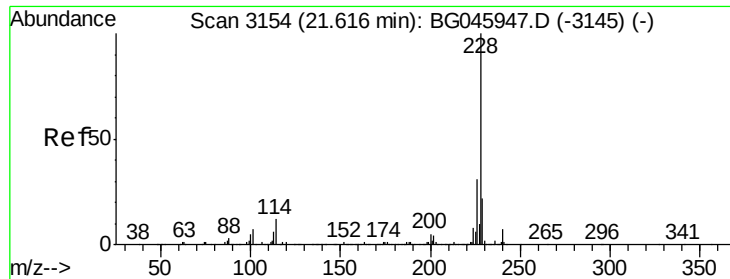


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

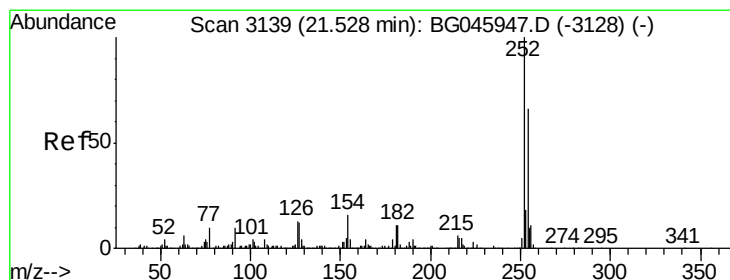
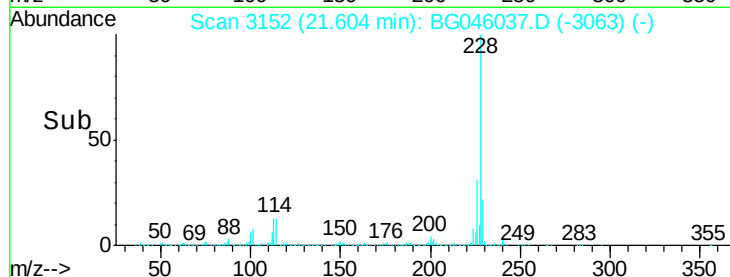
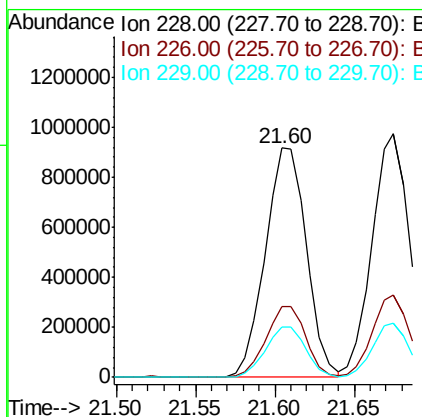
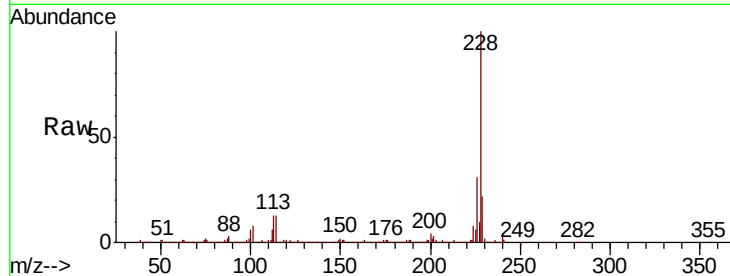




#81
Benzo(a)anthracene
Concen: 41.816 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

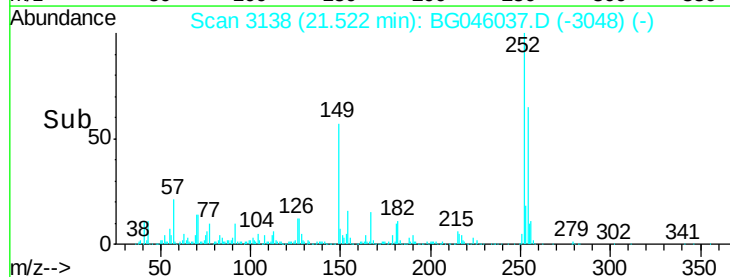
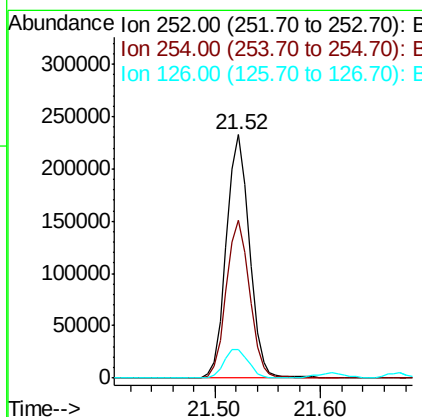
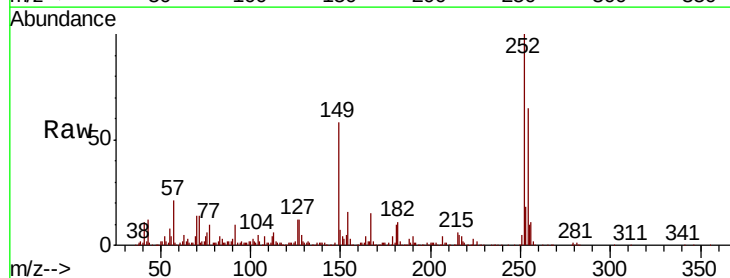
Instrument :
BNA_G
ClientSampleId :
TPMSD

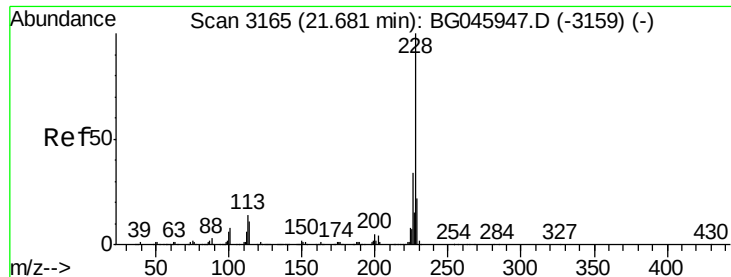
Tot Ion:228 Resp: 1653498
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 21.8 17.8 26.8



#82
3,3'-Dichlorobenzidine
Concen: 24.156 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:252 Resp: 352958
Ion Ratio Lower Upper
252 100
254 64.9 52.9 79.3
126 11.8 10.4 15.6





#83

Chrysene

Concen: 42.424 ng

RT: 21.67 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

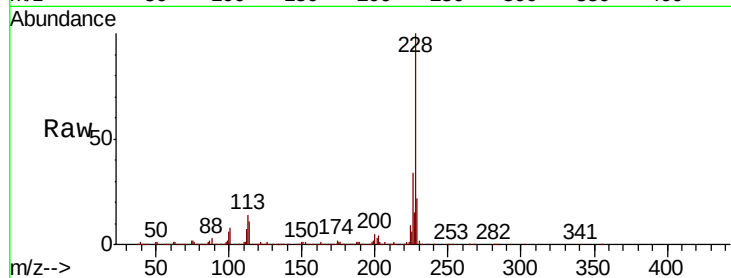
Tot Ion:228 Resp: 1598151

Ion Ratio Lower Upper

228 100

226 33.7 26.7 40.1

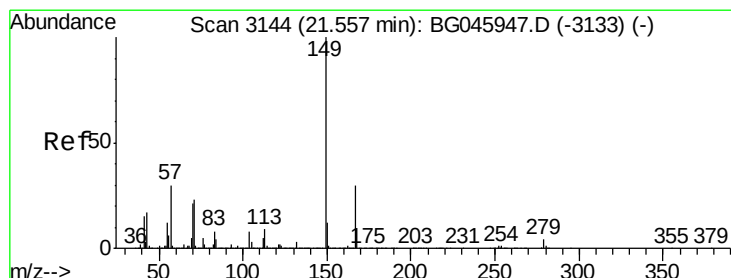
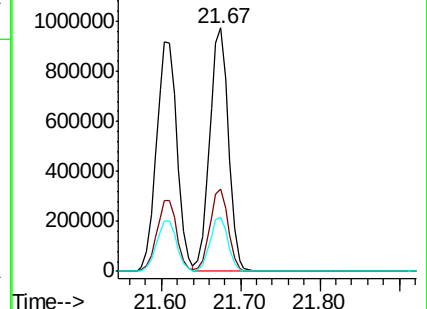
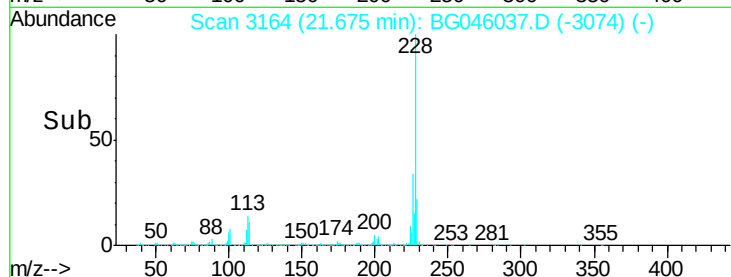
229 22.5 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.349 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

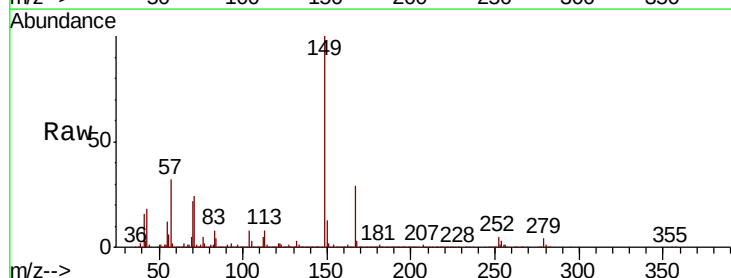
Tgt Ion:149 Resp: 1220651

Ion Ratio Lower Upper

149 100

167 29.0 23.8 35.8

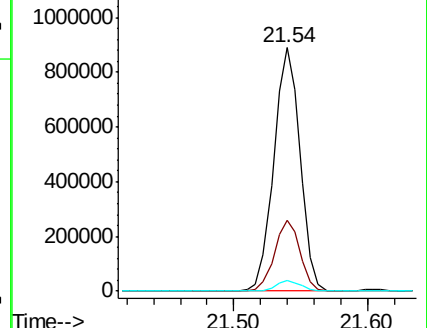
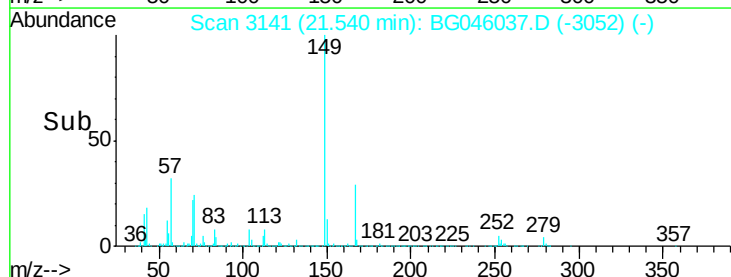
279 4.3 3.5 5.3

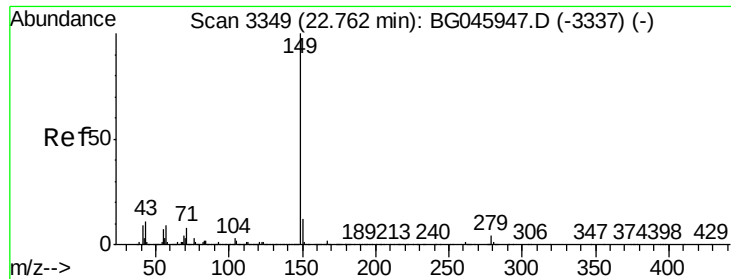


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

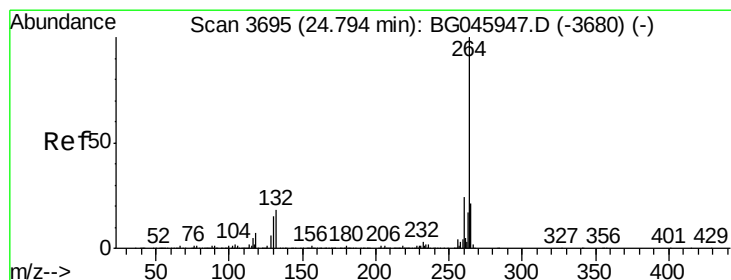
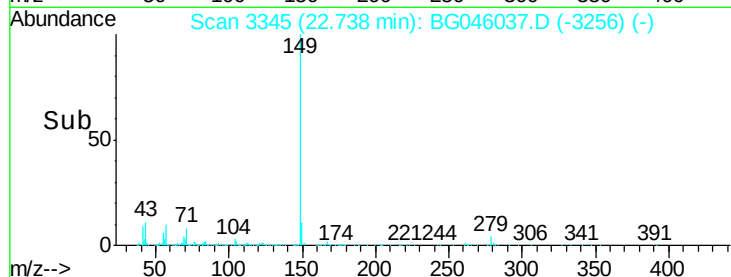
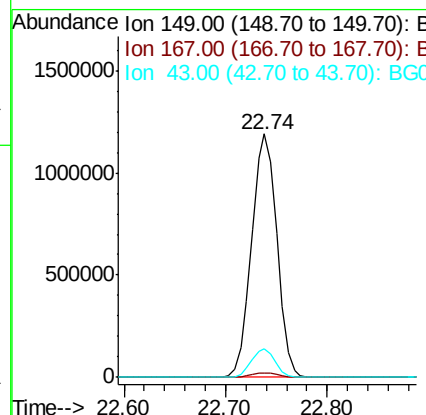
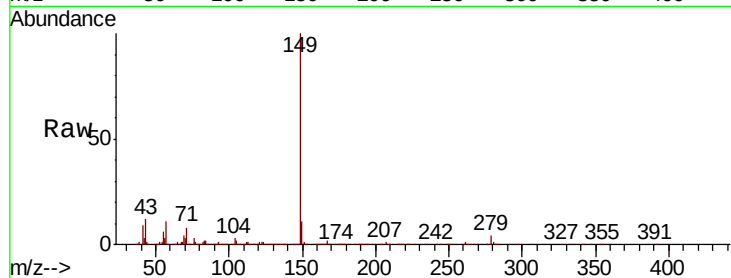




#85
Di-n-octyl phthalate
Concen: 42.099 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

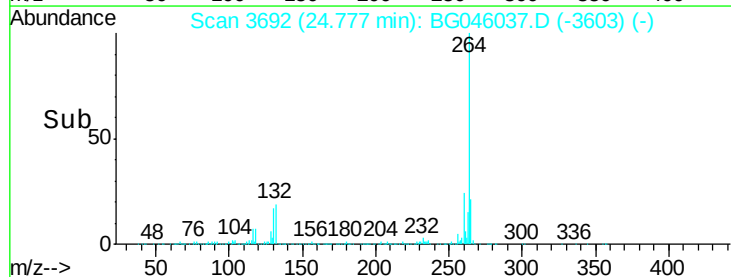
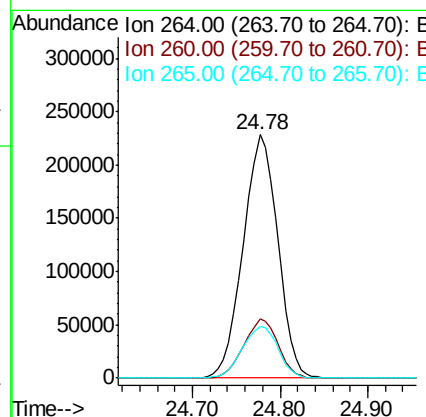
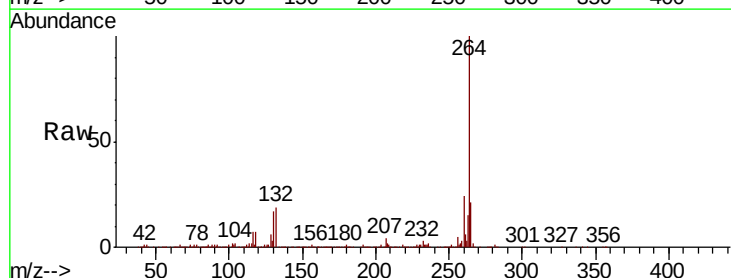
Instrument :
BNA_G
ClientSampleId :
TPMSD

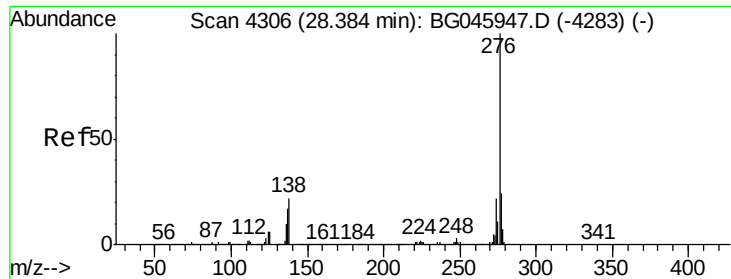
Tot Ion:149 Resp: 2057189
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.9 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:264 Resp: 613968
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.2 16.9 25.3



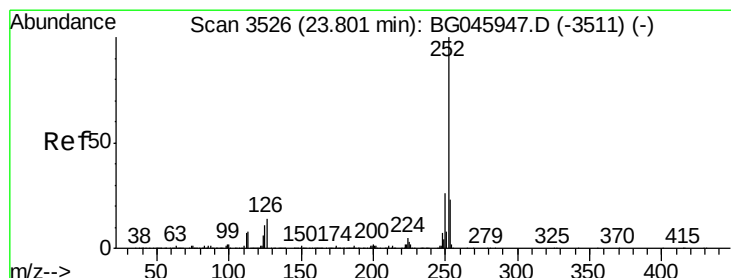
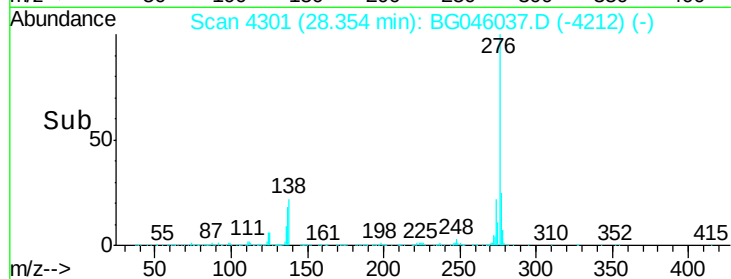
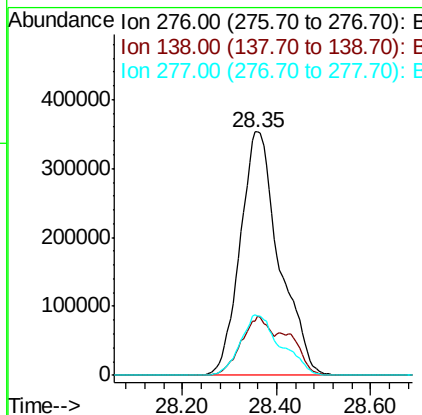
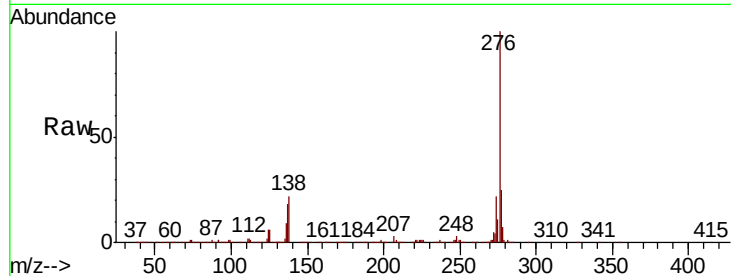


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.261 ng
 RT: 28.35 min Scan# 4301
 Delta R.T. -0.01 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

Instrument :
 BNA_G
 ClientSampleId :
 TPMSD

Tot Ion:276 Resp: 2032967

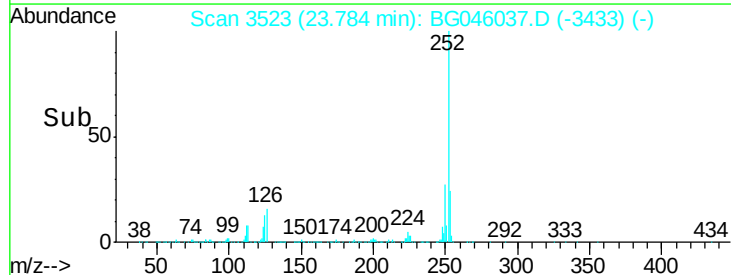
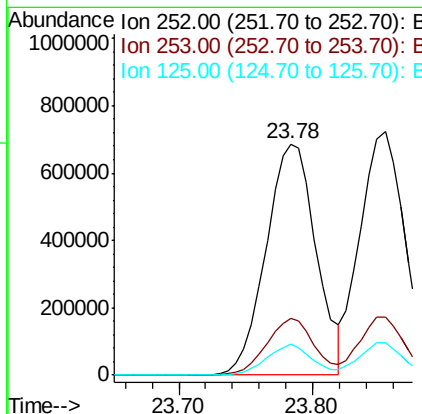
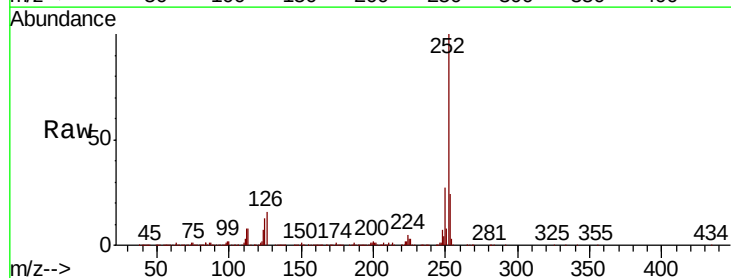
Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.4	24.6
277	25.9	20.6	31.0

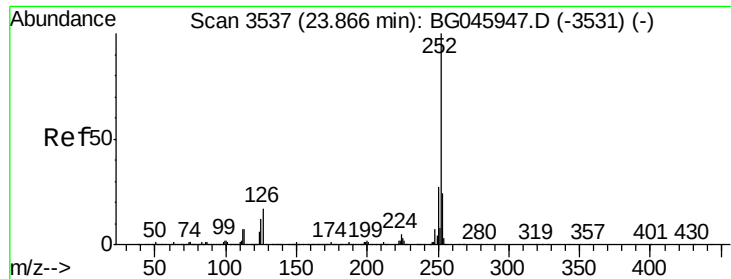


#88
 Benzo(b)fluoranthene
 Concen: 45.698 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. 0.00 min
 Lab File: BG046037.D
 Acq: 14 Jul 2020 17:47

Tgt Ion:252 Resp: 1781084

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	13.3	9.2	13.8





#89

Benzo(k)fluoranthene

Concen: 45.335 ng

RT: 23.85 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

Instrument :

BNA_G

ClientSampleId :

TPMSD

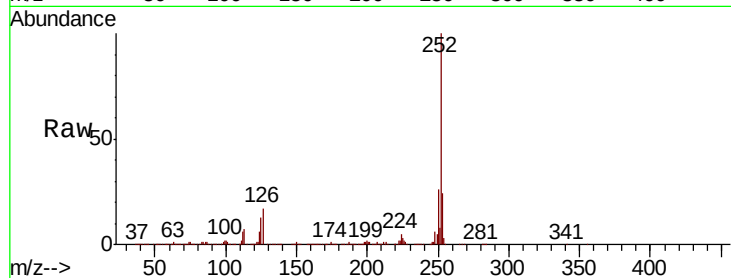
Tot Ion:252 Resp: 1670762

Ion Ratio Lower Upper

252 100

253 24.1 18.9 28.3

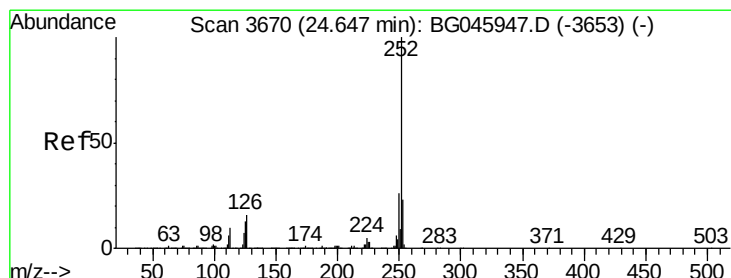
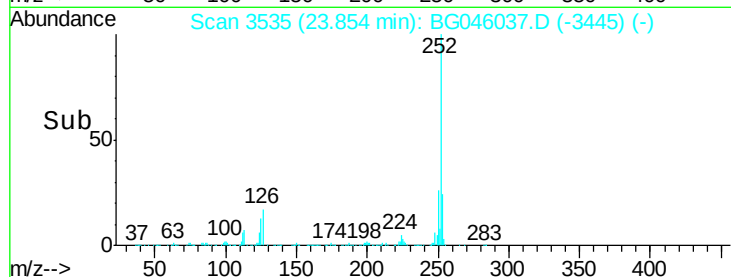
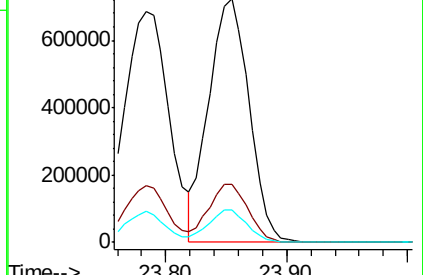
125 13.2 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.505 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG046037.D

Acq: 14 Jul 2020 17:47

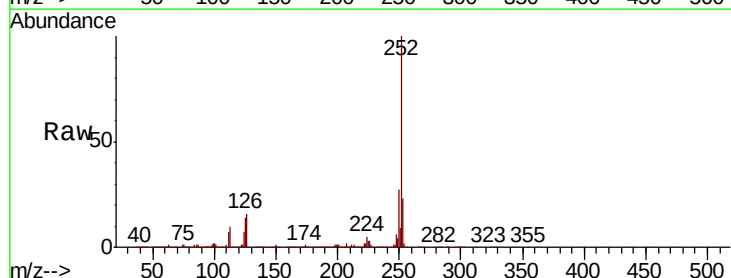
Tgt Ion:252 Resp: 1631096

Ion Ratio Lower Upper

252 100

253 23.1 18.6 28.0

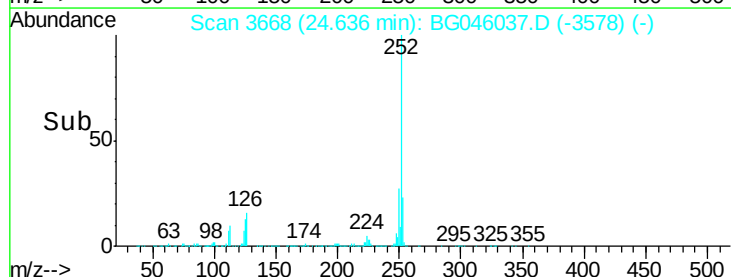
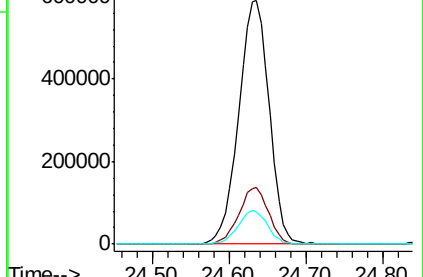
125 13.5 10.5 15.7

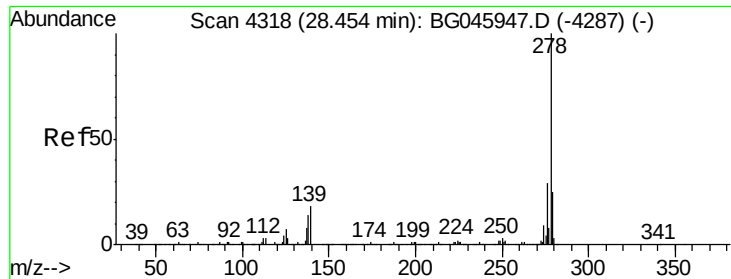


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

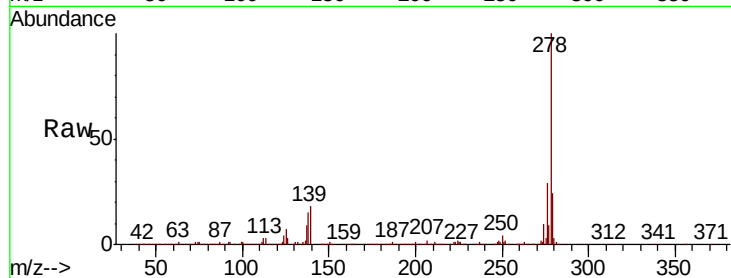




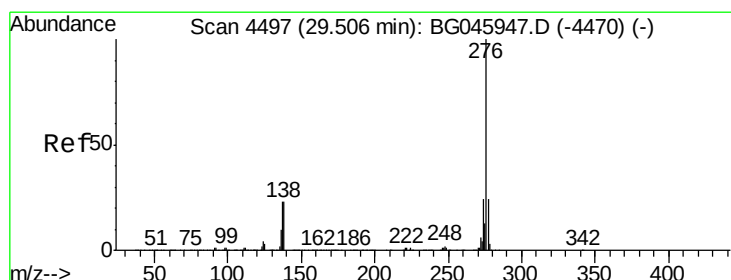
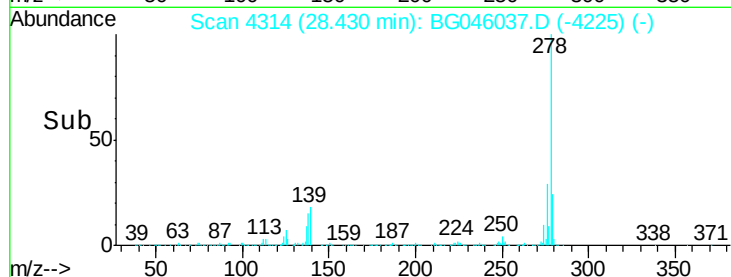
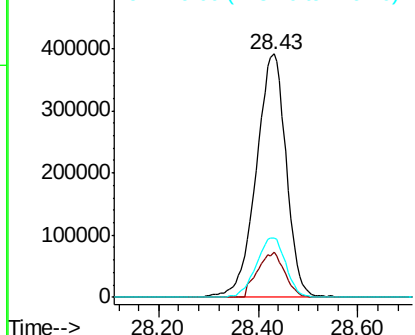
#91
Dibenzo(a,h)anthracene
Concen: 45.100 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Instrument :
BNA_G
ClientSampleId :
TPMSD

Tot Ion:278 Resp: 1633847
Ion Ratio Lower Upper
278 100
139 18.3 14.3 21.5
279 24.4 19.8 29.6

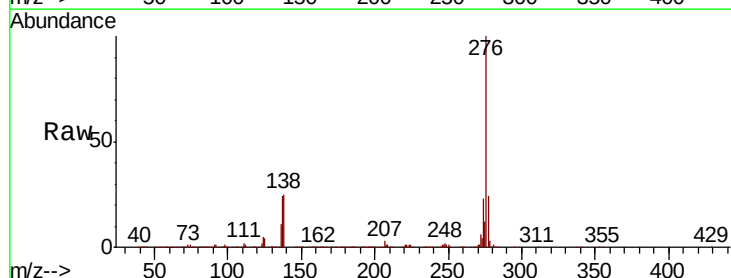


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.238 ng
RT: 29.47 min Scan# 4491
Delta R.T. -0.01 min
Lab File: BG046037.D
Acq: 14 Jul 2020 17:47

Tgt Ion:276 Resp: 1649261
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 25.2 18.6 28.0



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

