

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040865.D
 Acq On : 11 May 2019 3:38
 Operator : HP/JU
 Sample : K2750-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

Quant Time: May 11 06:46:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53875	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	215458	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	160420	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	425886	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	427940	20.00	ng	-0.04
87) Perylene-d12	25.14	264	469952	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	427603	139.91	ng	-0.02
7) Phenol-d6	7.28	99	586917	124.72	ng	-0.02
23) Nitrobenzene-d5	9.32	82	463067	99.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	377723	171.30	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	1055497	95.02	ng	-0.03
79) Terphenyl-d14	20.10	244	1939705	100.42	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	47272	34.010	ng	# 42
3) Pyridine	3.95	79	126259	31.339	ng	96
4) n-Nitrosodimethylamine	3.86	42	86298	38.618	ng	88
6) Aniline	7.46	93	105418	16.901	ng	97
8) 2-Chlorophenol	7.69	128	166787	44.693	ng	97
9) Benzaldehyde	7.27	77	84558	27.066	ng	92
10) Phenol	7.31	94	201226	39.780	ng	97
11) bis(2-Chloroethyl)ether	7.55	93	157469	41.513	ng	96
12) 1,3-Dichlorobenzene	8.02	146	157732	38.724	ng	99
13) 1,4-Dichlorobenzene	8.17	146	163599	39.620	ng	98
14) 1,2-Dichlorobenzene	8.49	146	155572	39.067	ng	98
15) Benzyl Alcohol	8.37	79	202471	41.351	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	262110	34.706	ng	95
17) 2-Methylphenol	8.56	107	155927	43.557	ng	93
18) Hexachloroethane	9.22	117	59997	35.421	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	164386	38.806	ng	96
20) 3+4-Methylphenols	8.89	107	217992	43.712	ng	98
22) Acetophenone	8.96	105	292861	48.881	ng	# 93
24) Nitrobenzene	9.36	77	239340	48.107	ng	95
25) Isophorone	9.87	82	466206	44.885	ng	95
26) 2-Nitrophenol	10.07	139	101021	56.646	ng	98
27) 2,4-Dimethylphenol	10.11	122	179145	53.539	ng	98
28) bis(2-Chloroethoxy)methane	10.35	93	239452	45.949	ng	99
29) 2,4-Dichlorophenol	10.60	162	210507	55.338	ng	94
30) 1,2,4-Trichlorobenzene	10.81	180	205592	48.736	ng	97
31) Naphthalene	11.01	128	523373	45.723	ng	100
32) Benzoic acid	10.16	122	11707m	5.111	ng	
33) 4-Chloroaniline	11.12	127	13276	2.616	ng	# 91
34) Hexachlorobutadiene	11.27	225	150272	48.251	ng	98
35) Caprolactam	11.90	113	56382m	37.541	ng	
36) 4-Chloro-3-methylphenol	12.22	107	240550	50.126	ng	97
37) 2-Methylnaphthalene	12.61	142	403107	47.101	ng	98
38) 1-Methylnaphthalene	12.82	142	392480	46.917	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	288721	48.313	ng	99

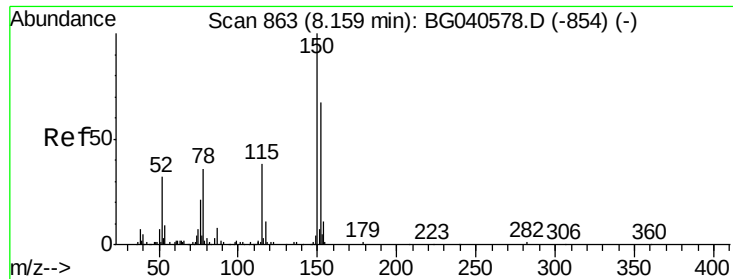
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	371843	105.447	ng	97
43) 2,4,6-Trichlorophenol	13.20	196	201693	55.849	ng	98
44) 2,4,5-Trichlorophenol	13.27	196	213639	54.305	ng	95
46) 1,1'-Biphenyl	13.60	154	559096	44.889	ng	96
47) 2-Chloronaphthalene	13.65	162	460308	47.224	ng	97
48) 2-Nitroaniline	13.85	65	174988	50.434	ng	98
49) Acenaphthylene	14.49	152	737632	44.604	ng	99
50) Dimethylphthalate	14.22	163	652511	48.615	ng	100
51) 2,6-Dinitrotoluene	14.35	165	145483	55.537	ng	85
52) Acenaphthene	14.83	154	437221	45.398	ng	94
53) 3-Nitroaniline	14.67	138	40793	15.198	ng #	86
54) 2,4-Dinitrophenol	14.87	184	66211	47.901	ng #	92
55) Dibenzofuran	15.16	168	742882	47.094	ng	100
56) 4-Nitrophenol	14.97	139	212258	91.201	ng	92
57) 2,4-Dinitrotoluene	15.13	165	208174	58.483	ng #	90
58) Fluorene	15.81	166	597339	46.850	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	225986	57.072	ng	96
60) Diethylphthalate	15.57	149	675318	47.687	ng	97
61) 4-Chlorophenyl-phenylether	15.80	204	374091	50.448	ng	96
62) 4-Nitroaniline	15.84	138	135935	45.275	ng	90
63) Azobenzene	16.09	77	624479	42.819	ng	94
65) 4,6-Dinitro-2-methylphenol	15.88	198	67956	34.694	ng	93
66) n-Nitrosodiphenylamine	16.01	169	561981	44.851	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	255461	48.146	ng	93
68) Hexachlorobenzene	16.80	284	267477	48.753	ng	93
69) Atrazine	16.95	200	253569	51.078	ng	99
70) Pentachlorophenol	17.15	266	261321	81.397	ng	100
71) Phenanthrene	17.55	178	1040507	45.359	ng	98
72) Anthracene	17.64	178	1071148	46.455	ng	98
73) Carbazole	17.91	167	941483	44.817	ng	99
74) Di-n-butylphthalate	18.45	149	1132174	44.652	ng	100
75) Fluoranthene	19.55	202	1369043	47.892	ng	98
77) Benzidine	19.73	184	93948	8.018	ng	99
78) Pyrene	19.92	202	1375128	51.270	ng	98
80) Butylbenzylphthalate	20.79	149	527155	50.428	ng	91
81) Benzo(a)anthracene	21.77	228	1324390	48.968	ng	97
82) 3,3'-Dichlorobenzidine	21.68	252	166503	17.272	ng	100
83) Chrysene	21.84	228	1307419	50.829	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	724616	48.019	ng	94
85) Di-n-octyl phthalate	22.89	149	1234371	48.571	ng	96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1643496	52.848	ng #	87
88) Benzo(b)fluoranthene	24.07	252	1377400	47.963	ng	96
89) Benzo(k)fluoranthene	24.15	252	1355195m	50.530	ng	
90) Benzo(a)pyrene	24.99	252	1350303	49.673	ng #	98
91) Dibenzo(a,h)anthracene	29.06	278	1351077	49.113	ng	96
92) Benzo(g,h,i)perylene	30.22	276	1362392	49.762	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

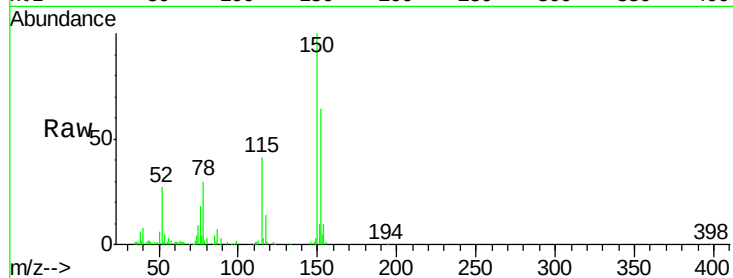
Tgt Ion:152 Resp: 53875

Ion Ratio Lower Upper

152 100

150 157.5 120.2 180.2

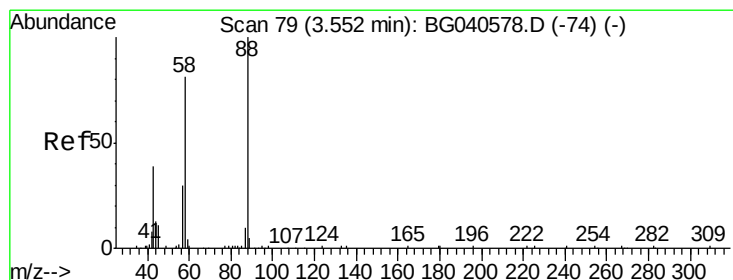
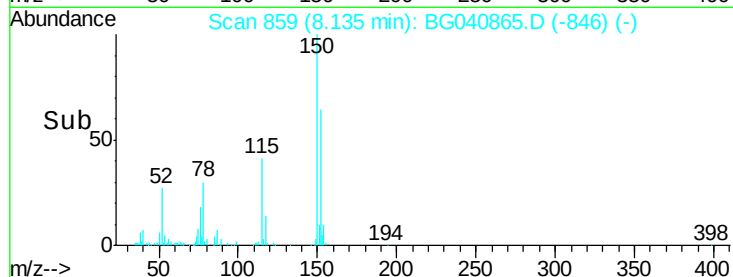
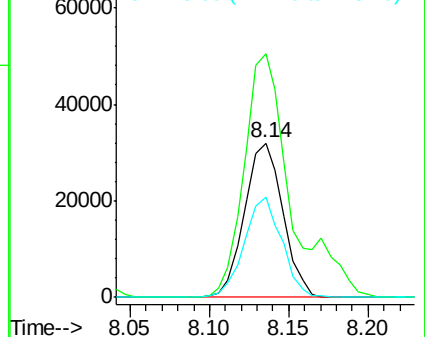
115 65.0 46.2 69.2



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: 34.010 ng

RT: 3.54 min Scan# 77

Delta R.T. -0.01 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

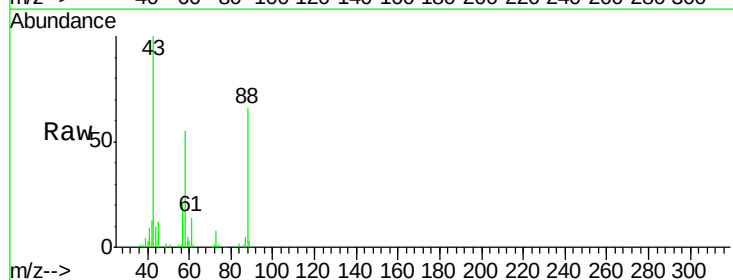
Tgt Ion: 88 Resp: 47272

Ion Ratio Lower Upper

88 100

58 83.7 71.2 106.8

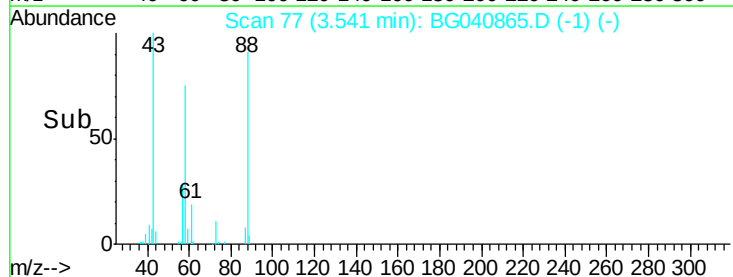
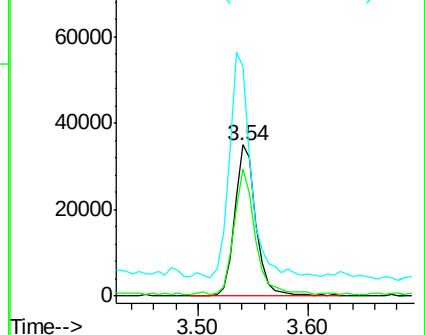
43 150.3 35.6 53.4#

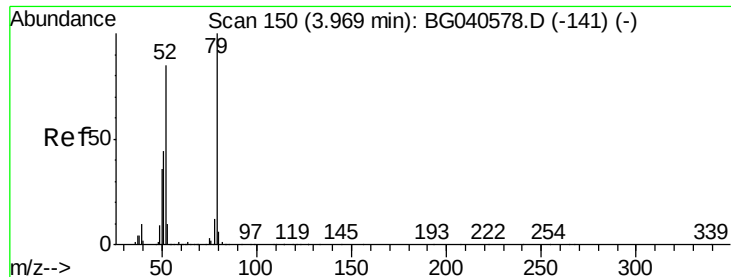


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.339 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

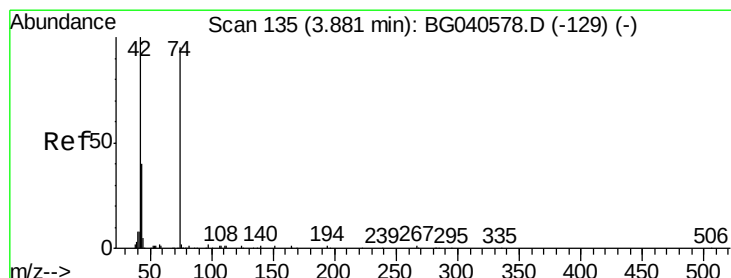
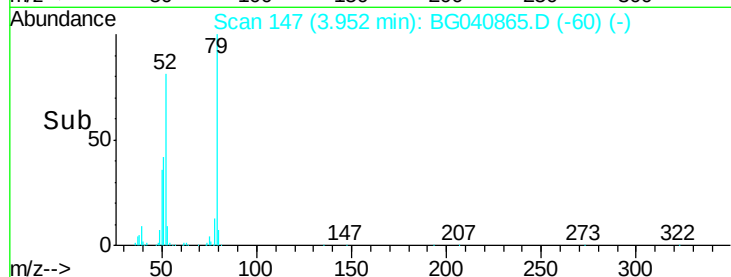
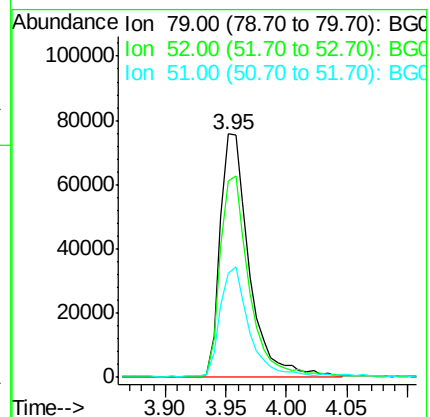
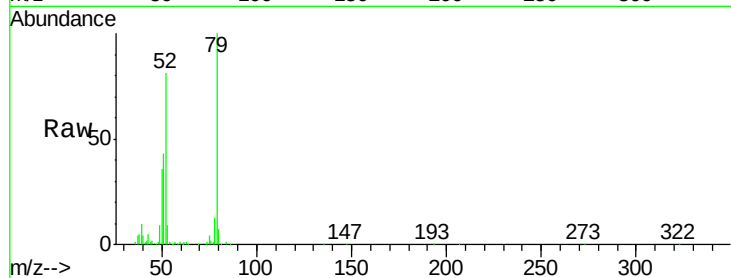
Tgt Ion: 79 Resp: 126259

Ion Ratio Lower Upper

79 100

52 80.5 67.5 101.3

51 42.8 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 38.618 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

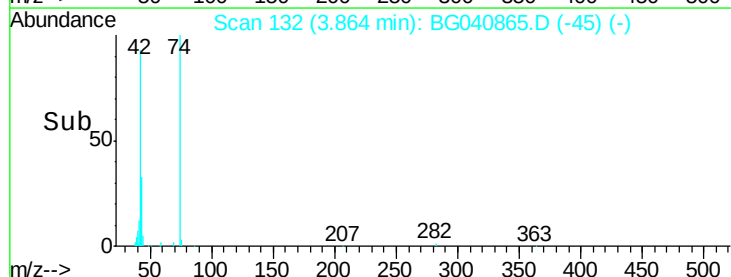
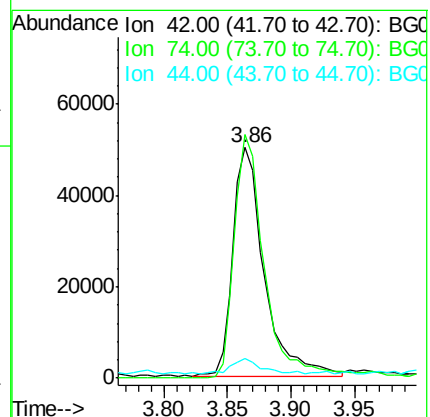
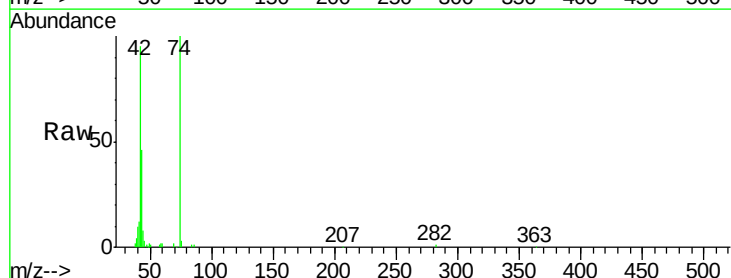
Tgt Ion: 42 Resp: 86298

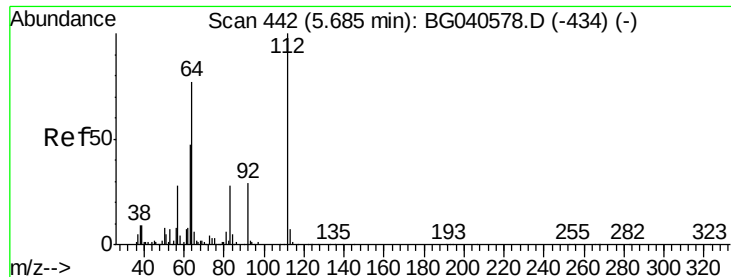
Ion Ratio Lower Upper

42 100

74 105.5 74.6 111.8

44 8.7 7.4 11.0





#5

2-Fluorophenol

Concen: 139.910 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

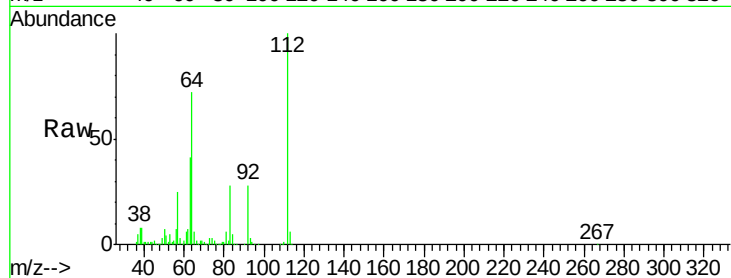
Instrument :

BNA_G

ClientSampleId :

72-11995MS

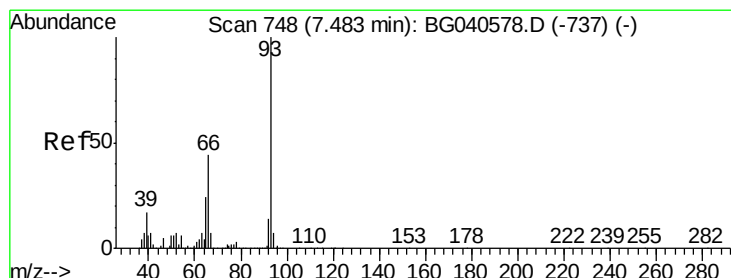
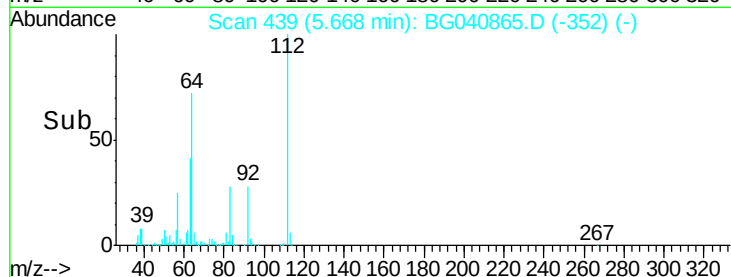
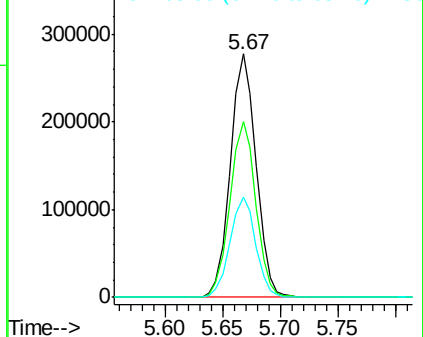
Tgt Ion:	112	Resp:	427603
Ion	Ratio	Lower	Upper
112	100		
64	72.3	61.4	92.0
63	41.4	37.8	56.6



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: 16.901 ng

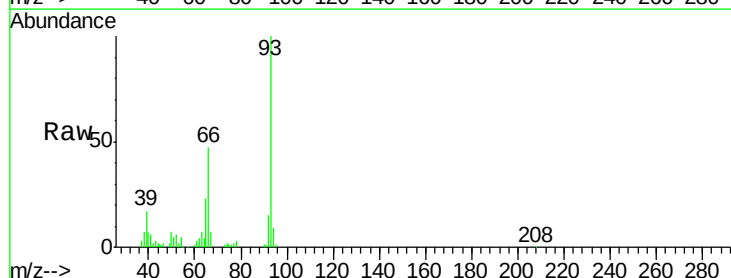
RT: 7.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

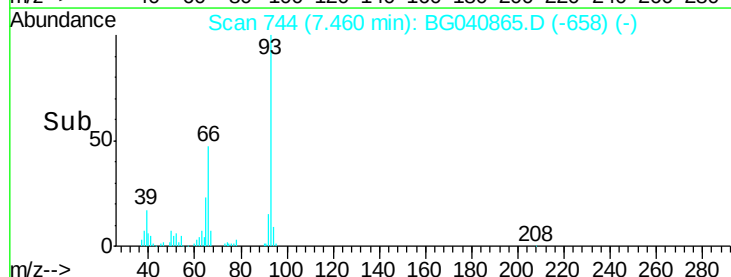
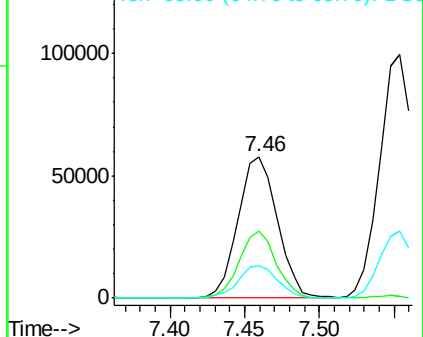
Tgt Ion:	93	Resp:	105418
Ion	Ratio	Lower	Upper
93	100		
66	47.1	35.5	53.3
65	23.3	19.2	28.8

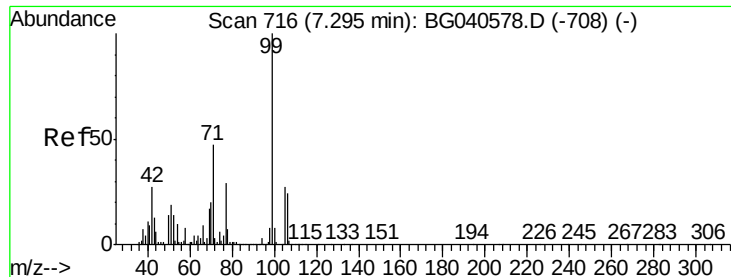


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.722 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

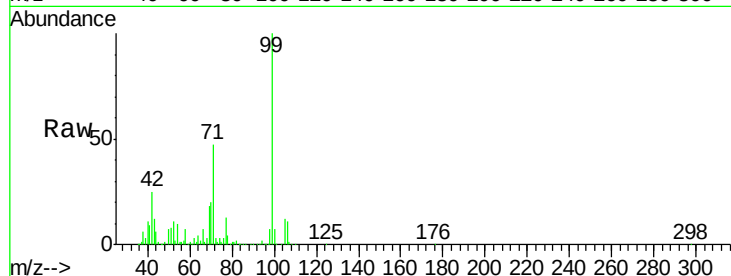
Tgt Ion: 99 Resp: 586917

Ion Ratio Lower Upper

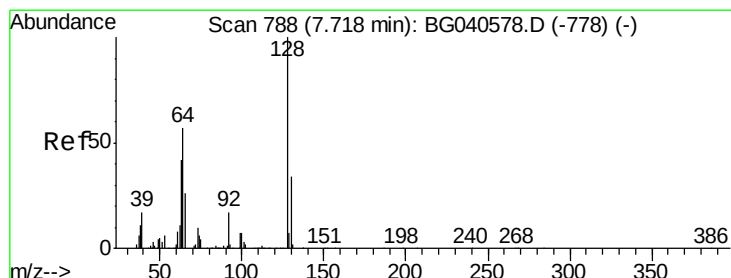
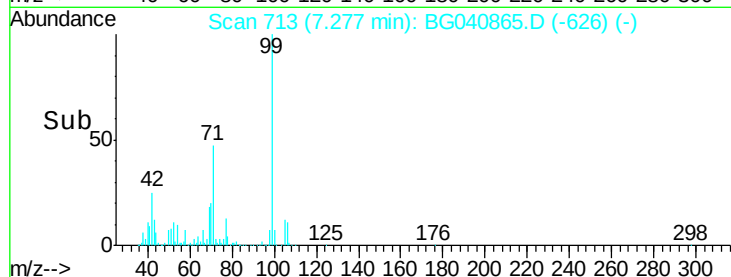
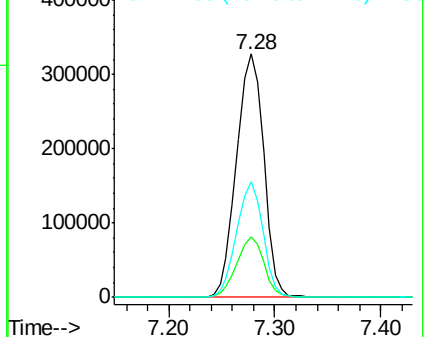
99 100

42 25.1 21.8 32.8

71 47.5 38.6 57.8



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: 44.693 ng

RT: 7.69 min Scan# 784

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

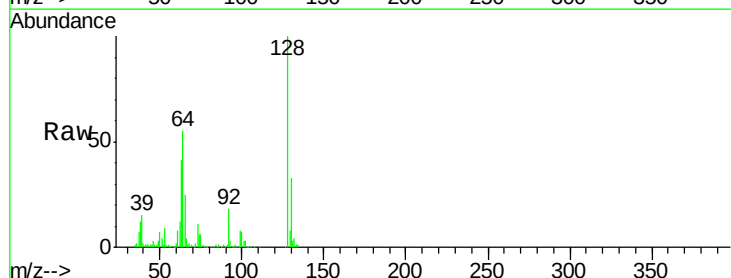
Tgt Ion: 128 Resp: 166787

Ion Ratio Lower Upper

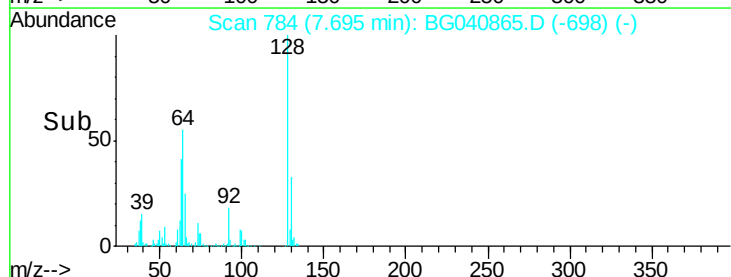
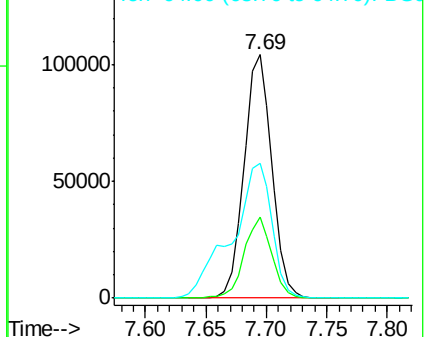
128 100

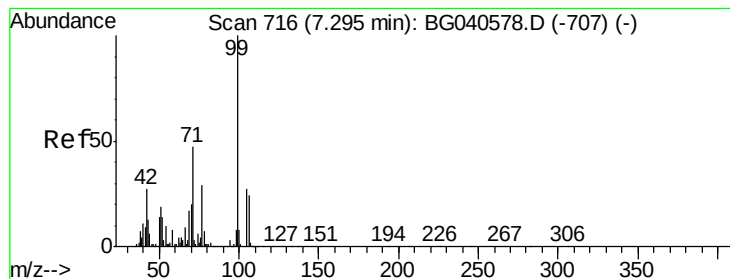
130 33.1 14.5 54.5

64 55.3 38.4 78.4



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: 27.066 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

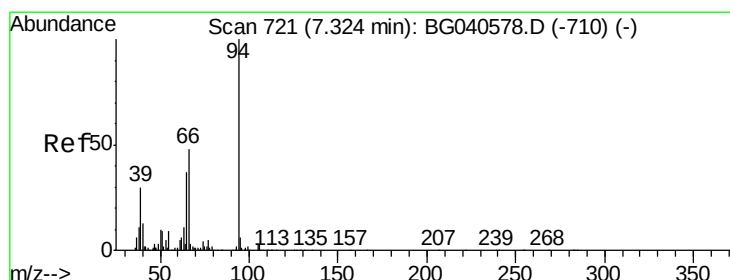
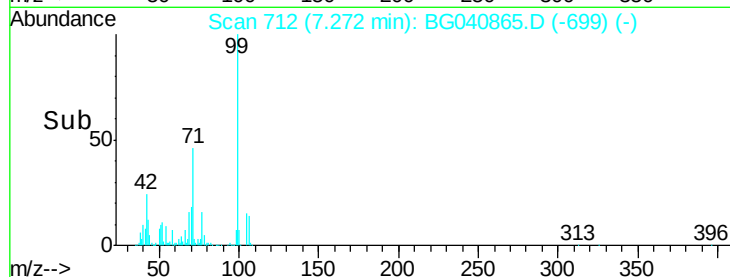
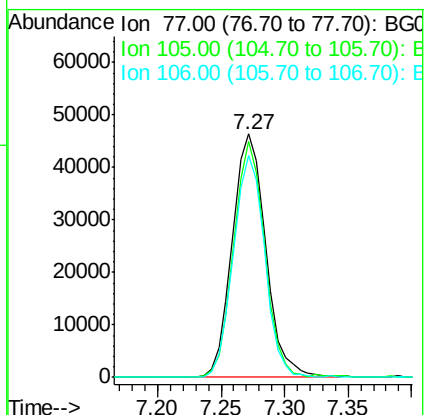
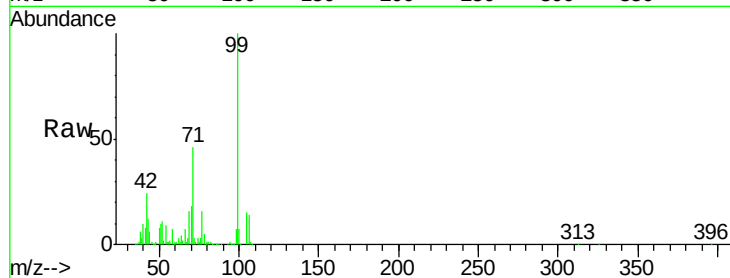
Tgt Ion: 77 Resp: 84558

Ion Ratio Lower Upper

77 100

105 96.7 72.0 112.0

106 91.0 61.2 101.2



#10

Phenol

Concen: 39.780 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

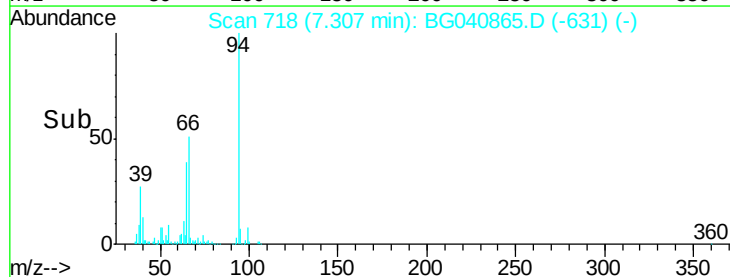
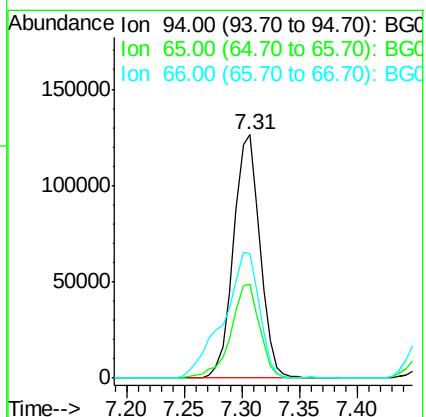
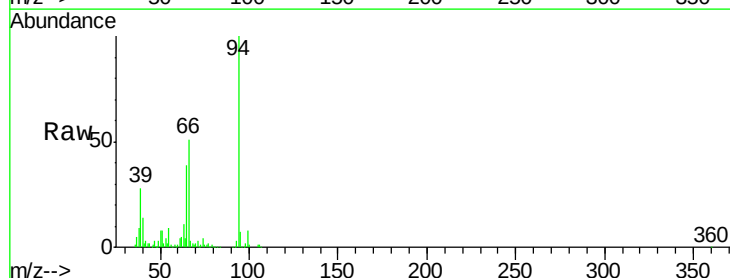
Tgt Ion: 94 Resp: 201226

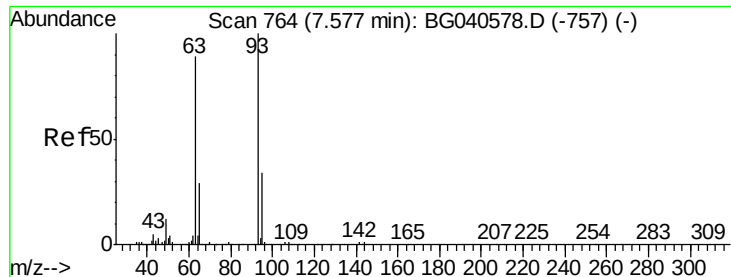
Ion Ratio Lower Upper

94 100

65 38.7 17.0 57.0

66 51.1 28.6 68.6





#11

bis(2-Chloroethyl)ether

Concen: 41.513 ng

RT: 7.55 min Scan# 760

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

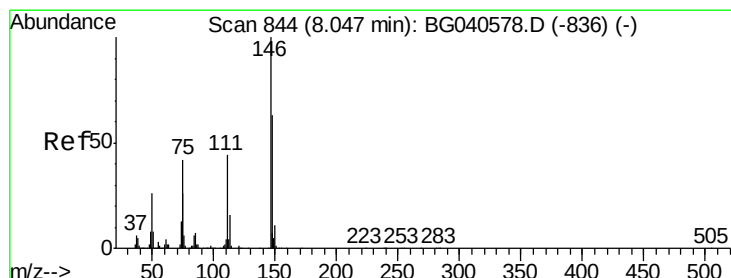
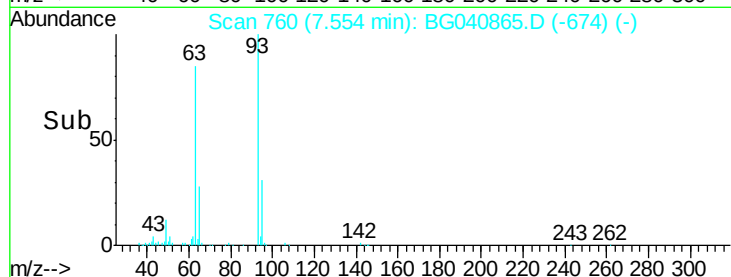
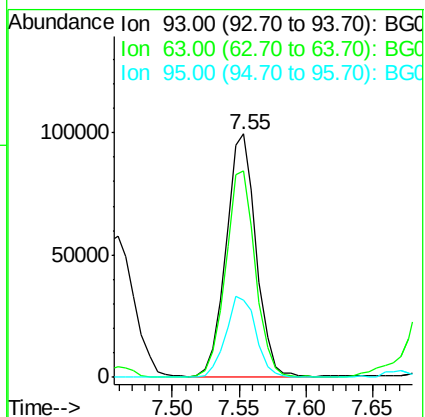
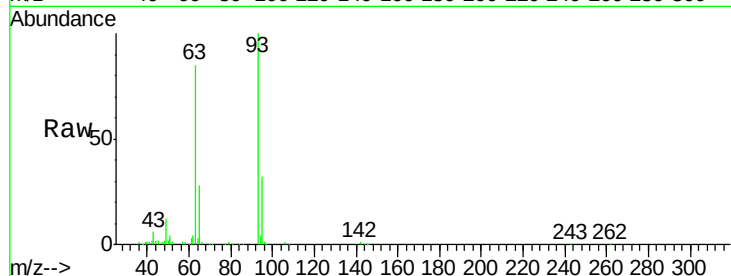
Tgt Ion: 93 Resp: 157469

Ion Ratio Lower Upper

93 100

63 84.8 68.2 108.2

95 31.5 14.3 54.3



#12

1,3-Dichlorobenzene

Concen: 38.724 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

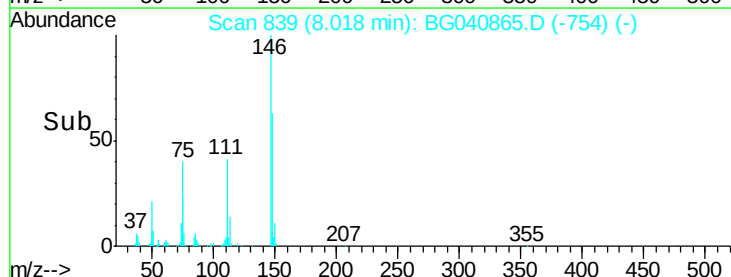
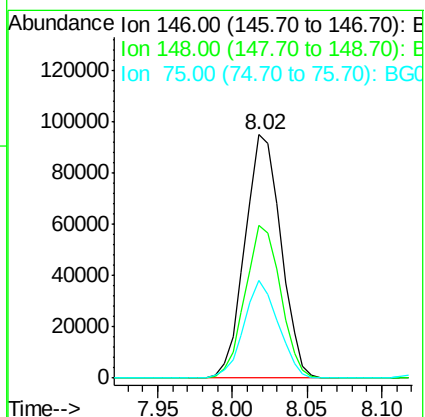
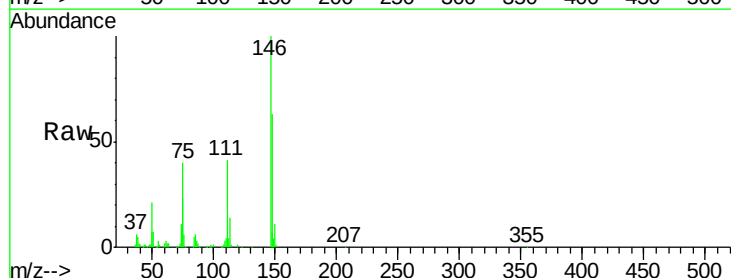
Tgt Ion: 146 Resp: 157732

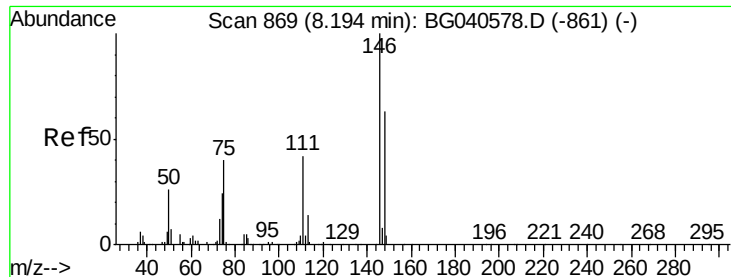
Ion Ratio Lower Upper

146 100

148 62.9 50.7 76.1

75 40.2 33.4 50.2

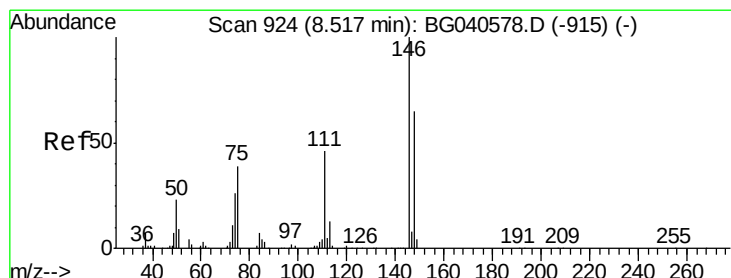
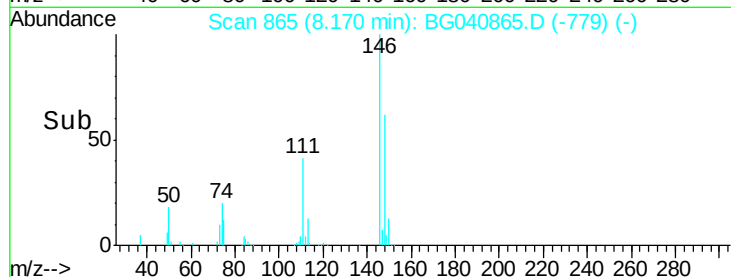
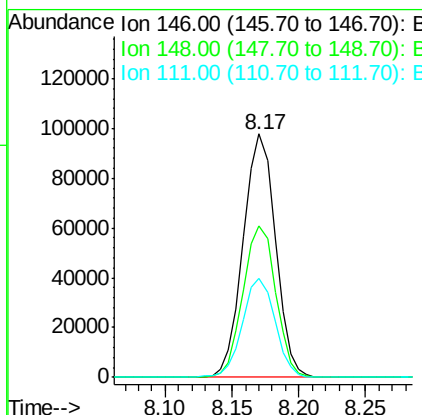
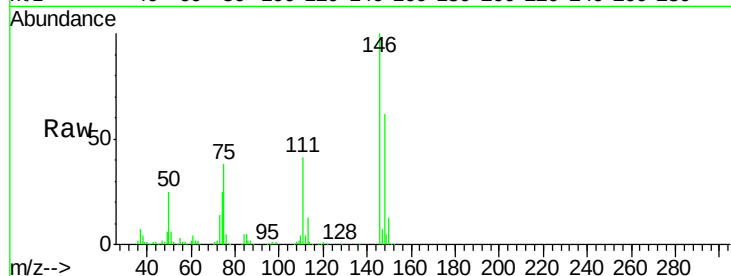




#13
 1,4-Dichlorobenzene
 Concen: 39.620 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

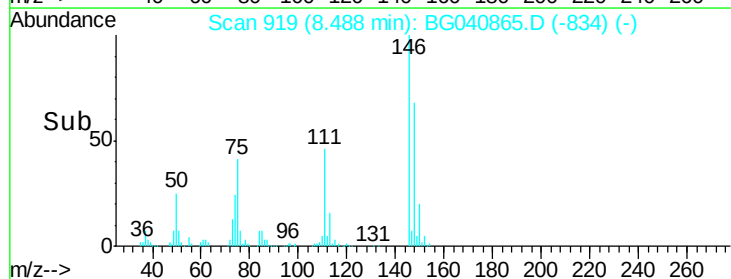
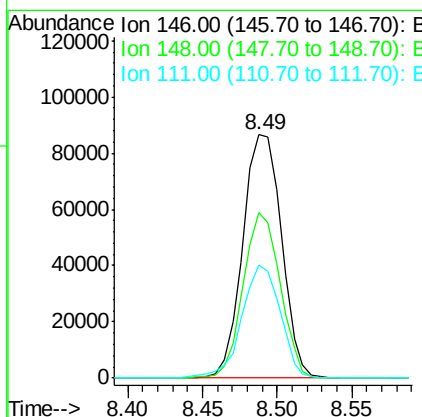
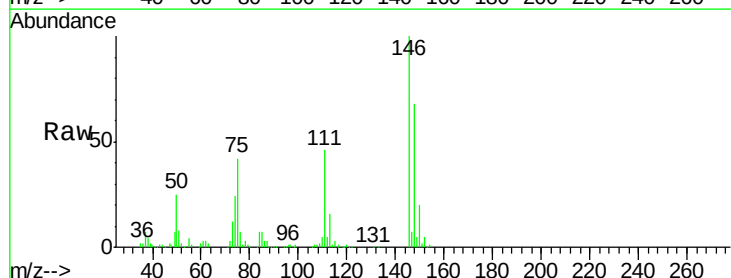
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

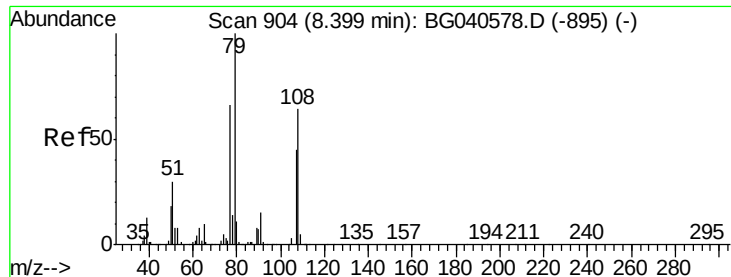
Tgt Ion:146 Resp: 163599
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 40.8 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 39.067 ng
 RT: 8.49 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion:146 Resp: 155572
 Ion Ratio Lower Upper
 146 100
 148 68.1 52.2 78.4
 111 46.4 37.4 56.0





#15

Benzyl Alcohol

Concen: 41.351 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

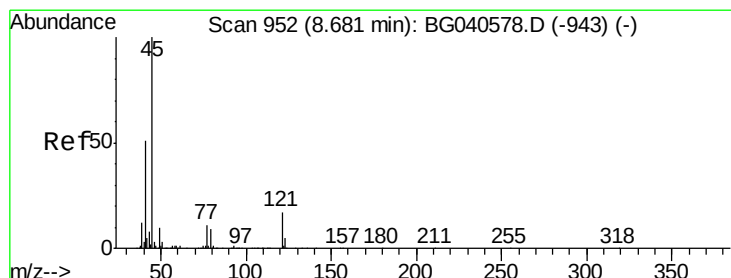
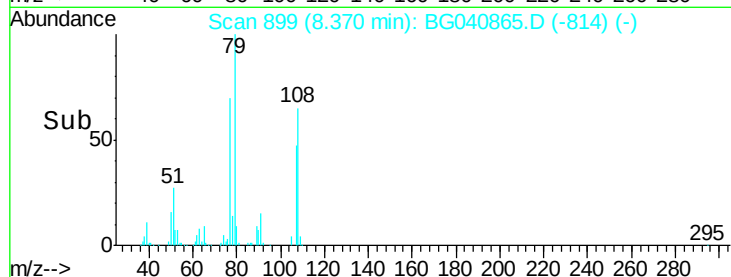
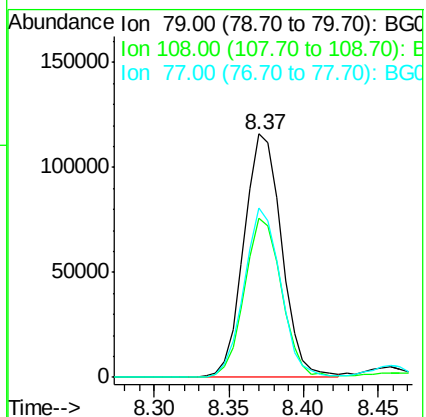
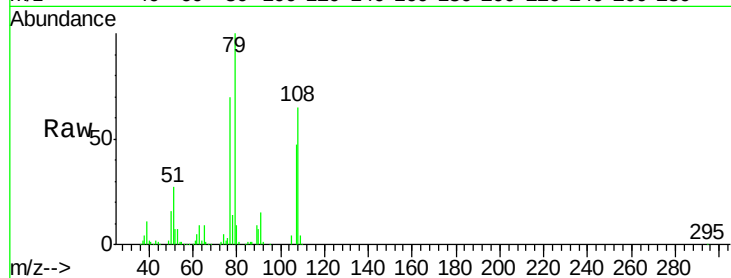
Tgt Ion: 79 Resp: 202471

Ion Ratio Lower Upper

79 100

108 65.2 51.4 77.0

77 69.7 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.706 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

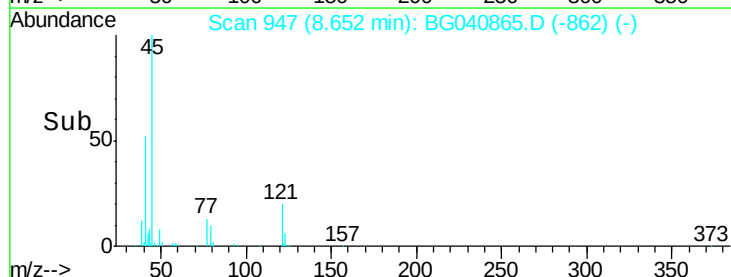
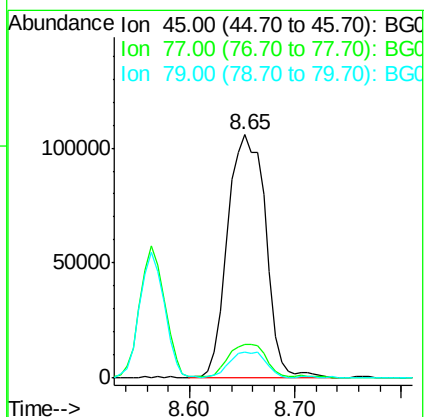
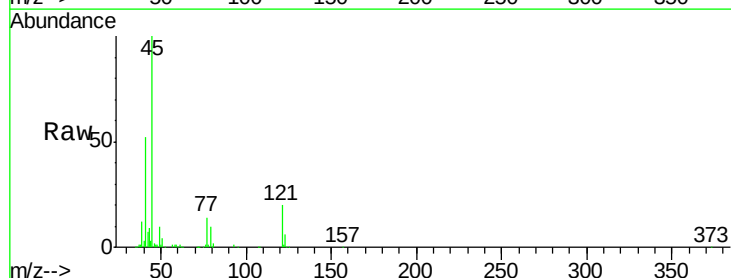
Tgt Ion: 45 Resp: 262110

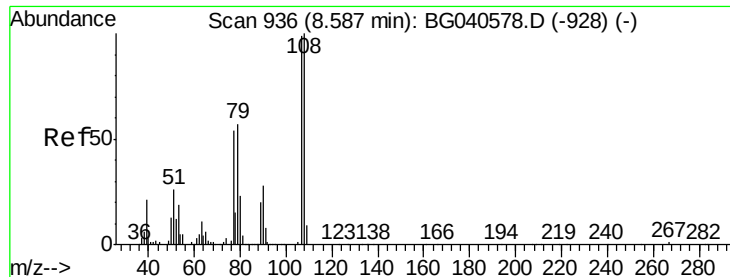
Ion Ratio Lower Upper

45 100

77 13.8 0.0 31.5

79 10.5 0.0 29.4

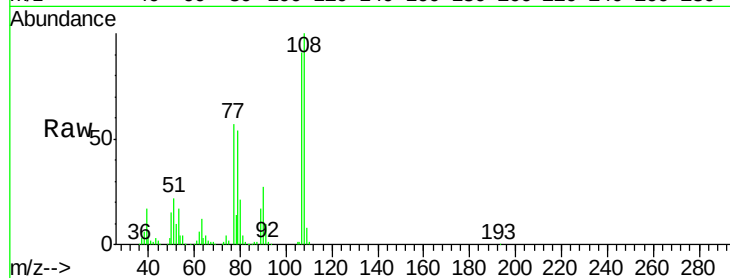




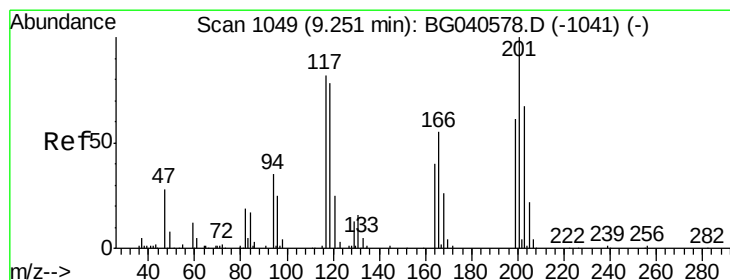
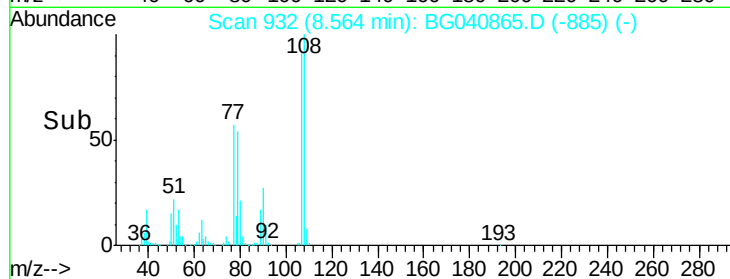
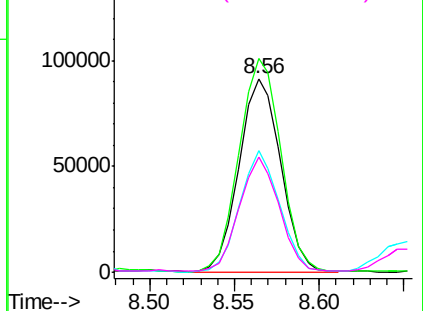
#17
2-Methylphenol
Concen: 43.557 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Instrument :
BNA_G
ClientSampleId :
72-11995MS

Tgt Ion:	107	Resp:	155927
Ion	Ratio	Lower	Upper
107	100		
108	110.4	81.2	121.8
77	62.9	44.4	66.6
79	59.5	47.0	70.4

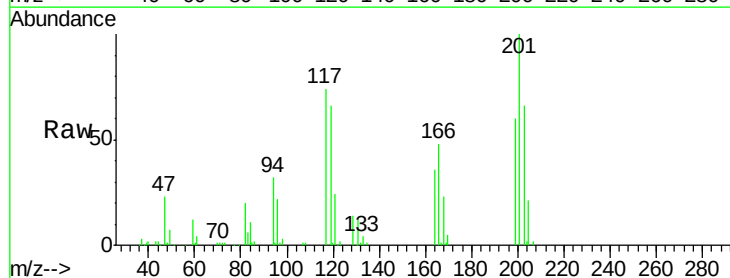


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

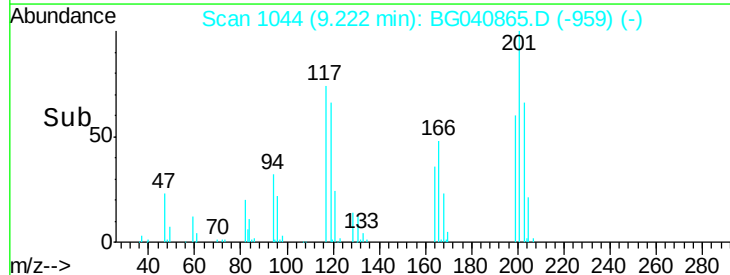
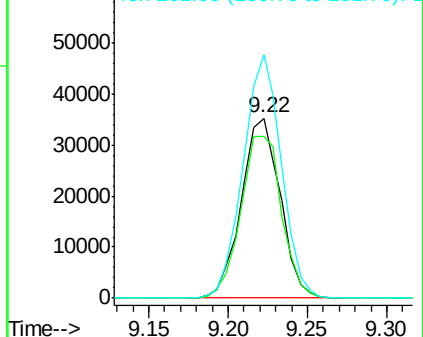


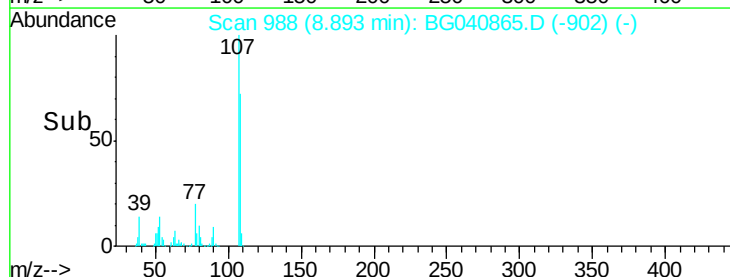
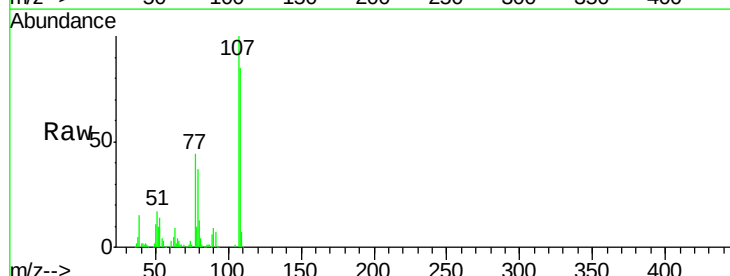
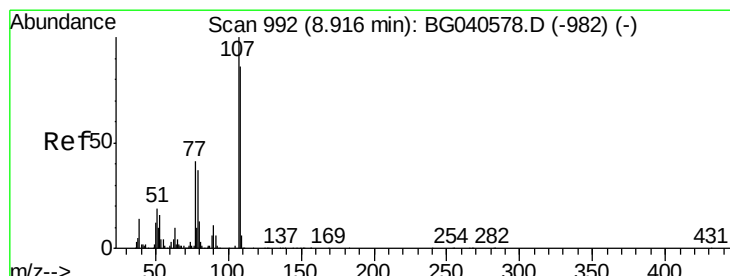
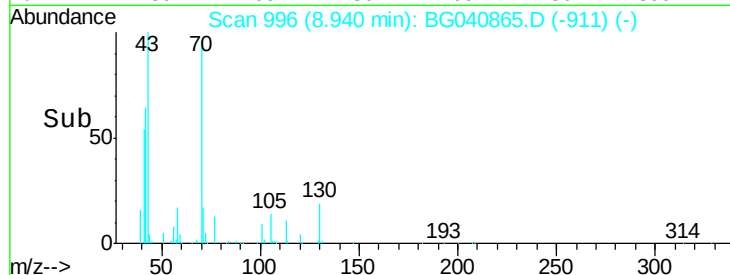
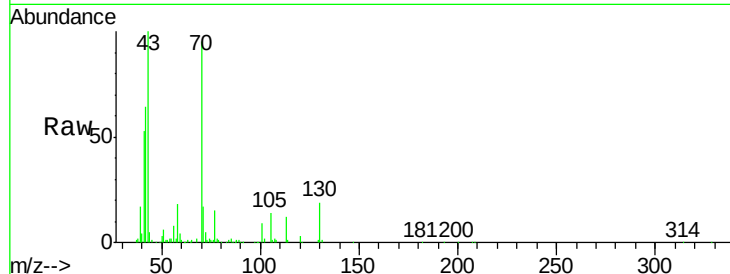
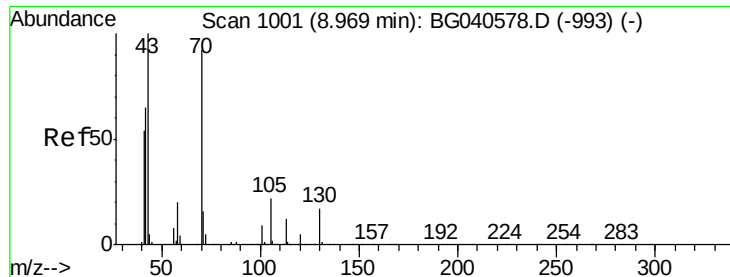
#18
Hexachloroethane
Concen: 35.421 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Tgt Ion:	117	Resp:	59997
Ion	Ratio	Lower	Upper
117	100		
119	90.0	76.6	114.8
201	135.5	101.0	151.6



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

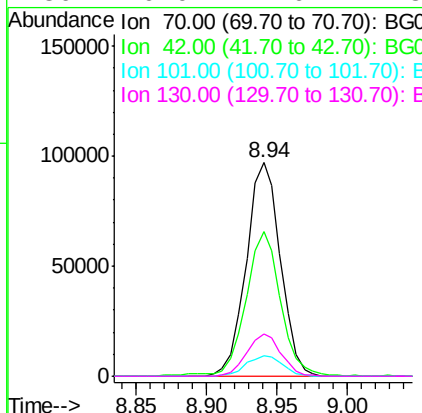




#19
n-Nitroso-di-n-propylamine
Concen: 38.806 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

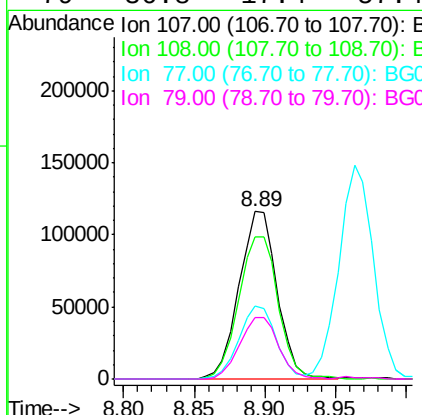
Instrument :
BNA_G
ClientSampleId :
72-11995MS

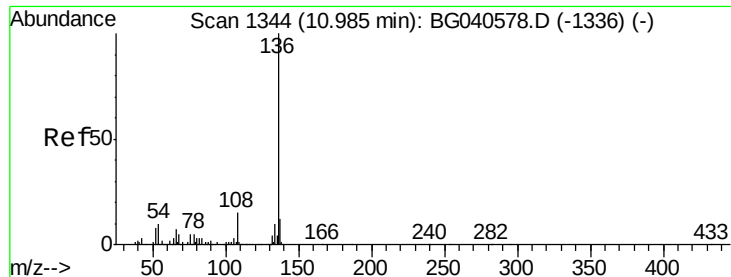
Tgt Ion: 70 Resp: 164386
Ion Ratio Lower Upper
70 100
42 67.8 57.1 85.7
101 9.6 7.8 11.8
130 20.0 14.6 21.8



#20
3+4-Methylphenols
Concen: 43.712 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Tgt Ion: 107 Resp: 217992
Ion Ratio Lower Upper
107 100
108 85.1 66.1 106.1
77 43.8 21.6 61.6
79 36.8 17.4 57.4

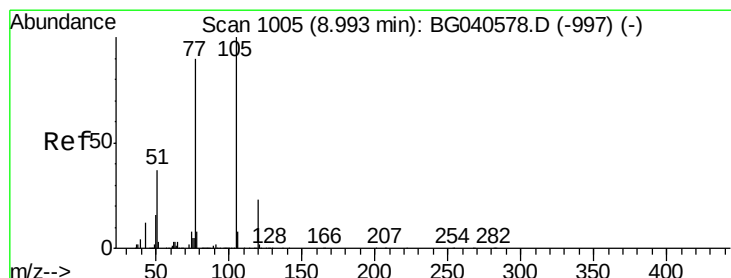
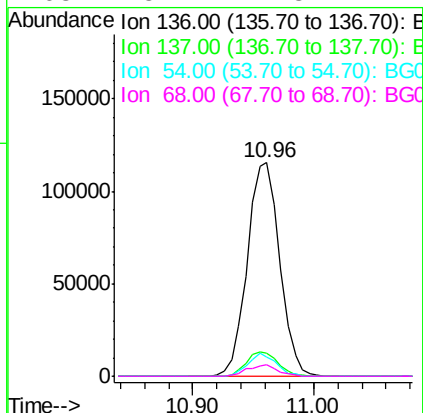
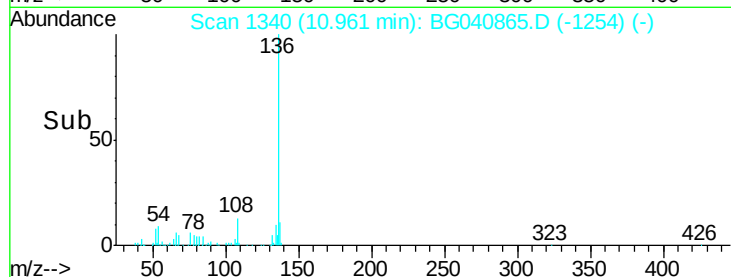
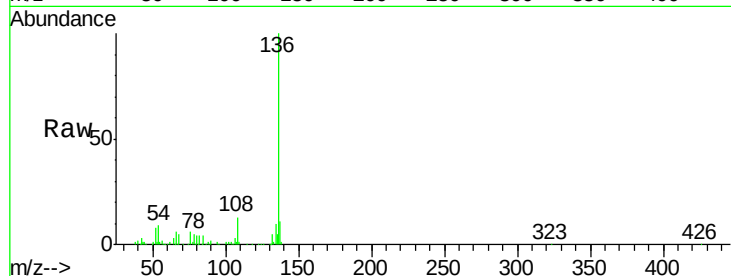




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

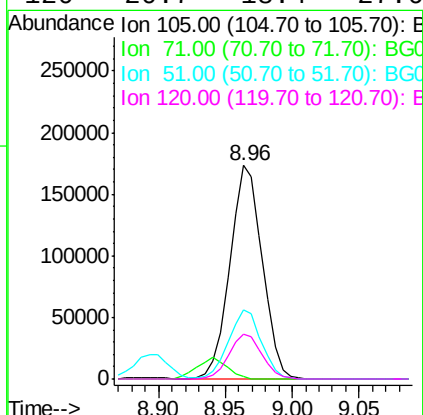
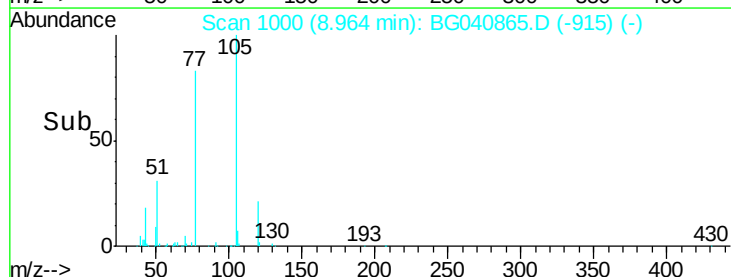
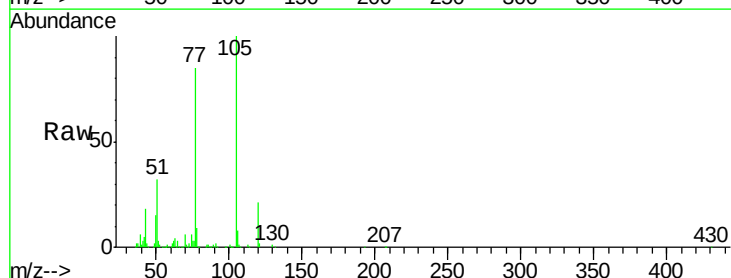
Instrument :
BNA_G
ClientSampleId :
72-11995MS

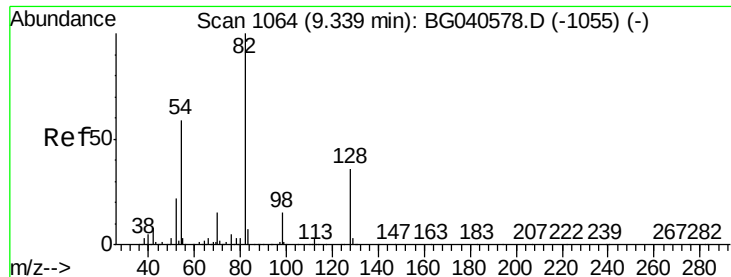
Tgt Ion:	136	Resp:	215458
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.7	14.5
54	9.2	8.6	12.8
68	5.2	4.8	7.2



#22
Acetophenone
Concen: 48.881 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Tgt Ion:	105	Resp:	292861
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.8	2.8#
51	32.5	29.8	44.8
120	20.7	18.4	27.6

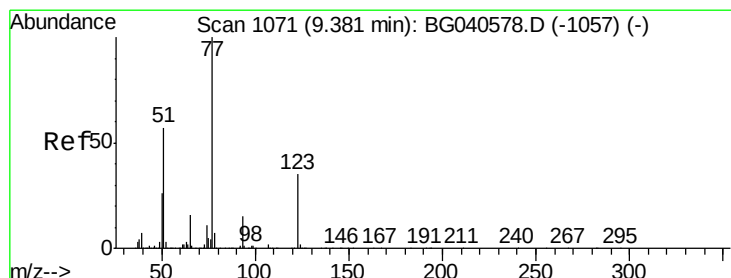
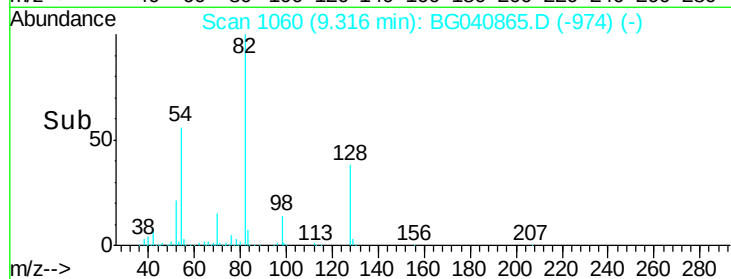
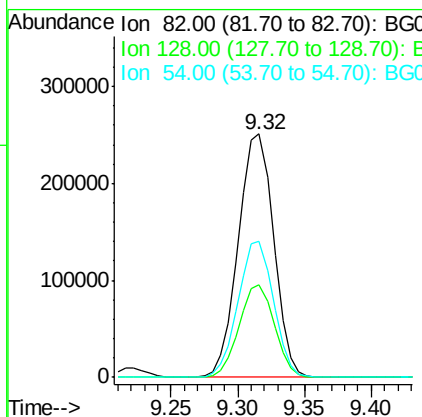
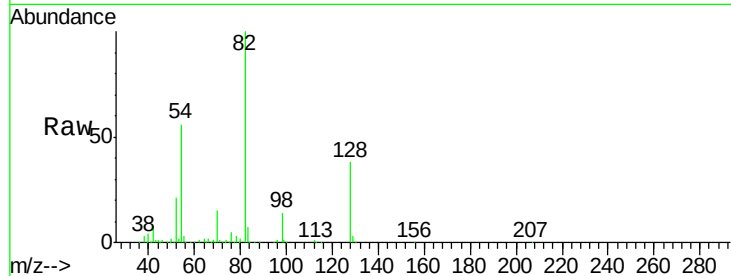




#23
 Nitrobenzene-d5
 Concen: 99.307 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

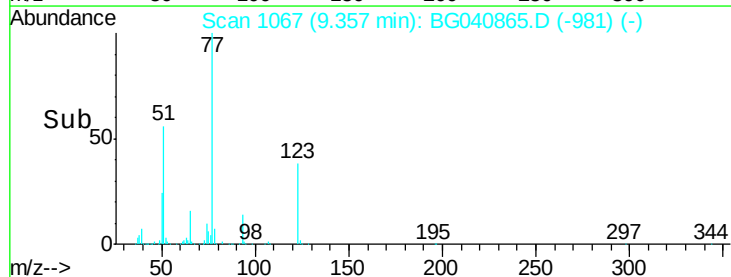
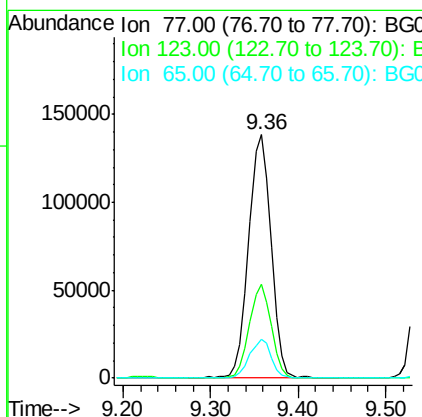
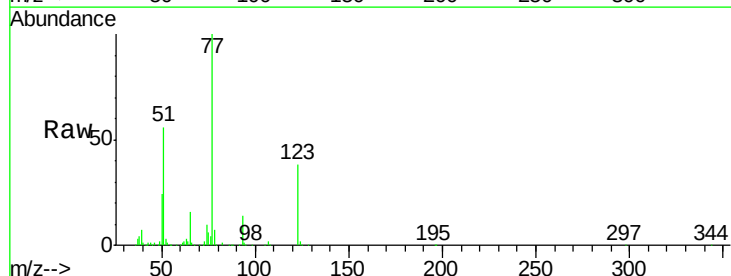
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

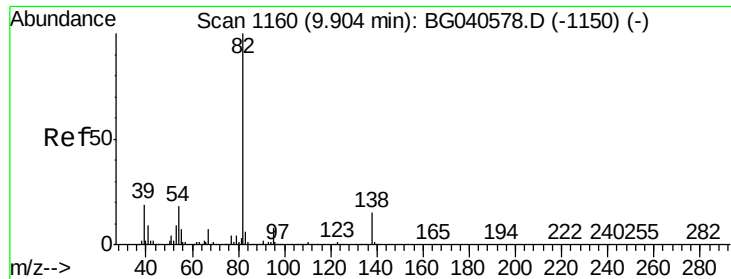
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	28.9	43.3
54	55.8	47.2	70.8



#24
 Nitrobenzene
 Concen: 48.107 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	27.8	41.6
65	15.8	12.4	18.6

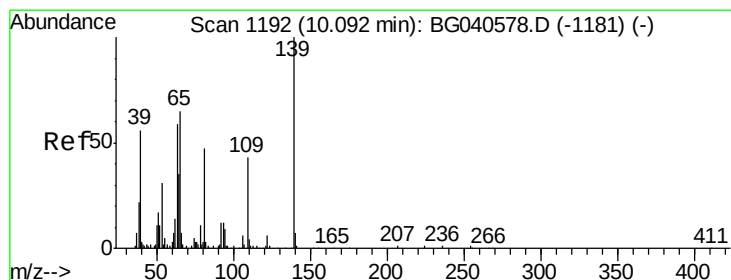
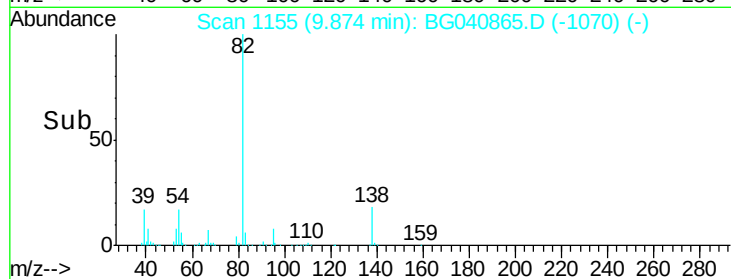
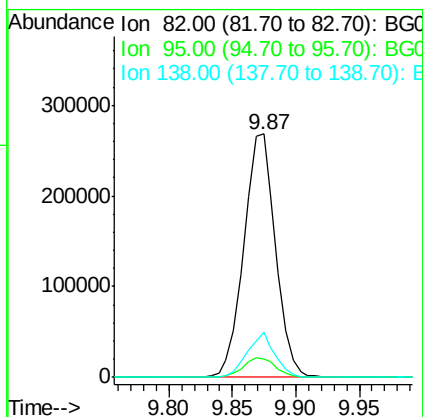
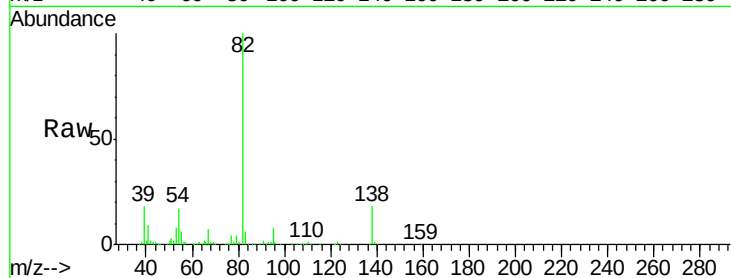




#25
Isophorone
Concen: 44.885 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

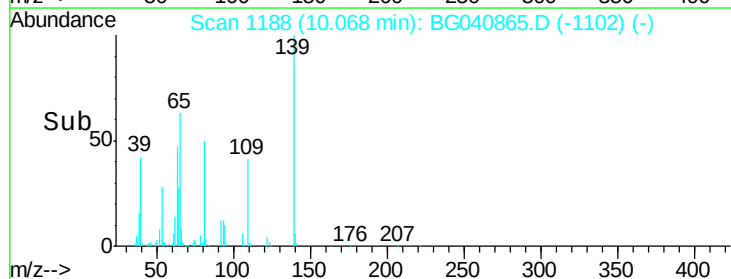
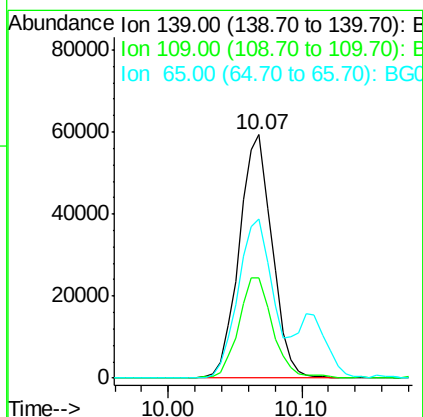
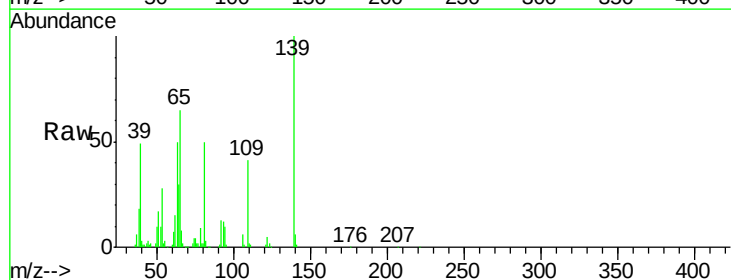
Instrument :
BNA_G
ClientSampleId :
72-11995MS

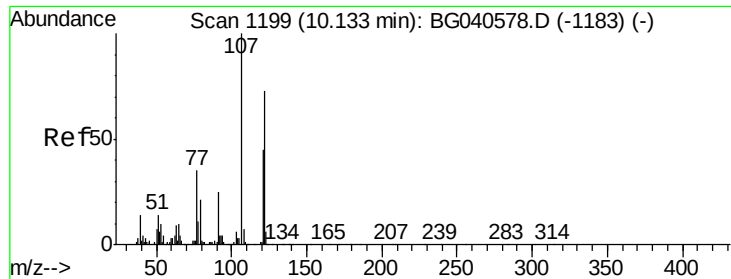
Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.9	10.3
138	18.3	12.3	18.5



#26
2-Nitrophenol
Concen: 56.646 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.4	35.6	53.4
65	65.2	52.3	78.5

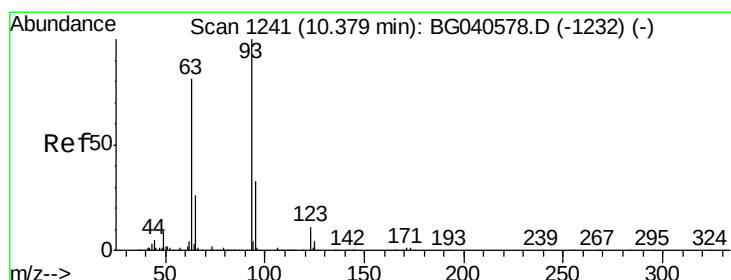
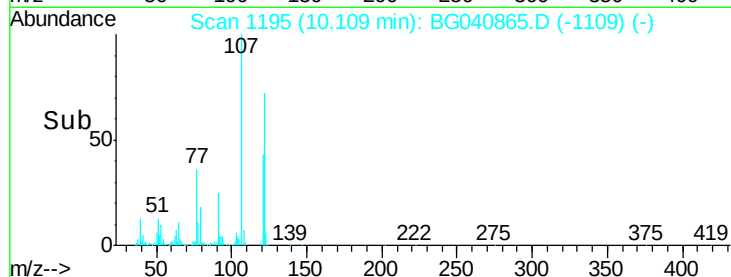
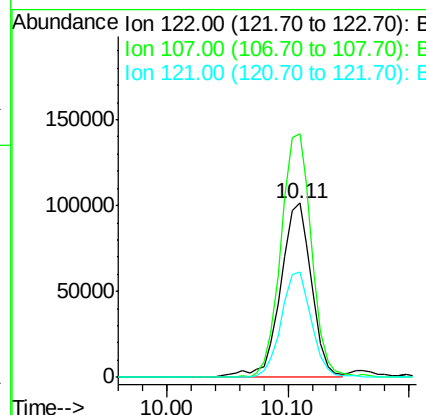
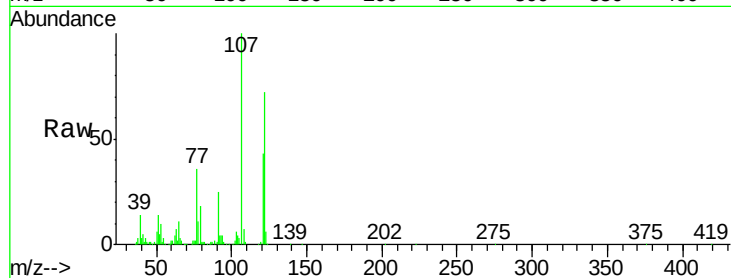




#27
 2,4-Dimethylphenol
 Concen: 53.539 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

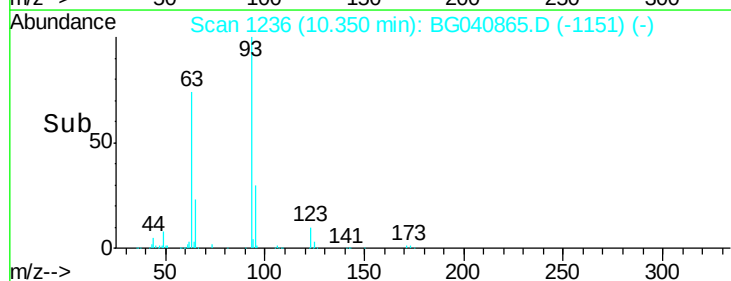
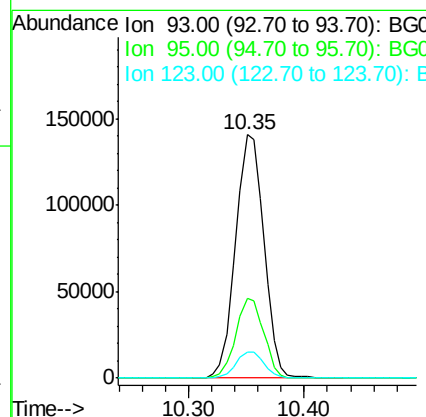
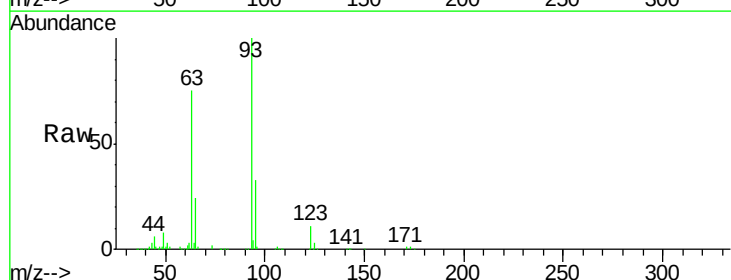
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

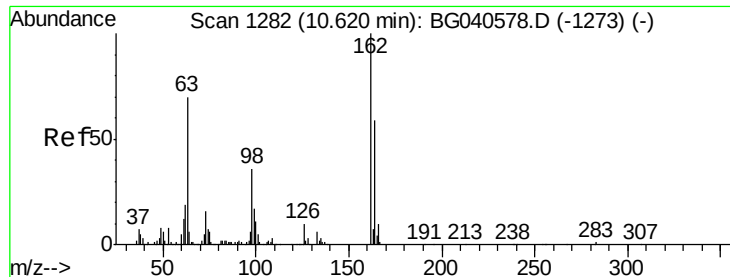
Tgt Ion	Ratio	Lower	Upper
122	100		
107	139.6	110.1	165.1
121	60.4	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.949 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.03 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	10.5	9.0	13.4

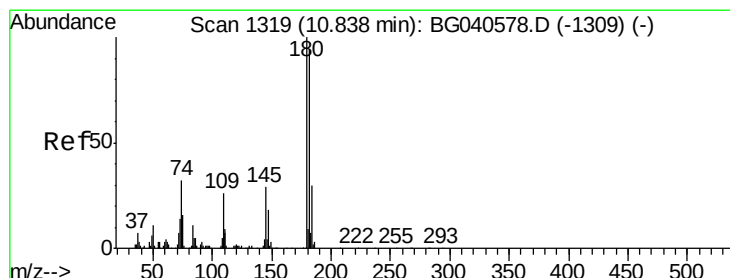
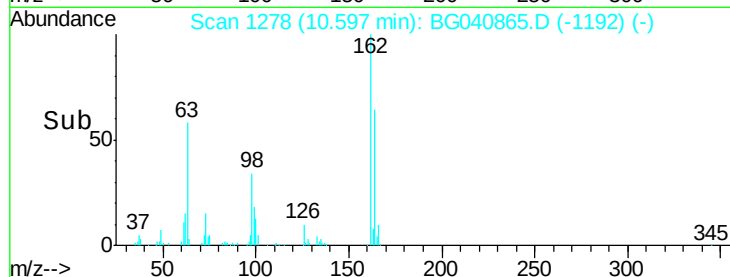
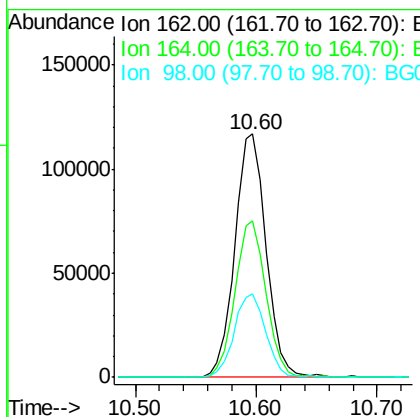
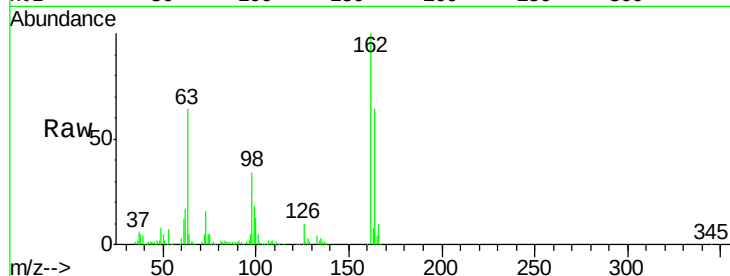




#29
2,4-Dichlorophenol
Concen: 55.338 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

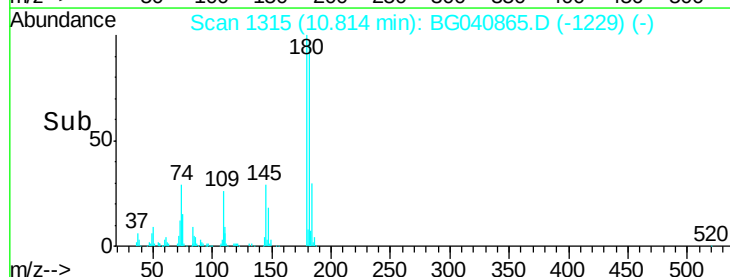
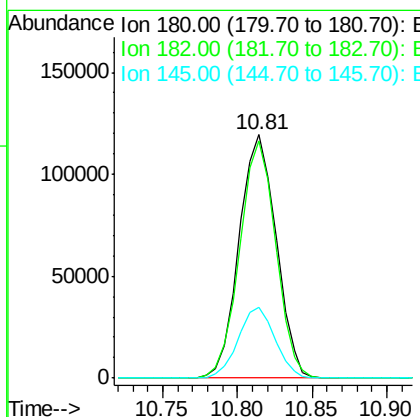
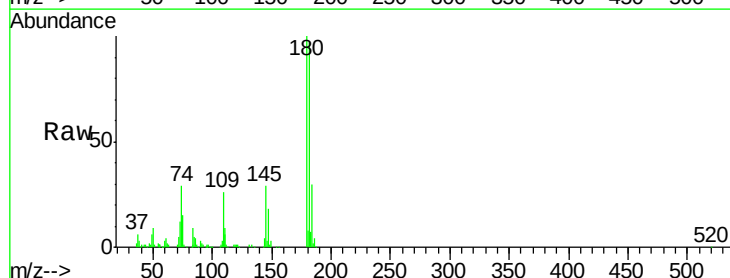
Instrument :
BNA_G
ClientSampleId :
72-11995MS

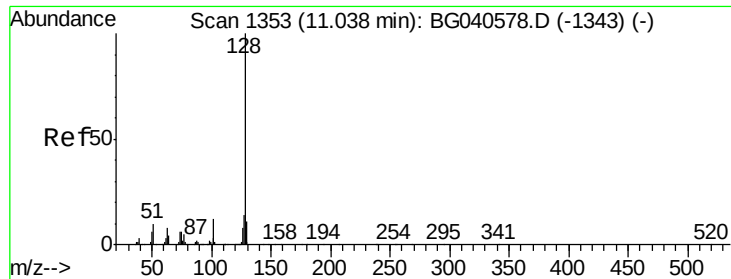
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	38.9	78.9
98	34.2	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 48.736 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.2	112.8
145	29.3	23.6	35.4

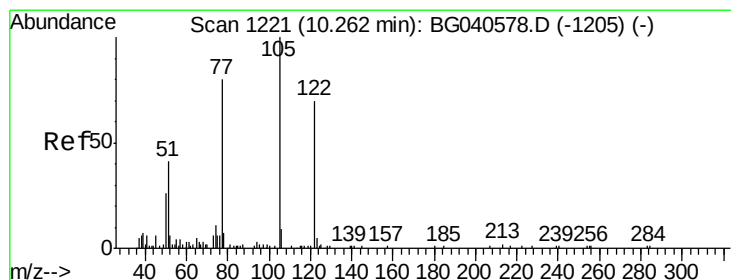
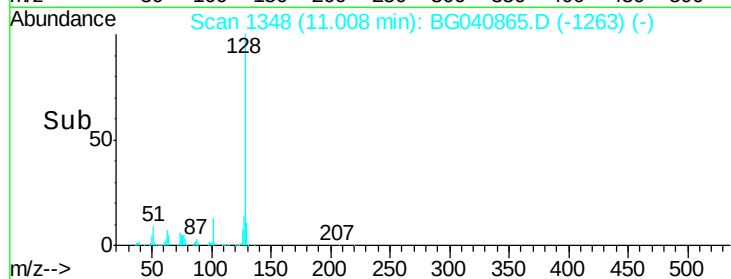
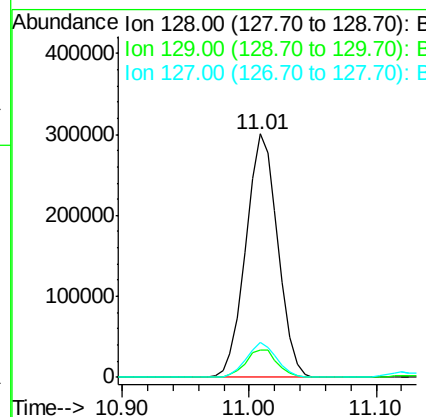
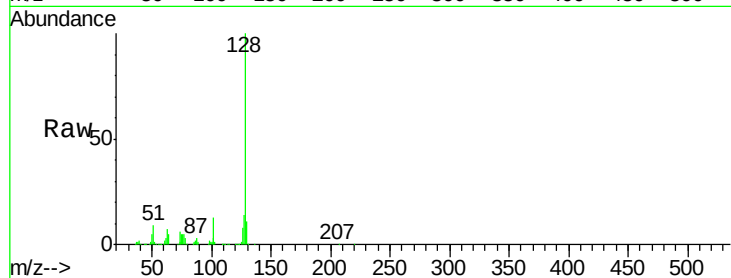




#31
Naphthalene
Concen: 45.723 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

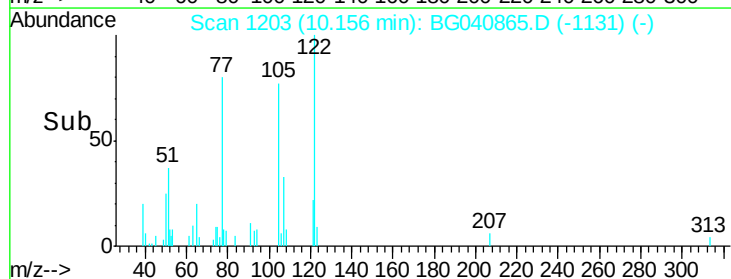
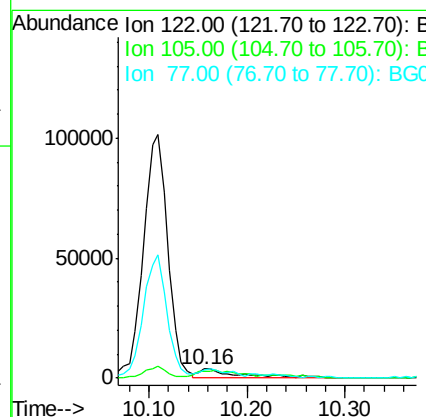
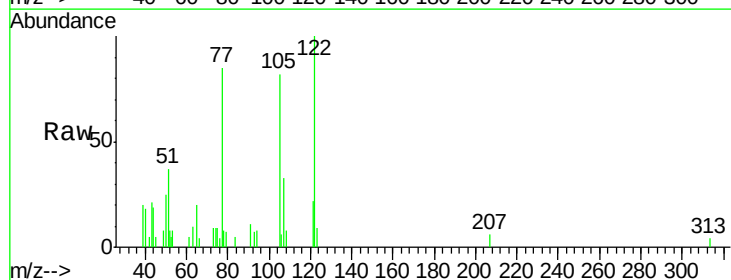
Instrument :
BNA_G
ClientSampleId :
72-11995MS

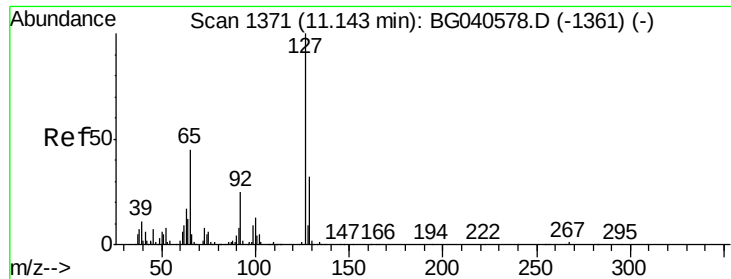
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 5.111 ng m
RT: 10.16 min Scan# 1203
Delta R.T. -0.11 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	81.6	110.9	150.9#
77	84.6	87.6	127.6#

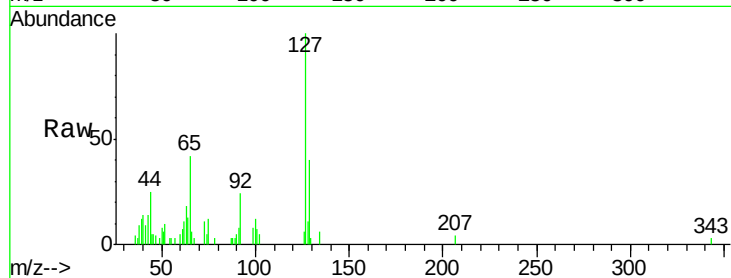




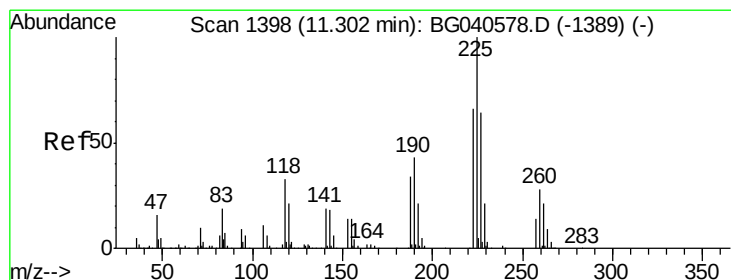
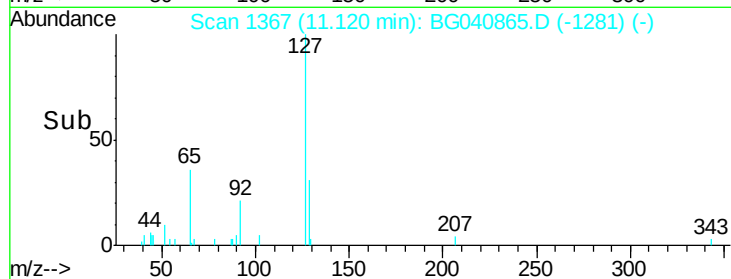
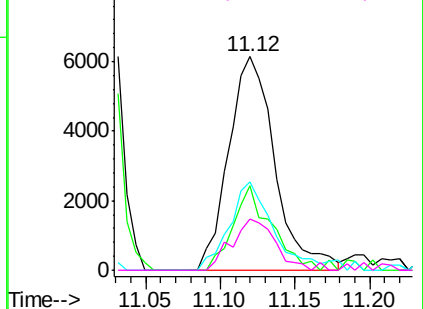
#33
4-Chloroaniline
Concen: 2.616 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Instrument :
BNA_G
ClientSampleId :
72-11995MS

Tgt Ion:	127	Resp:	13276
Ion	Ratio	Lower	Upper
127	100		
129	42.3	25.7	38.5#
65	41.5	36.1	54.1
92	23.9	20.1	30.1

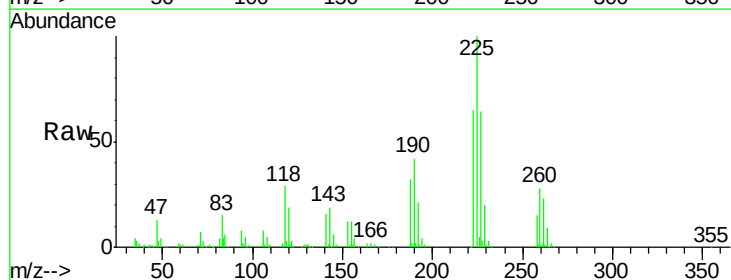


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

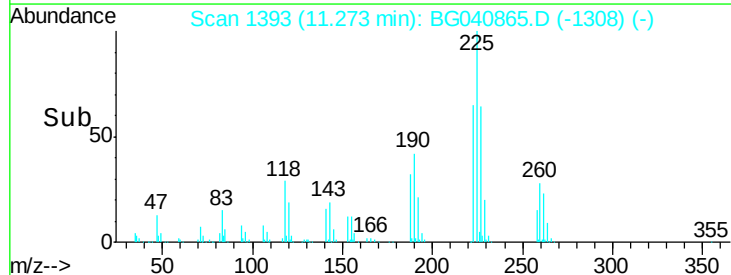
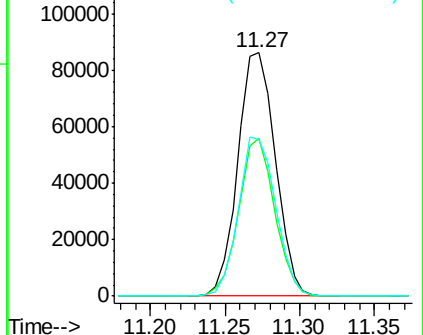


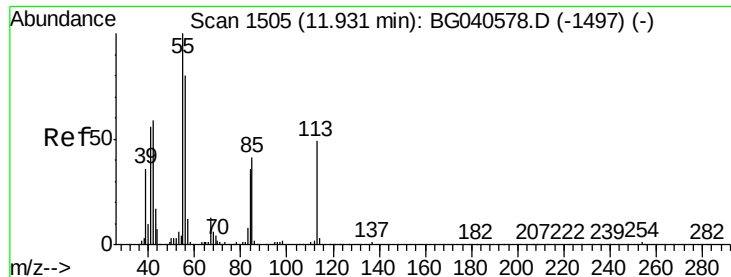
#34
Hexachlorobutadiene
Concen: 48.251 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Tgt Ion:	225	Resp:	150272
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.4	75.6
227	64.4	51.0	76.6



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: 37.541 ng m

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

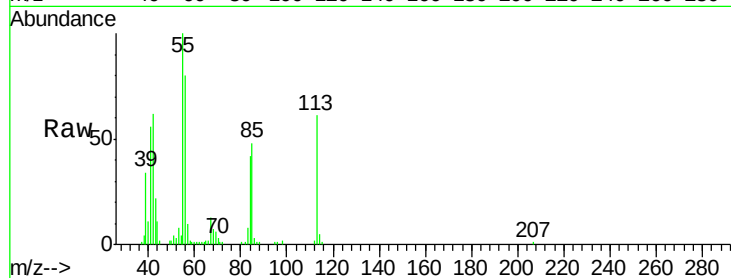
Tgt Ion:113 Resp: 56382

Ion Ratio Lower Upper

113 100

55 163.3 198.6 238.6#

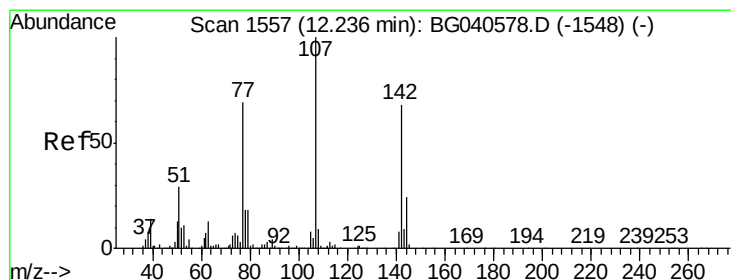
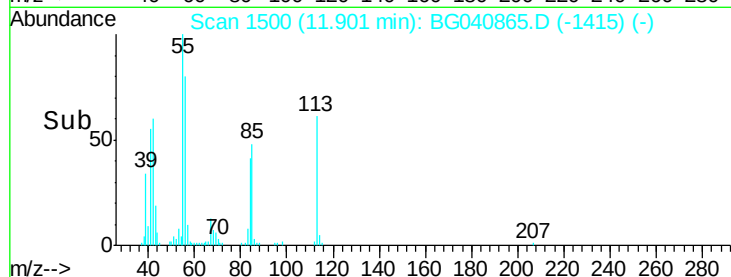
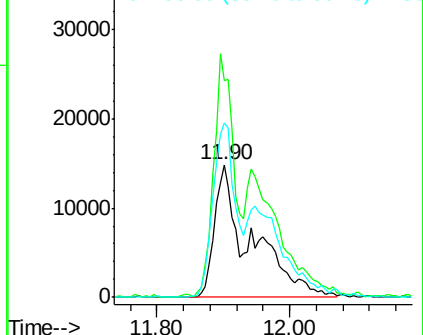
56 131.4 148.4 188.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.126 ng

RT: 12.22 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

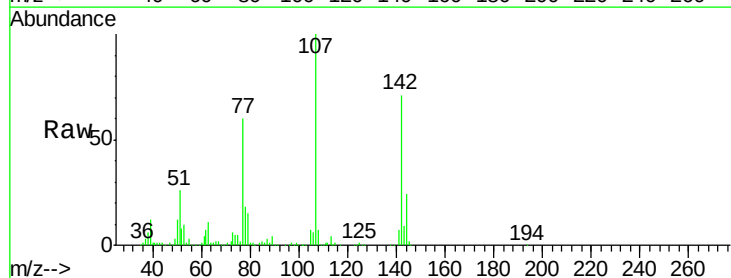
Tgt Ion:107 Resp: 240550

Ion Ratio Lower Upper

107 100

144 23.9 19.3 28.9

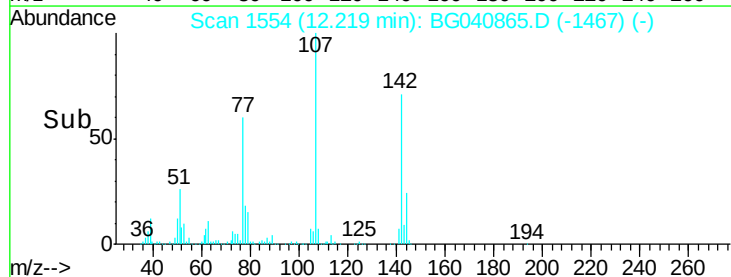
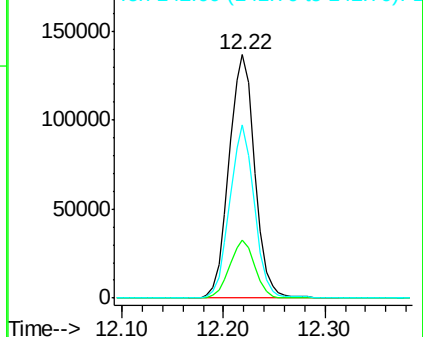
142 71.3 54.6 81.8

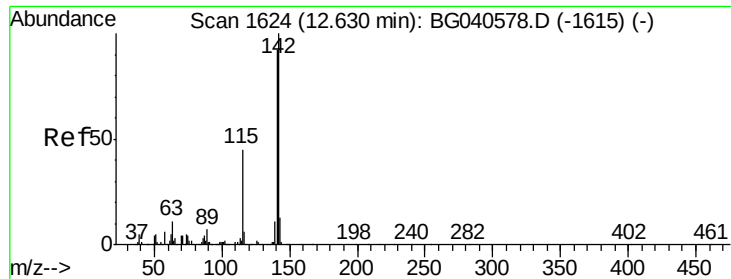


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

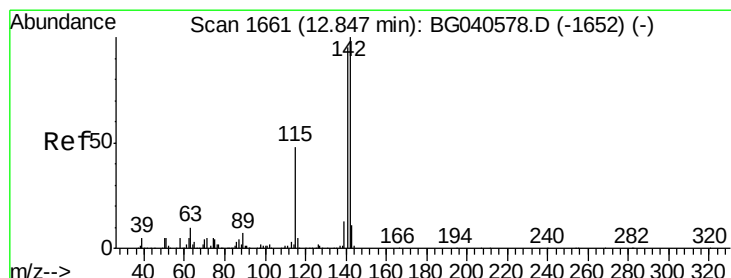
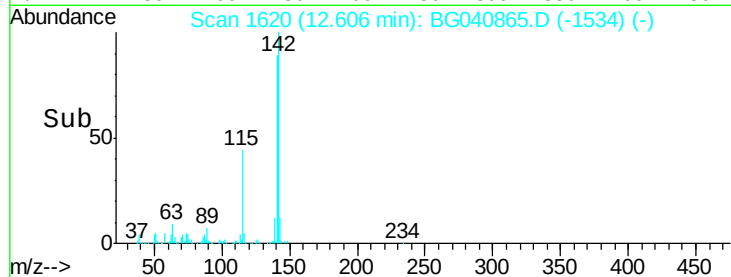
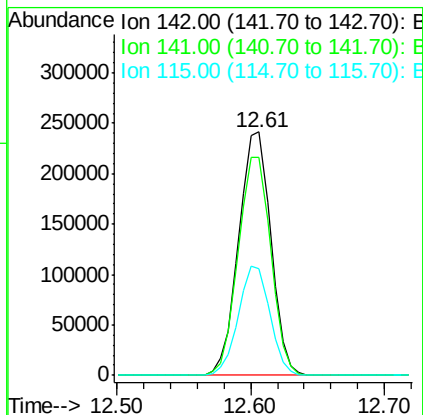
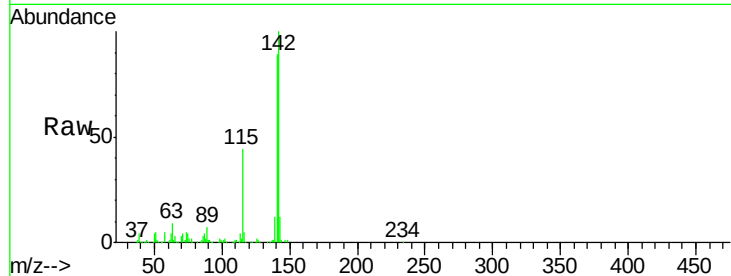




#37
 2-Methylnaphthalene
 Concen: 47.101 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

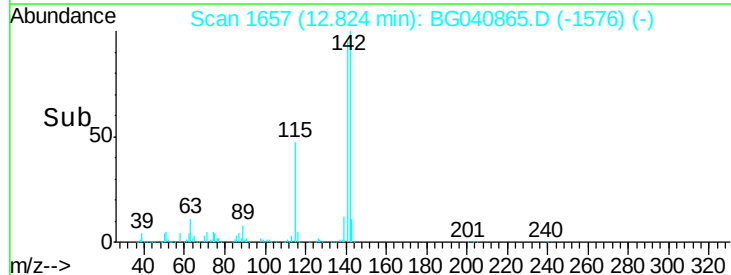
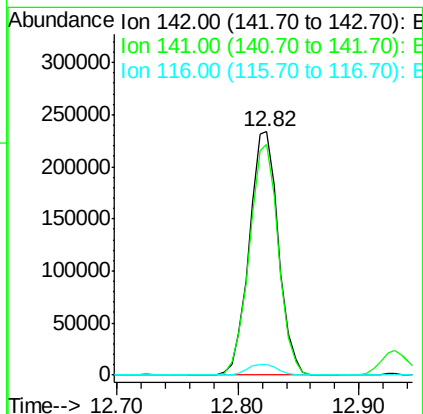
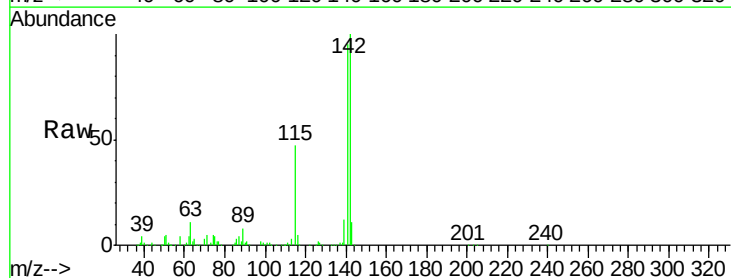
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

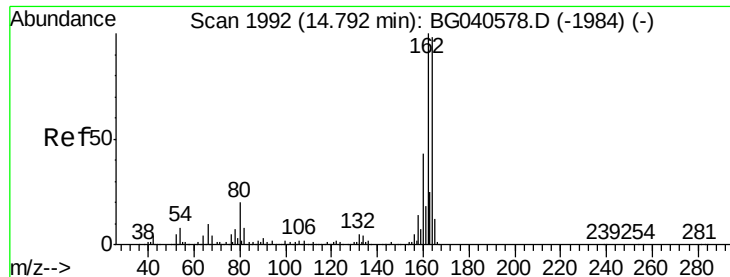
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.4	110.2
115	44.0	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 46.917 ng
 RT: 12.82 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.9	113.9
116	4.5	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

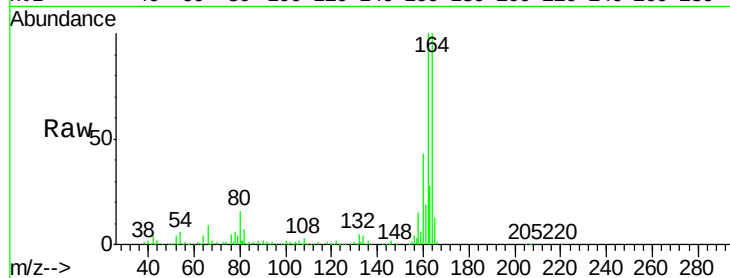
Tgt Ion:164 Resp: 160420

Ion Ratio Lower Upper

164 100

162 99.8 81.9 122.9

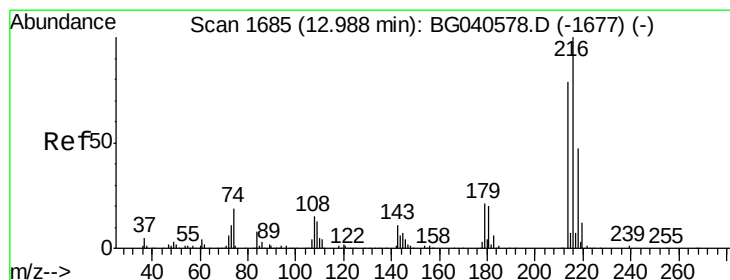
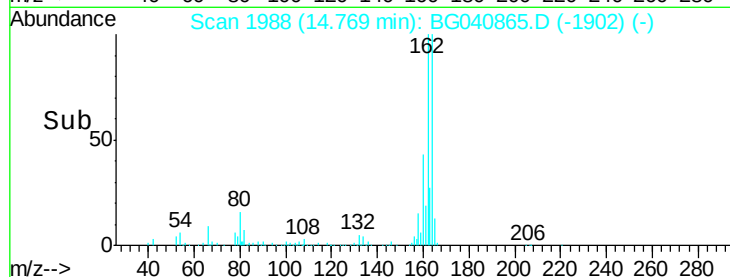
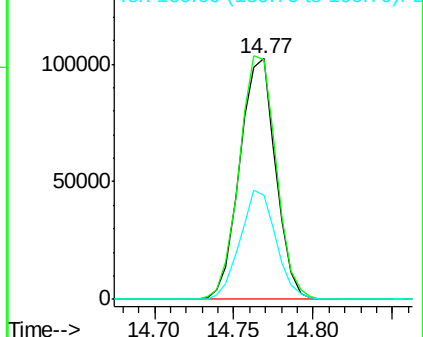
160 43.4 35.4 53.2



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: 48.313 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Tgt Ion:216 Resp: 288721

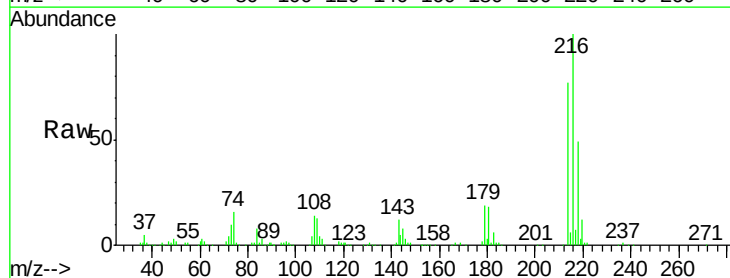
Ion Ratio Lower Upper

216 100

214 80.4 63.7 95.5

179 19.3 16.6 24.8

108 17.9 14.7 22.1

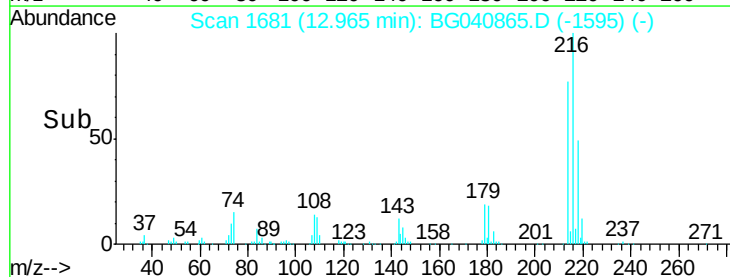
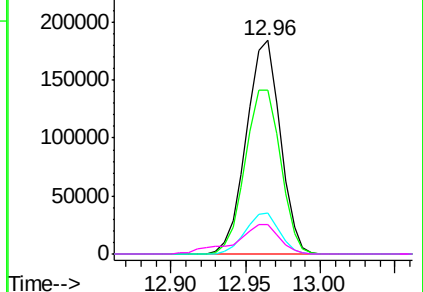


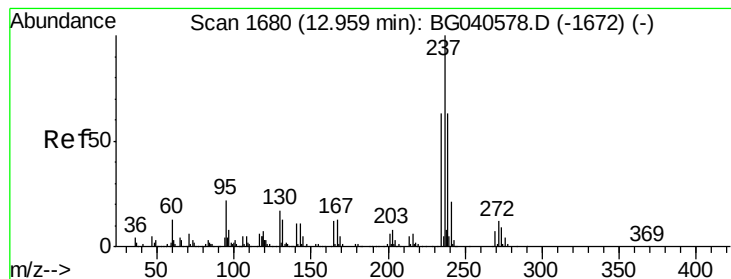
Abundance Ion 216.00 (215.70 to 216.70): E

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: 105.447 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

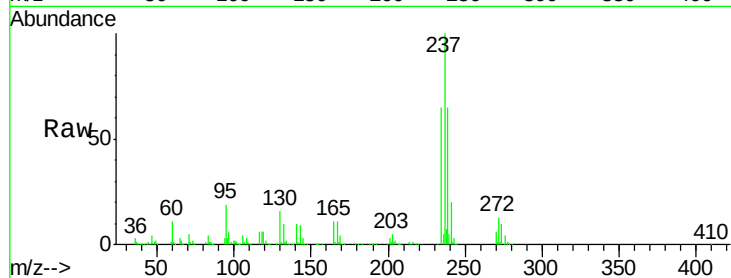
Tgt Ion: 237 Resp: 371843

Ion Ratio Lower Upper

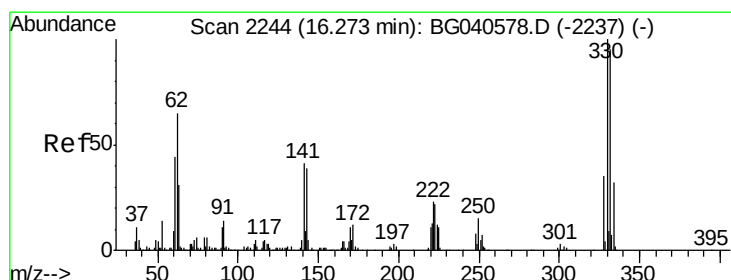
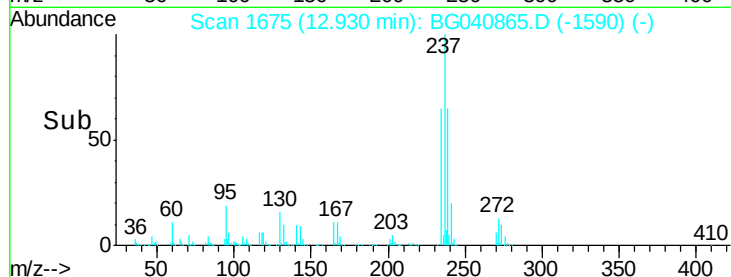
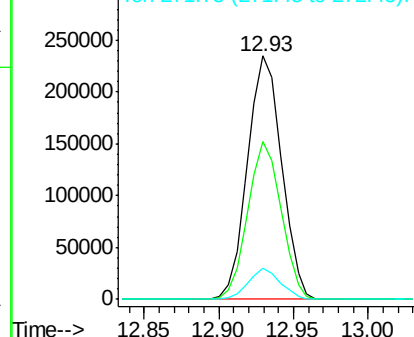
237 100

235 64.8 42.5 82.5

272 13.0 0.0 31.6



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: 171.302 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

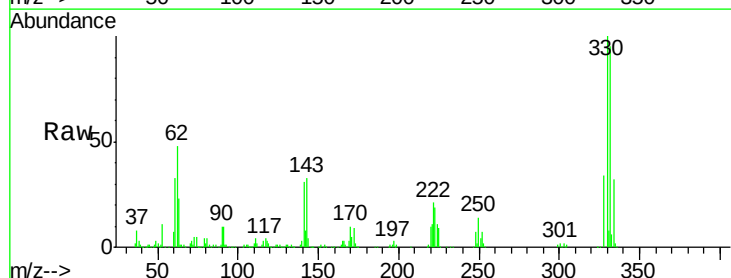
Tgt Ion: 330 Resp: 377723

Ion Ratio Lower Upper

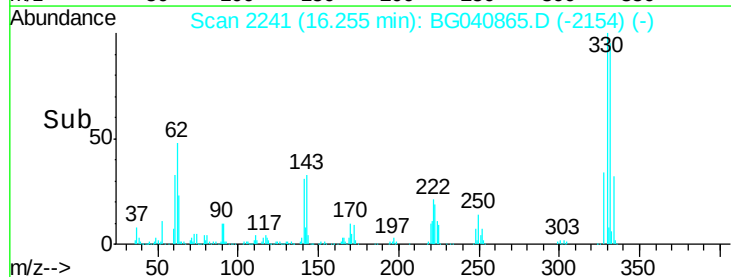
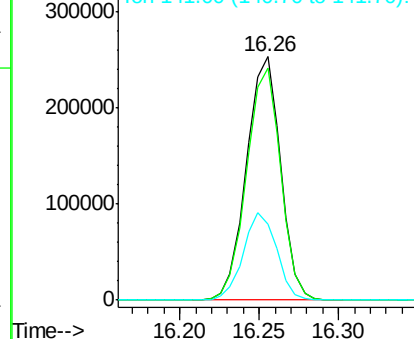
330 100

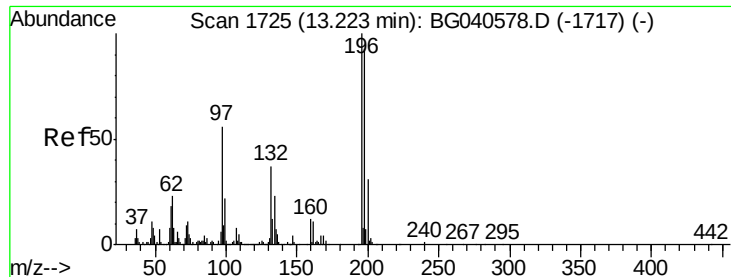
332 95.3 75.9 113.9

141 35.6 32.4 48.6



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

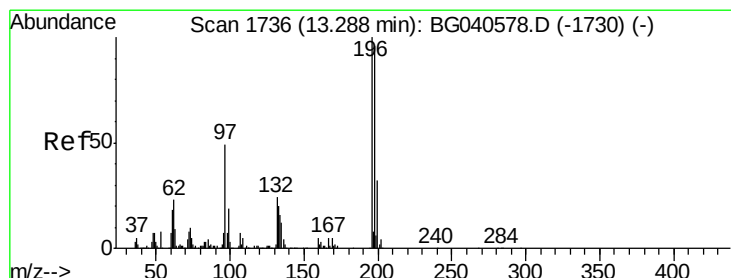
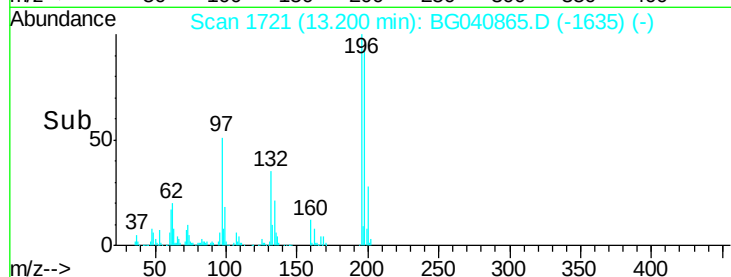
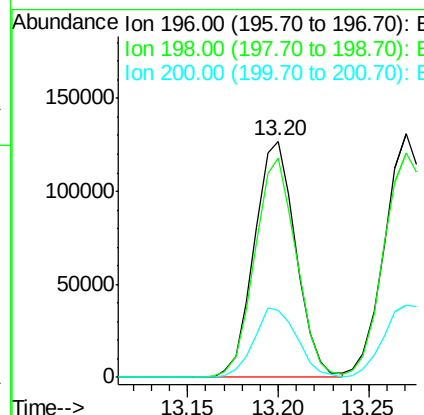
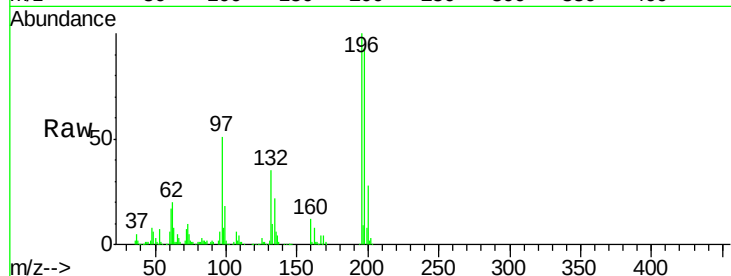




#43
 2,4,6-Trichlorophenol
 Concen: 55.849 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

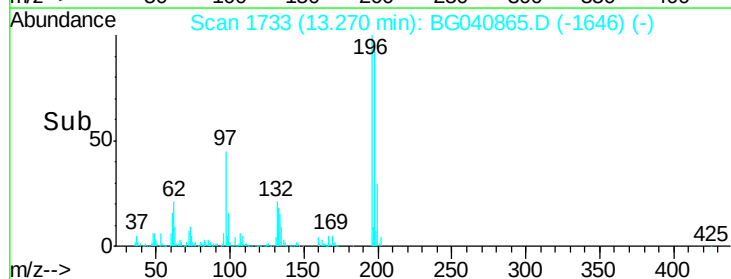
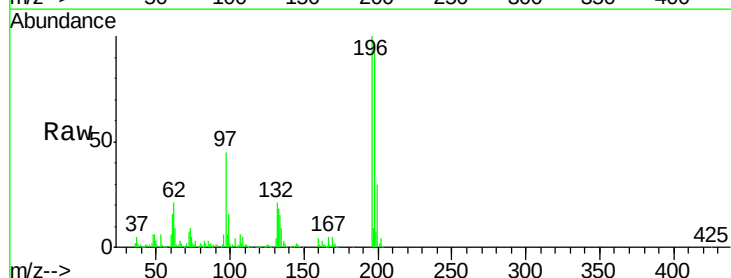
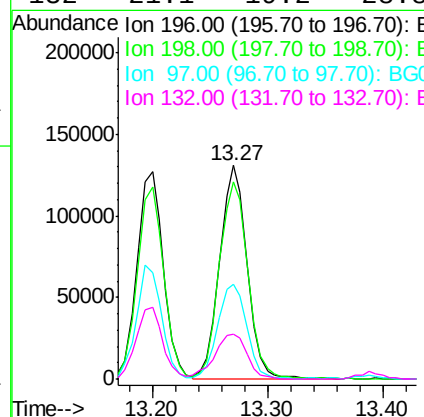
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

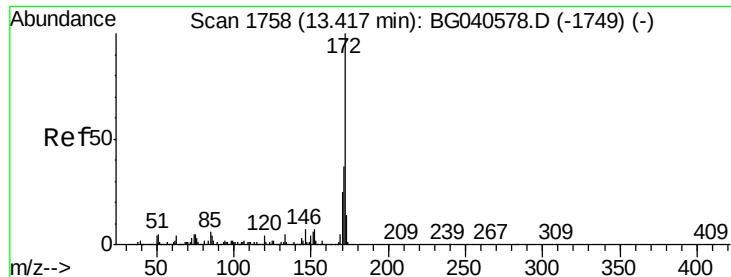
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	74.8	112.2
200	28.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 54.305 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	77.0	115.6
97	44.5	40.0	60.0
132	21.1	19.2	28.8

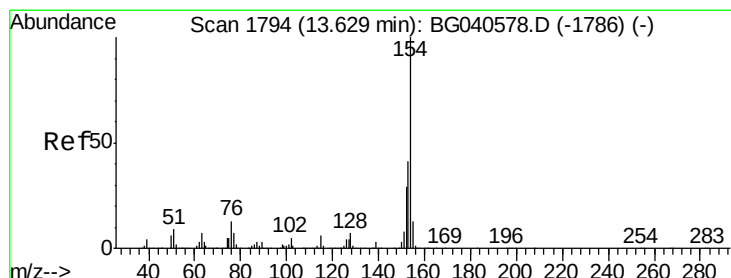
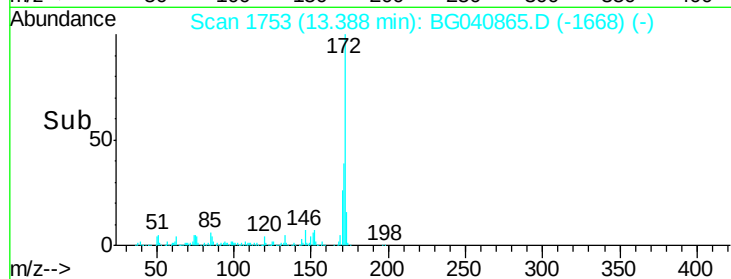
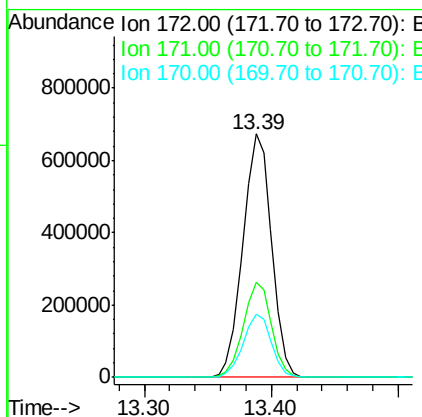
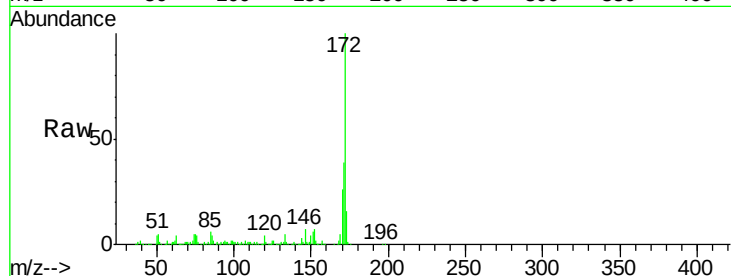




#45
 2-Fluorobiphenyl
 Concen: 95.022 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

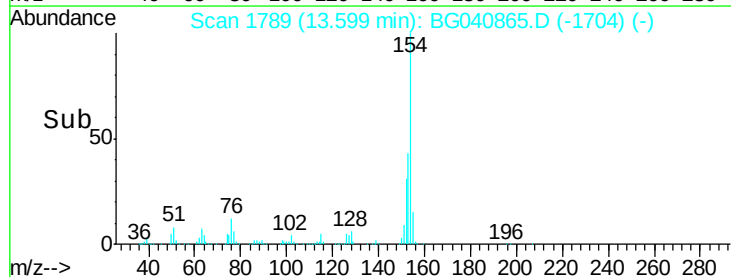
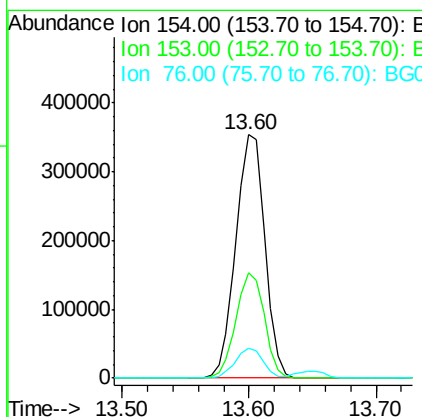
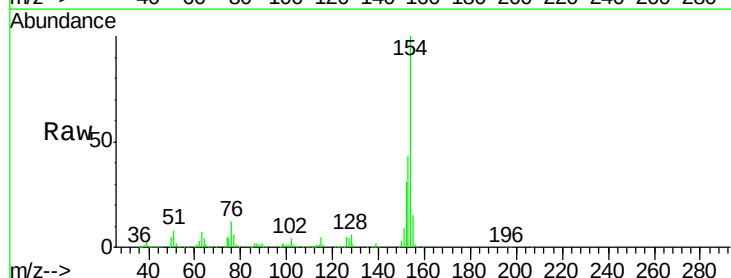
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

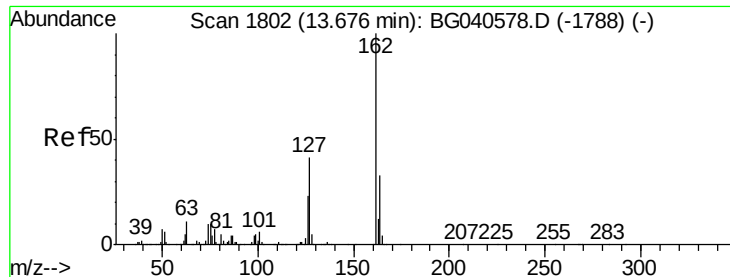
Tgt Ion:172 Resp: 1055497
 Ion Ratio Lower Upper
 172 100
 171 39.3 29.4 44.2
 170 25.8 19.9 29.9



#46
 1,1'-Biphenyl
 Concen: 44.889 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion:154 Resp: 559096
 Ion Ratio Lower Upper
 154 100
 153 43.4 20.5 60.5
 76 12.3 0.0 32.5

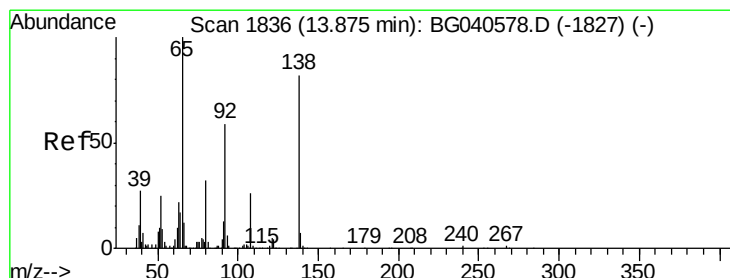
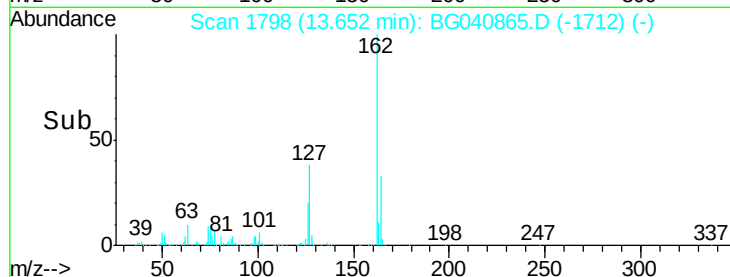
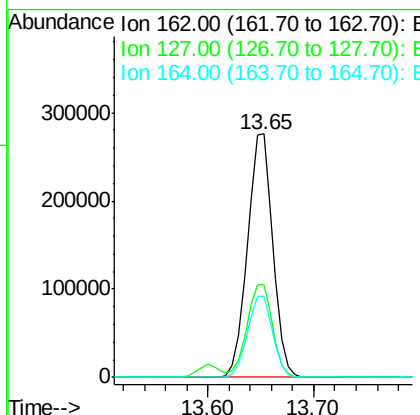
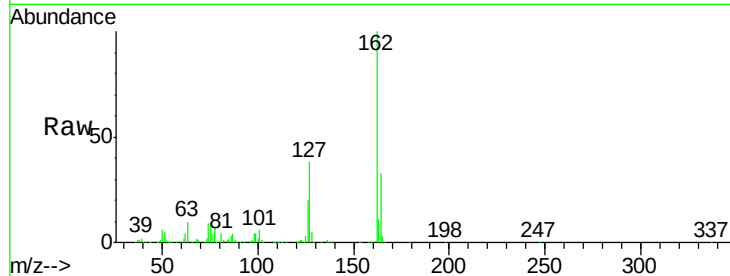




#47
 2-Chloronaphthalene
 Concen: 47.224 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

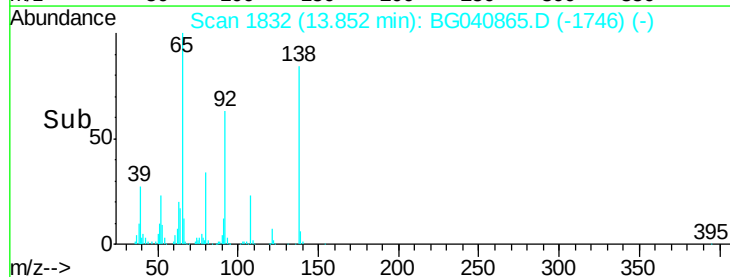
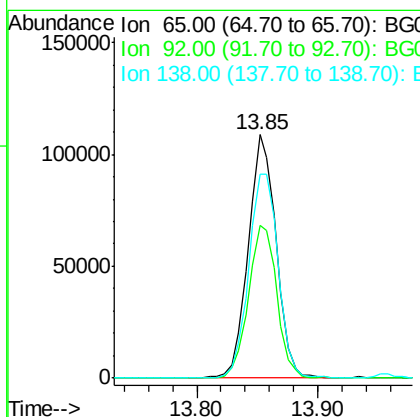
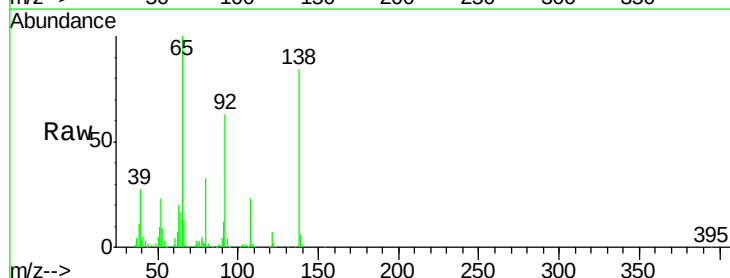
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

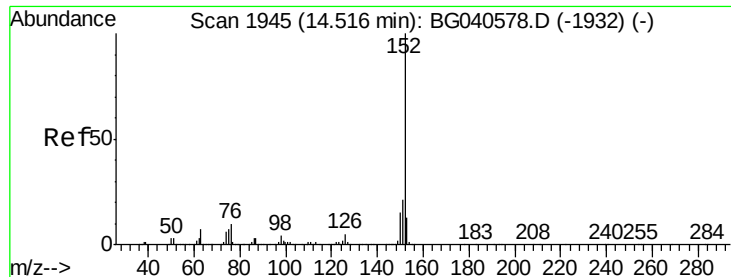
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	33.0	49.4
164	33.3	26.8	40.2



#48
 2-Nitroaniline
 Concen: 50.434 ng
 RT: 13.85 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	47.4	71.0
138	83.6	66.1	99.1





#49

Acenaphthylene

Concen: 44.604 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

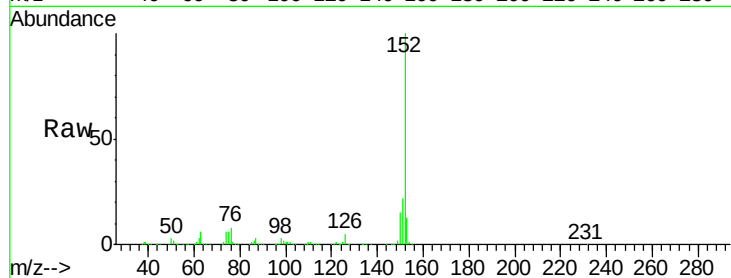
Tgt Ion:152 Resp: 737632

Ion Ratio Lower Upper

152 100

151 21.9 17.2 25.8

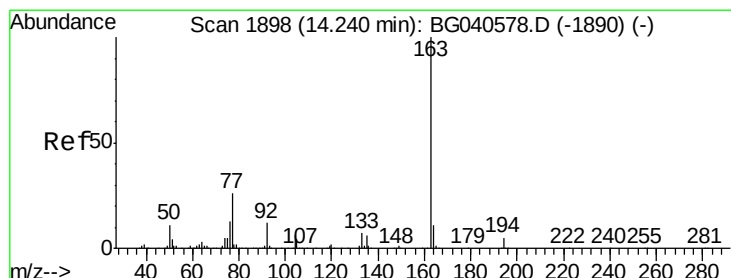
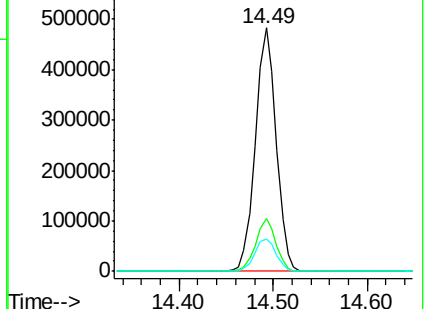
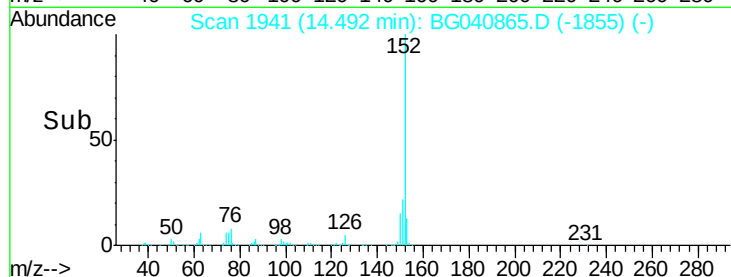
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.615 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

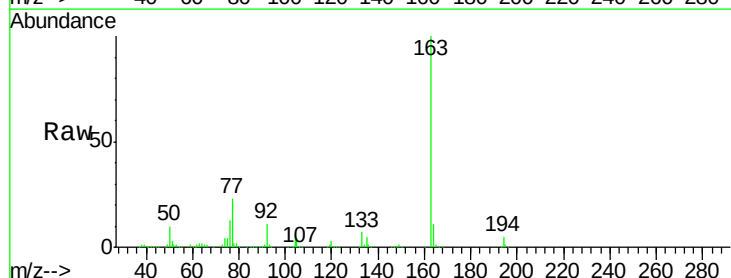
Tgt Ion:163 Resp: 652511

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

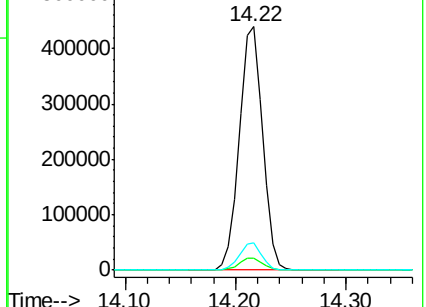
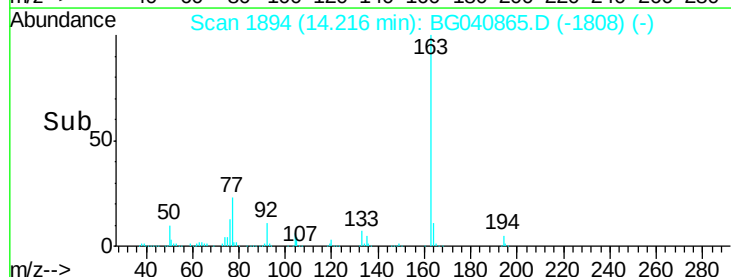
164 11.0 8.8 13.2

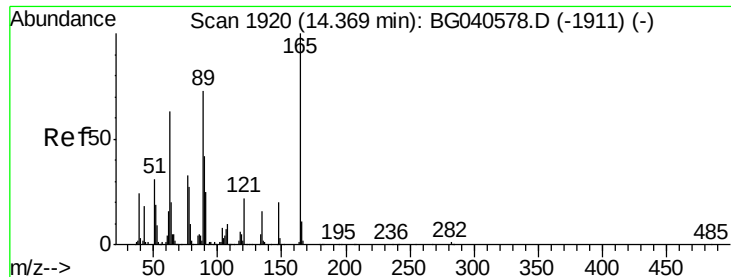


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

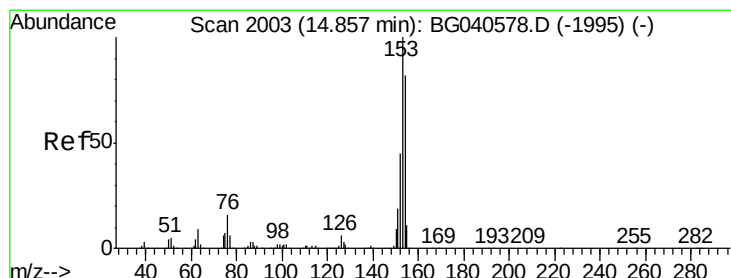
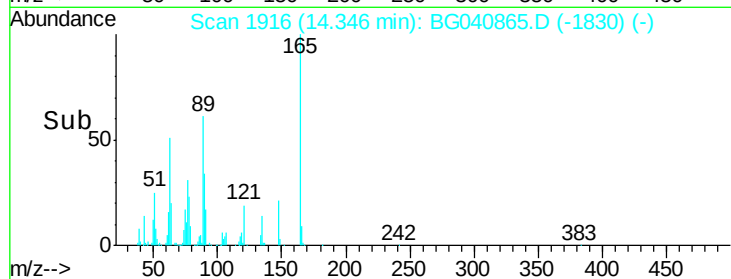
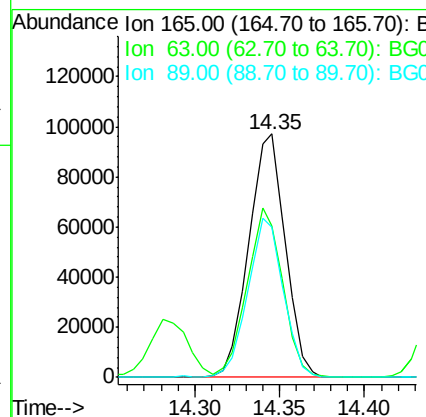
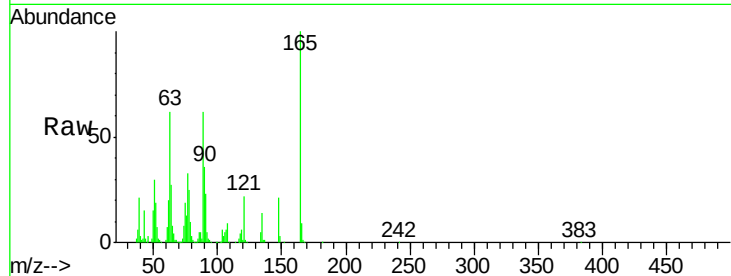




#51
 2,6-Dinitrotoluene
 Concen: 55.537 ng
 RT: 14.35 min Scan# 1916
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

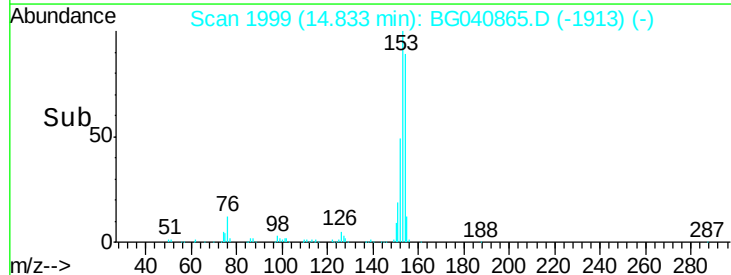
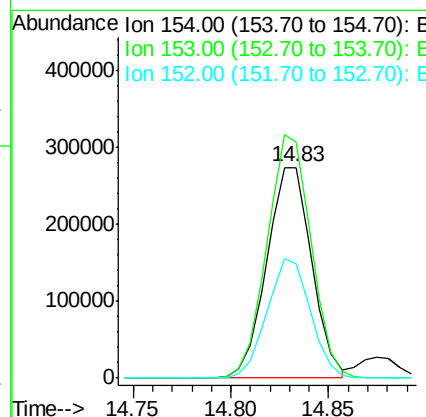
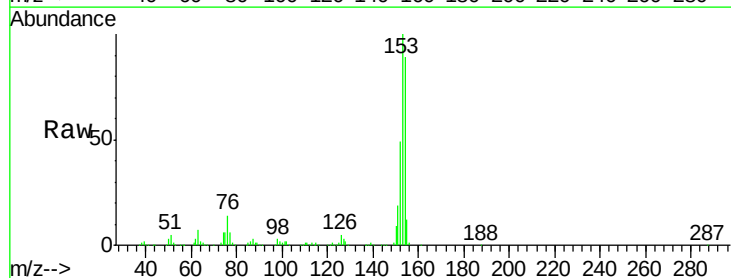
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

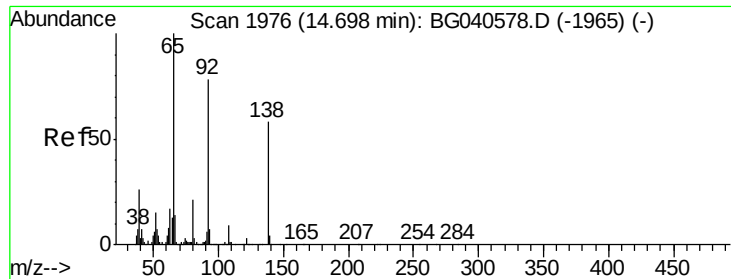
Tgt Ion:165 Resp: 145483
 Ion Ratio Lower Upper
 165 100
 63 62.2 61.0 91.4
 89 61.8 58.6 87.8



#52
 Acenaphthene
 Concen: 45.398 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion:154 Resp: 437221
 Ion Ratio Lower Upper
 154 100
 153 112.1 97.0 145.6
 152 54.4 44.1 66.1

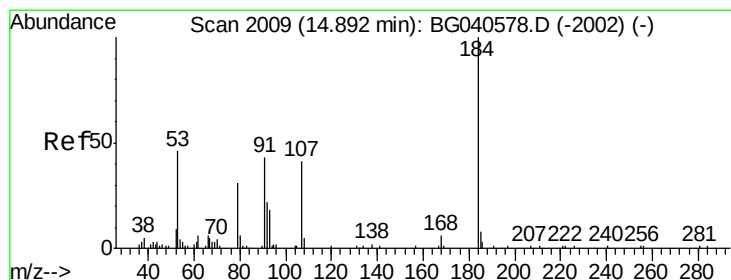
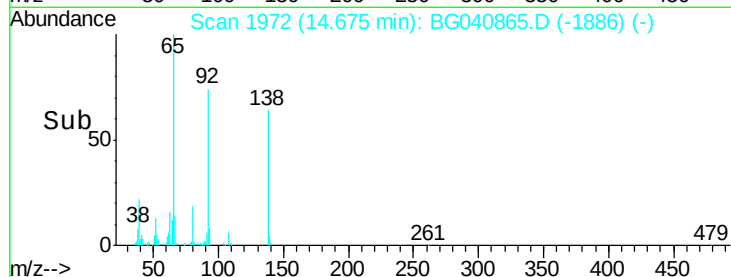
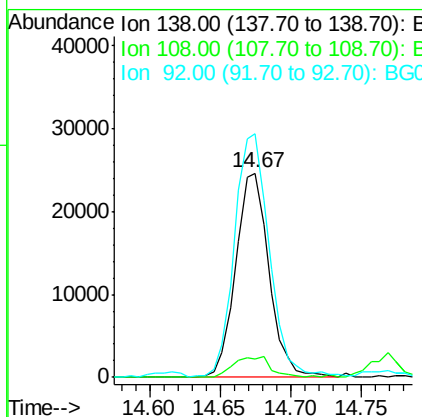
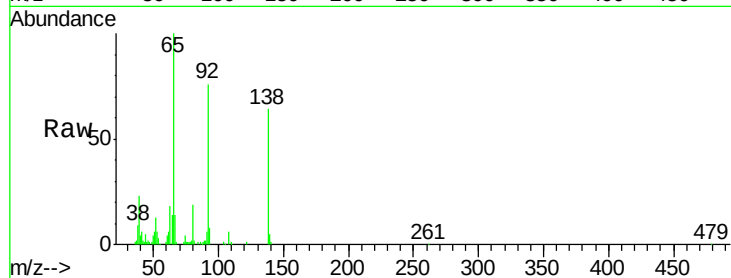




#53
 3-Nitroaniline
 Concen: 15.198 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

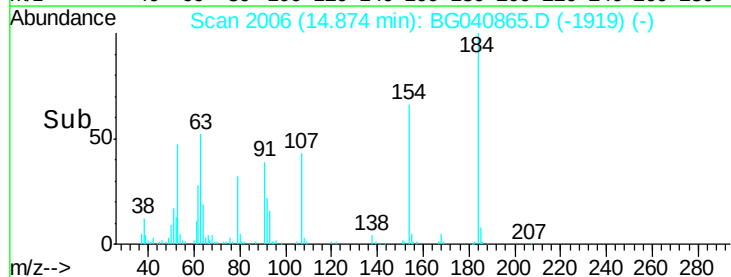
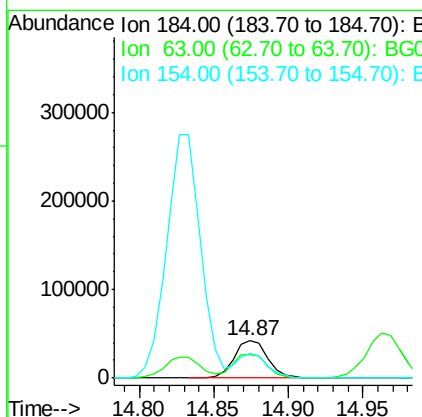
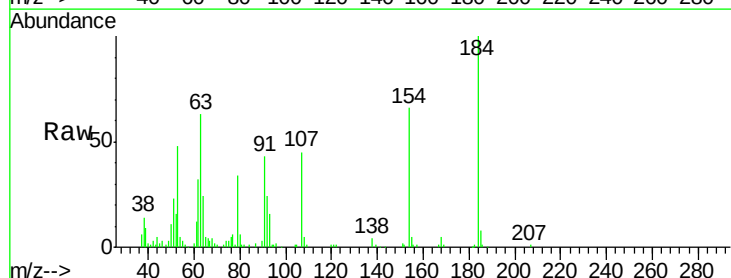
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

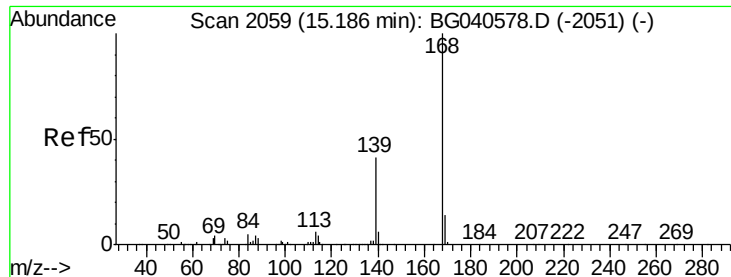
Tgt Ion:138 Resp: 40793
 Ion Ratio Lower Upper
 138 100
 108 9.0 12.4 18.6#
 92 119.4 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 47.901 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion:184 Resp: 66211
 Ion Ratio Lower Upper
 184 100
 63 63.3 51.8 77.6
 154 65.9 43.6 65.4#





#55

Dibenzofuran

Concen: 47.094 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

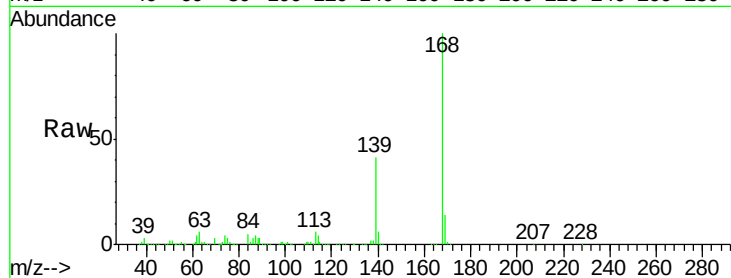
Tgt Ion:168 Resp: 742882

Ion Ratio Lower Upper

168 100

139 41.1 33.0 49.4

169 14.2 11.0 16.4



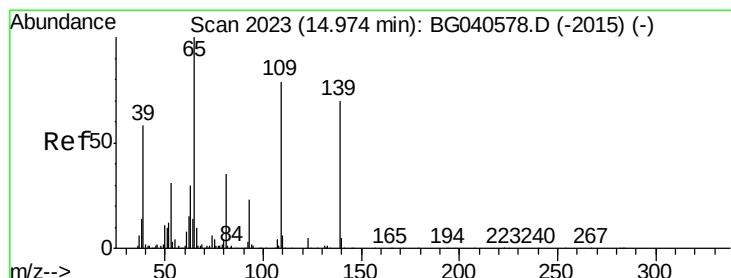
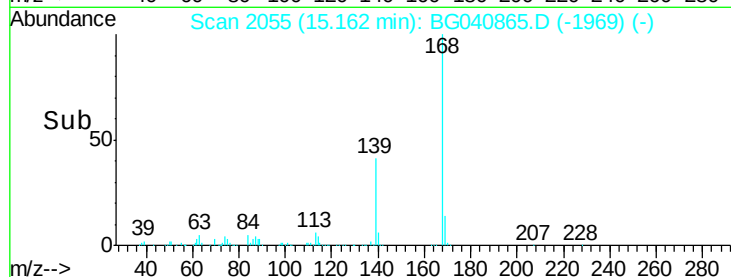
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.16

Time-->



#56

4-Nitrophenol

Concen: 91.201 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

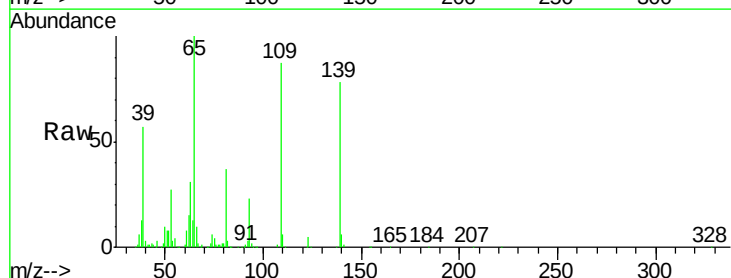
Tgt Ion:139 Resp: 212258

Ion Ratio Lower Upper

139 100

109 110.5 93.8 133.8

65 127.7 122.7 162.7



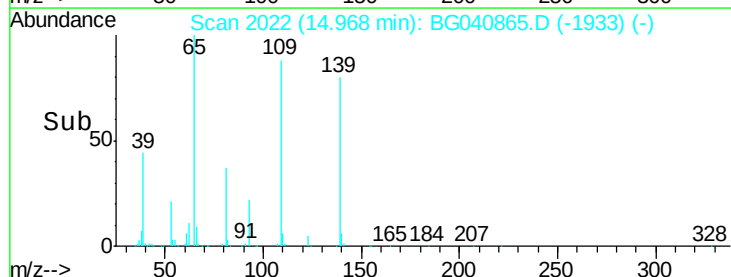
Abundance Ion 139.00 (138.70 to 139.70): E

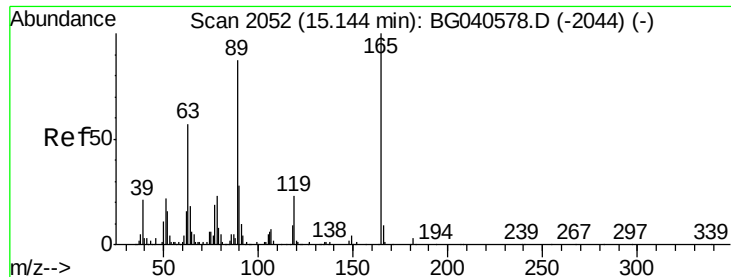
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

14.97

Time-->

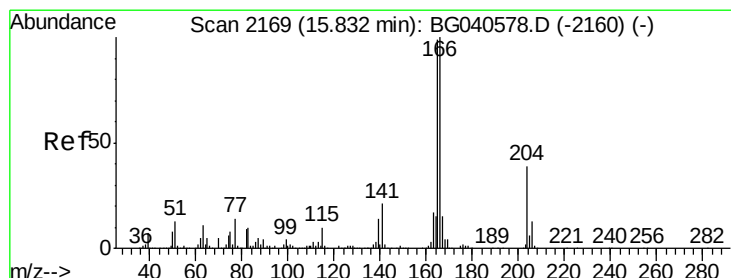
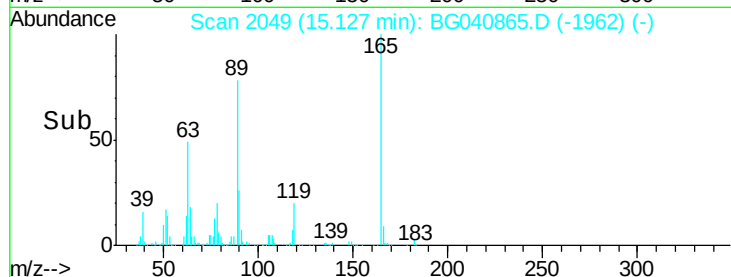
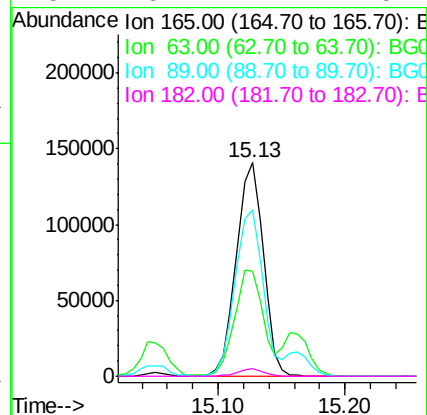
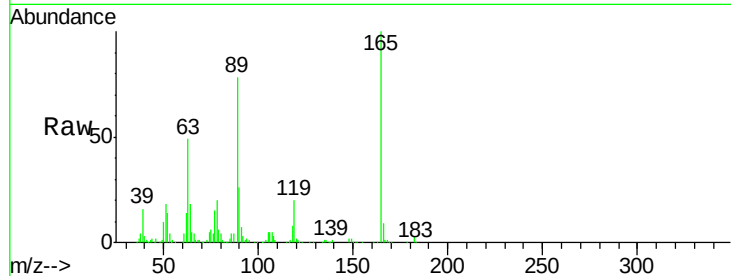




#57
 2,4-Dinitrotoluene
 Concen: 58.483 ng
 RT: 15.13 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

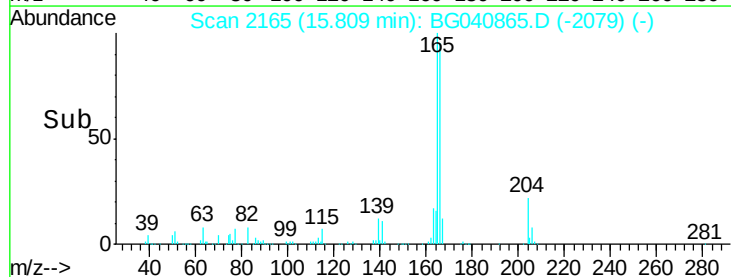
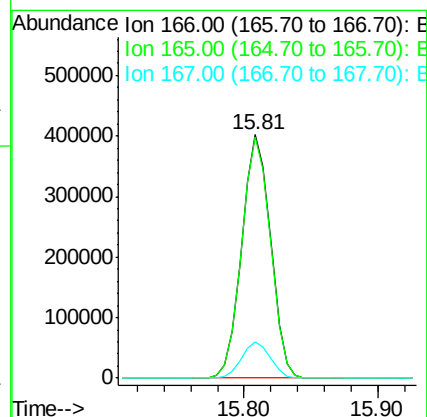
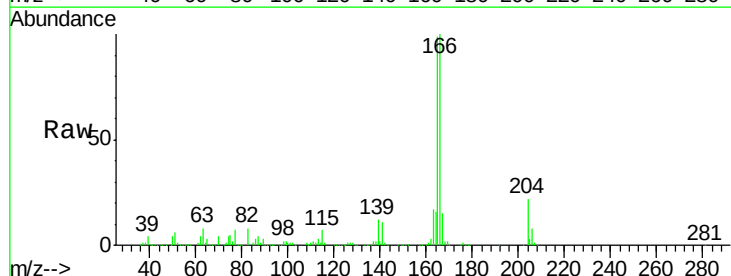
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

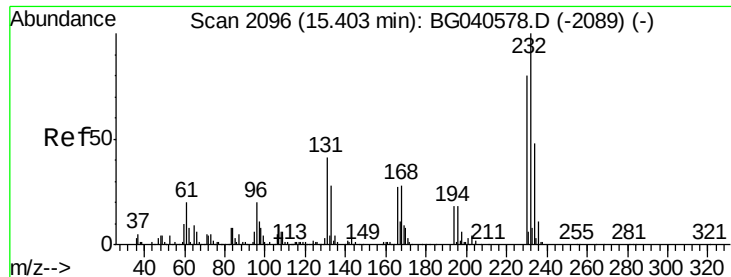
Tgt Ion:165 Resp: 208174
 Ion Ratio Lower Upper
 165 100
 63 49.4 45.8 68.8
 89 77.9 69.4 104.2
 182 3.4 2.2 3.4#



#58
 Fluorene
 Concen: 46.850 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion:166 Resp: 597339
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.6 119.4
 167 14.8 12.2 18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 57.072 ng

RT: 15.38 min Scan# 2092

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

Tgt Ion:232 Resp: 225986

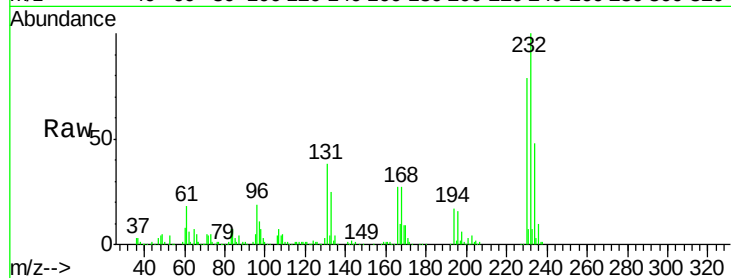
Ion Ratio Lower Upper

232 100

131 37.9 33.0 49.4

130 2.5 2.0 3.0

166 26.4 22.1 33.1

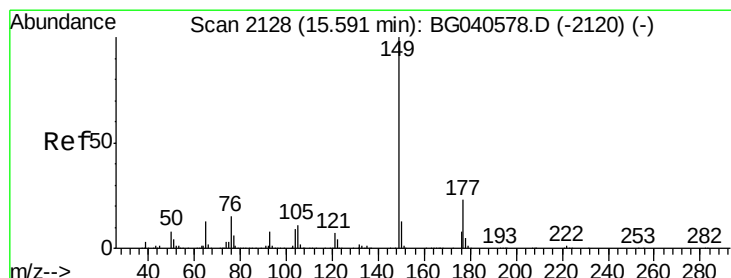
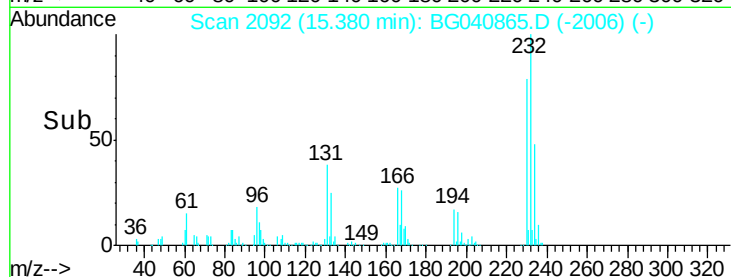
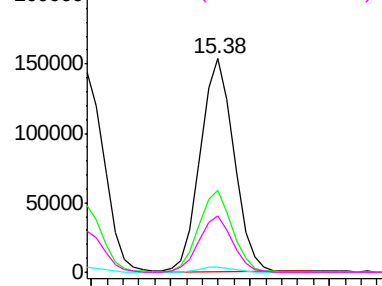


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 47.687 ng

RT: 15.57 min Scan# 2124

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

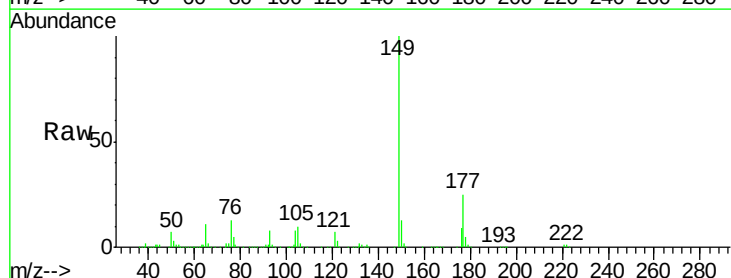
Tgt Ion:149 Resp: 675318

Ion Ratio Lower Upper

149 100

177 24.9 18.5 27.7

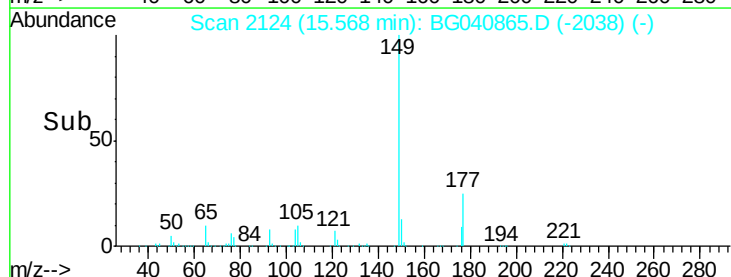
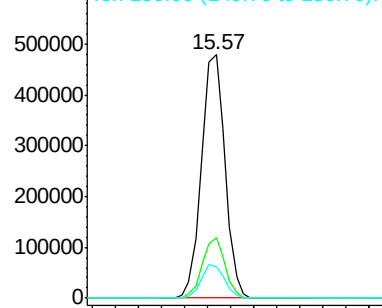
150 13.1 10.2 15.4

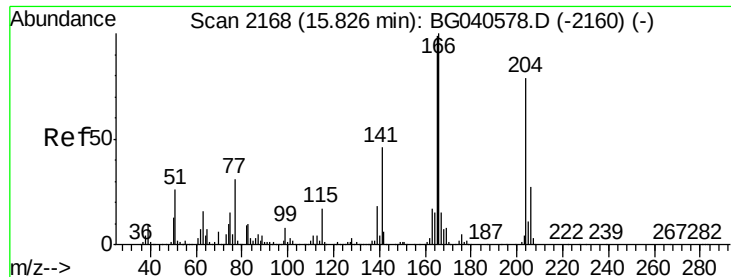


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

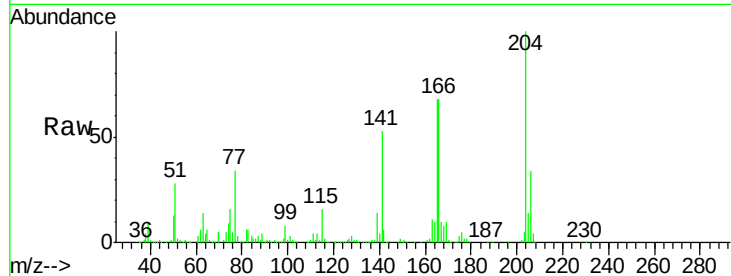




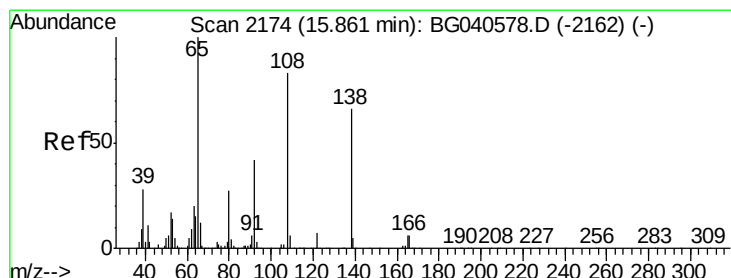
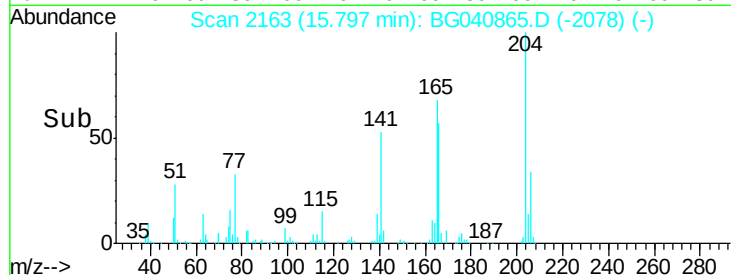
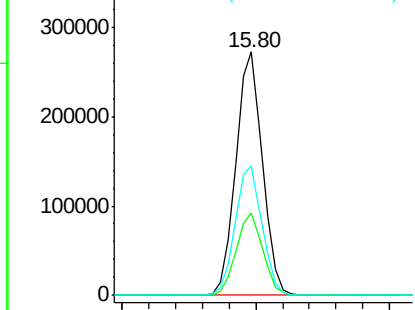
#61
 4-Chlorophenyl-phenylether
 Concen: 50.448 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.4	41.2
141	53.3	46.0	69.0

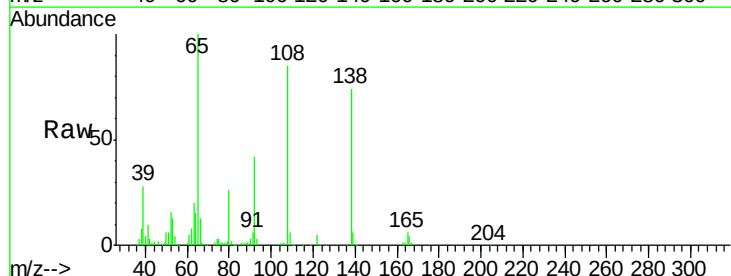


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

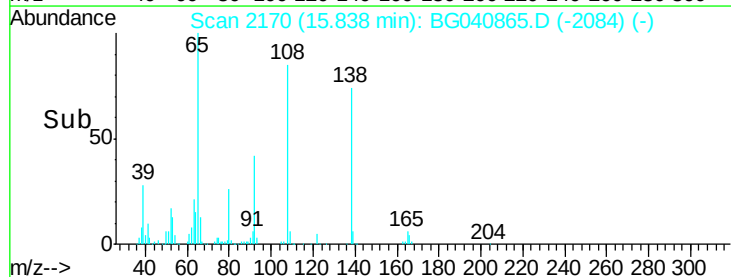
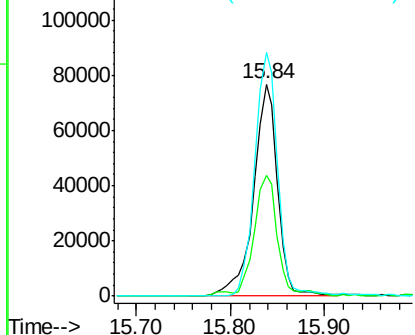


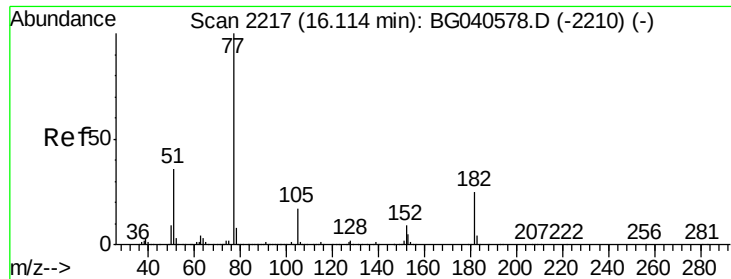
#62
 4-Nitroaniline
 Concen: 45.275 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.8	43.9	83.9
108	115.1	106.5	146.5



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





#63

Azobenzene

Concen: 42.819 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

Tgt Ion: 77 Resp: 624479

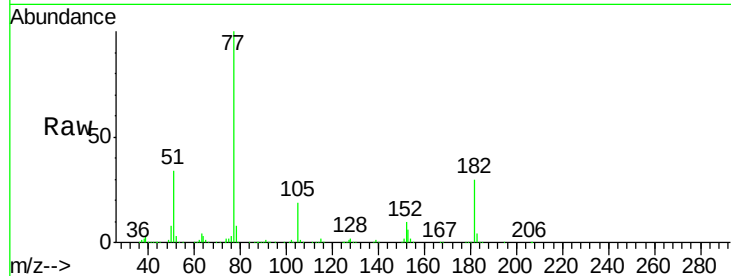
Ion Ratio Lower Upper

77 100

182 29.9 5.0 45.0

105 19.1 0.0 37.6

51 34.0 16.3 56.3

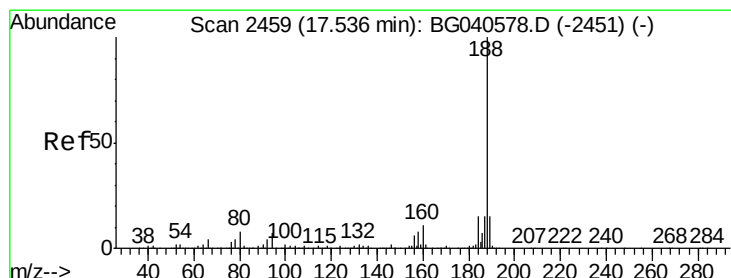
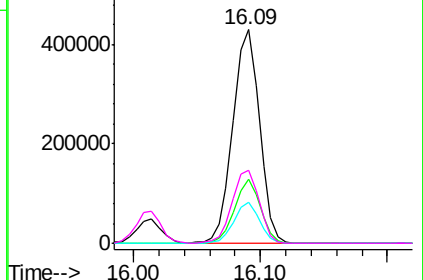
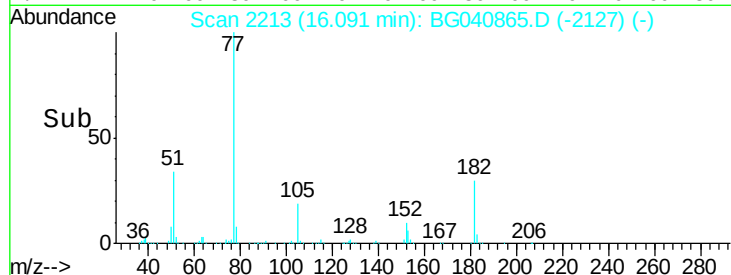


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

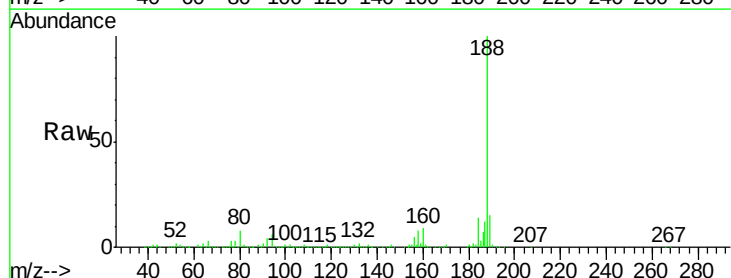
Tgt Ion: 188 Resp: 425886

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

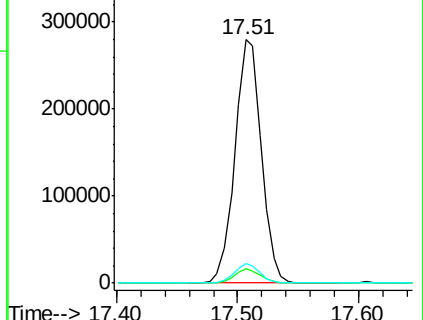
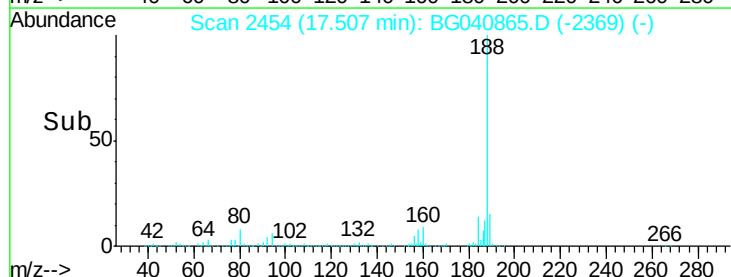
80 7.8 6.4 9.6

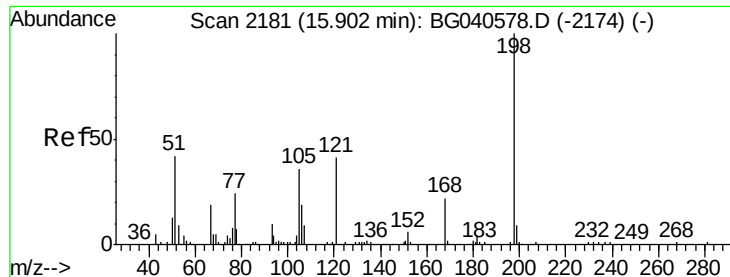


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 34.694 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

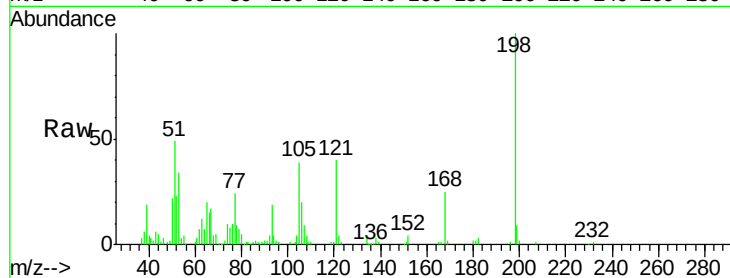
Tgt Ion:198 Resp: 67956

Ion Ratio Lower Upper

198 100

51 48.7 35.9 75.9

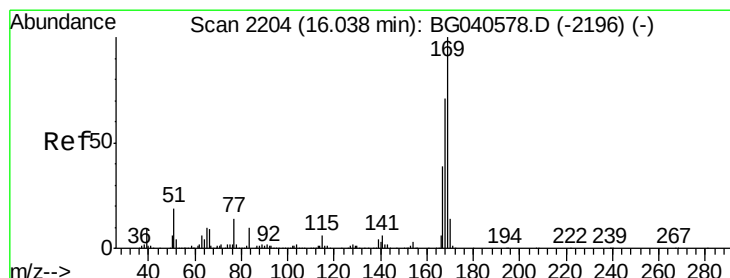
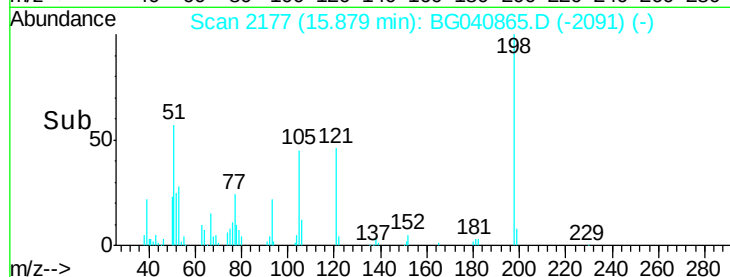
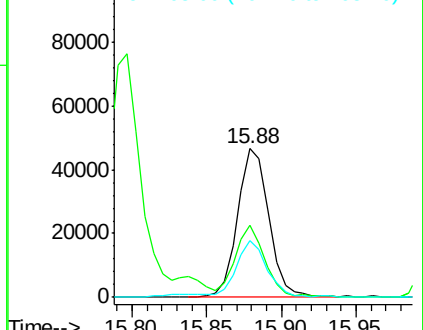
105 38.6 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040578.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.851 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

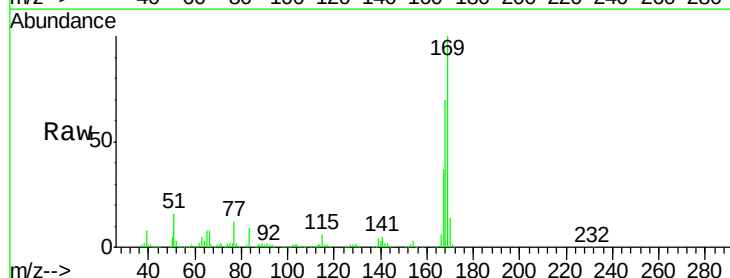
Tgt Ion:169 Resp: 561981

Ion Ratio Lower Upper

169 100

168 70.1 56.8 85.2

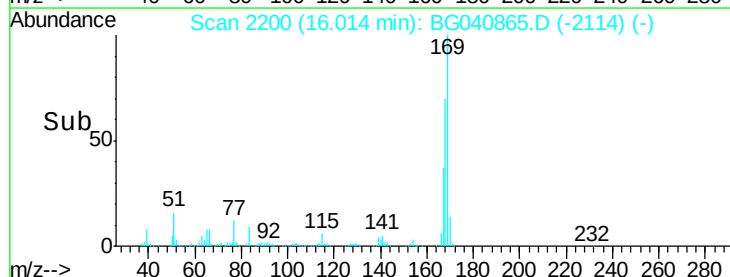
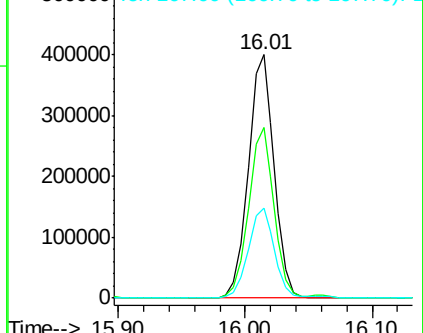
167 36.7 31.4 47.0

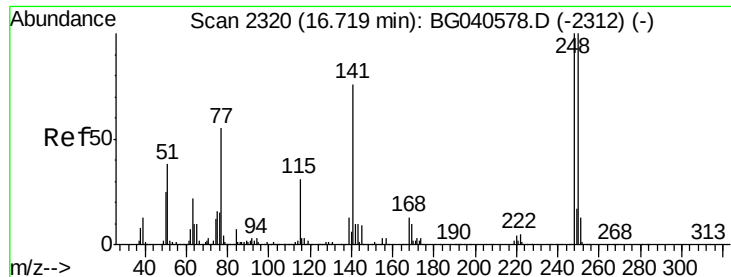


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

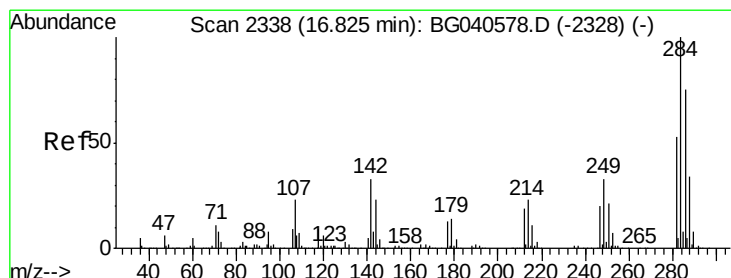
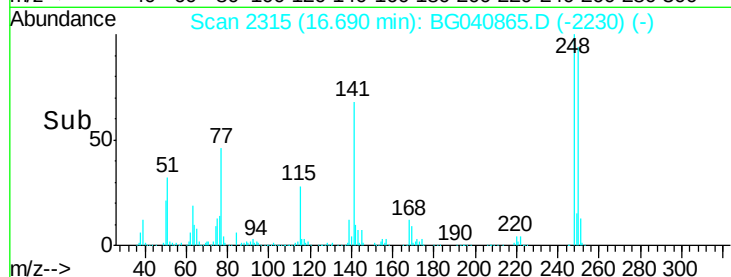
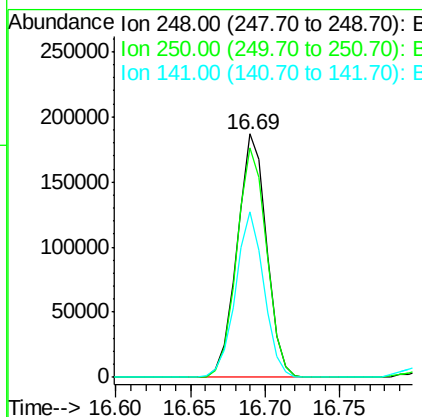
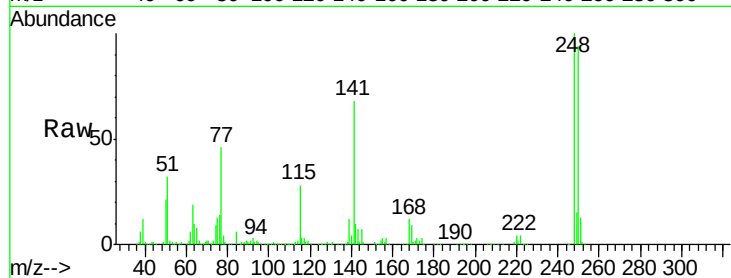




#67
 4-Bromophenyl-phenylether
 Concen: 48.146 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

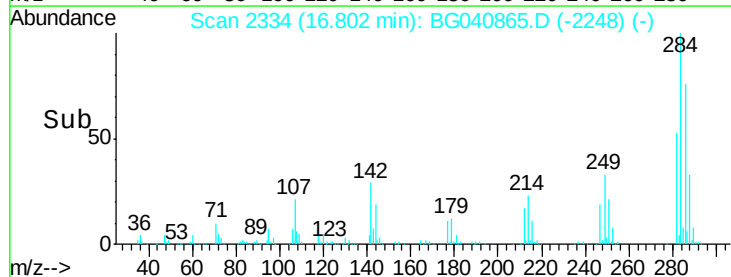
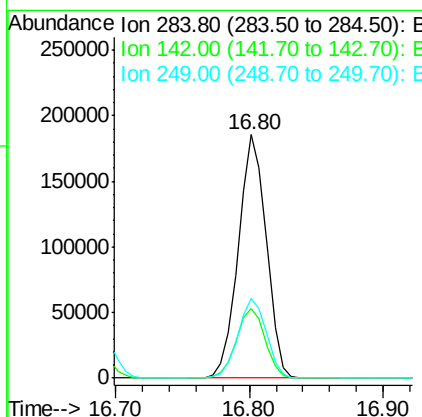
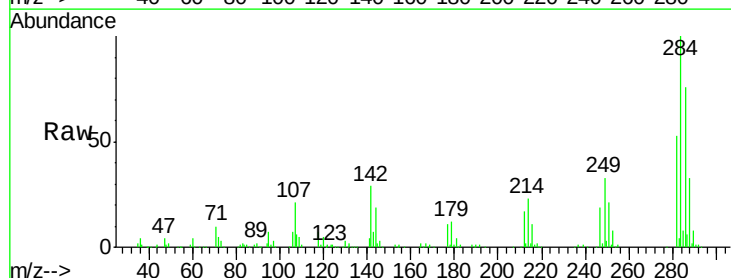
Instrument :
 BNA_G
 ClientSampleID :
 72-11995MS

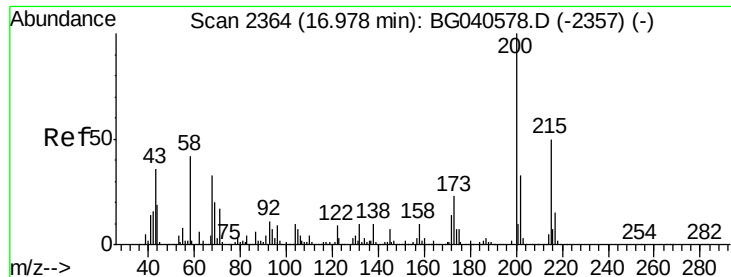
Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.4	79.8	119.6
141	68.0	60.8	91.2



#68
 Hexachlorobenzene
 Concen: 48.753 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	26.6	40.0
249	35.3	26.0	39.0





#69

Atrazine

Concen: 51.078 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

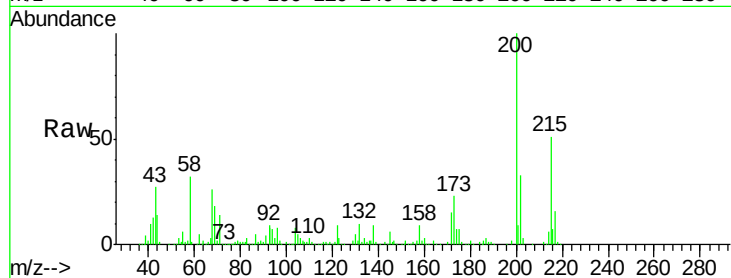
Tgt Ion:200 Resp: 253569

Ion Ratio Lower Upper

200 100

173 23.1 2.8 42.8

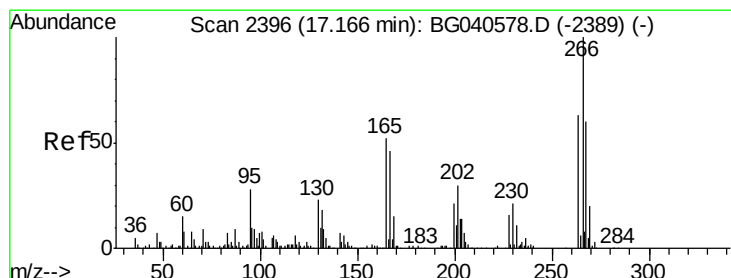
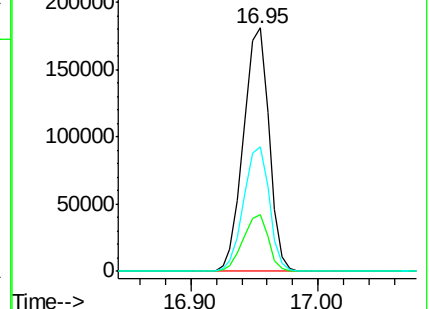
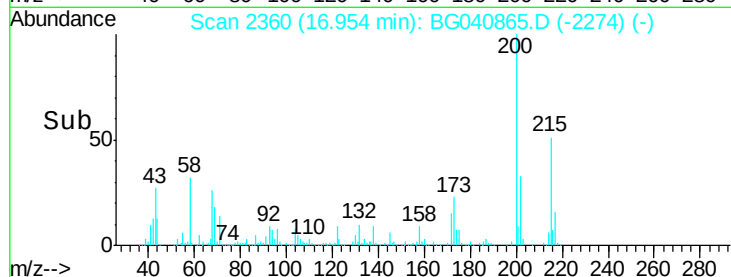
215 50.9 30.2 70.2



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: 81.397 ng

RT: 17.15 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

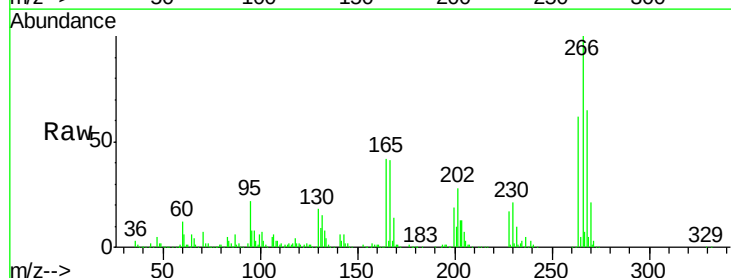
Tgt Ion:266 Resp: 261321

Ion Ratio Lower Upper

266 100

268 65.2 52.3 78.5

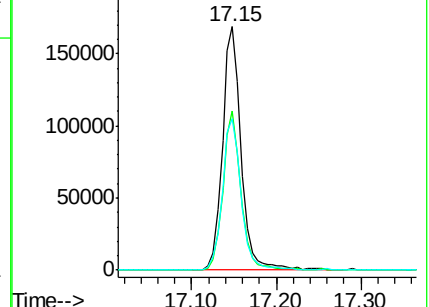
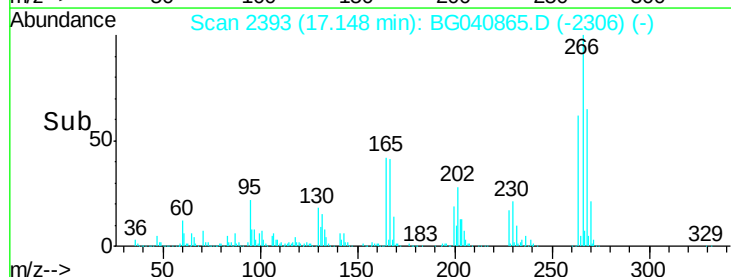
264 62.0 50.0 75.0

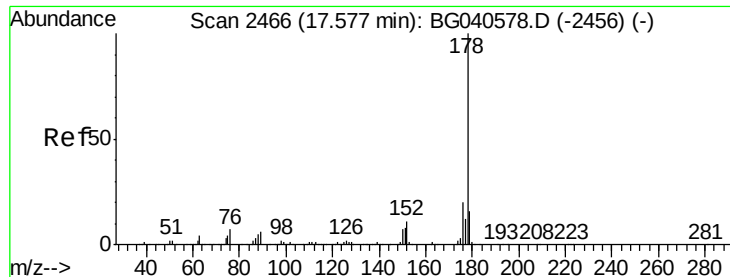


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

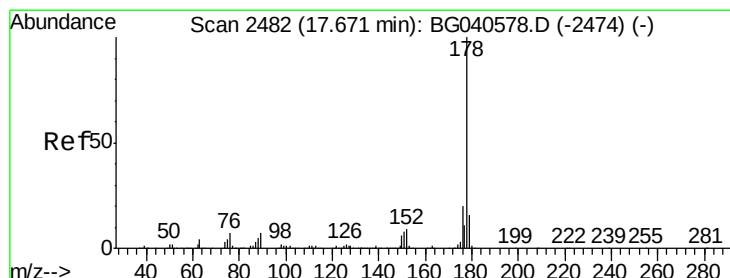
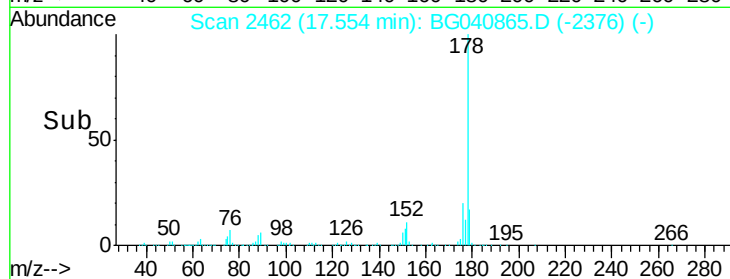
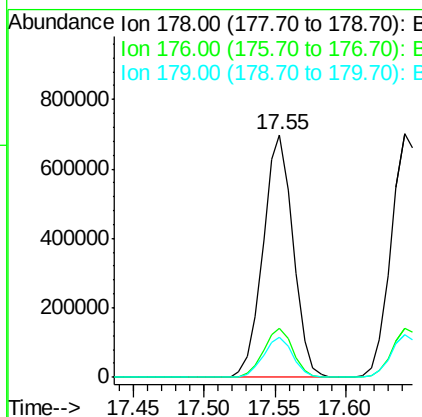
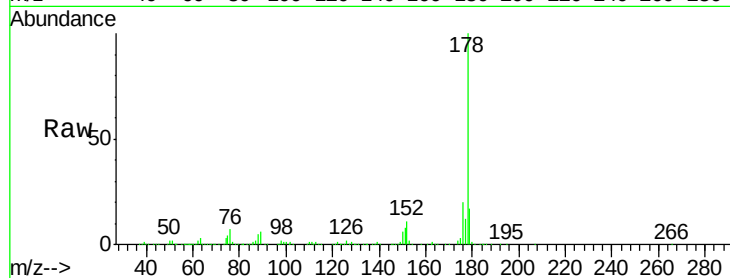




#71
Phenanthrene
Concen: 45.359 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

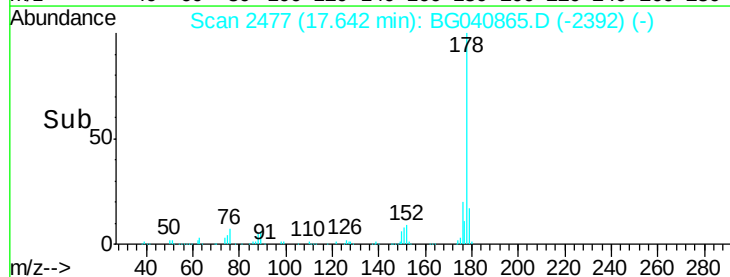
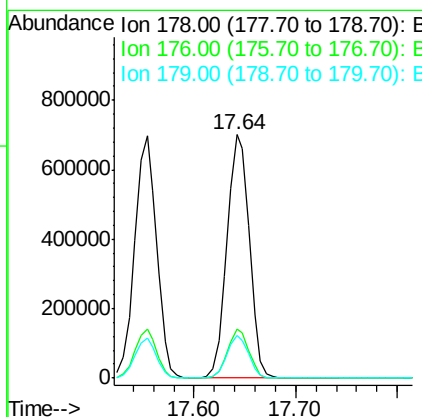
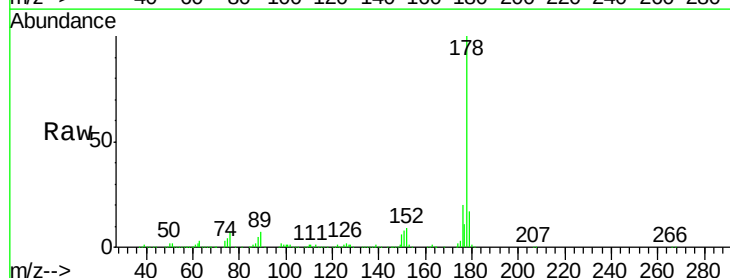
Instrument :
BNA_G
ClientSampleId :
72-11995MS

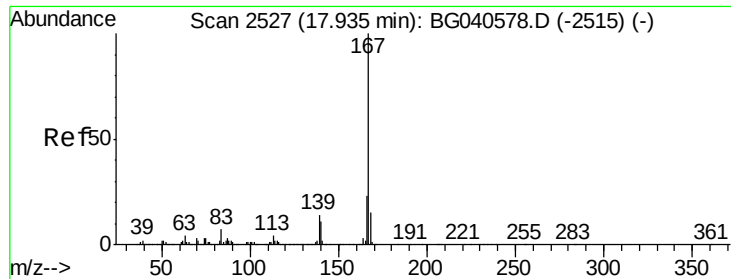
Tgt Ion:178 Resp: 1040507
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.7 12.6 18.8



#72
Anthracene
Concen: 46.455 ng
RT: 17.64 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Tgt Ion:178 Resp: 1071148
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 17.3 12.9 19.3

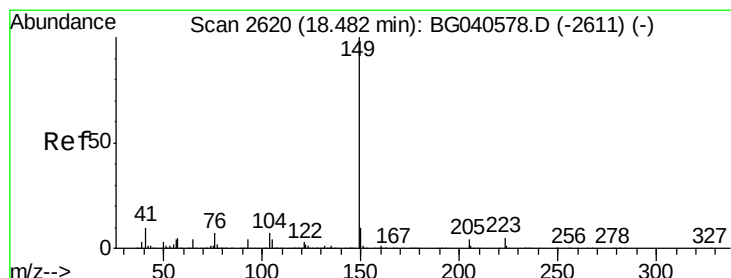
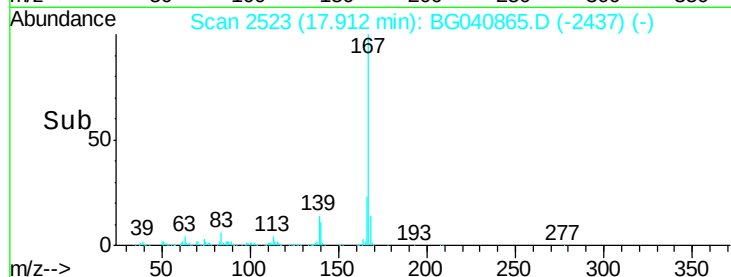
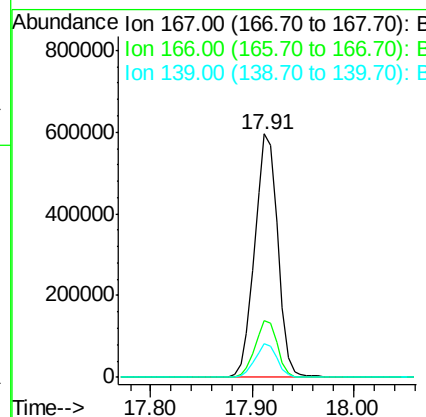
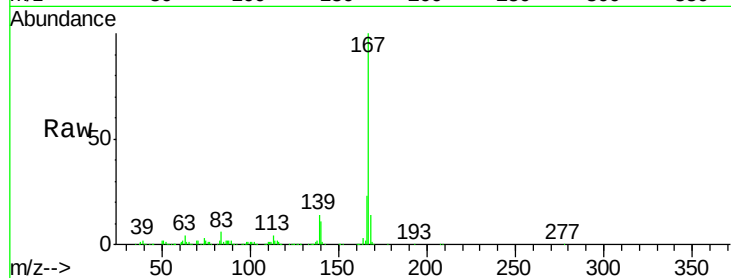




#73
 Carbazole
 Concen: 44.817 ng
 RT: 17.91 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

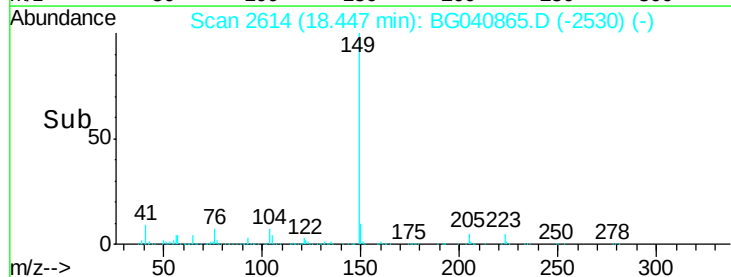
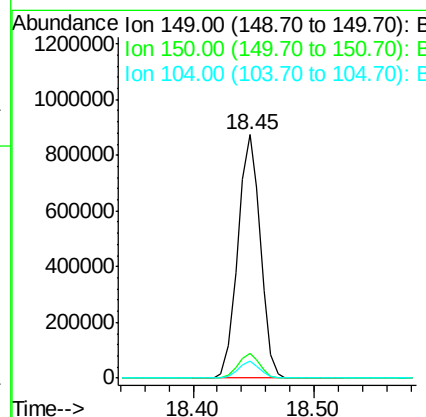
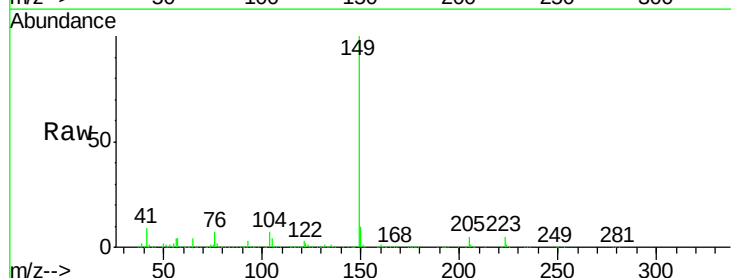
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MS

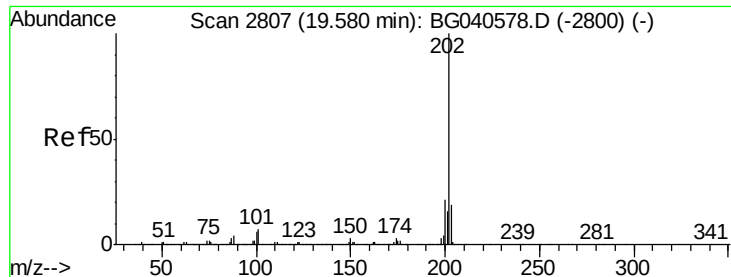
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	14.0	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 44.652 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.04 min
 Lab File: BG040865.D
 Acq: 11 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	6.8	5.4	8.2





#75

Fluoranthene

Concen: 47.892 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

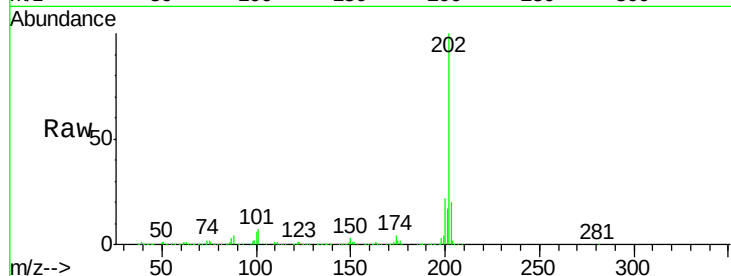
Tgt Ion:202 Resp: 1369043

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.5

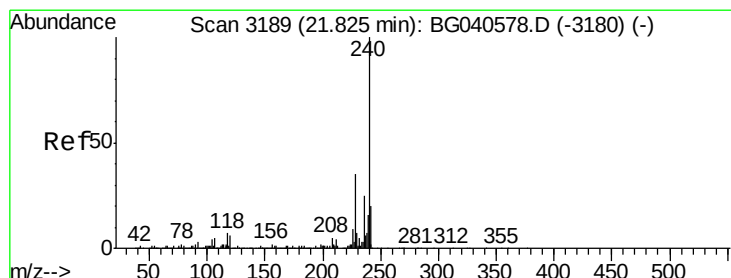
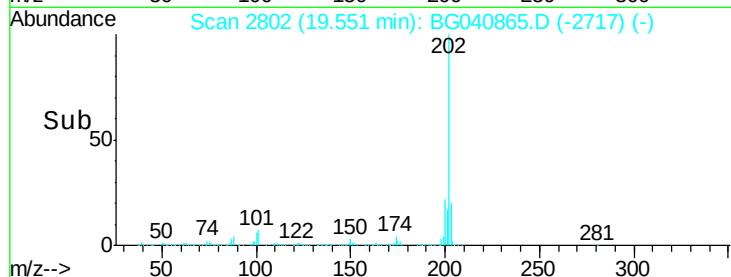
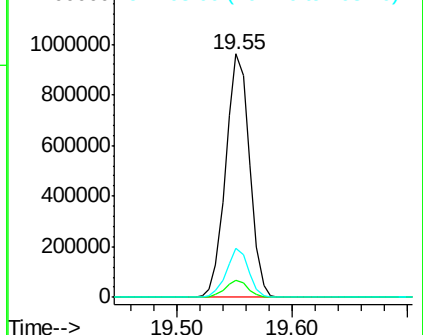
203 20.1 0.0 39.3



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: 21.79 min Scan# 3183

Delta R.T. -0.04 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

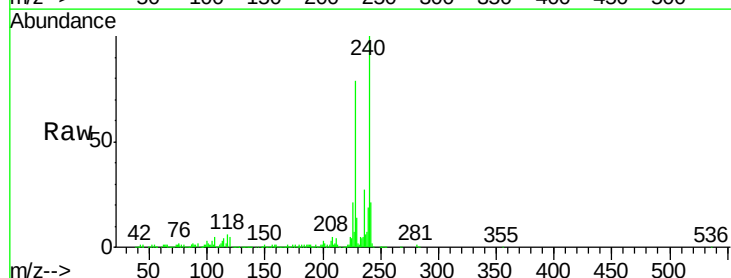
Tgt Ion:240 Resp: 427940

Ion Ratio Lower Upper

240 100

120 5.3 5.0 7.6

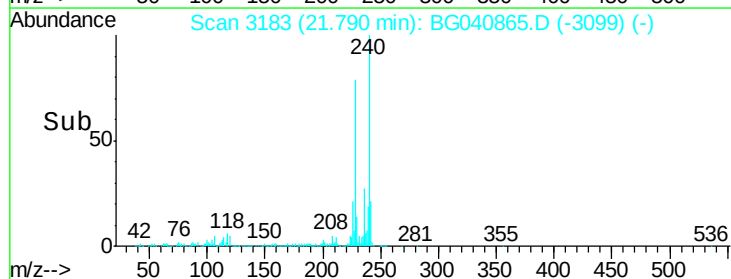
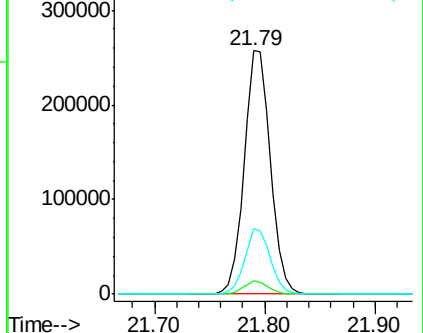
236 27.0 20.3 30.5

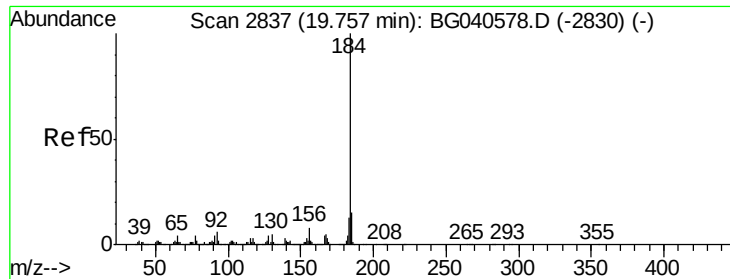


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.018 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

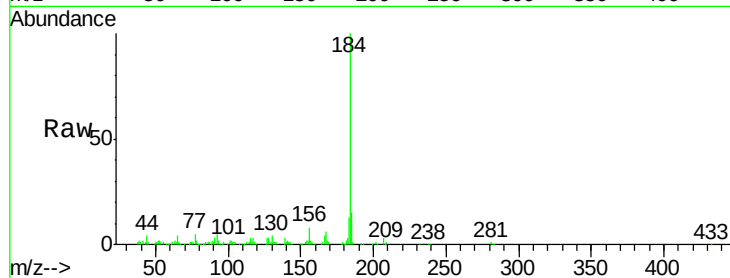
Tgt Ion:184 Resp: 93948

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.8

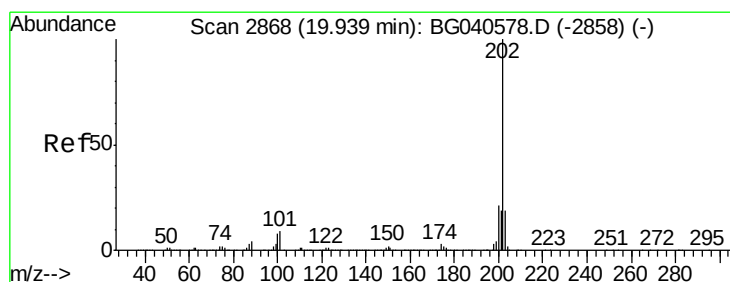
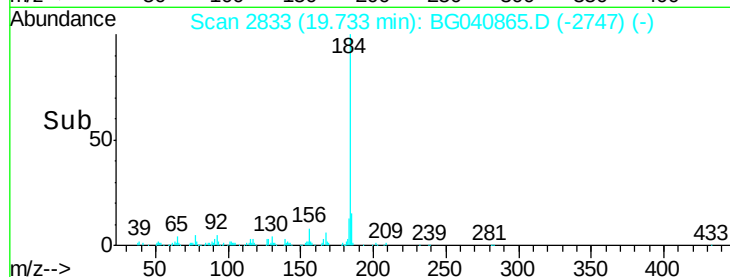
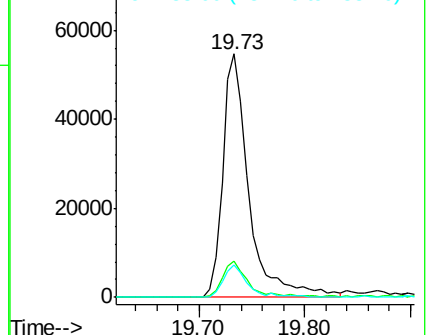
183 13.2 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.270 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

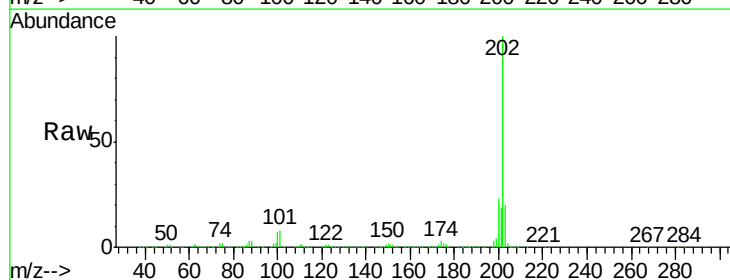
Tgt Ion:202 Resp: 1375128

Ion Ratio Lower Upper

202 100

200 22.7 17.2 25.8

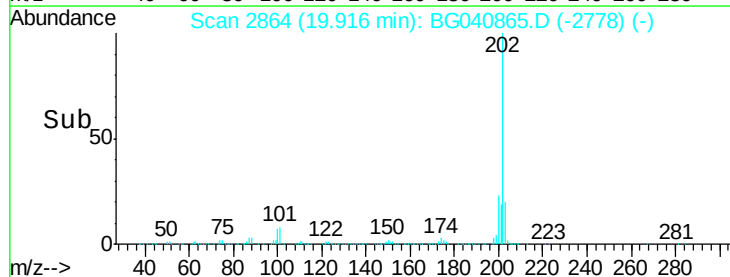
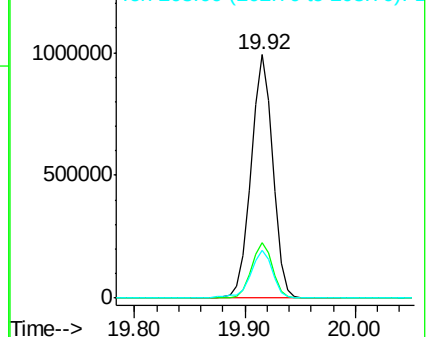
203 19.7 15.0 22.4

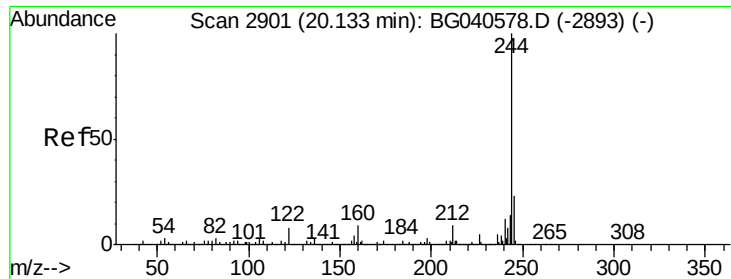


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.417 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

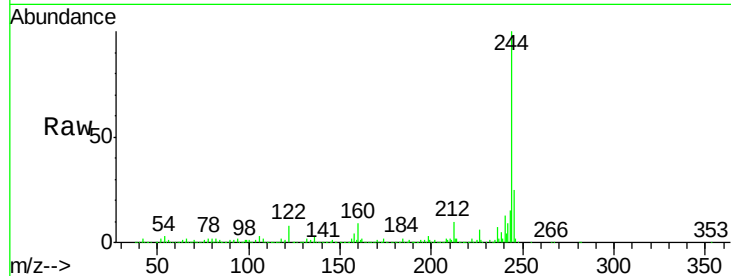
Tgt Ion:244 Resp: 1939705

Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

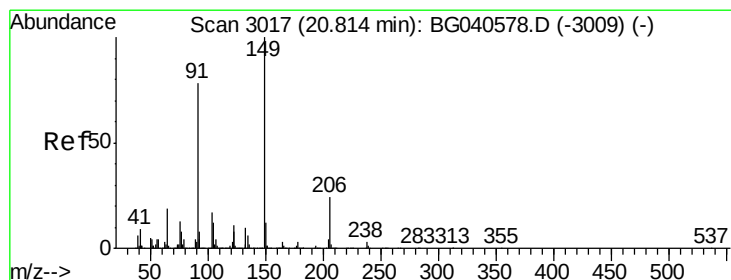
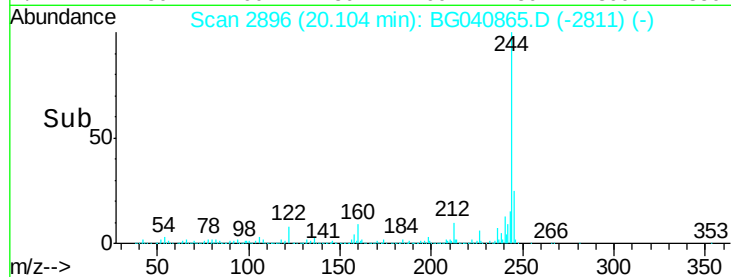
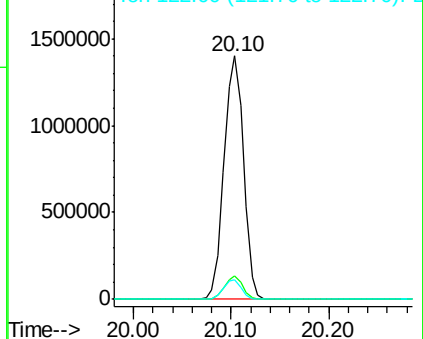
122 8.2 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.428 ng

RT: 20.79 min Scan# 3012

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

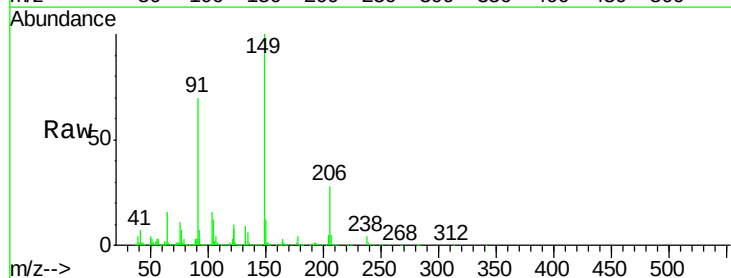
Tgt Ion:149 Resp: 527155

Ion Ratio Lower Upper

149 100

91 70.0 62.6 93.8

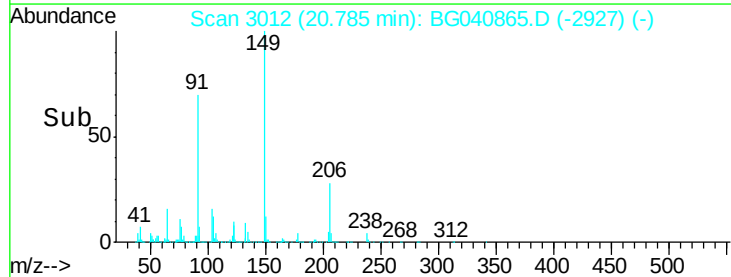
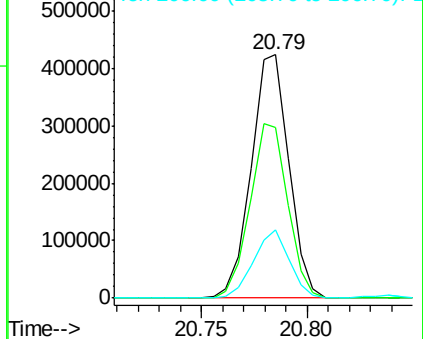
206 27.9 19.4 29.2

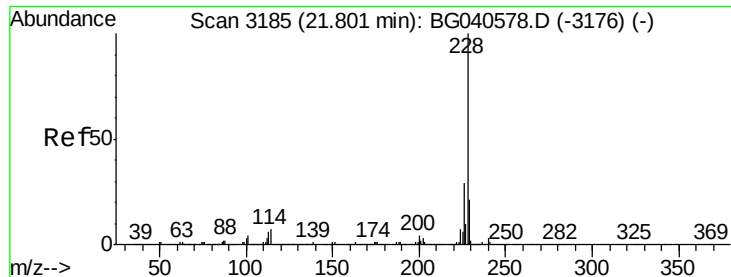


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.968 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

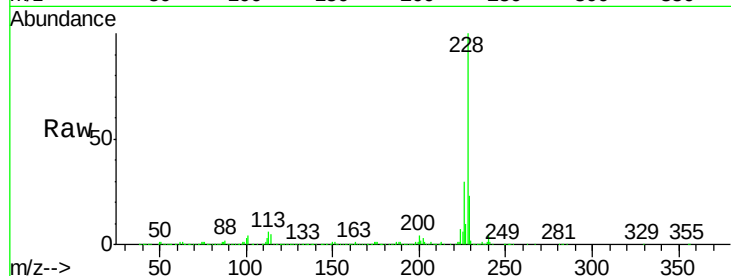
Tgt Ion:228 Resp: 1324390

Ion Ratio Lower Upper

228 100

226 30.2 23.1 34.7

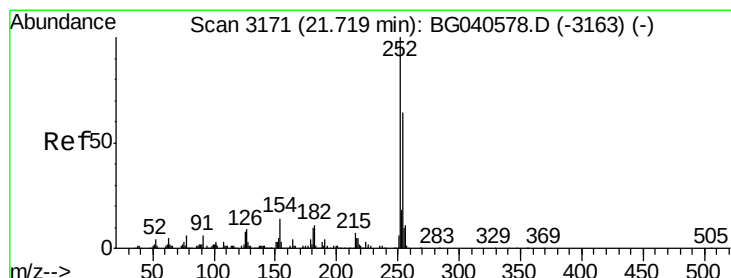
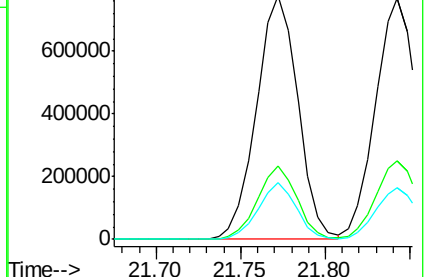
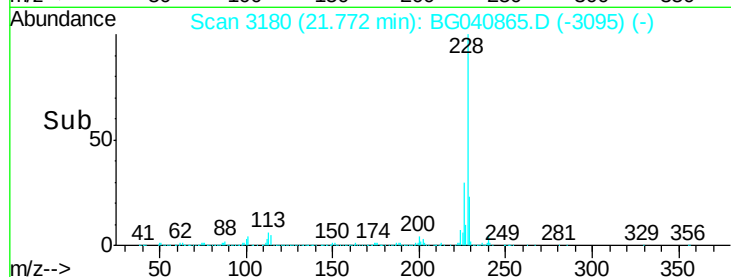
229 23.2 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.272 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.04 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

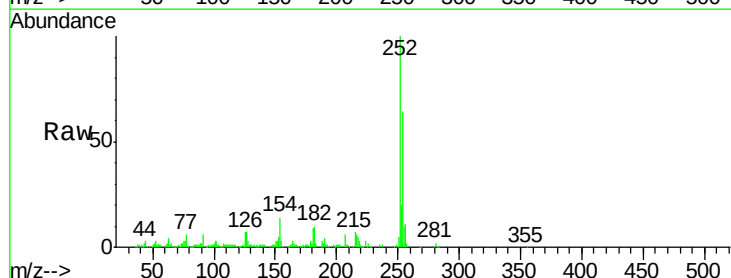
Tgt Ion:252 Resp: 166503

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

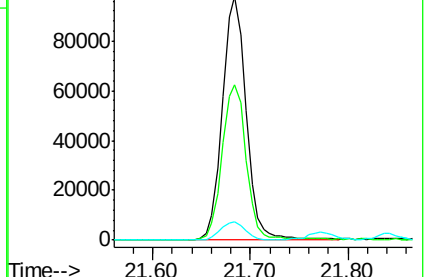
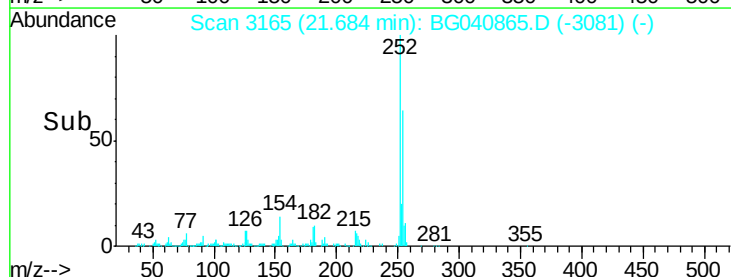
126 7.3 6.6 10.0

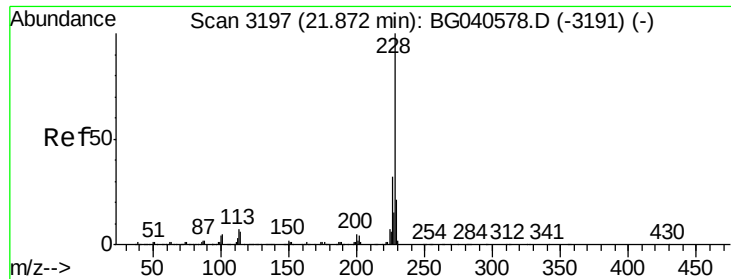


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.829 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

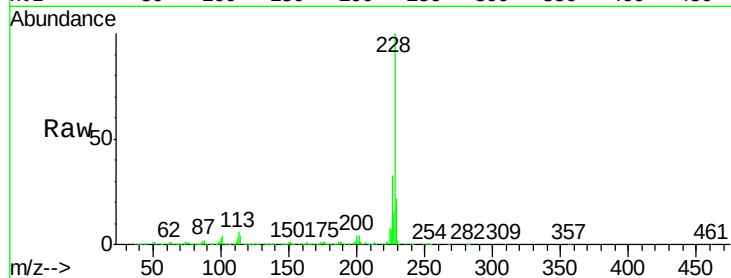
Tgt Ion:228 Resp: 1307419

Ion Ratio Lower Upper

228 100

226 32.6 25.5 38.3

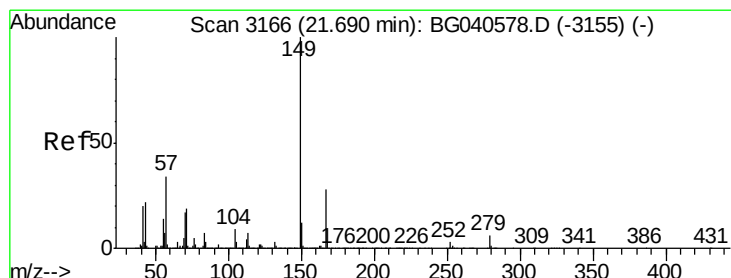
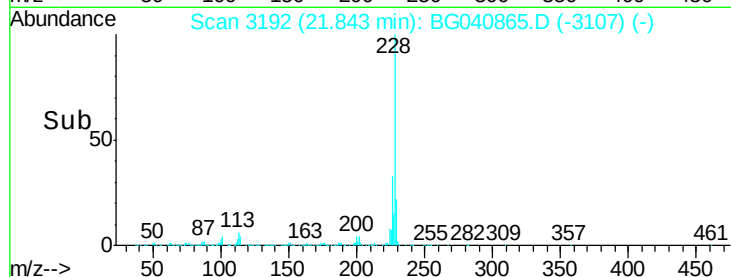
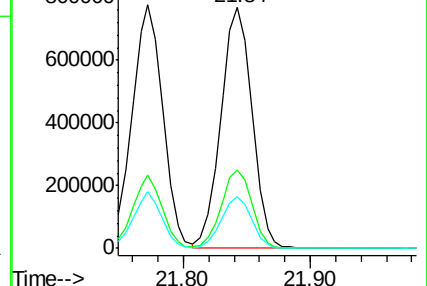
229 21.6 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.019 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.05 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

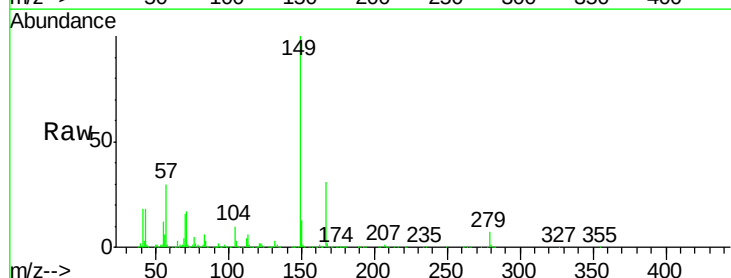
Tgt Ion:149 Resp: 724616

Ion Ratio Lower Upper

149 100

167 31.4 22.4 33.6

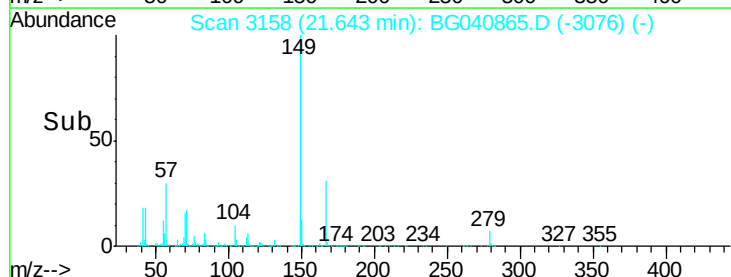
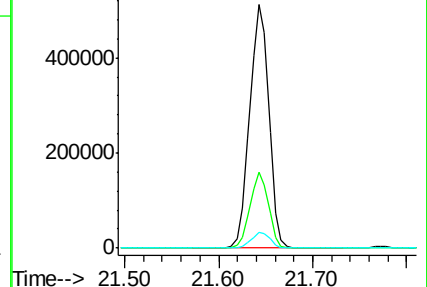
279 6.7 4.6 6.8

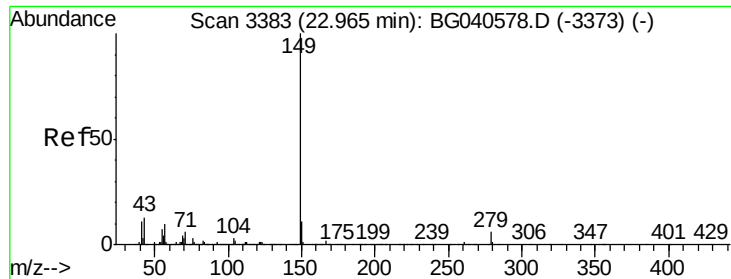


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.571 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.07 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

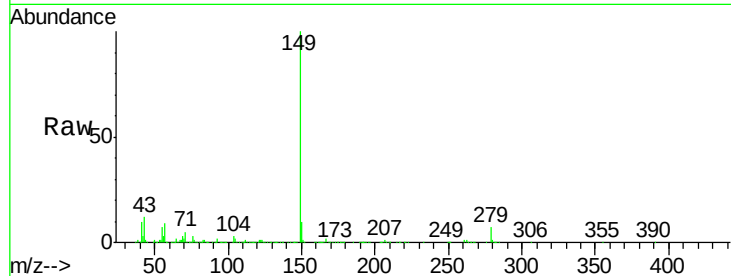
Tgt Ion:149 Resp: 1234371

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

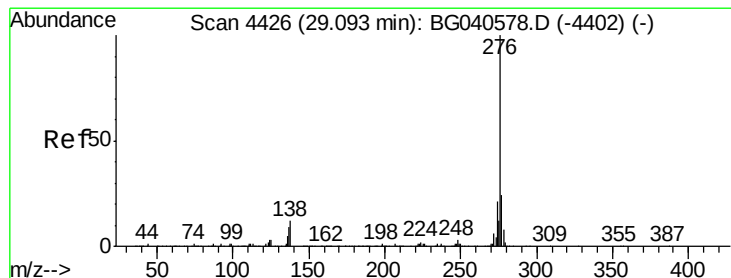
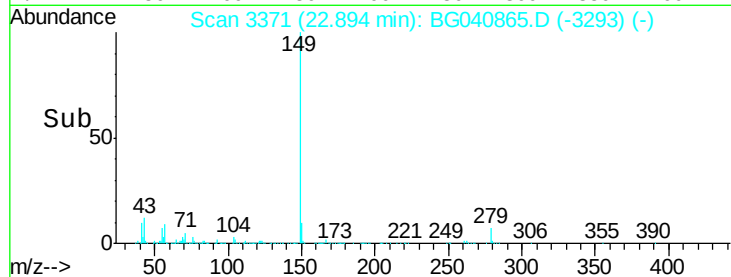
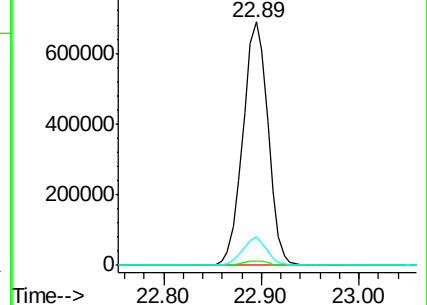
43 11.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.848 ng

RT: 28.99 min Scan# 4409

Delta R.T. -0.10 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

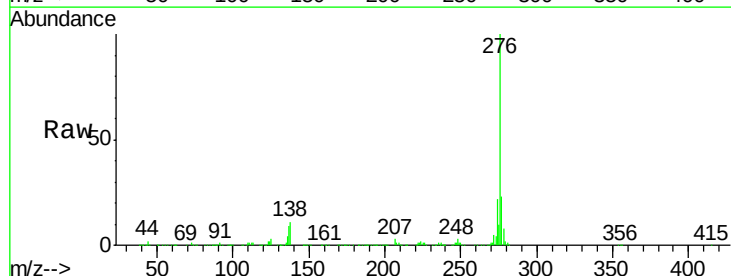
Tgt Ion:276 Resp: 1643496

Ion Ratio Lower Upper

276 100

138 5.1 9.8 14.6#

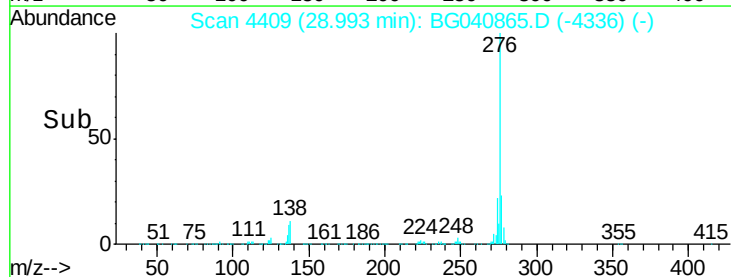
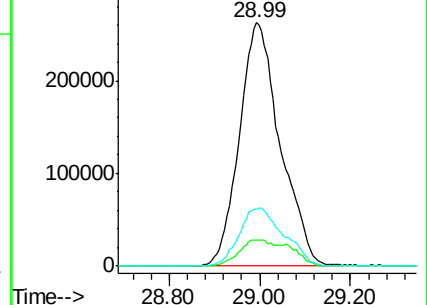
277 26.1 17.3 25.9#

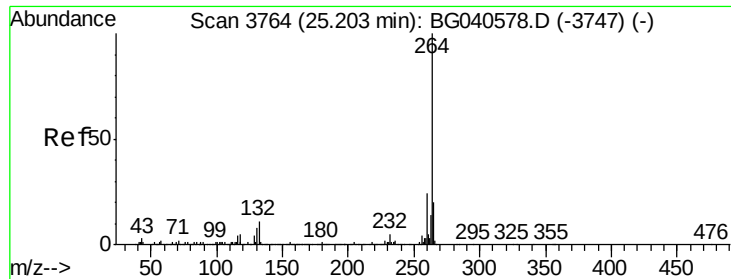


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



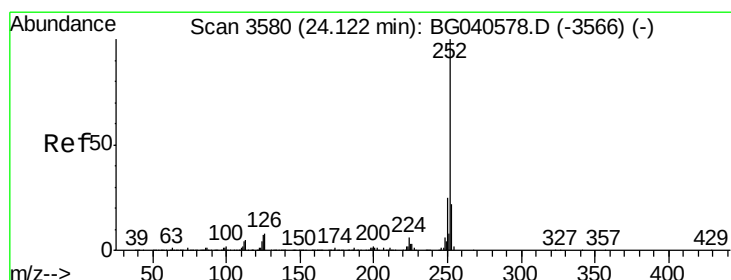
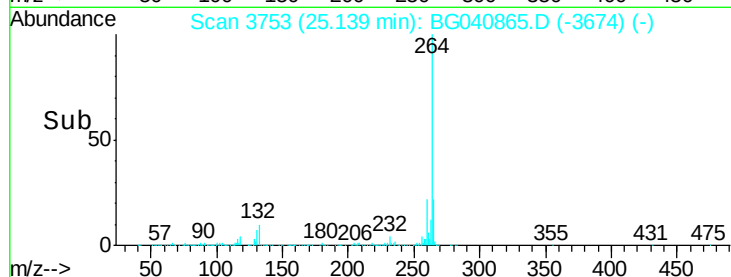
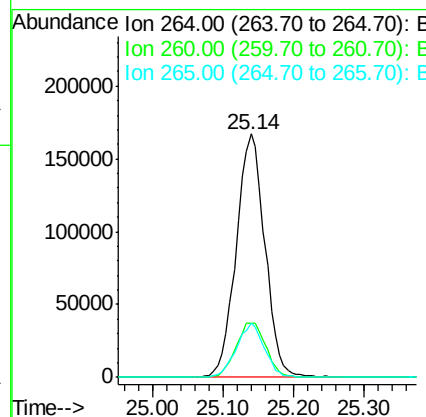
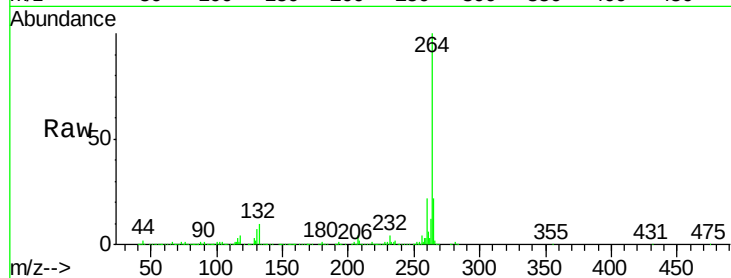


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3753
Delta R.T. -0.06 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Instrument :
BNA_G
ClientSampleId :
72-11995MS

Tgt Ion: 264 Resp: 469952

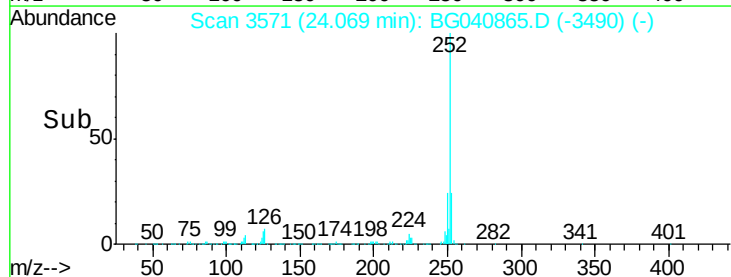
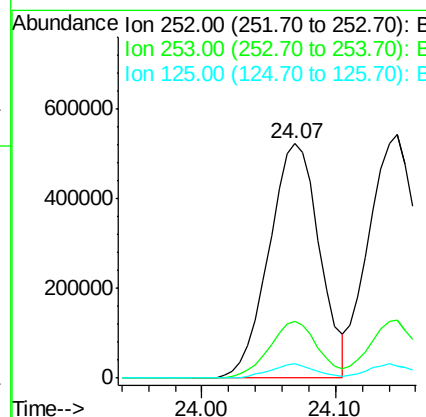
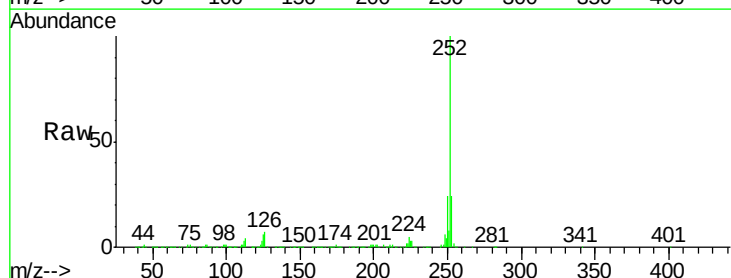
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.1	16.6	25.0

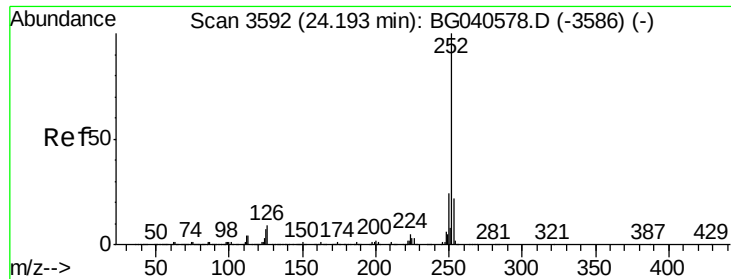


#88
Benzo(b)fluoranthene
Concen: 47.963 ng
RT: 24.07 min Scan# 3571
Delta R.T. -0.05 min
Lab File: BG040865.D
Acq: 11 May 2019 3:38

Tgt Ion: 252 Resp: 1377400

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	6.0	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 50.530 ng m

RT: 24.15 min Scan# 3584

Delta R.T. -0.05 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

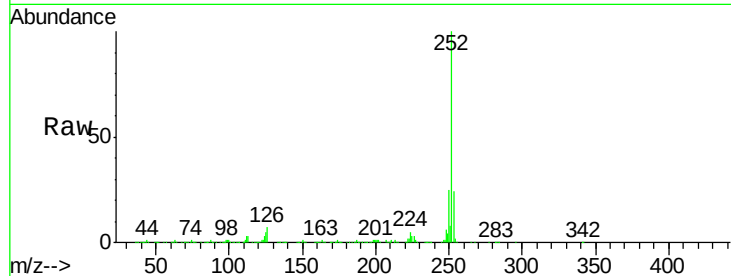
Tgt Ion:252 Resp: 1355195

Ion Ratio Lower Upper

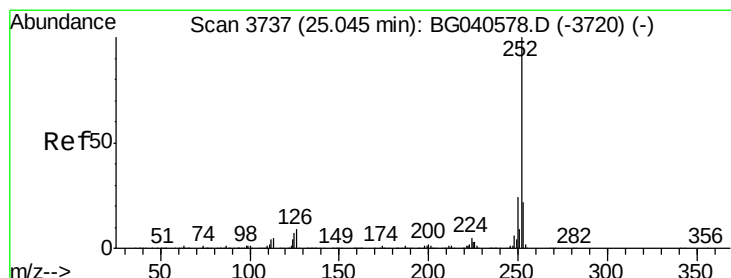
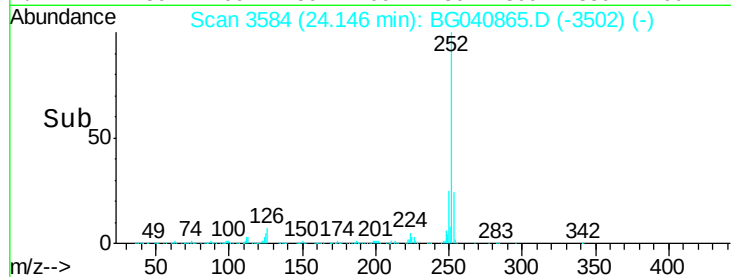
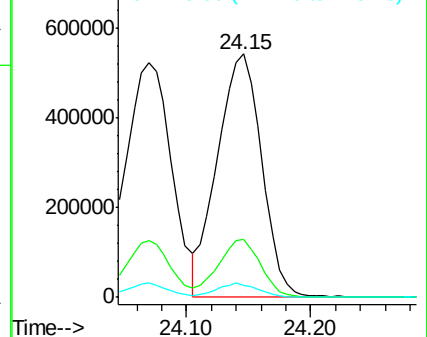
252 100

253 24.0 17.6 26.4

125 5.0 5.5 8.3#



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: 49.673 ng

RT: 24.99 min Scan# 3727

Delta R.T. -0.06 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

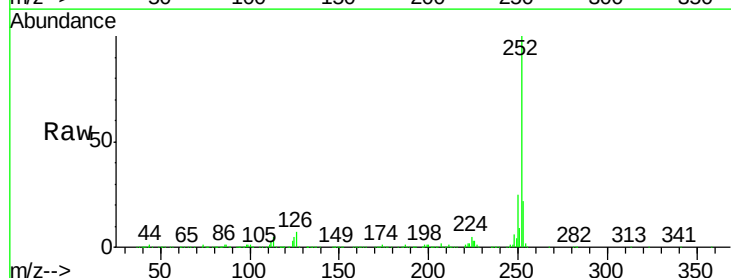
Tgt Ion:252 Resp: 1350303

Ion Ratio Lower Upper

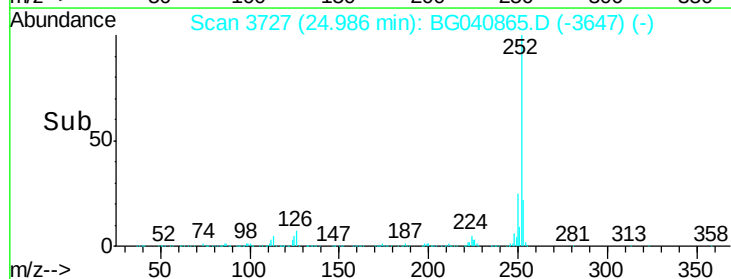
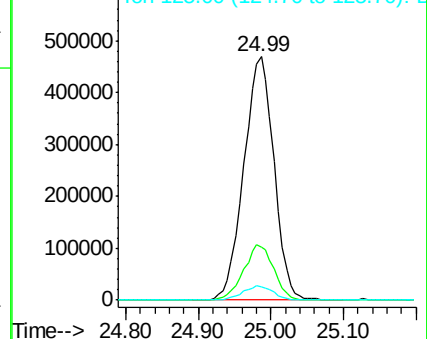
252 100

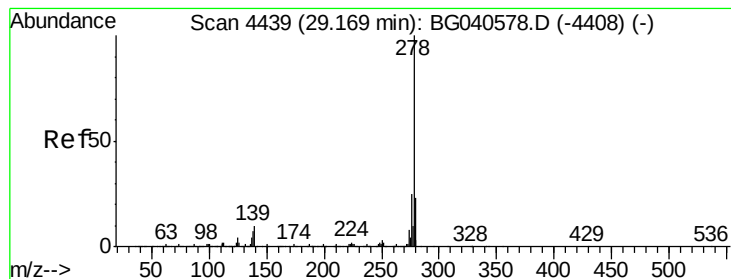
253 21.7 17.8 26.6

125 5.3 5.7 8.5#



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: 49.113 ng

RT: 29.06 min Scan# 4421

Delta R.T. -0.11 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

72-11995MS

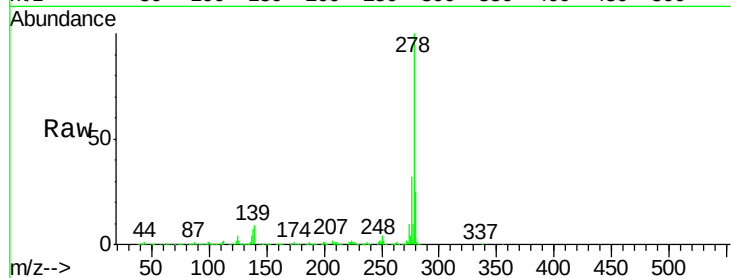
Tgt Ion:278 Resp: 1351077

Ion Ratio Lower Upper

278 100

139 9.0 8.2 12.4

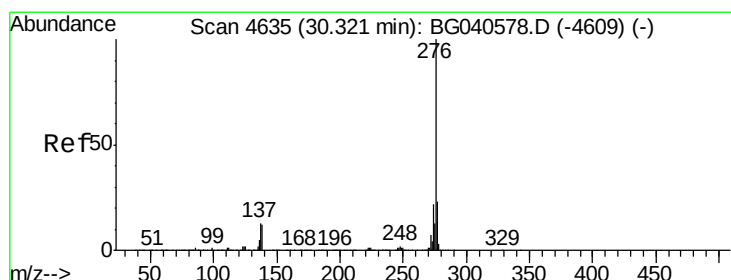
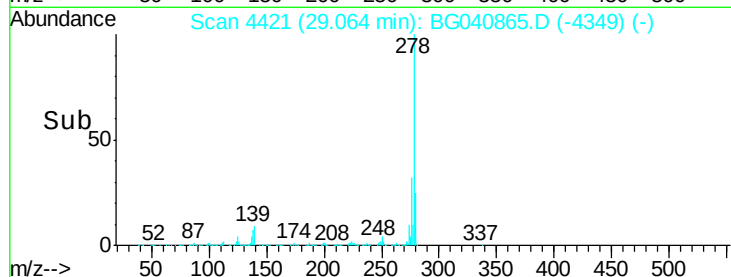
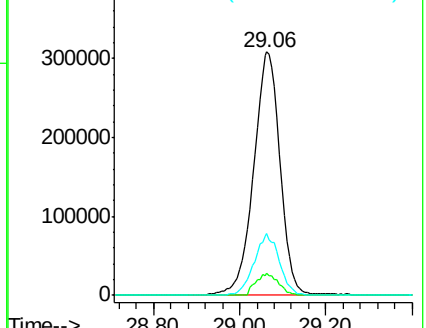
279 25.2 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.762 ng

RT: 30.22 min Scan# 4617

Delta R.T. -0.11 min

Lab File: BG040865.D

Acq: 11 May 2019 3:38

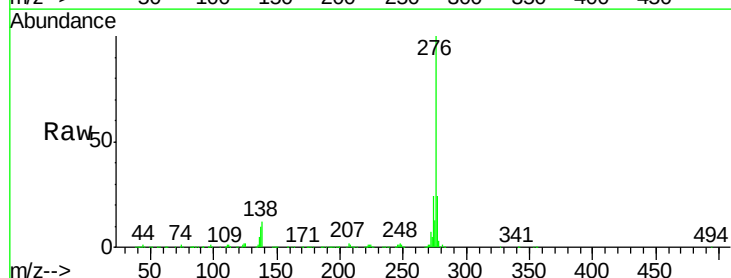
Tgt Ion:276 Resp: 1362392

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 12.1 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

