

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042875.D
 Acq On : 17 Sep 2019 20:02
 Operator : HP/JU
 Sample : K4918-12MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Quant Time: Sep 18 01:52:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59112	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	244713	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	201274	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	486228	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	380469	20.00	ng	-0.01
87) Perylene-d12	25.01	264	397671	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	340670	100.19	ng	0.02
7) Phenol-d6	7.31	99	537243	110.08	ng	0.04
23) Nitrobenzene-d5	9.28	82	350144	74.49	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	325353	121.50	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	880175	69.22	ng	-0.02
79) Terphenyl-d14	20.07	244	1410367	82.16	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	36277	23.378	ng	# 80
3) Pyridine	4.05	79	100341	21.477	ng	# 86
4) n-Nitrosodimethylamine	3.92	42	78844	34.681	ng	# 78
6) Aniline	7.45	93	105558	16.032	ng	97
8) 2-Chlorophenol	7.69	128	145154	39.495	ng	97
9) Benzaldehyde	7.26	77	89651	28.229	ng	97
10) Phenol	7.33	94	213277	42.614	ng	89
11) bis(2-Chloroethyl)ether	7.54	93	128524	33.461	ng	97
12) 1,3-Dichlorobenzene	8.00	146	150743	33.627	ng	98
13) 1,4-Dichlorobenzene	8.15	146	155558	34.661	ng	96
14) 1,2-Dichlorobenzene	8.46	146	146698	34.338	ng	96
15) Benzyl Alcohol	8.37	79	156832	37.446	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	306959	36.391	ng	97
17) 2-Methylphenol	8.57	107	137759	41.143	ng	93
18) Hexachloroethane	9.20	117	56925	34.356	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	130843	36.385	ng	93
20) 3+4-Methylphenols	8.90	107	188776	40.900	ng	98
22) Acetophenone	8.95	105	227095	36.745	ng	# 94
24) Nitrobenzene	9.32	77	198067	40.146	ng	98
25) Isophorone	9.88	82	360805	36.826	ng	99
26) 2-Nitrophenol	10.03	139	87144	44.918	ng	# 96
27) 2,4-Dimethylphenol	10.10	122	152314	44.383	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	194674	35.630	ng	98
29) 2,4-Dichlorophenol	10.57	162	176682	44.303	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	191091	39.246	ng	98
31) Naphthalene	10.97	128	481749	39.872	ng	100
32) Benzoic acid	10.29	122	109126	40.393	ng	93
33) 4-Chloroaniline	11.08	127	39515	6.997	ng	# 94
34) Hexachlorobutadiene	11.25	225	139195	40.803	ng	95
35) Caprolactam	11.97	113	28728	19.371	ng	95
36) 4-Chloro-3-methylphenol	12.21	107	195880	45.237	ng	97
37) 2-Methylnaphthalene	12.56	142	385027	42.541	ng	97
38) 1-Methylnaphthalene	12.56	142	385027	45.357	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	264017	39.696	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042875.D
 Acq On : 17 Sep 2019 20:02
 Operator : HP/JU
 Sample : K4918-12MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Quant Time: Sep 18 01:52:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

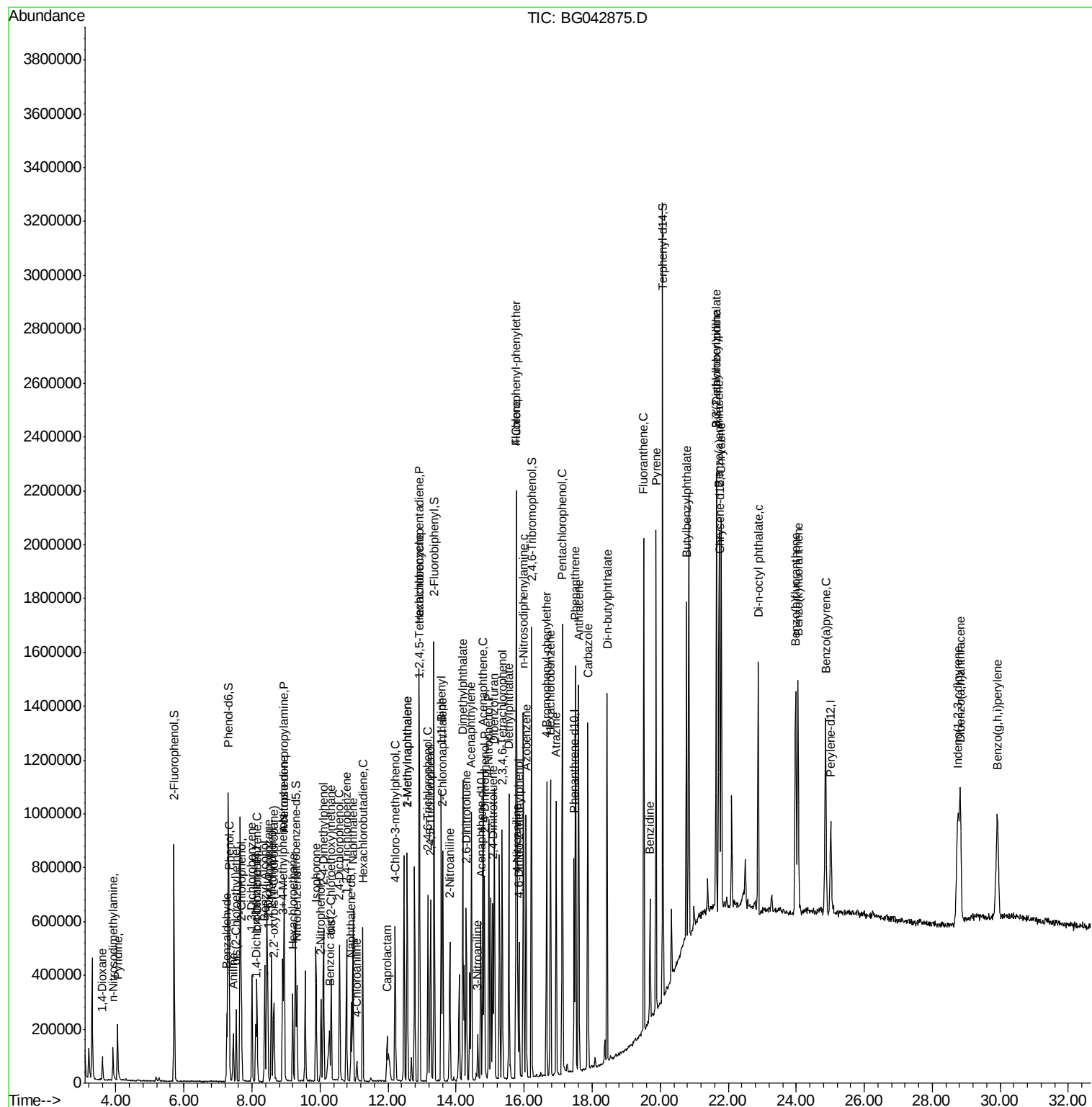
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	357907	93.934	ng	97
43) 2,4,6-Trichlorophenol	13.18	196	180354	40.731	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	196811	43.394	ng	96
46) 1,1'-Biphenyl	13.56	154	554775	39.373	ng	100
47) 2-Chloronaphthalene	13.60	162	433300	37.174	ng	100
48) 2-Nitroaniline	13.82	65	154343	38.171	ng	99
49) Acenaphthylene	14.45	152	711790	39.961	ng	96
50) Dimethylphthalate	14.20	163	709364	47.047	ng	100
51) 2,6-Dinitrotoluene	14.30	165	133308	43.088	ng	98
52) Acenaphthene	14.79	154	422741	36.328	ng	99
53) 3-Nitroaniline	14.64	138	43701	12.586	ng	# 98
54) 2,4-Dinitrophenol	14.83	184	168071	110.351	ng	# 71
55) Dibenzofuran	15.13	168	697676	40.336	ng	98
56) 4-Nitrophenol	14.96	139	215445	80.248	ng	95
57) 2,4-Dinitrotoluene	15.09	165	188622	45.739	ng	99
58) Fluorene	15.77	166	591201	41.242	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	202116	45.971	ng	98
60) Diethylphthalate	15.56	149	594812	38.863	ng	98
61) 4-Chlorophenyl-phenylether	15.76	204	350597	41.365	ng	98
62) 4-Nitroaniline	15.80	138	137532	36.746	ng	84
63) Azobenzene	16.05	77	577892	39.210	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	124221	59.708	ng	95
66) n-Nitrosodiphenylamine	15.98	169	532456	40.695	ng	98
67) 4-Bromophenyl-phenylether	16.66	248	235712	40.052	ng	97
68) Hexachlorobenzene	16.78	284	247186	39.308	ng	96
69) Atrazine	16.94	200	208227	45.701	ng	98
70) Pentachlorophenol	17.12	266	331122	88.761	ng	93
71) Phenanthrene	17.51	178	956070	41.116	ng	100
72) Anthracene	17.61	178	957748	41.227	ng	100
73) Carbazole	17.88	167	863075	39.088	ng	97
74) Di-n-butylphthalate	18.44	149	953021	36.031	ng	99
75) Fluoranthene	19.52	202	1150150	38.164	ng	98
77) Benzidine	19.70	184	278327	26.184	ng	98
78) Pyrene	19.88	202	1143398	48.002	ng	98
80) Butylbenzylphthalate	20.77	149	362666	37.620	ng	97
81) Benzo(a)anthracene	21.73	228	959971	39.683	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	136747	14.546	ng	# 99
83) Chrysene	21.80	228	918466	40.083	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	465275	35.323	ng	# 98
85) Di-n-octyl phthalate	22.88	149	737642	32.850	ng	96
86) Indeno(1,2,3-cd)pyrene	28.75	276	977072	34.433	ng	# 89
88) Benzo(b)fluoranthene	23.98	252	923006	39.529	ng	# 97
89) Benzo(k)fluoranthene	24.05	252	882916	40.028	ng	# 98
90) Benzo(a)pyrene	24.86	252	884192	40.440	ng	# 98
91) Dibenzo(a,h)anthracene	28.82	278	828888	38.545	ng	# 98
92) Benzo(g,h,i)perylene	29.91	276	837313	39.918	ng	# 92

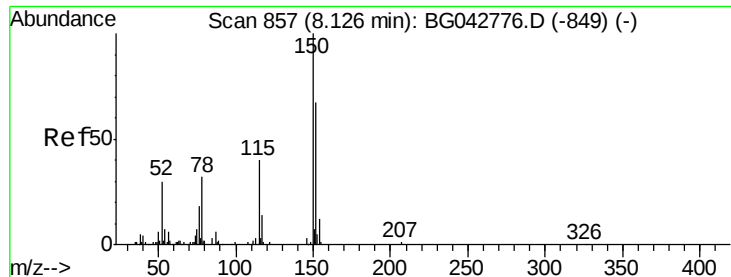
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
Data File : BG042875.D
Acq On : 17 Sep 2019 20:02
Operator : HP/JU
Sample : K4918-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
SB-12MS

Quant Time: Sep 18 01:52:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

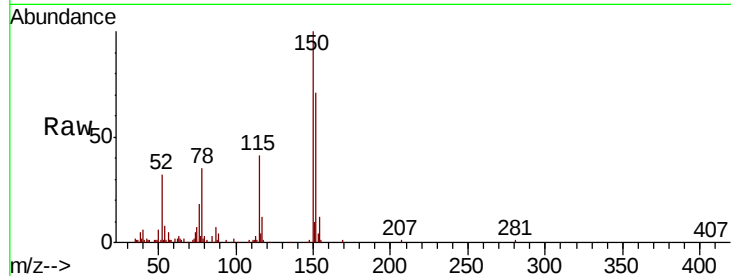
Tot Ion:152 Resp: 59112

Ion Ratio Lower Upper

152 100

150 140.3 118.9 178.3

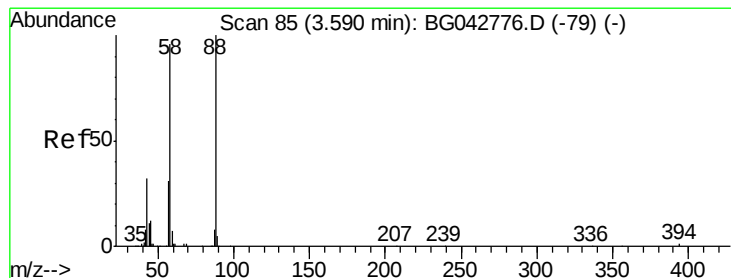
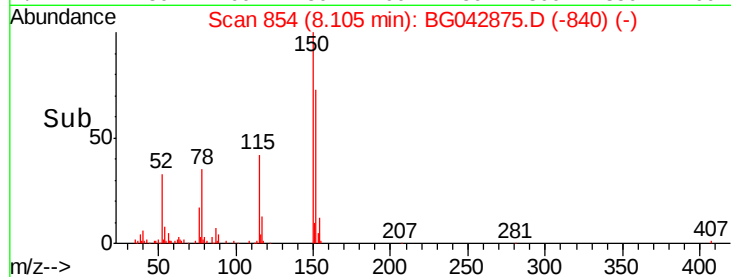
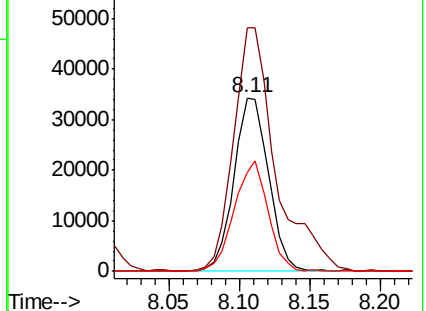
115 57.3 47.4 71.2



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: 23.378 ng

RT: 3.60 min Scan# 88

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

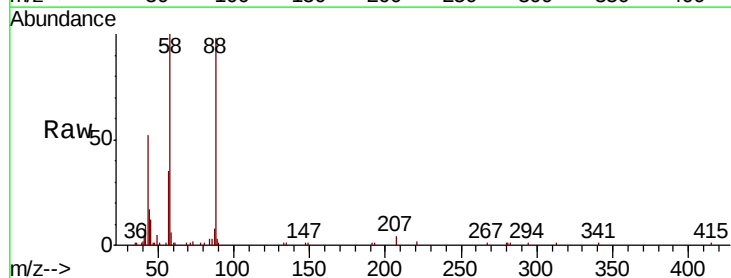
Tgt Ion: 88 Resp: 36277

Ion Ratio Lower Upper

88 100

58 113.6 79.1 118.7

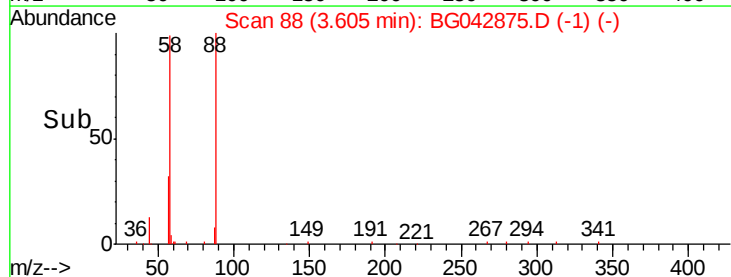
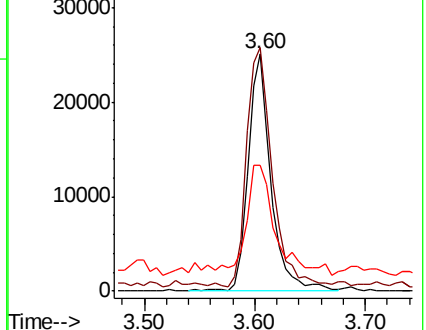
43 58.1 30.4 45.6#

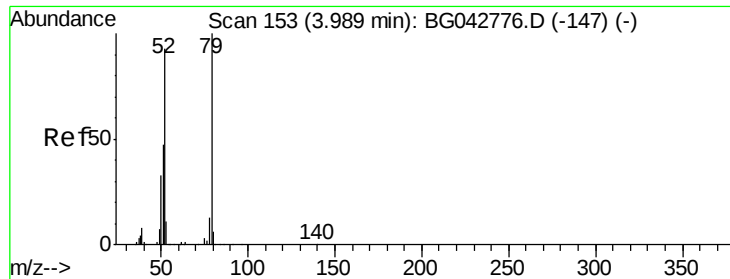


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

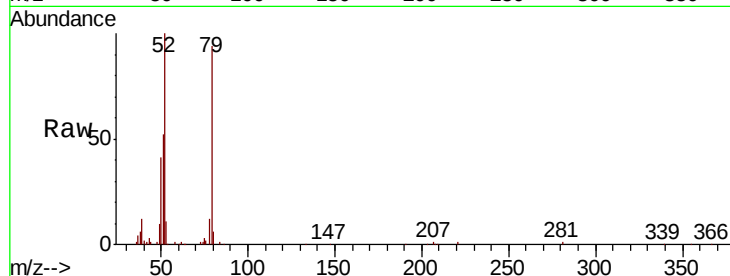




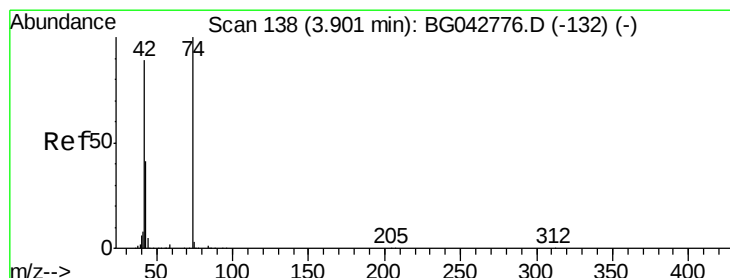
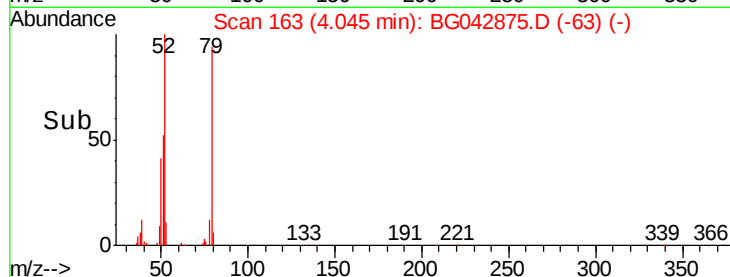
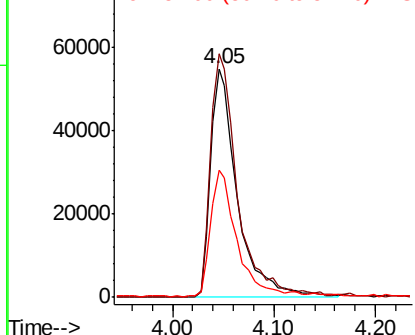
#3
 Pvridine
 Concen: 21.477 ng
 RT: 4.05 min Scan# 163
 Delta R.T. 0.06 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Tot Ion: 79 Resp: 100341
 Ion Ratio Lower Upper
 79 100
 52 106.7 74.0 111.0
 51 55.9 37.5 56.3

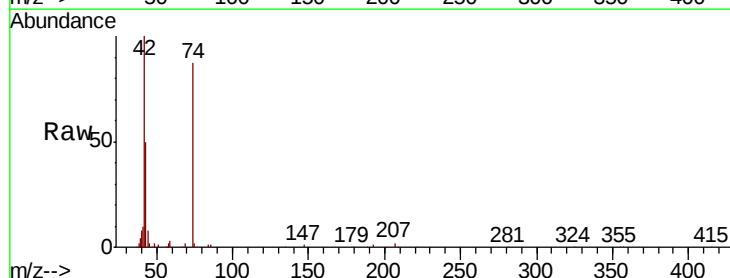


Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC

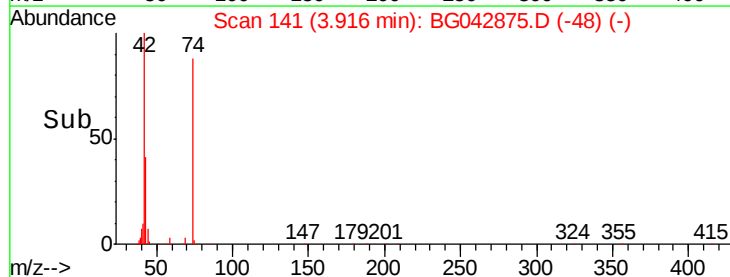
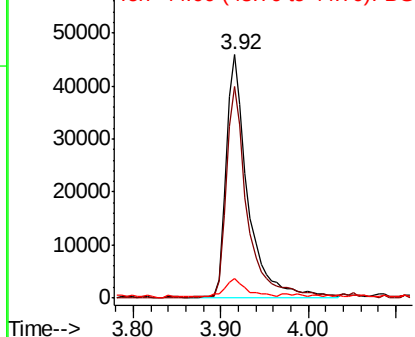


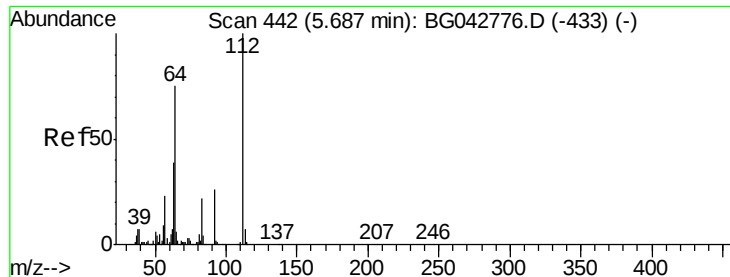
#4
 n-Nitrosodimethylamine
 Concen: 34.681 ng
 RT: 3.92 min Scan# 141
 Delta R.T. 0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion: 42 Resp: 78844
 Ion Ratio Lower Upper
 42 100
 74 87.1 90.2 135.2#
 44 7.9 6.6 9.8



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





#5

2-Fluorophenol

Concen: 100.195 ng

RT: 5.71 min Scan# 446

Delta R.T. 0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

SB-12MS

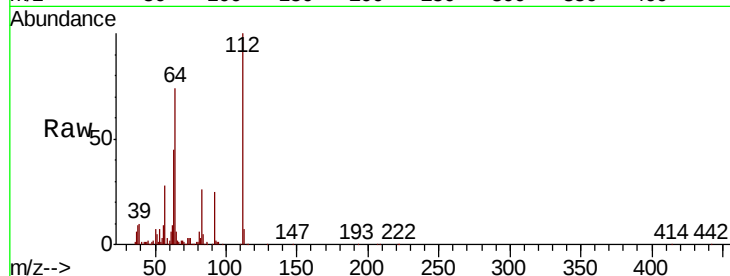
Tot Ion:112 Resp: 340670

Ion Ratio Lower Upper

112 100

64 74.1 60.2 90.2

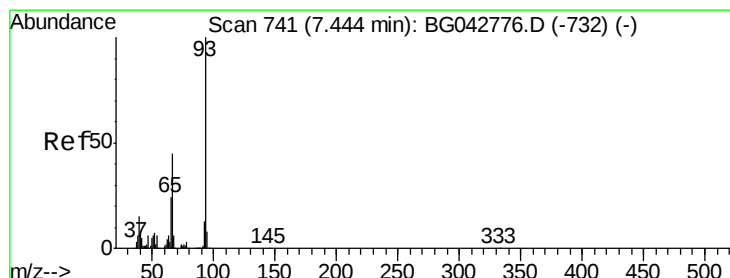
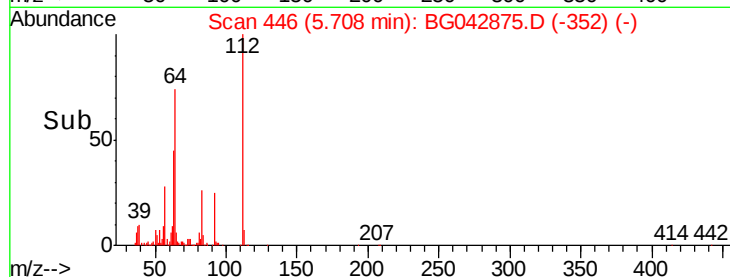
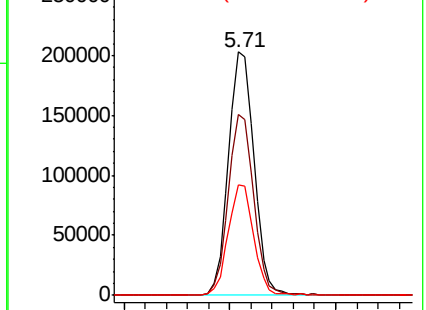
63 45.2 31.2 46.8



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: 16.032 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

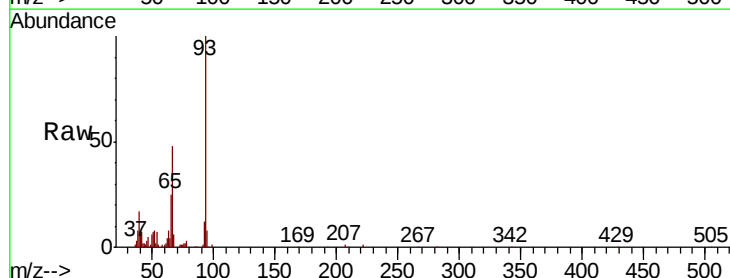
Tgt Ion: 93 Resp: 105558

Ion Ratio Lower Upper

93 100

66 47.7 36.3 54.5

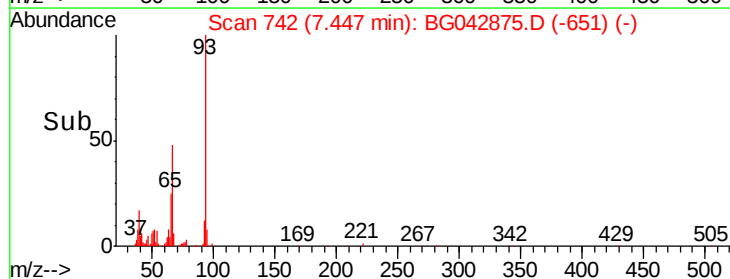
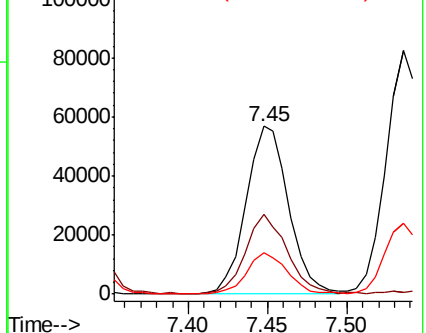
65 24.9 19.3 28.9

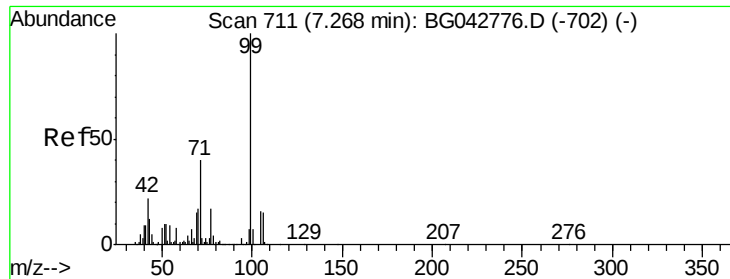


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.085 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.04 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

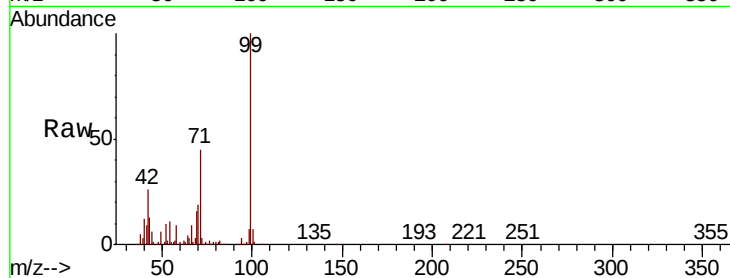
Tot Ion: 99 Resp: 537243

Ion Ratio Lower Upper

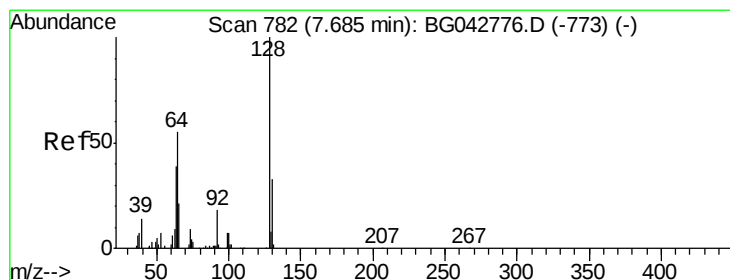
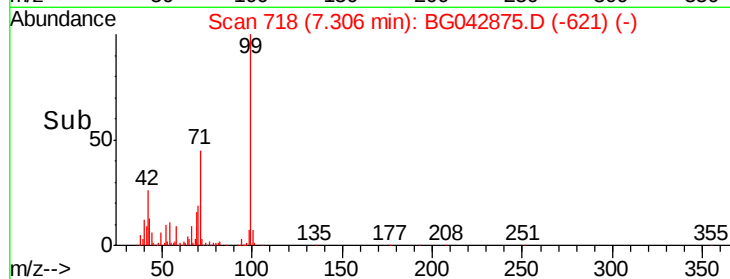
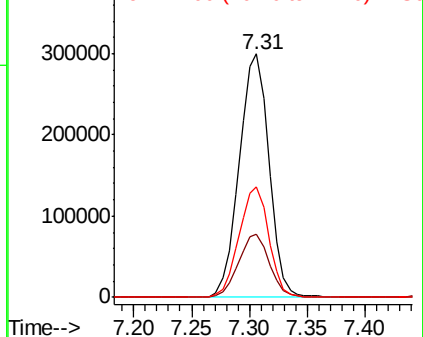
99 100

42 25.7 17.5 26.3

71 45.5 32.0 48.0



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: 39.495 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

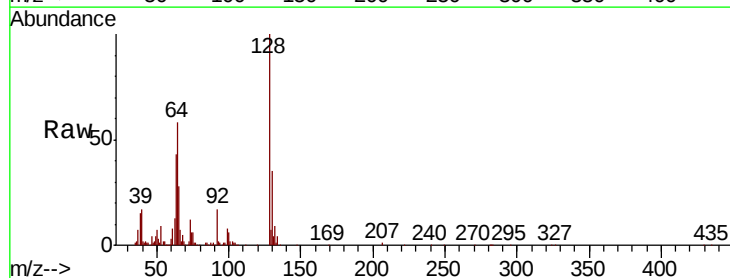
Tgt Ion: 128 Resp: 145154

Ion Ratio Lower Upper

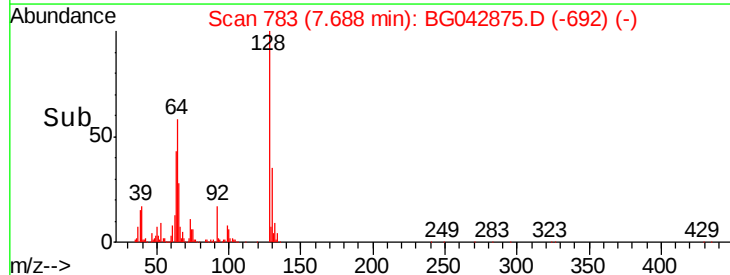
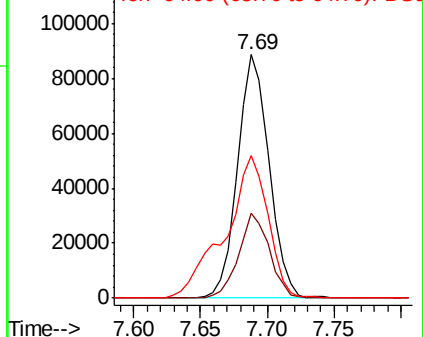
128 100

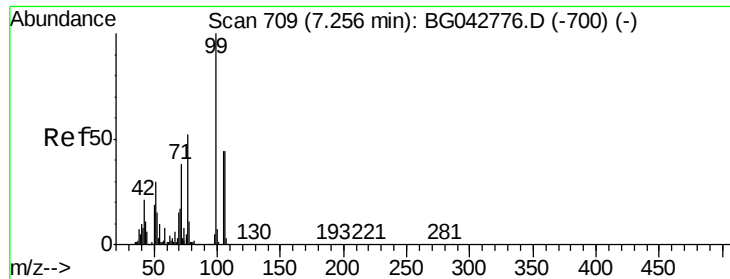
130 35.0 12.8 52.8

64 58.3 36.8 76.8



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: 28.229 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

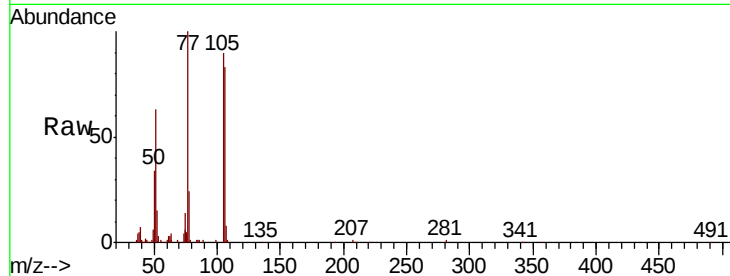
Tot Ion: 77 Resp: 89651

Ion Ratio Lower Upper

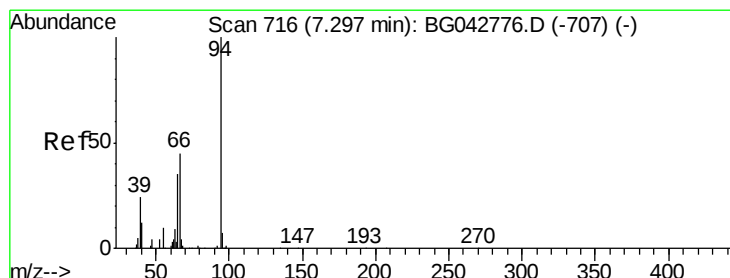
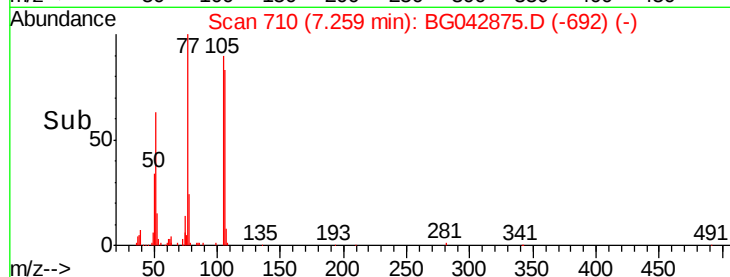
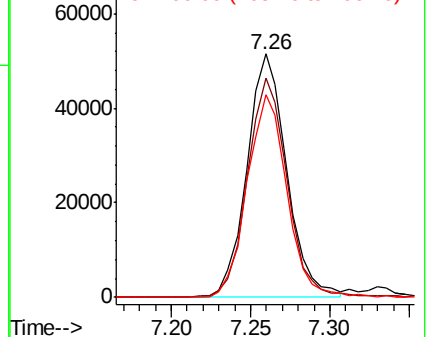
77 100

105 90.3 64.5 104.5

106 83.4 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.614 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

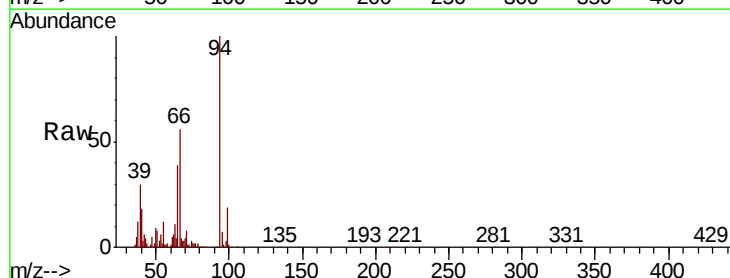
Tgt Ion: 94 Resp: 213277

Ion Ratio Lower Upper

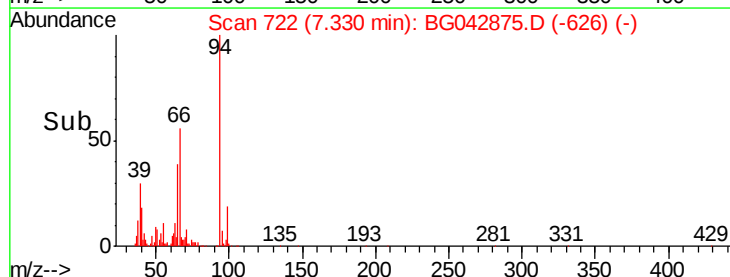
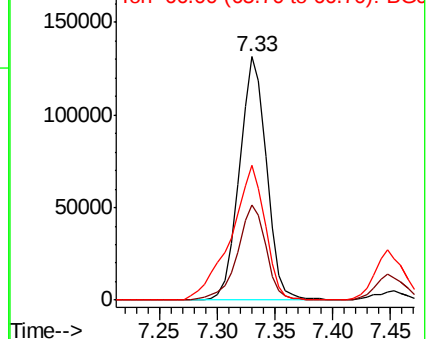
94 100

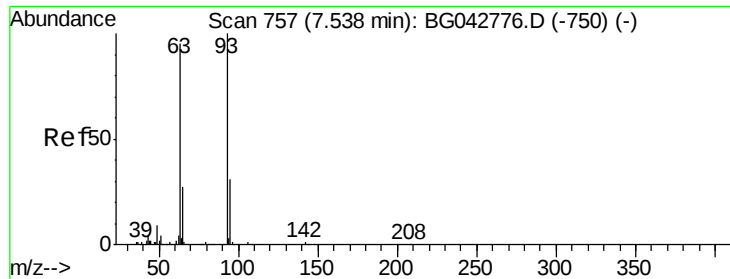
65 39.3 15.0 55.0

66 55.5 26.1 66.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

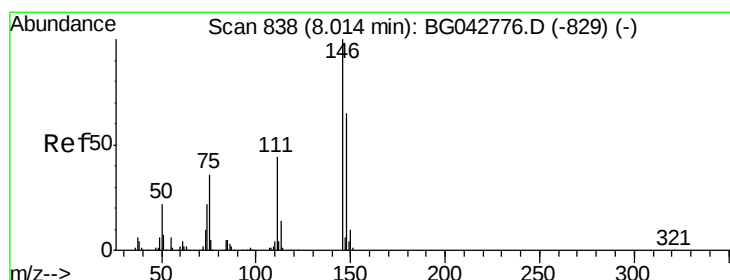
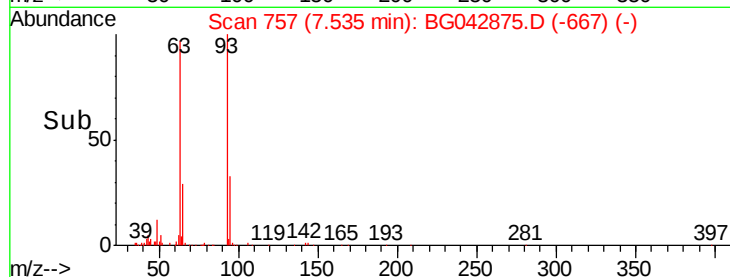
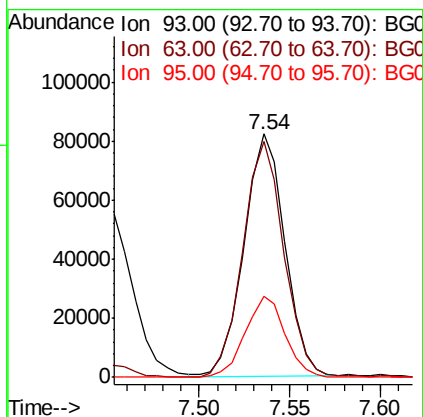
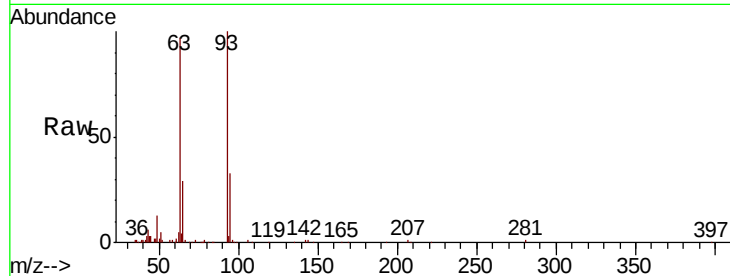




#11
bis(2-Chloroethyl)ether
Concen: 33.461 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

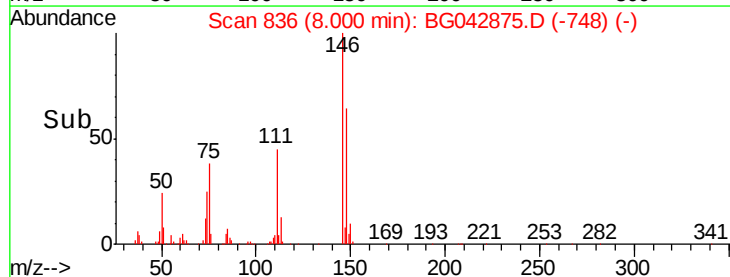
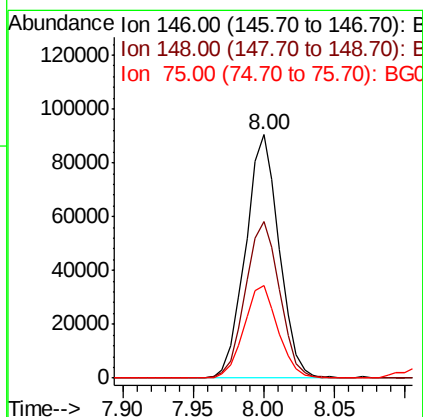
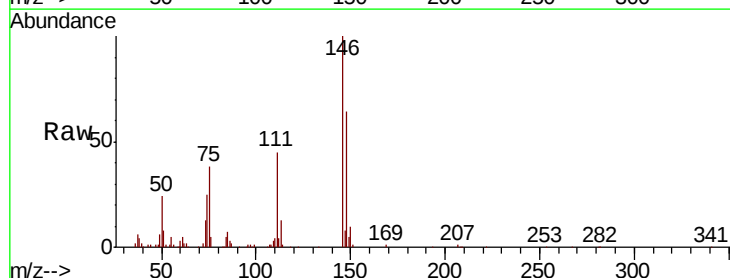
Instrument :
BNA_G
ClientSampled :
SB-12MS

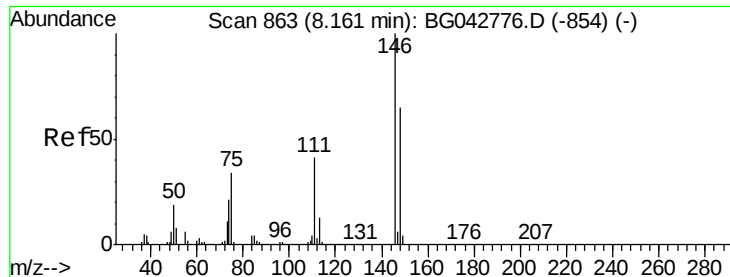
Tot Ion: 93 Resp: 128524
Ion Ratio Lower Upper
93 100
63 96.8 74.7 114.7
95 33.2 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 33.627 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion: 146 Resp: 150743
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 38.1 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 34.661 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

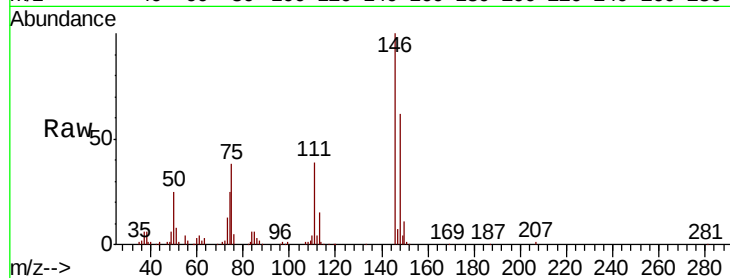
Tot Ion:146 Resp: 155558

Ion Ratio Lower Upper

146 100

148 62.3 52.2 78.4

111 38.7 32.6 49.0

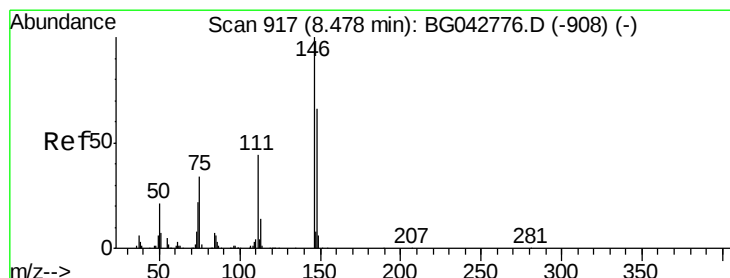
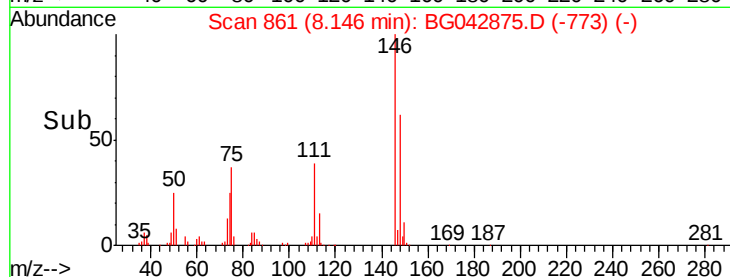
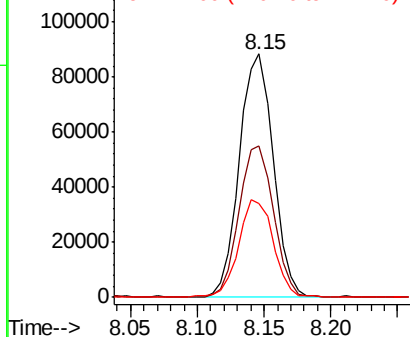


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.338 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

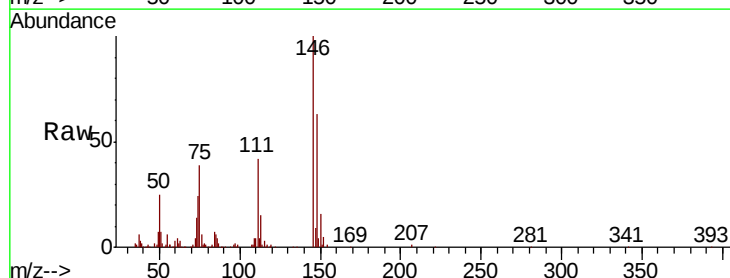
Tgt Ion:146 Resp: 146698

Ion Ratio Lower Upper

146 100

148 63.0 52.6 78.8

111 41.5 35.3 52.9

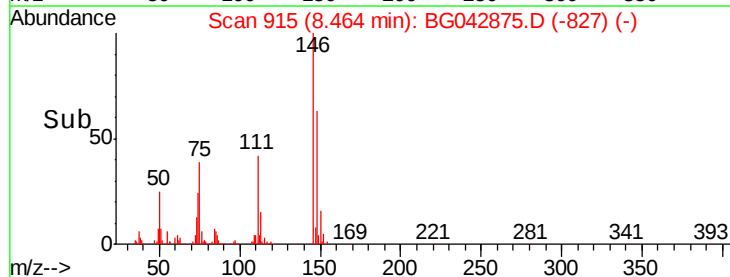
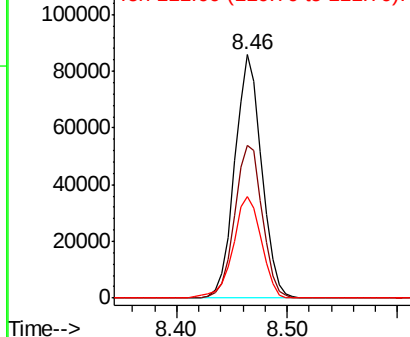


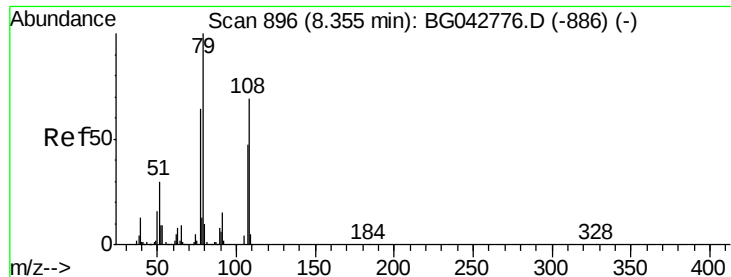
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

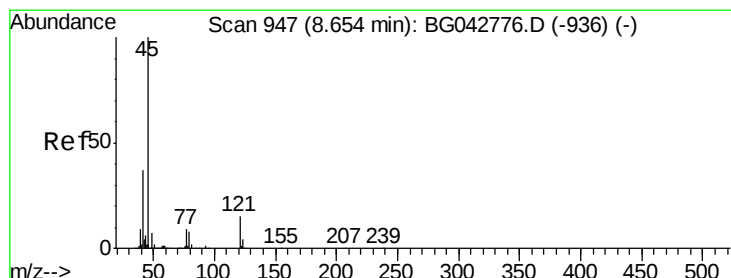
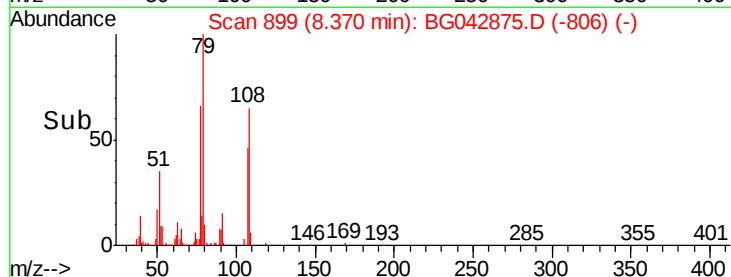
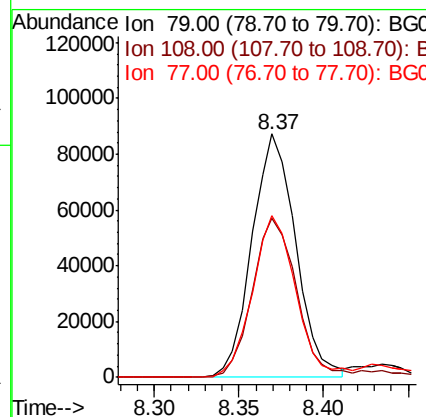
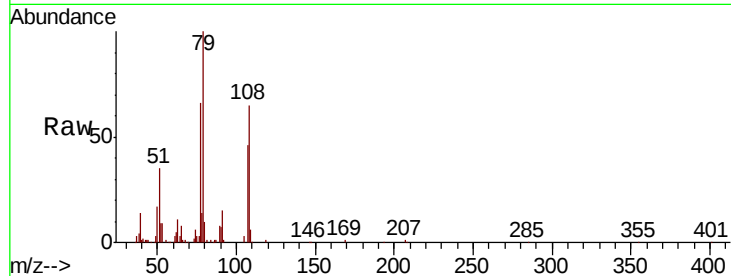




#15
Benzyl Alcohol
Concen: 37.446 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

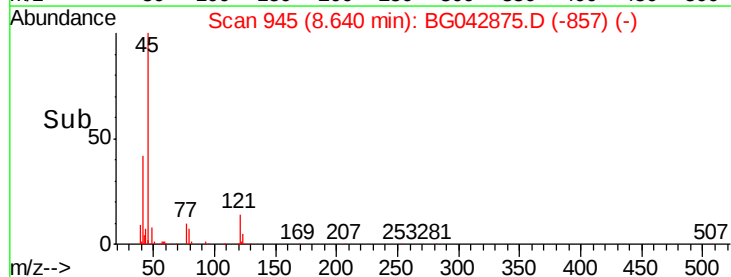
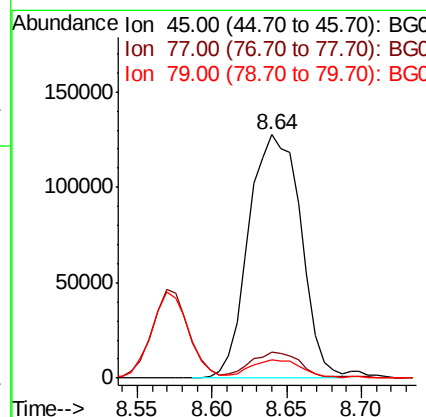
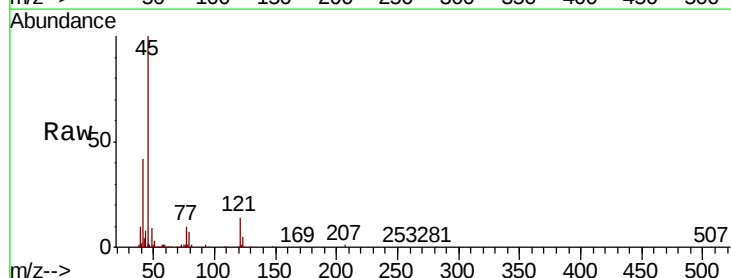
Instrument :
BNA_G
ClientSampled :
SB-12MS

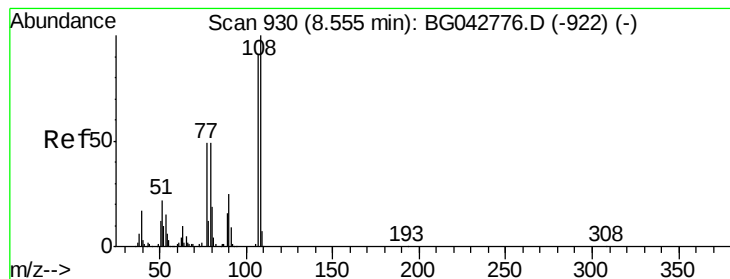
Tot Ion: 79 Resp: 156832
Ion Ratio Lower Upper
79 100
108 65.3 54.9 82.3
77 66.3 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.391 ng
RT: 8.64 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion: 45 Resp: 306959
Ion Ratio Lower Upper
45 100
77 10.5 0.0 29.4
79 7.4 0.0 28.4





#17

2-Methylphenol

Concen: 41.143 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

Tot Ion:107 Resp: 137759

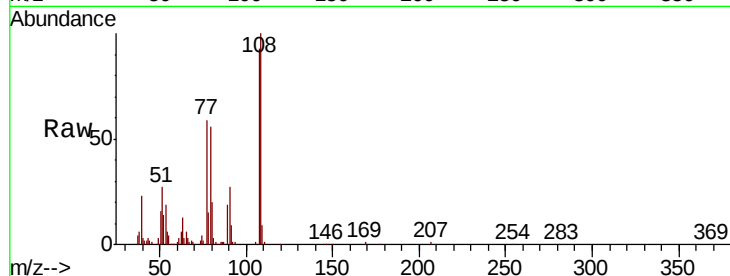
Ion Ratio Lower Upper

107 100

108 107.7 87.7 131.5

77 63.1 42.6 64.0

79 60.8 43.4 65.2

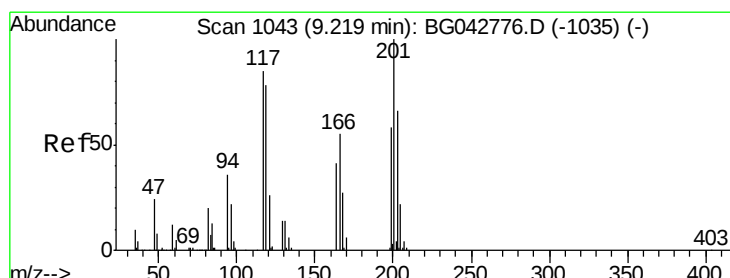
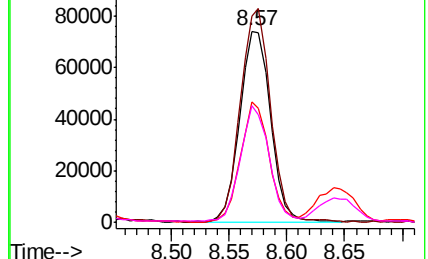
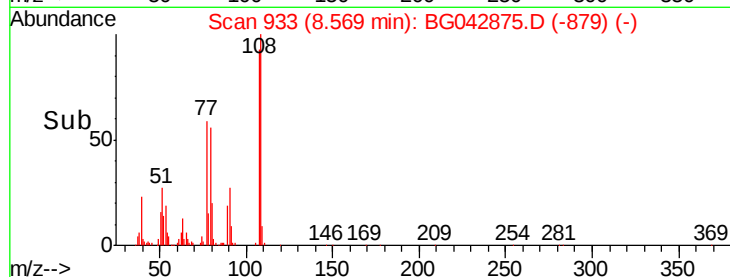


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.356 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

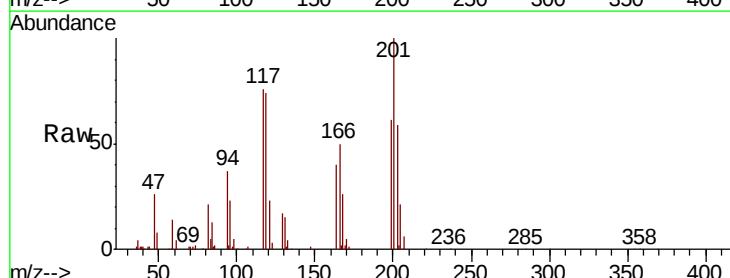
Tgt Ion:117 Resp: 56925

Ion Ratio Lower Upper

117 100

119 96.2 73.8 110.8

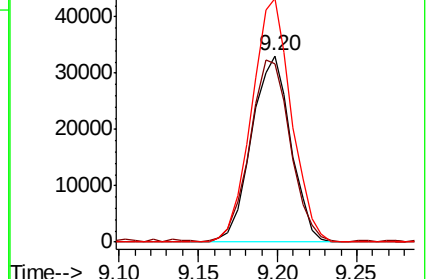
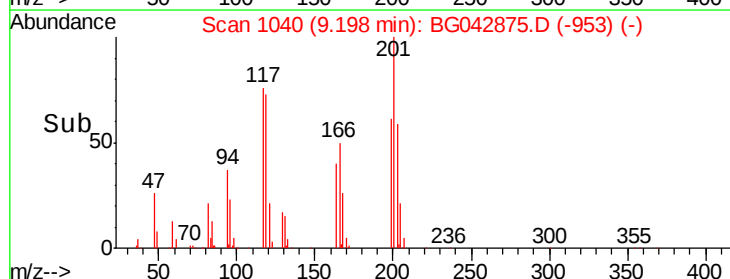
201 130.9 94.6 142.0

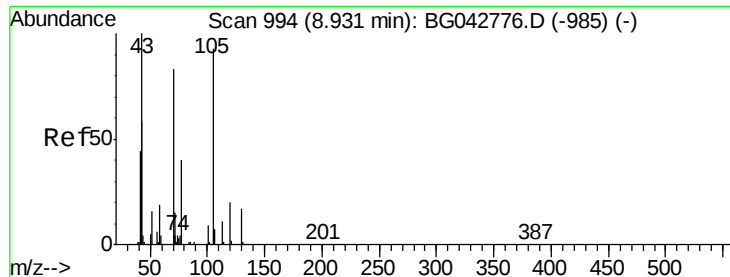


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

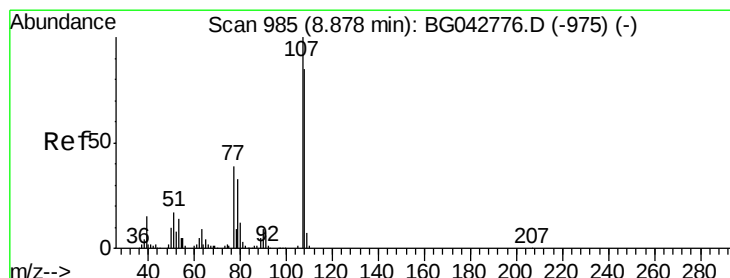
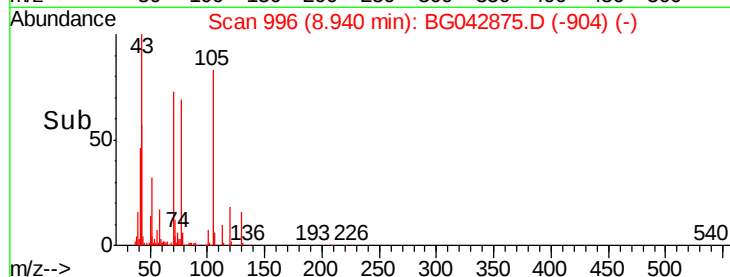
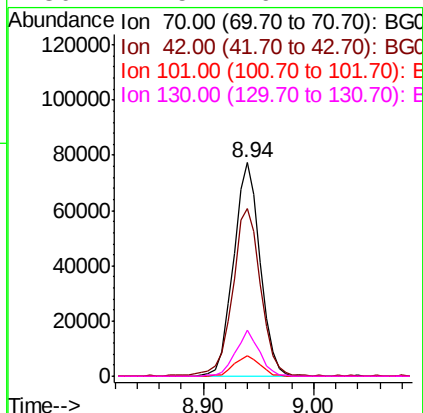
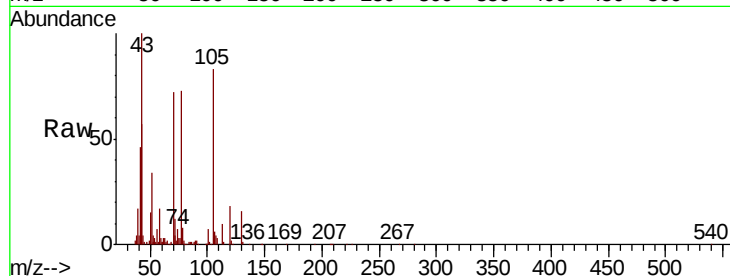




#19
n-Nitroso-di-n-propylamine
Concen: 36.385 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

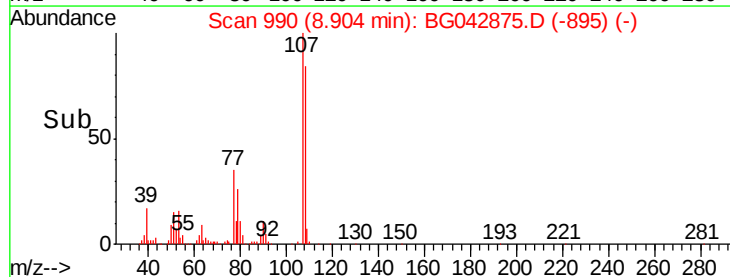
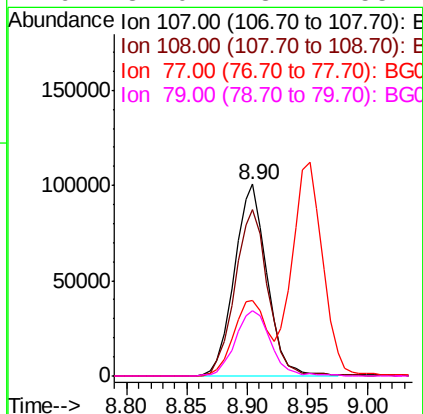
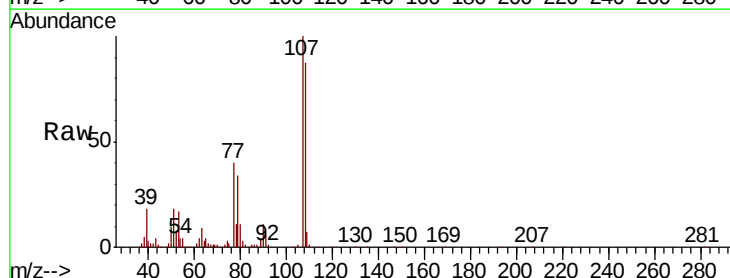
Instrument :
BNA_G
ClientSampleId :
SB-12MS

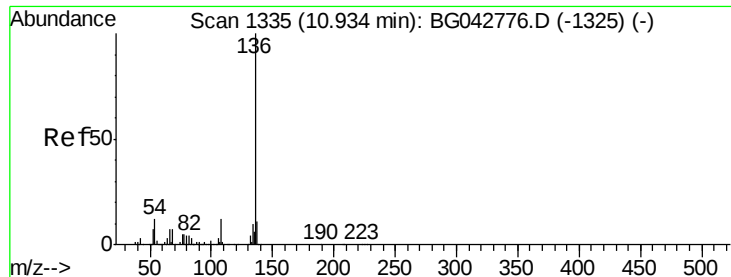
Tot Ion:	70	Resp:	130843
Ion	Ratio	Lower	Upper
70	100		
42	78.6	57.0	85.6
101	9.7	8.4	12.6
130	21.5	16.1	24.1



#20
3+4-Methylphenols
Concen: 40.900 ng
RT: 8.90 min Scan# 990
Delta R.T. 0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:	107	Resp:	188776
Ion	Ratio	Lower	Upper
107	100		
108	87.1	65.4	105.4
77	39.7	18.7	58.7
79	34.0	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

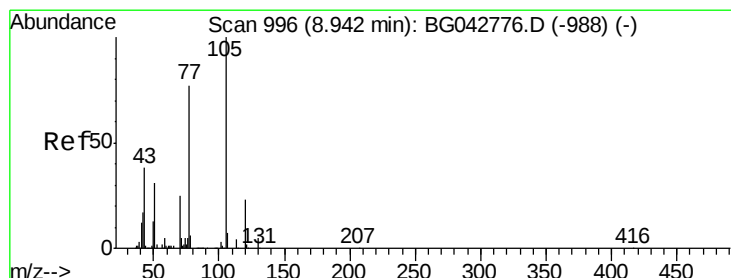
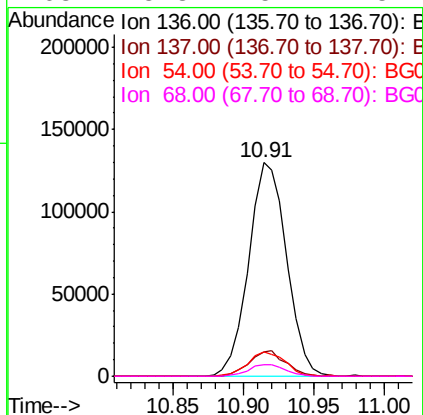
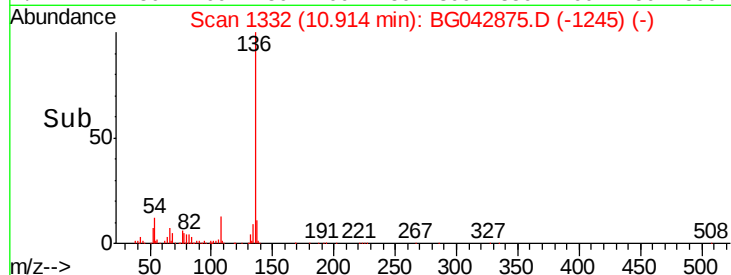
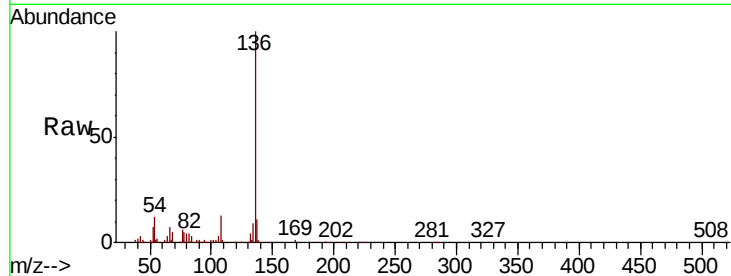
Instrument :

BNA_G

ClientSampleId :

SB-12MS

Tot Ion:136	Resp:	244713
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.0 13.6
54	11.7	9.4 14.0
68	5.3	5.4 8.2#



#22

Acetophenone

Concen: 36.745 ng

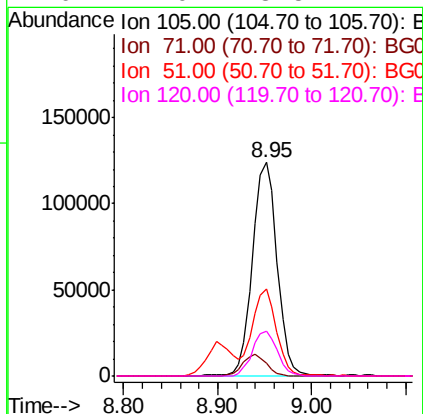
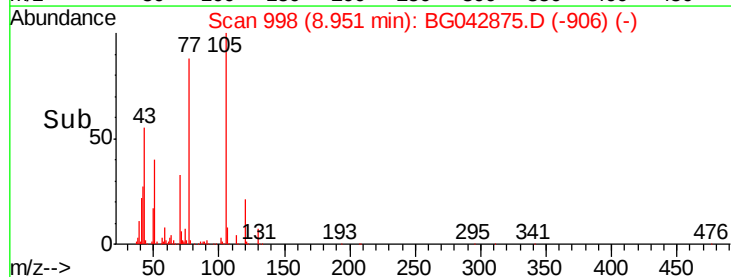
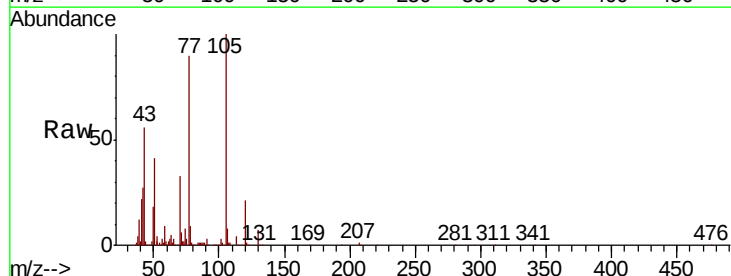
RT: 8.95 min Scan# 998

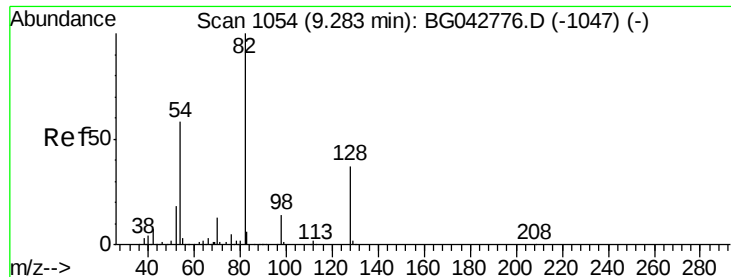
Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:105	Resp:	227095
Ion	Ratio	Lower Upper
105	100	
71	6.0	3.7 5.5#
51	40.7	28.8 43.2
120	21.0	18.5 27.7

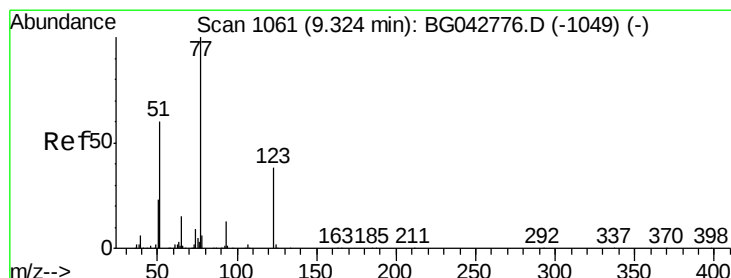
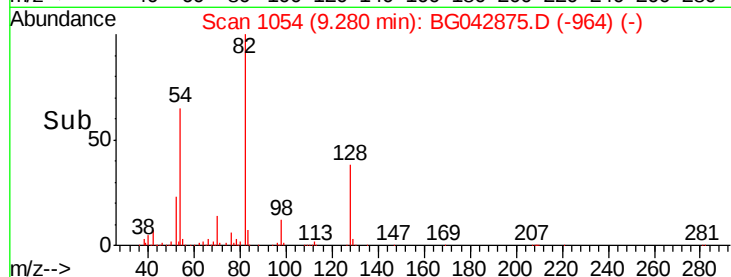
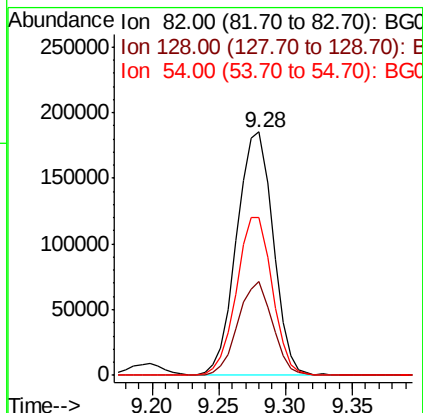
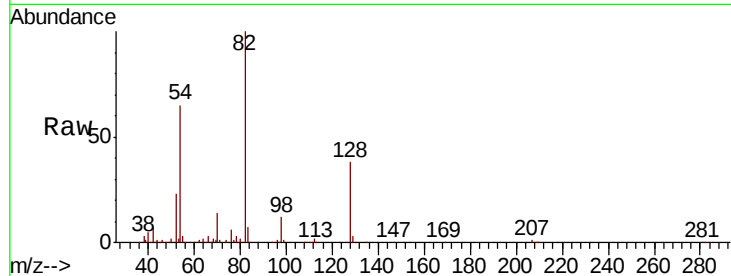




#23
 Nitrobenzene-d5
 Concen: 74.493 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

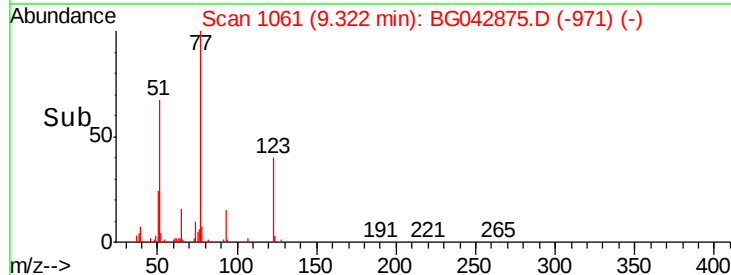
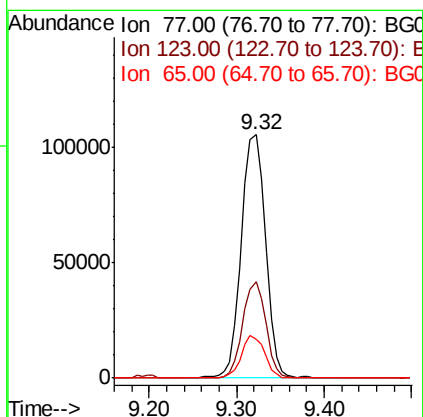
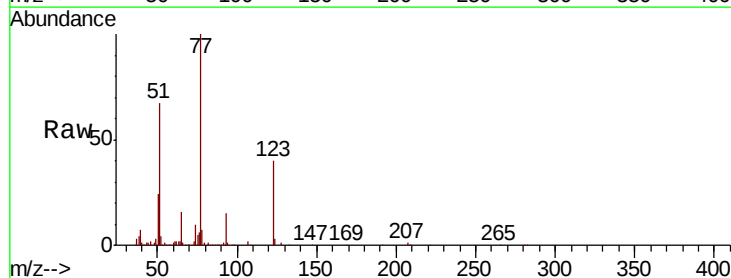
Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

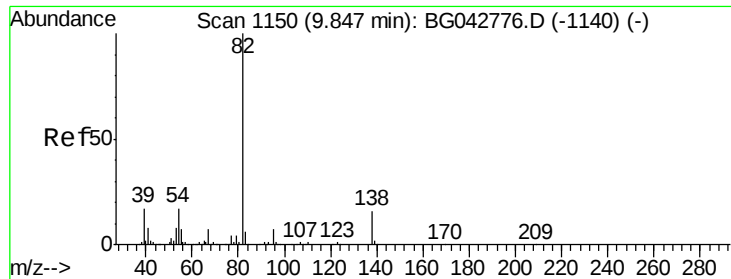
Tot Ion	82	Resp	350144
Ion Ratio	Lower	Upper	
82	100		
128	38.4	29.8	44.8
54	64.8	46.1	69.1



#24
 Nitrobenzene
 Concen: 40.146 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	77	Resp	198067
Ion Ratio	Lower	Upper	
77	100		
123	39.6	30.7	46.1
65	16.0	12.2	18.4





#25

Isophorone

Concen: 36.826 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

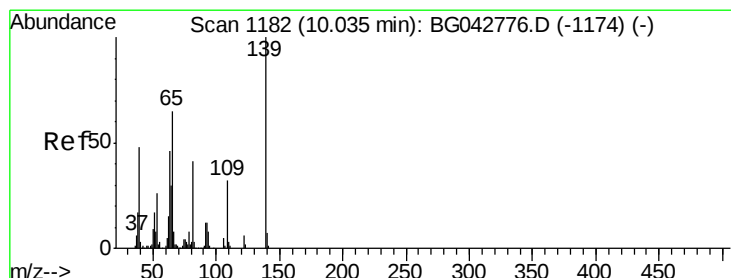
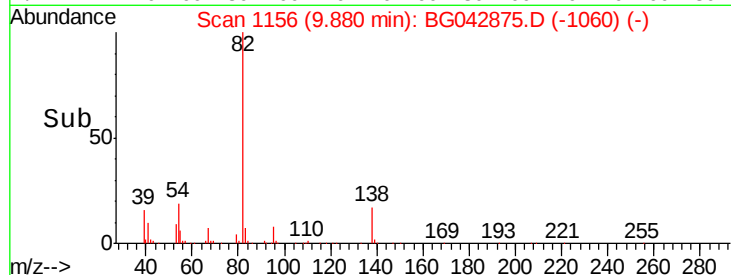
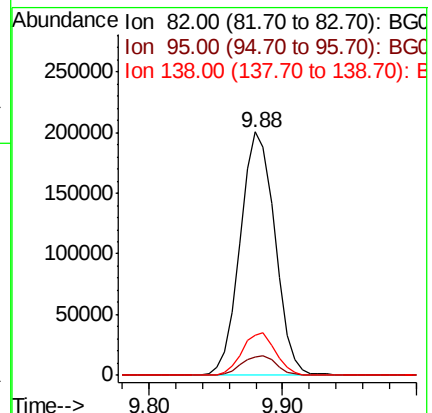
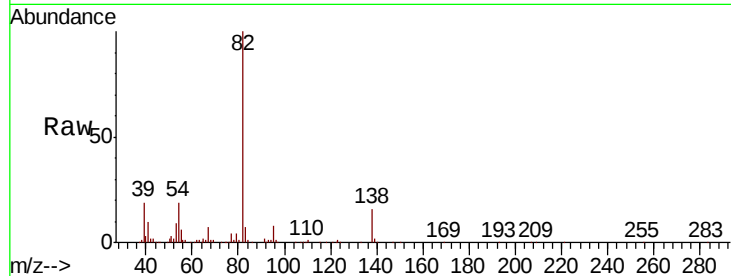
Tot Ion: 82 Resp: 360805

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.8

138 16.4 12.9 19.3



#26

2-Nitrophenol

Concen: 44.918 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

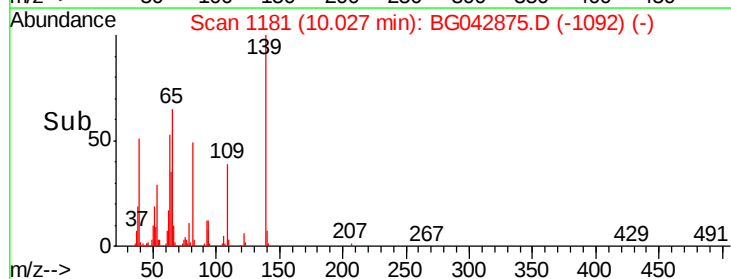
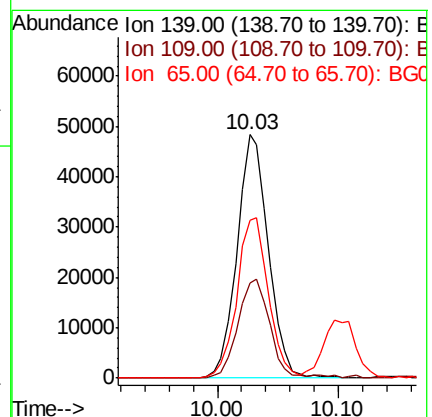
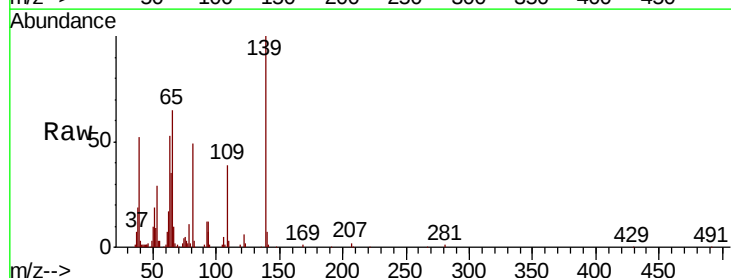
Tgt Ion: 139 Resp: 87144

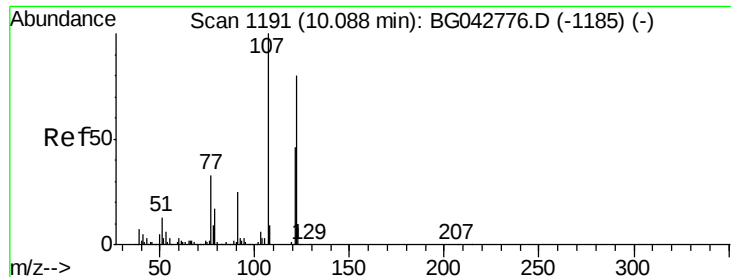
Ion Ratio Lower Upper

139 100

109 38.8 25.8 38.8#

65 64.6 52.2 78.2

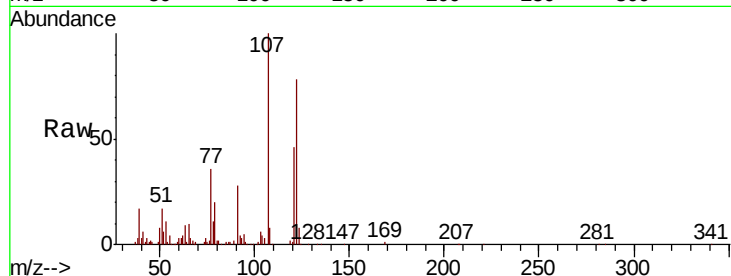




#27
2,4-Dimethylphenol
Concen: 44.383 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.0	98.9	148.3
121	59.5	46.2	69.2

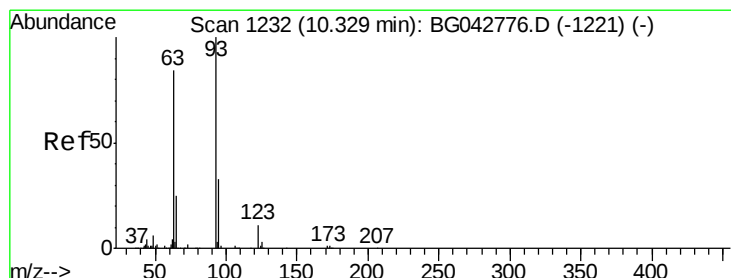
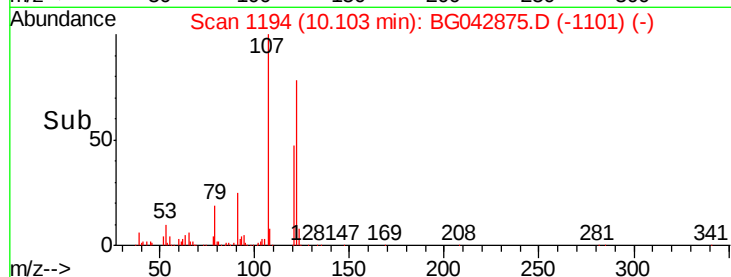
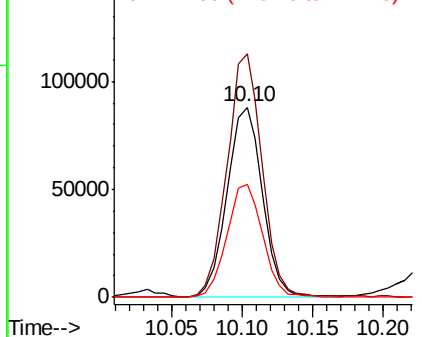


Abundance

Ion 122.00 (121.70 to 122.70): E

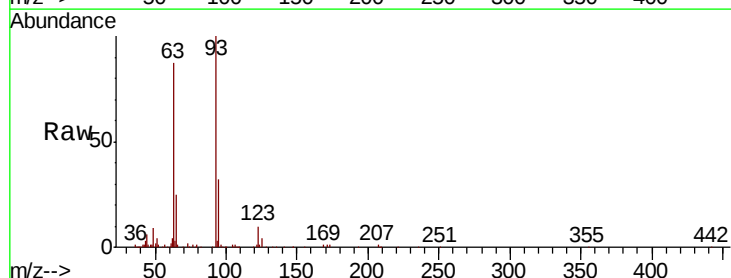
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 35.630 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	40.0
123	10.5	9.0	13.6

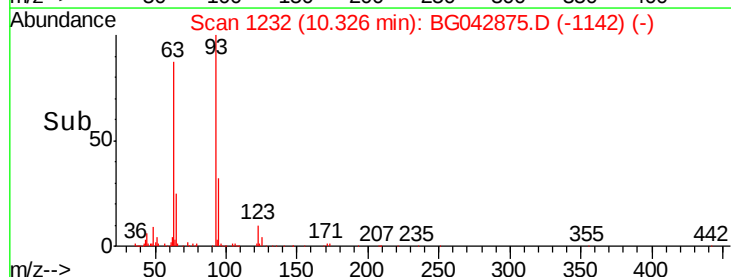
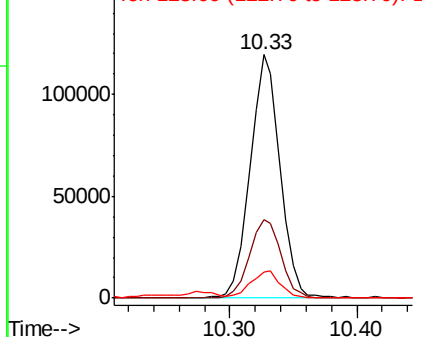


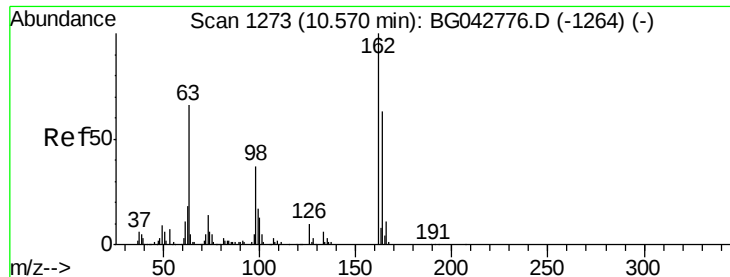
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

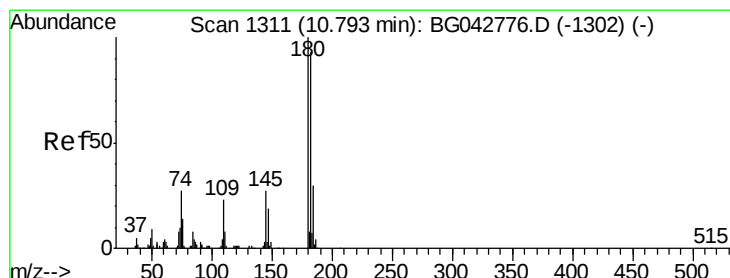
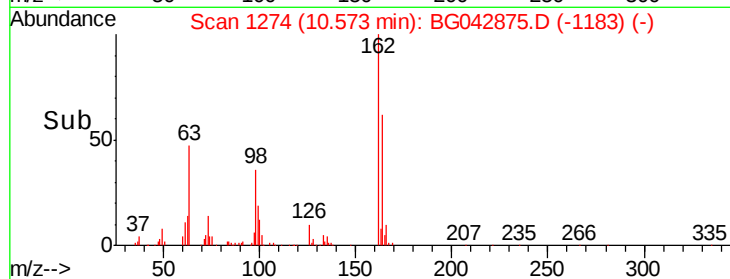
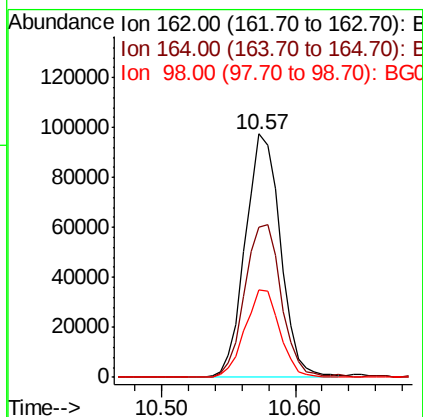
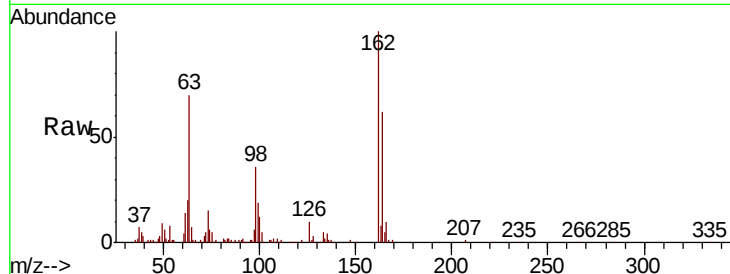




#29
 2,4-Dichlorophenol
 Concen: 44.303 ng
 RT: 10.57 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

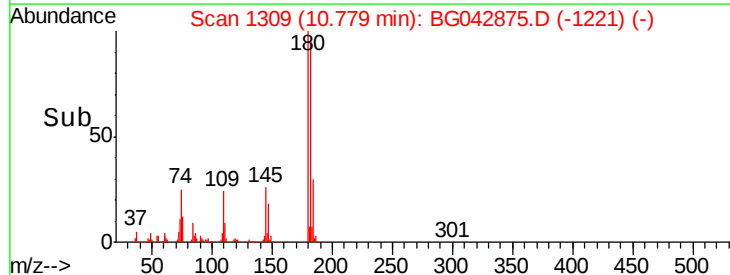
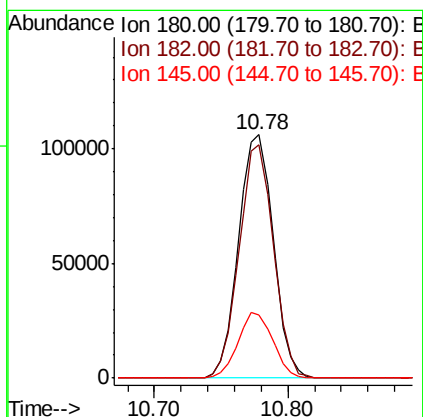
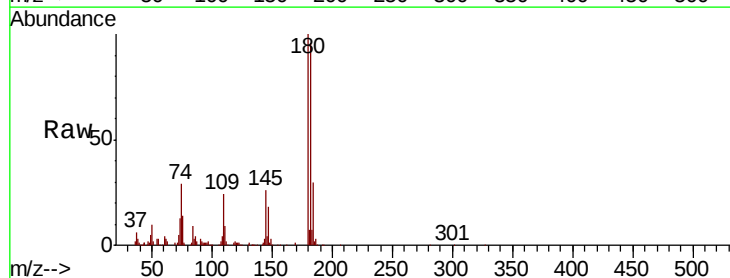
Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

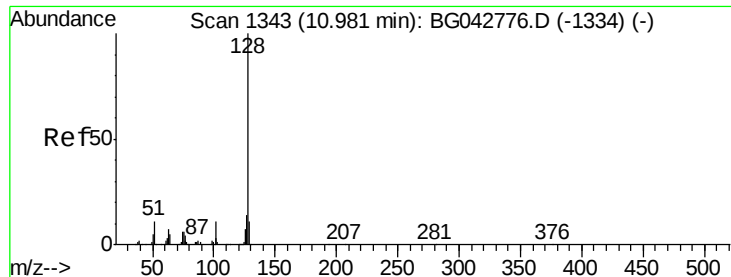
Tot Ion:162 Resp: 176682
 Ion Ratio Lower Upper
 162 100
 164 61.9 43.4 83.4
 98 35.8 17.0 57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.246 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion:180 Resp: 191091
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.6 112.0
 145 26.0 21.8 32.6

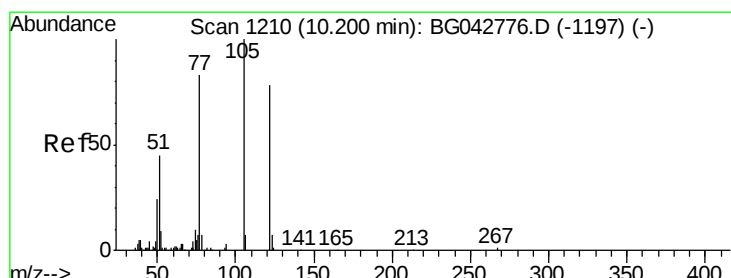
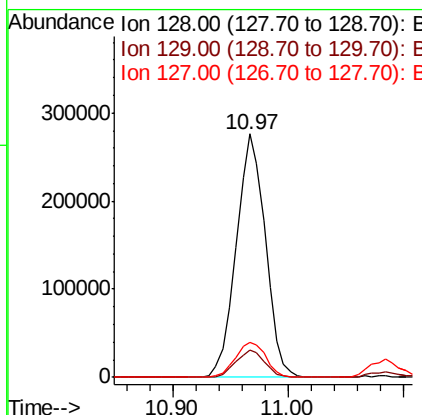
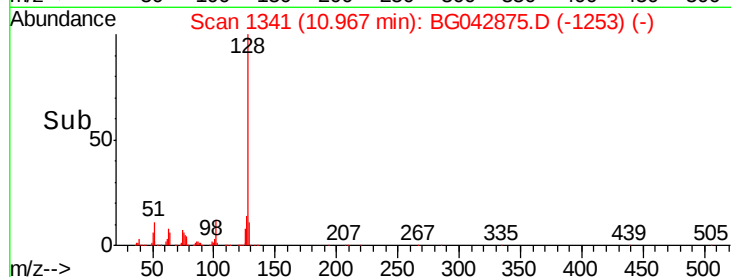
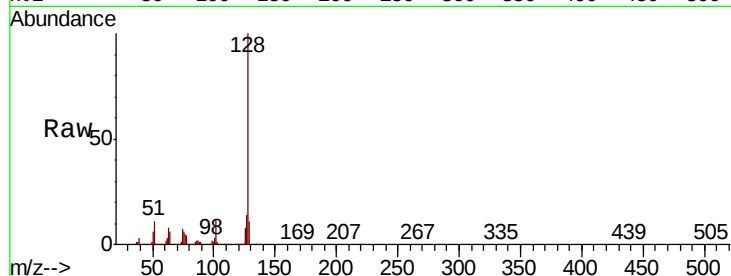




#31
Naphthalene
Concen: 39.872 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

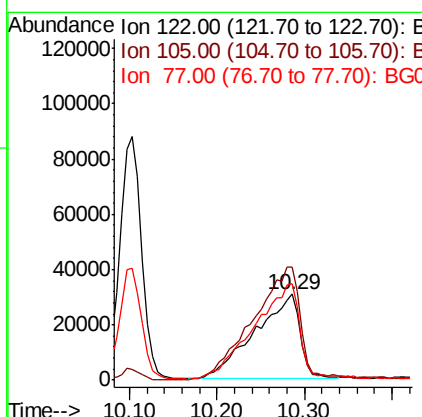
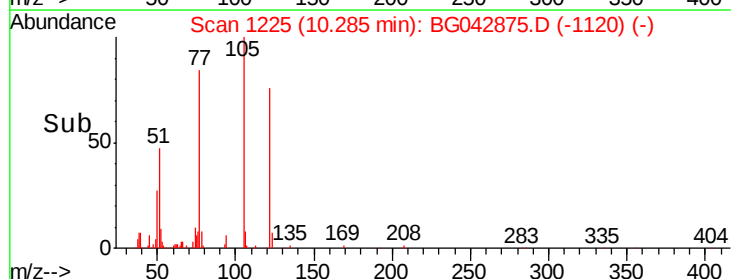
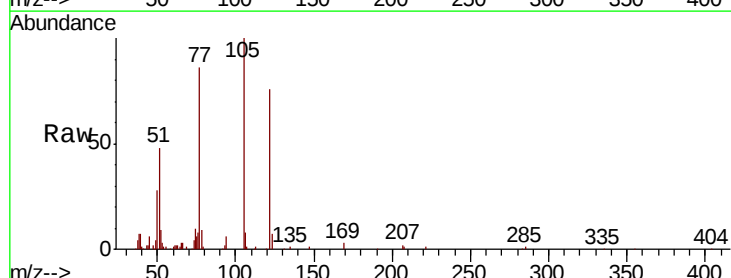
Instrument :
BNA_G
ClientSampleId :
SB-12MS

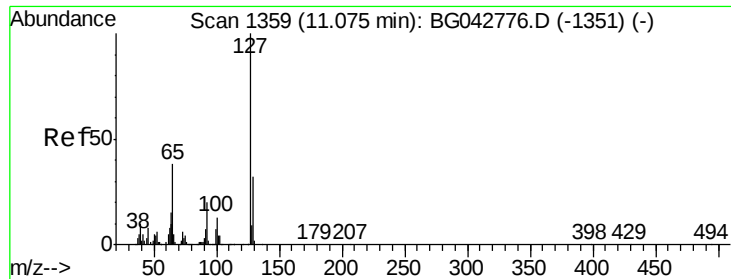
Tot Ion:128 Resp: 481749
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.2 11.4 17.2



#32
Benzoic acid
Concen: 40.393 ng
RT: 10.29 min Scan# 1225
Delta R.T. 0.09 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:122 Resp: 109126
Ion Ratio Lower Upper
122 100
105 131.0 104.0 144.0
77 112.4 84.2 124.2

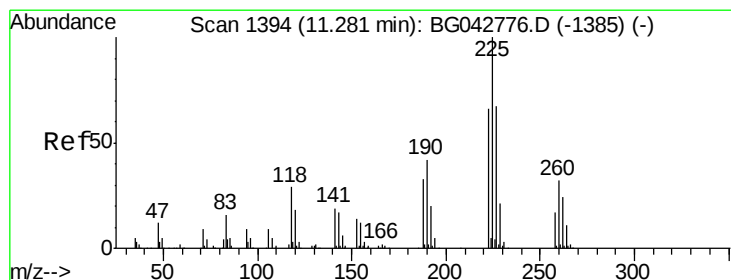
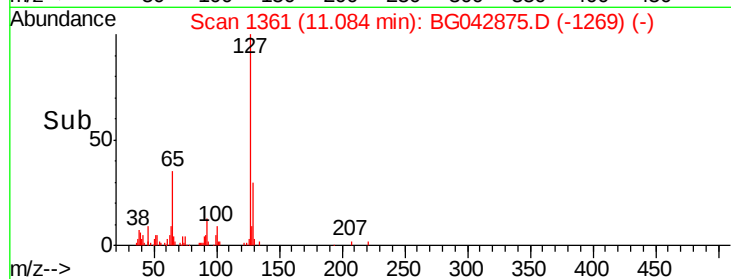
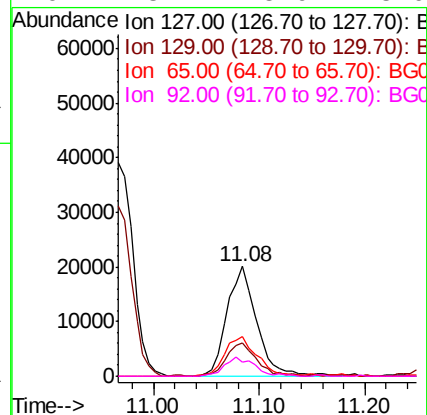
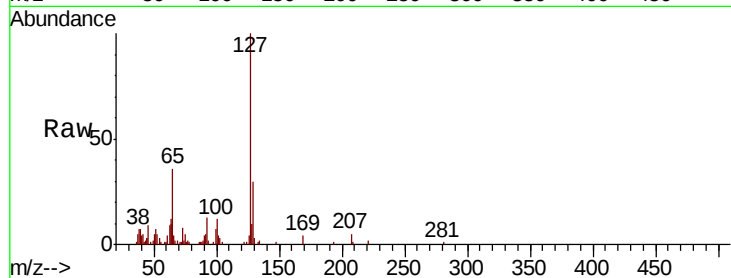




#33
4-Chloroaniline
Concen: 6.997 ng
RT: 11.08 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

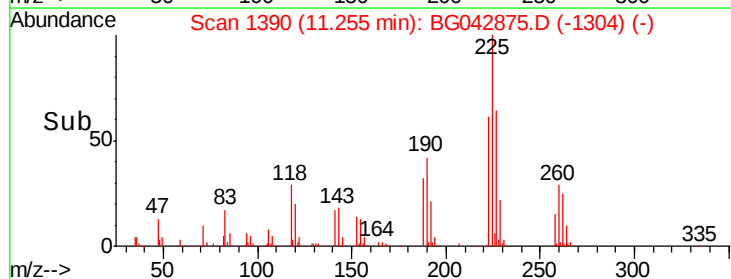
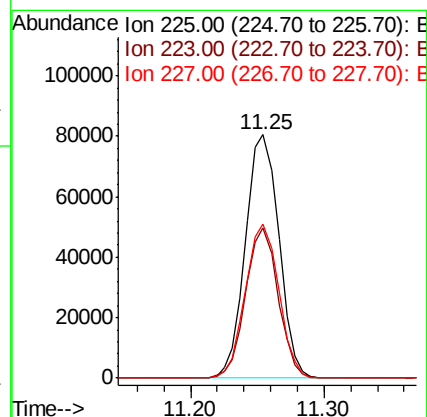
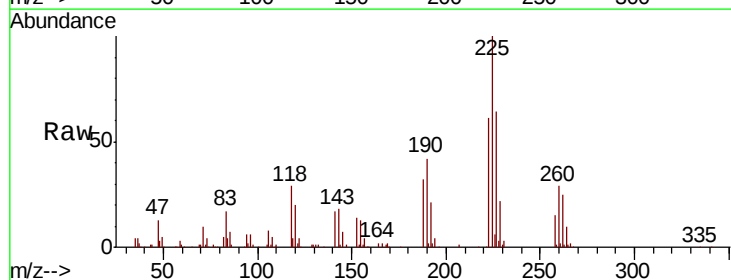
Instrument :
BNA_G
ClientSampled :
SB-12MS

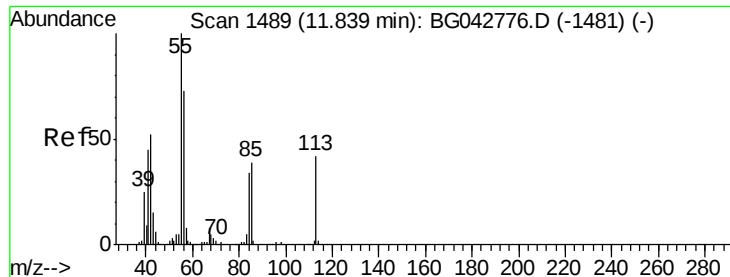
Tot Ion:	127	Resp:	39515
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.8	38.6
65	36.0	30.5	45.7
92	13.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.803 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:	225	Resp:	139195
Ion	Ratio	Lower	Upper
225	100		
223	61.4	52.6	79.0
227	63.5	53.6	80.4





#35

Caprolactam

Concen: 19.371 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.13 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

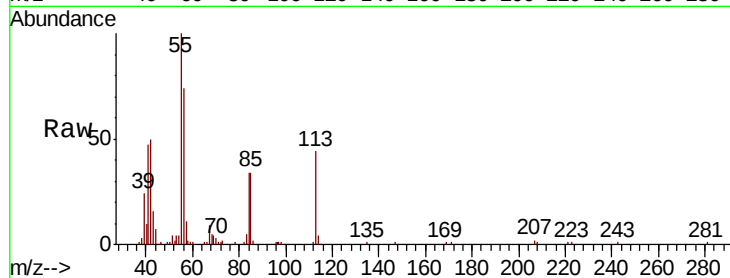
Tot Ion:113 Resp: 28728

Ion Ratio Lower Upper

113 100

55 229.3 218.4 258.4

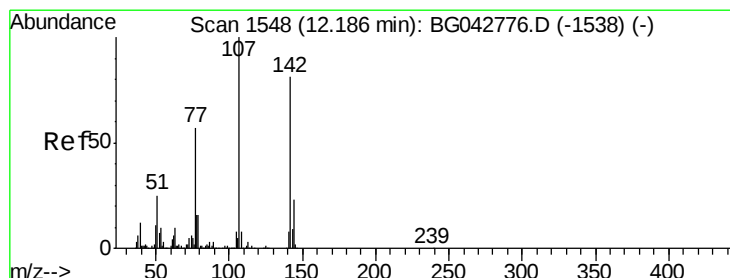
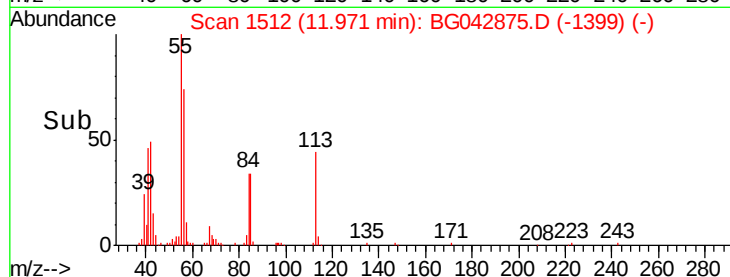
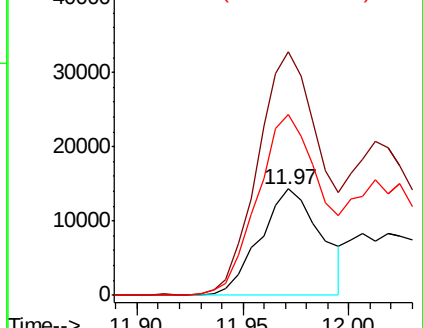
56 170.2 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.237 ng

RT: 12.21 min Scan# 1553

Delta R.T. 0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

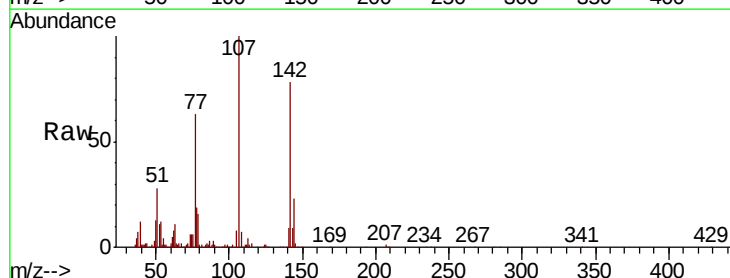
Tgt Ion:107 Resp: 195880

Ion Ratio Lower Upper

107 100

144 23.1 18.7 28.1

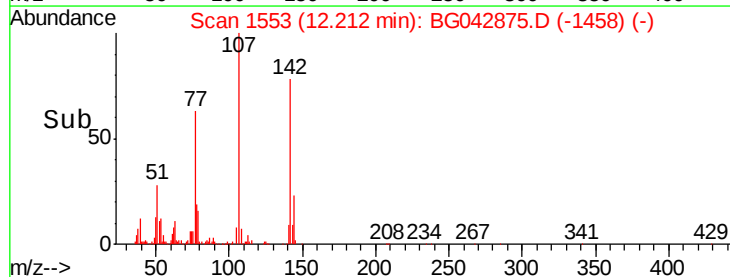
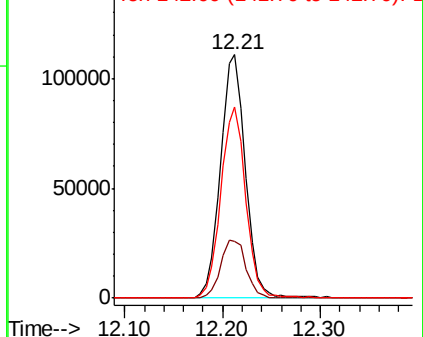
142 78.3 65.0 97.4

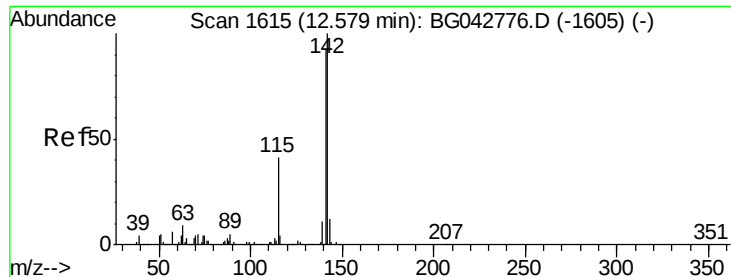


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

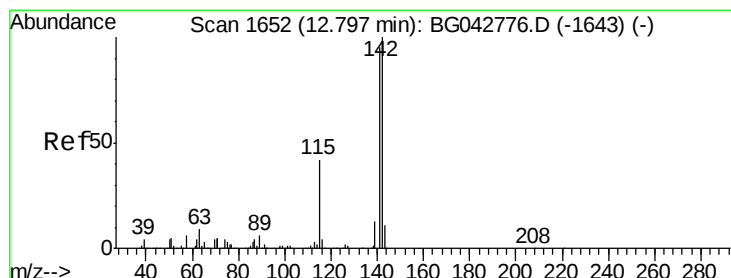
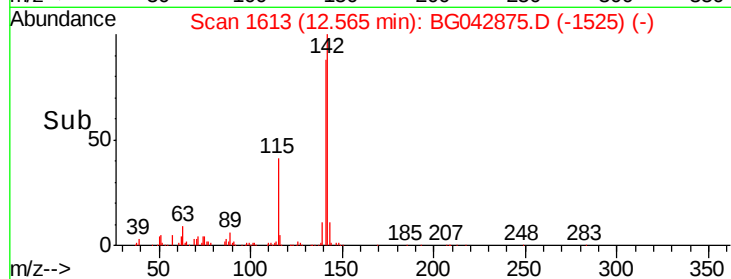
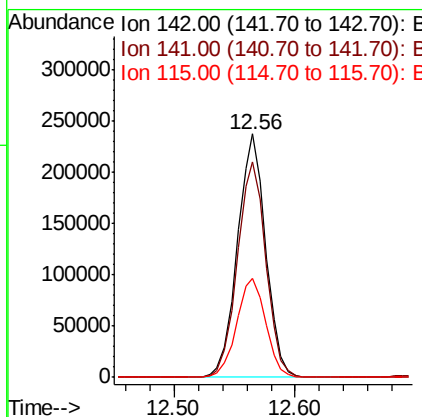
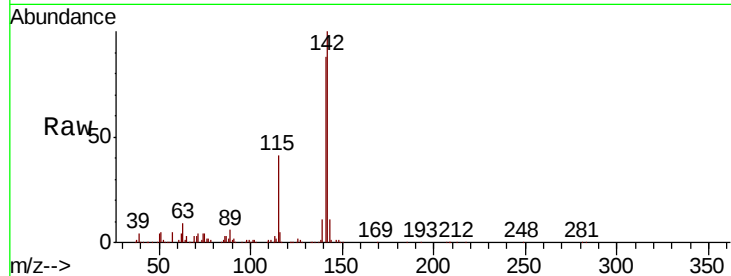




#37
2-Methylnaphthalene
Concen: 42.541 ng
RT: 12.56 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

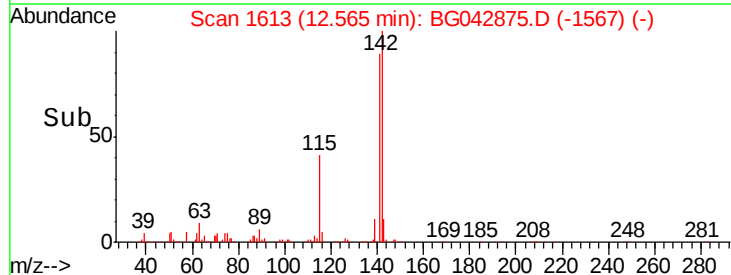
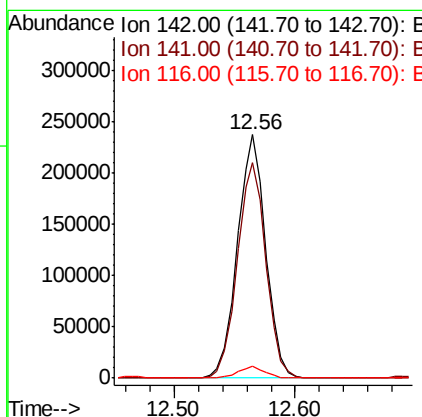
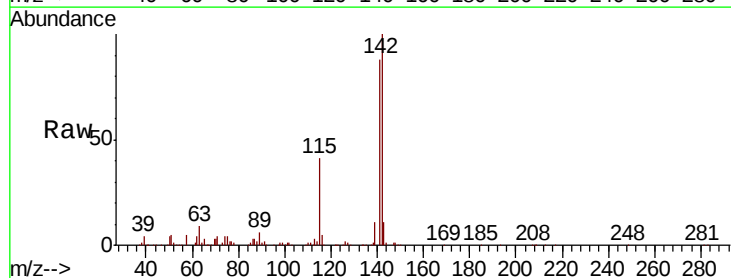
Instrument :
BNA_G
ClientSampleId :
SB-12MS

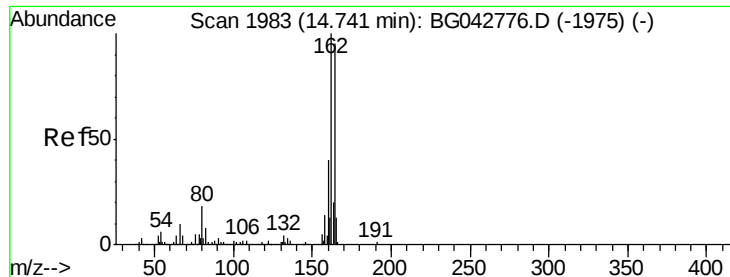
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.8	110.8
115	40.8	33.0	49.4



#38
1-Methylnaphthalene
Concen: 45.357 ng
RT: 12.56 min Scan# 1613
Delta R.T. -0.23 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	76.3	114.5
116	4.7	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

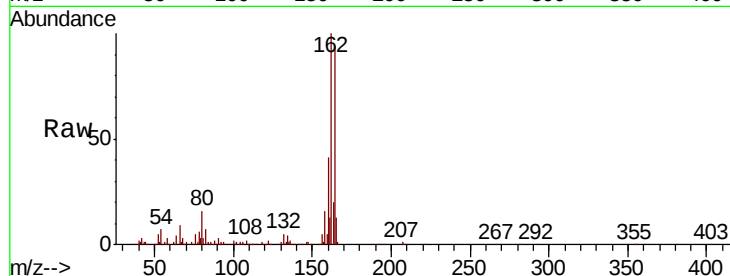
Tot Ion:164 Resp: 201274

Ion Ratio Lower Upper

164 100

162 106.6 84.6 126.8

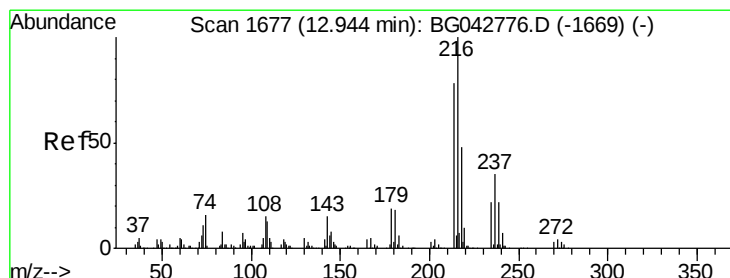
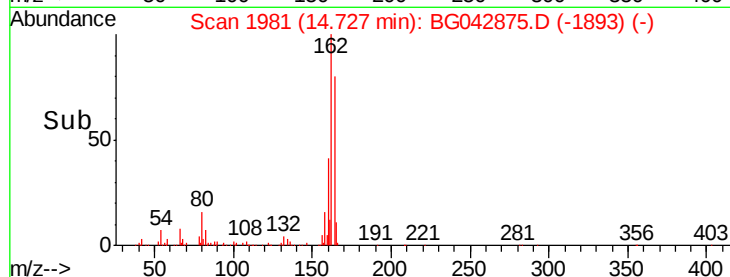
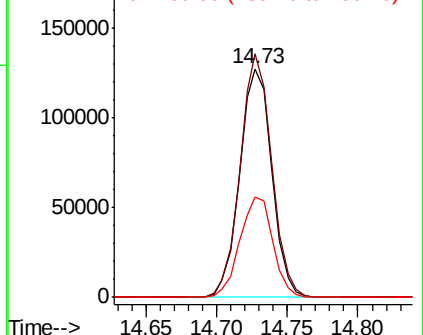
160 44.2 34.2 51.2



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: 39.696 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:216 Resp: 264017

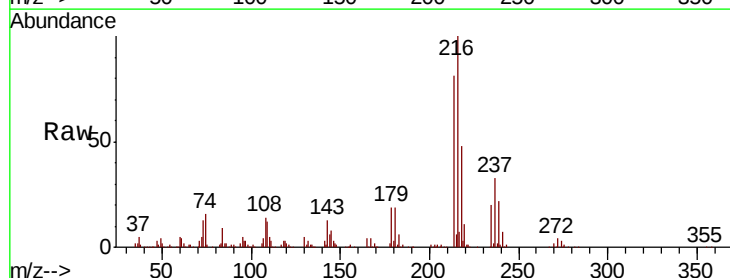
Ion Ratio Lower Upper

216 100

214 78.9 62.8 94.2

179 19.5 15.3 22.9

108 17.7 12.9 19.3

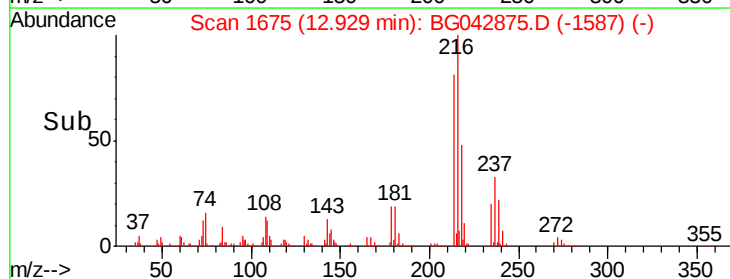
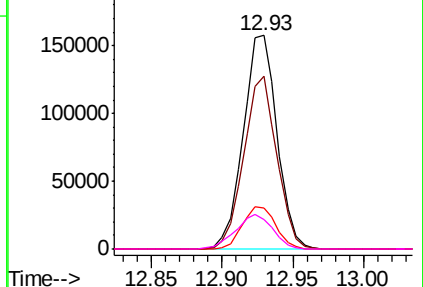


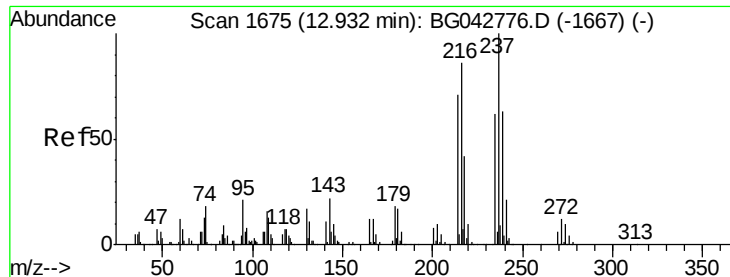
Abundance Ion 216.00 (215.70 to 216.70): E

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

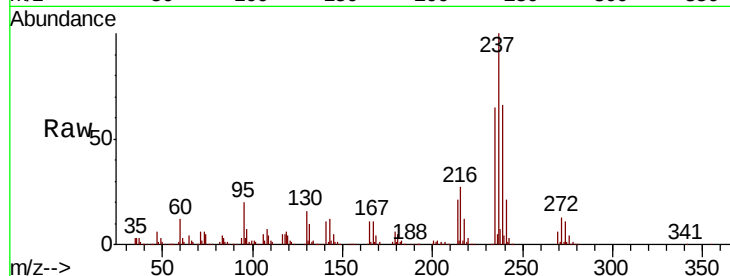




#41
Hexachlorocyclopentadiene
Concen: 93.934 ng
RT: 12.91 min Scan# 1672
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.5	41.9	81.9
272	12.7	0.0	31.6

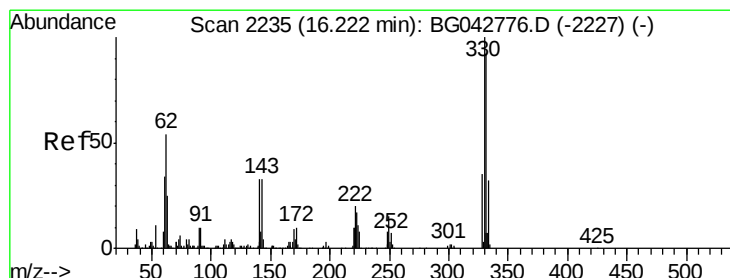
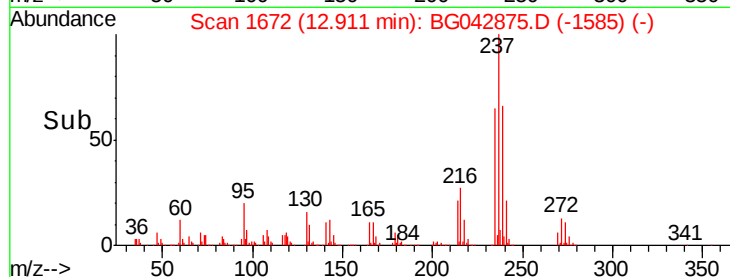
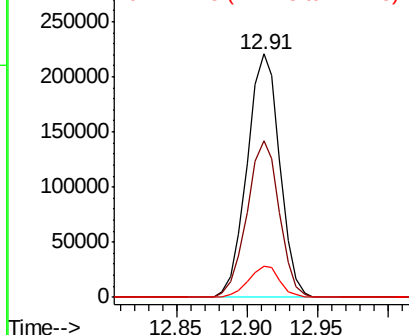


Abundance

Ion 236.80 (236.50 to 237.50): E

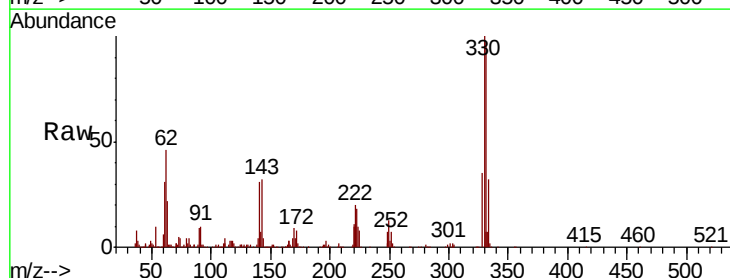
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 121.500 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	33.3	27.0	40.6

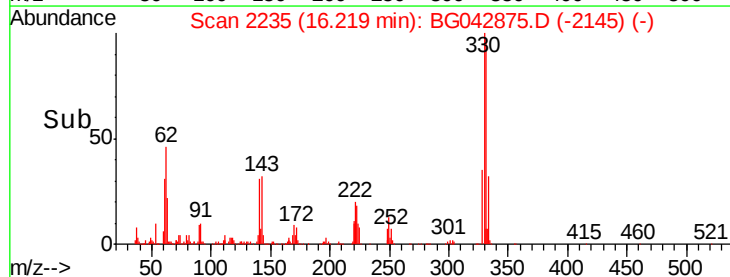
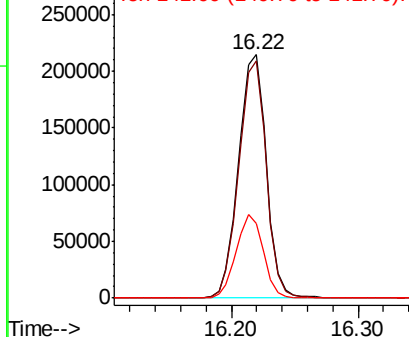


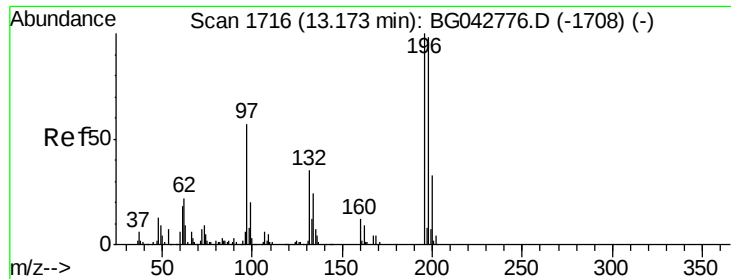
Abundance

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

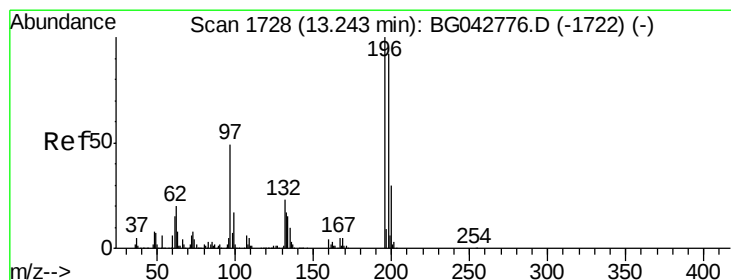
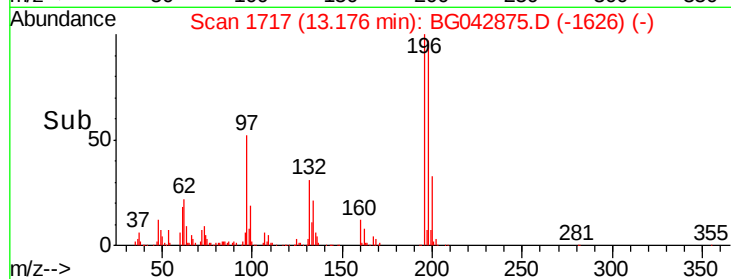
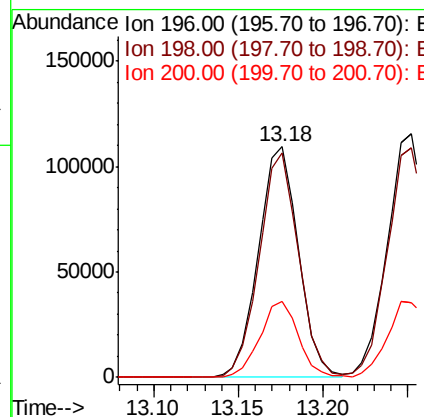
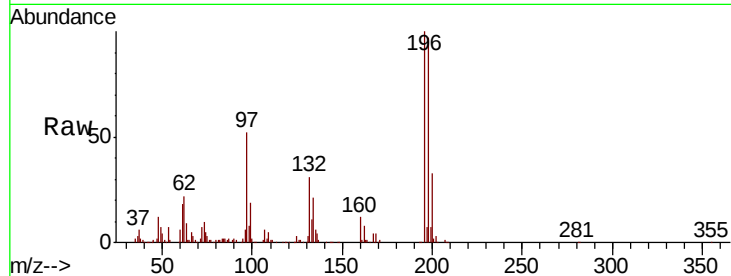




#43
 2,4,6-Trichlorophenol
 Concen: 40.731 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

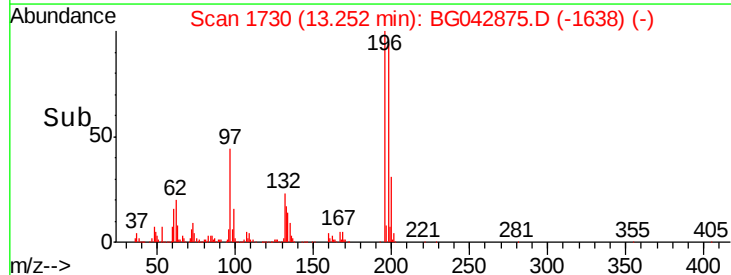
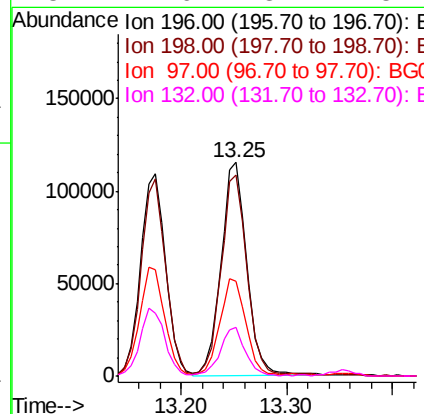
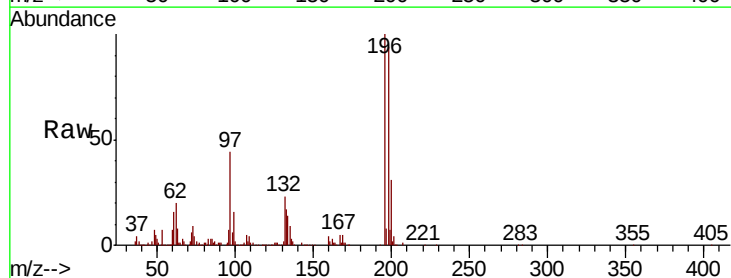
Instrument :
 BNA_G
 ClientSampled :
 SB-12MS

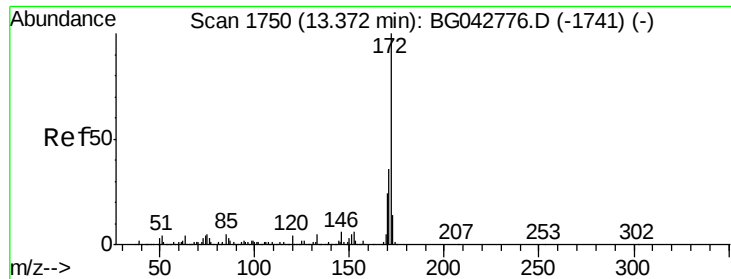
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.8	118.2
200	32.8	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.394 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	73.4	110.0
97	44.2	39.2	58.8
132	22.6	18.7	28.1

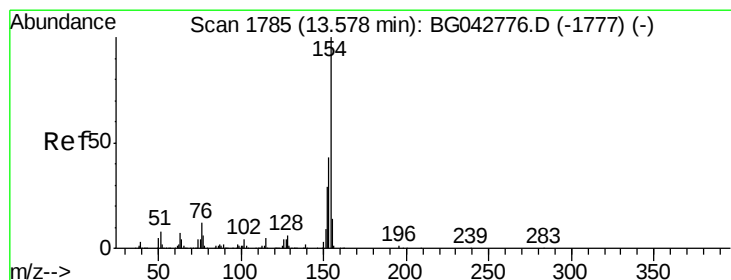
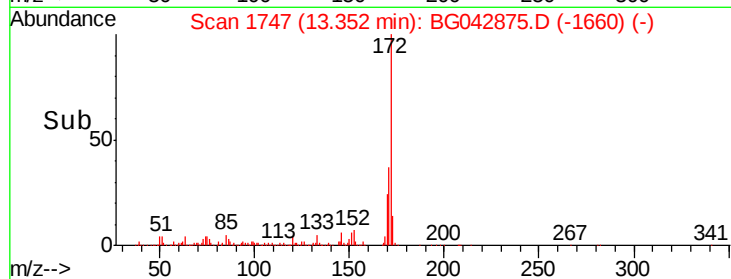
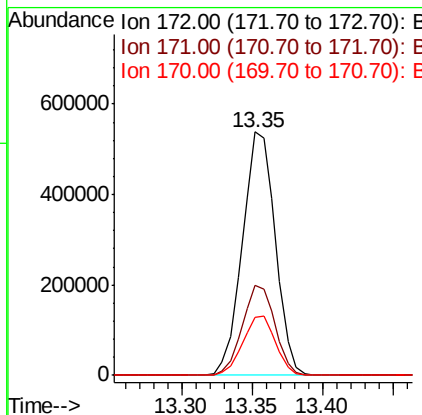
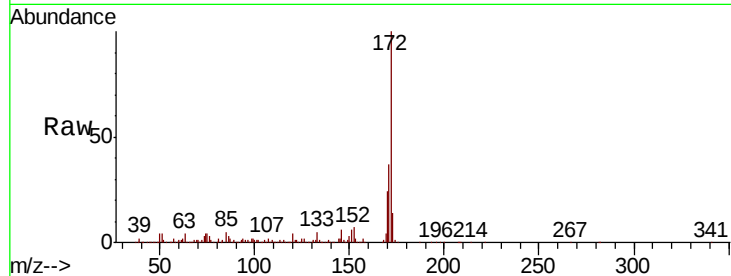




#45
2-Fluorobiphenyl
Concen: 69.222 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

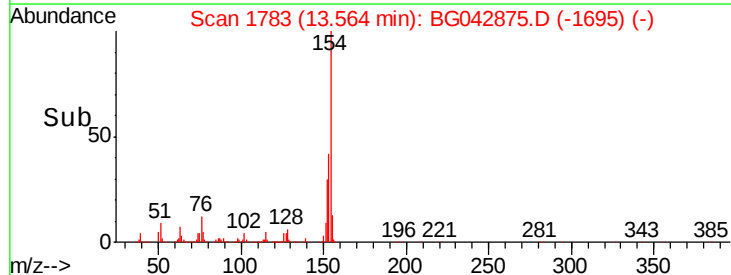
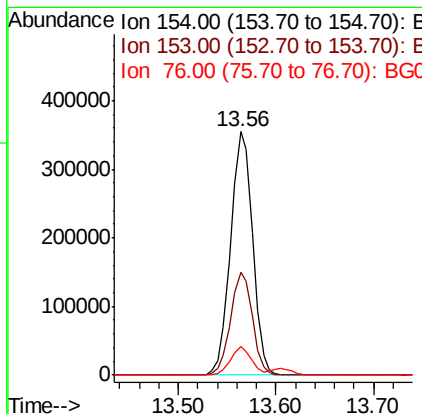
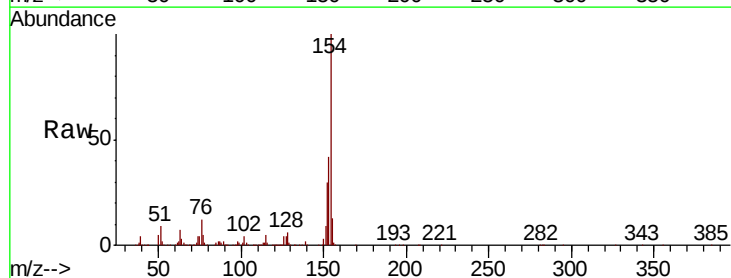
Instrument :
BNA_G
ClientSampleId :
SB-12MS

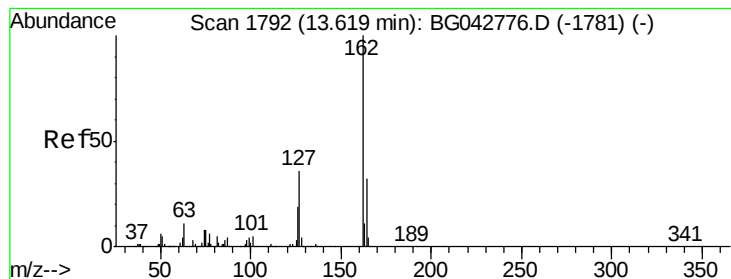
Tot Ion:	172	Resp:	880175
Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	23.7	19.1	28.7



#46
1,1'-Biphenyl
Concen: 39.373 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:	154	Resp:	554775
Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.6	62.6
76	11.8	0.0	32.2





#47

2-Chloronaphthalene

Concen: 37.174 ng

RT: 13.60 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

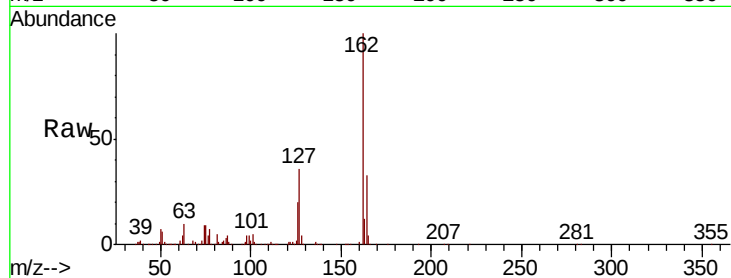
Tot Ion:162 Resp: 433300

Ion Ratio Lower Upper

162 100

127 36.4 29.3 43.9

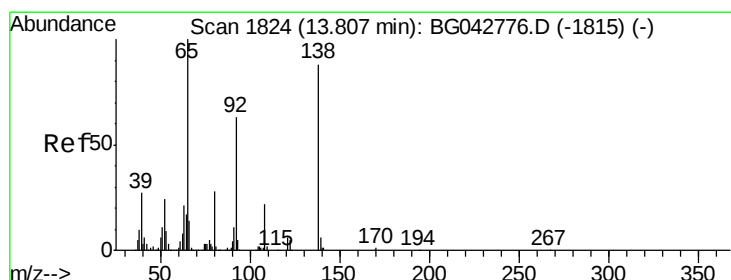
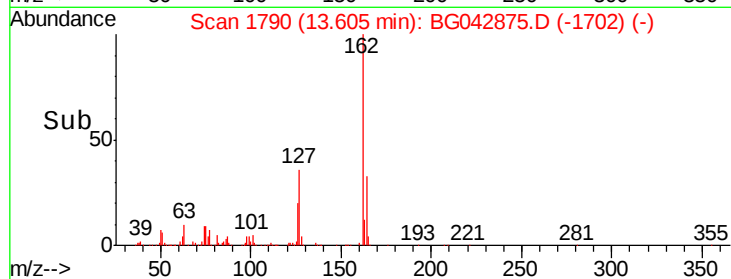
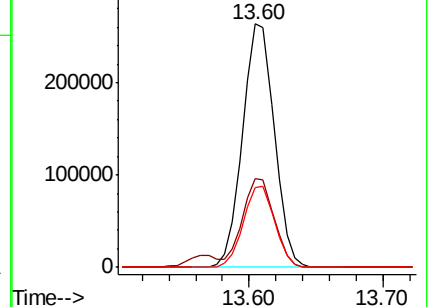
164 32.7 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.171 ng

RT: 13.82 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

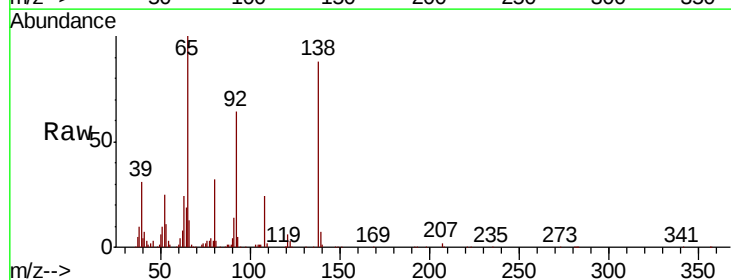
Tgt Ion: 65 Resp: 154343

Ion Ratio Lower Upper

65 100

92 63.8 50.4 75.6

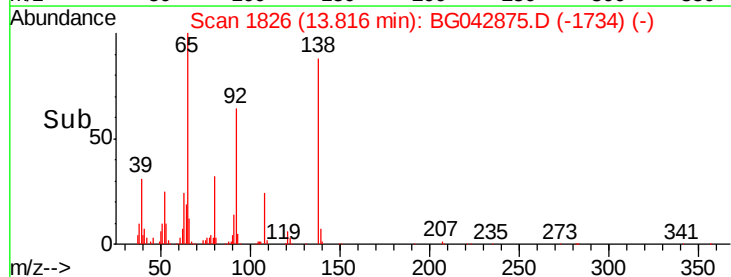
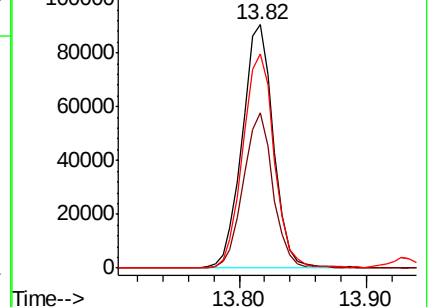
138 87.9 70.6 106.0

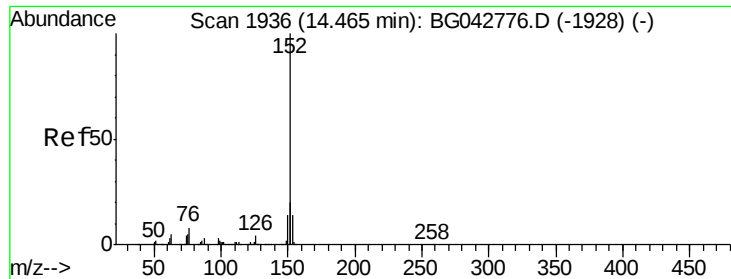


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.961 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

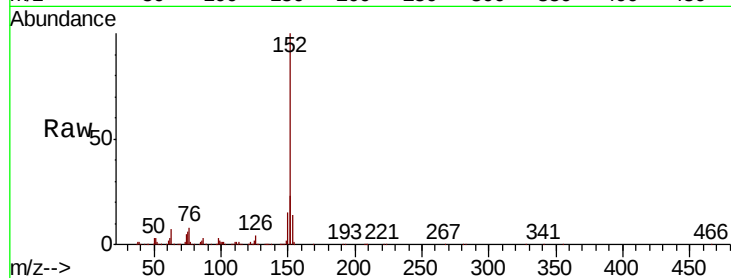
Tot Ion:152 Resp: 711790

Ion Ratio Lower Upper

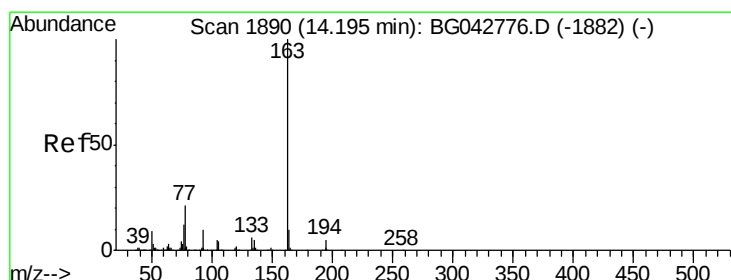
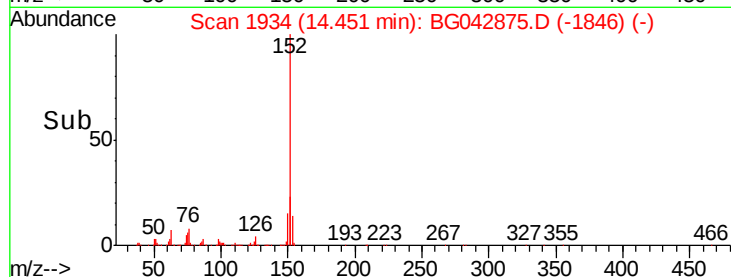
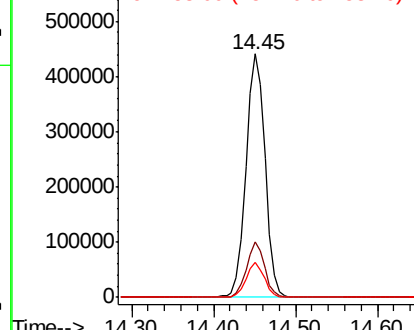
152 100

151 22.7 16.0 24.0

153 14.3 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.047 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

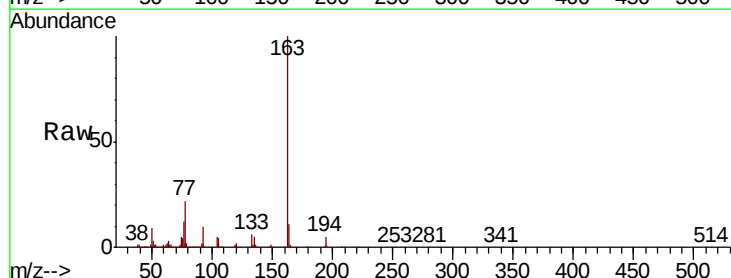
Tgt Ion:163 Resp: 709364

Ion Ratio Lower Upper

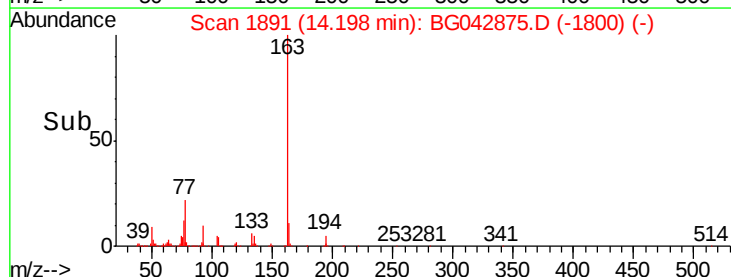
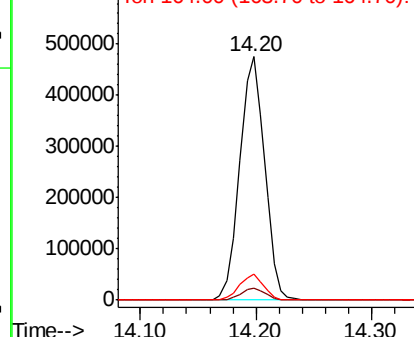
163 100

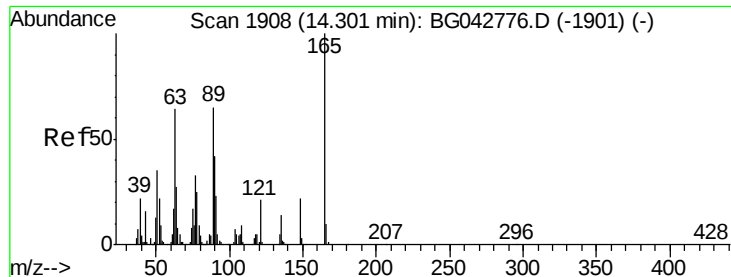
194 5.1 4.2 6.4

164 10.7 8.4 12.6



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: 43.088 ng

RT: 14.30 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

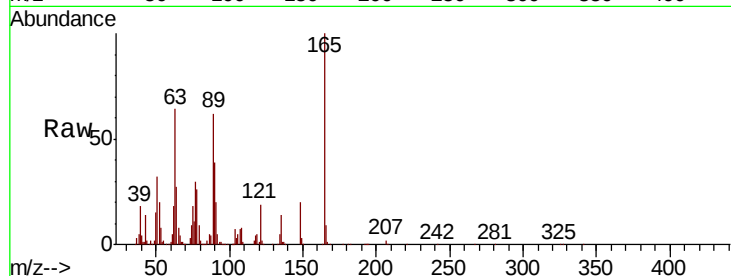
Tot Ion:165 Resp: 133308

Ion Ratio Lower Upper

165 100

63 64.0 52.1 78.1

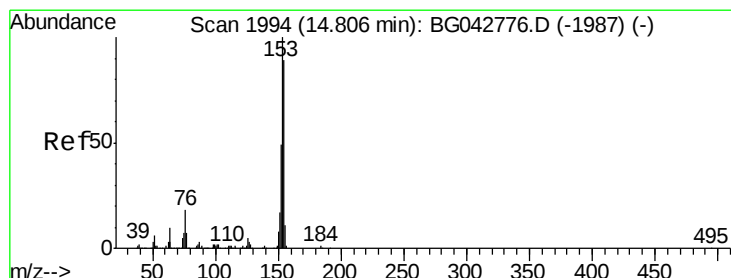
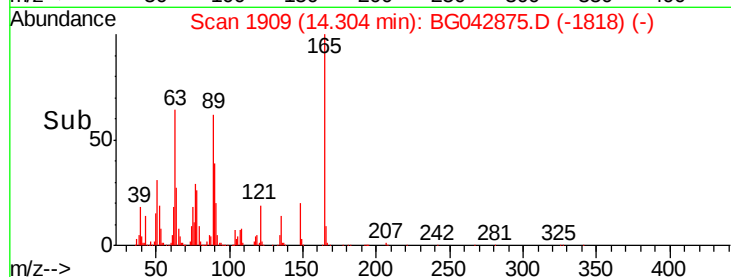
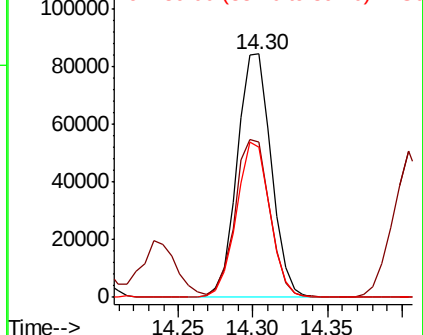
89 61.9 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 36.328 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

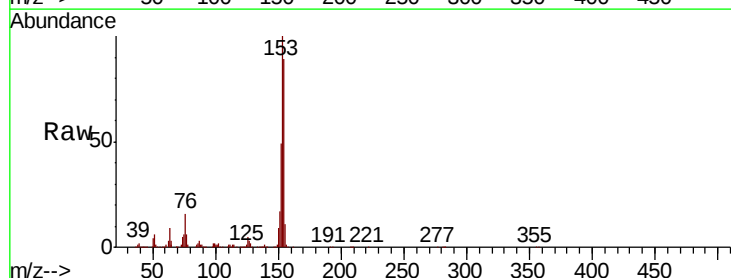
Tgt Ion:154 Resp: 422741

Ion Ratio Lower Upper

154 100

153 112.3 89.4 134.2

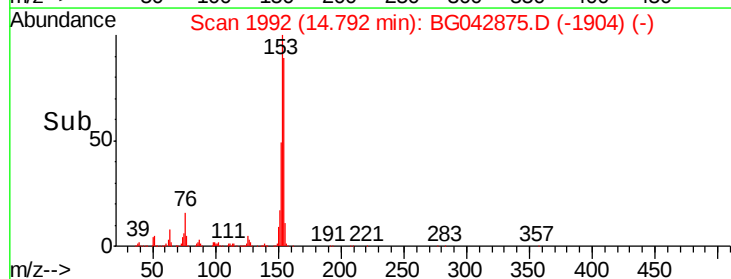
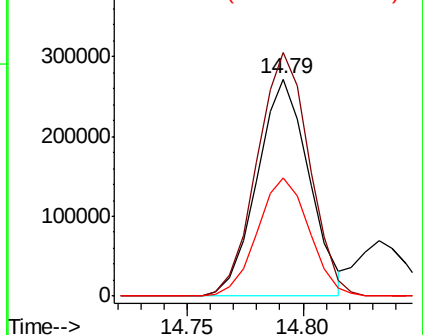
152 54.8 43.5 65.3

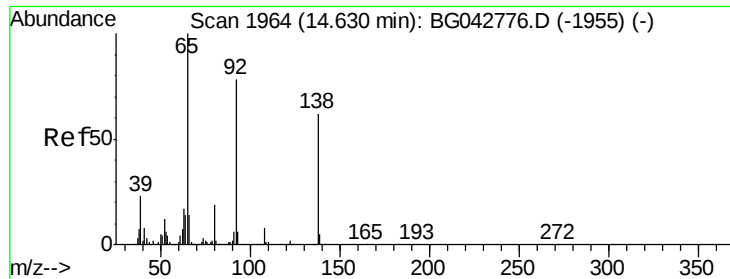


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

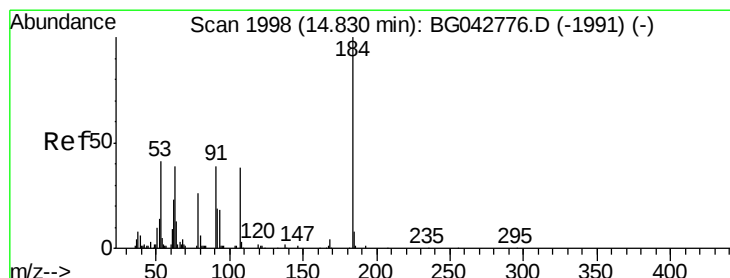
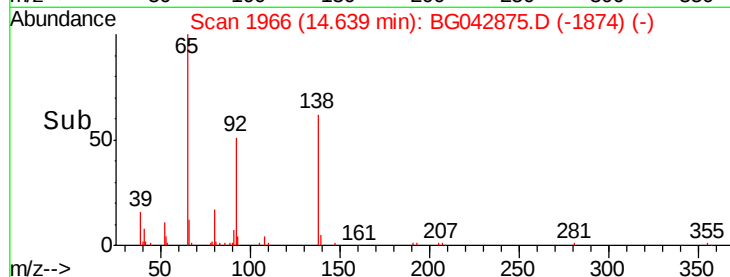
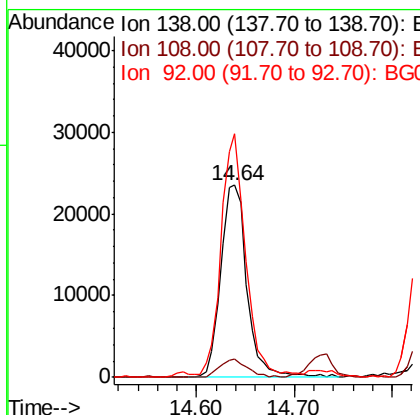
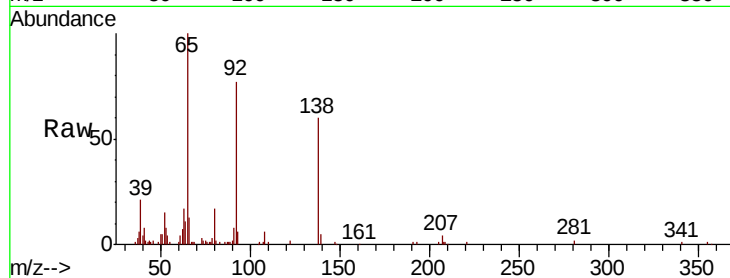




#53
 3-Nitroaniline
 Concen: 12.586 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

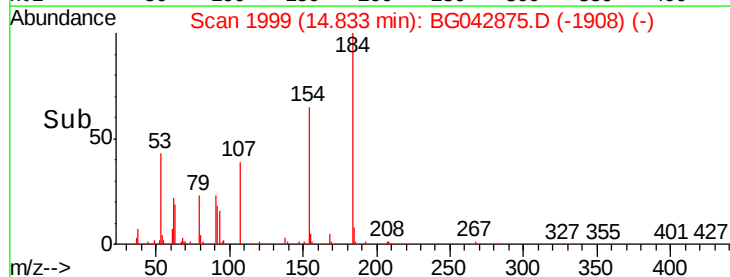
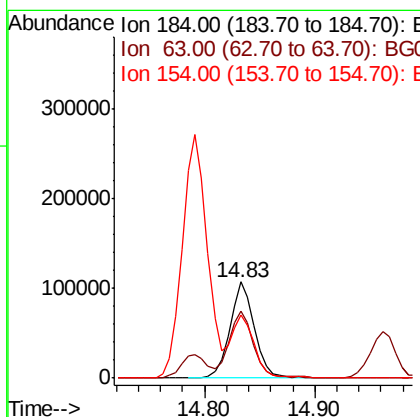
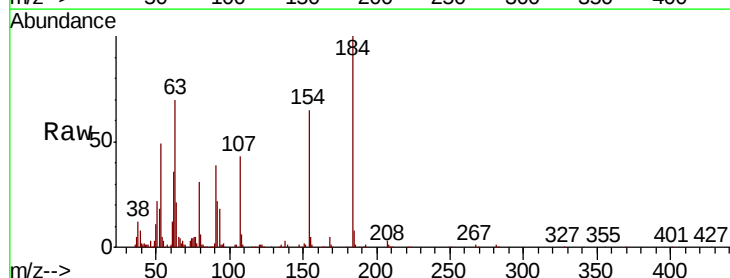
Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

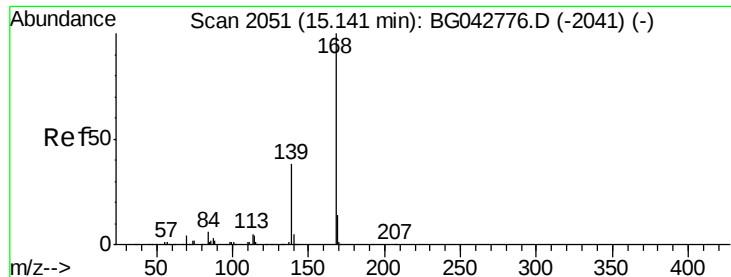
Tot Ion:138 Resp: 43701
 Ion Ratio Lower Upper
 138 100
 108 9.7 10.7 16.1#
 92 126.8 100.5 150.7



#54
 2,4-Dinitrophenol
 Concen: 110.351 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion:184 Resp: 168071
 Ion Ratio Lower Upper
 184 100
 63 70.1 46.2 69.4#
 154 65.1 81.3 121.9#

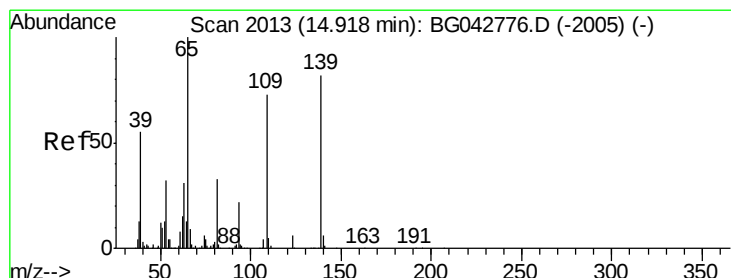
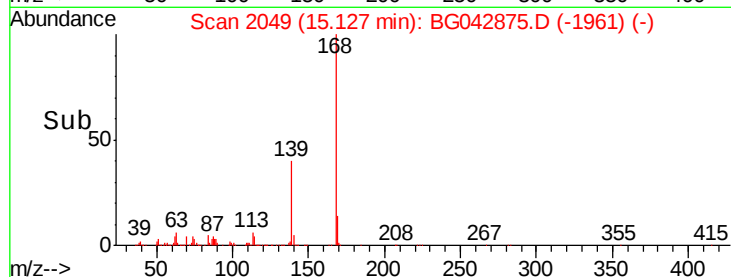
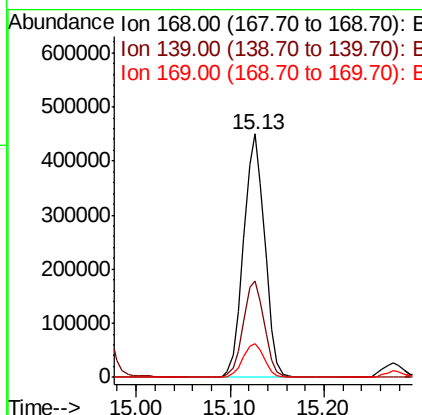
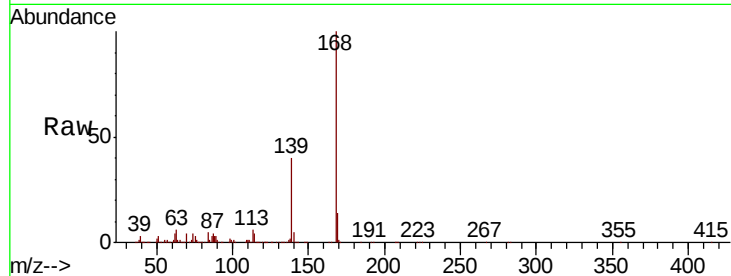




#55
Dibenzenofuran
Concen: 40.336 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

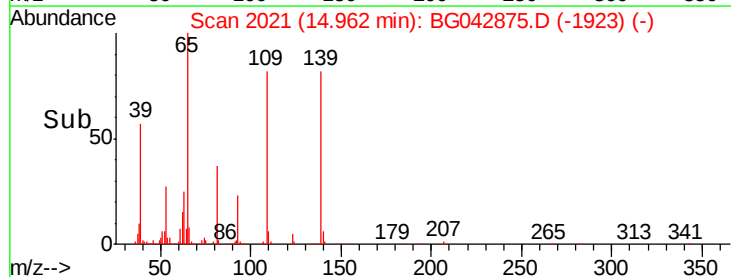
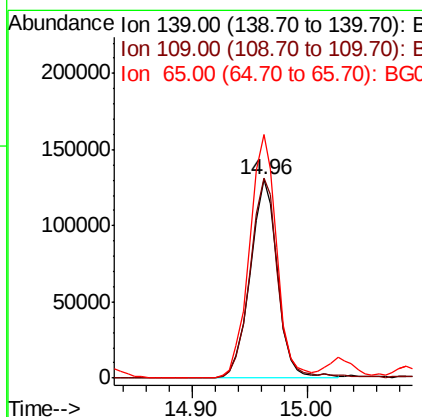
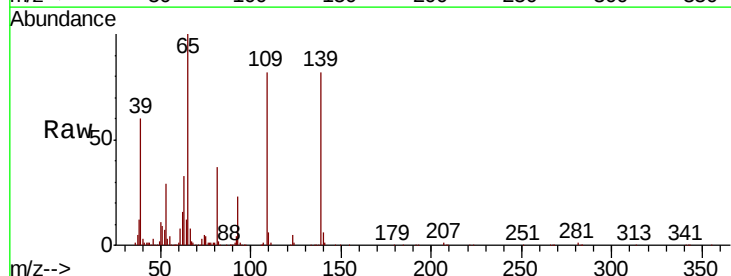
Instrument :
BNA_G
ClientSampleId :
SB-12MS

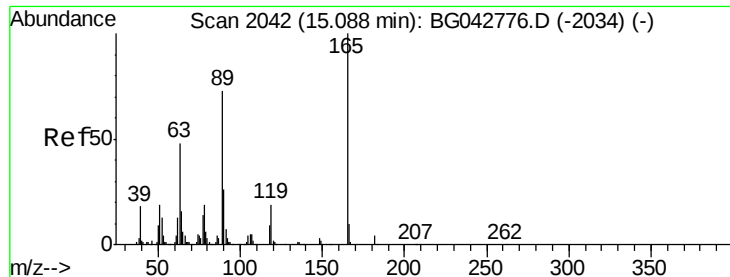
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.2	45.4
169	13.7	11.2	16.8



#56
4-Nitrophenol
Concen: 80.248 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.04 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.5	69.4	109.4
65	122.6	102.5	142.5





#57

2,4-Dinitrotoluene

Concen: 45.739 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

Tot Ion:165 Resp: 188622

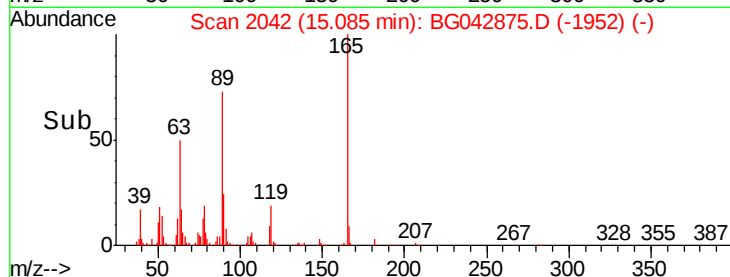
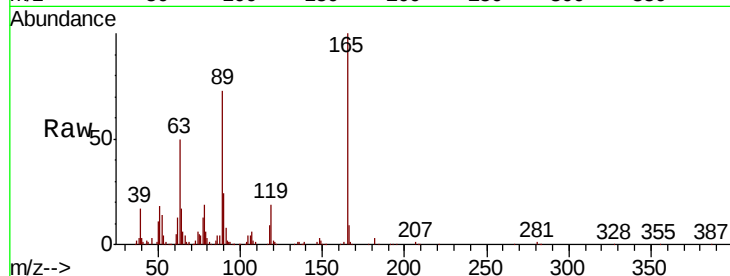
Ion Ratio Lower Upper

165 100

63 50.4 38.3 57.5

89 73.1 58.4 87.6

182 3.5 2.9 4.3

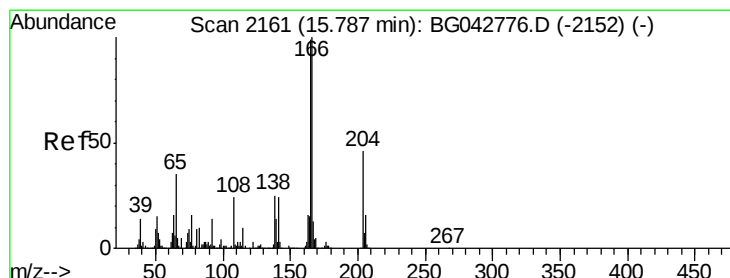
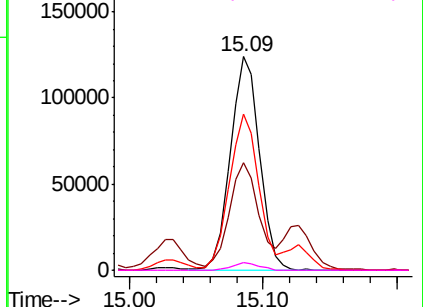


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.242 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

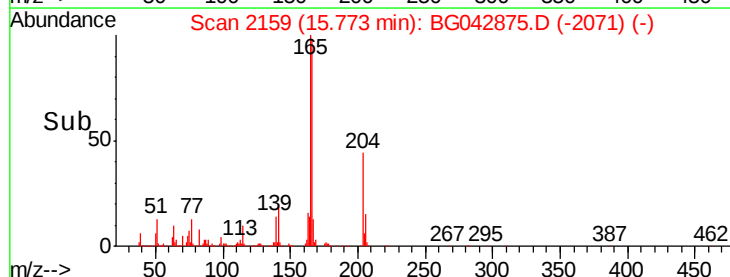
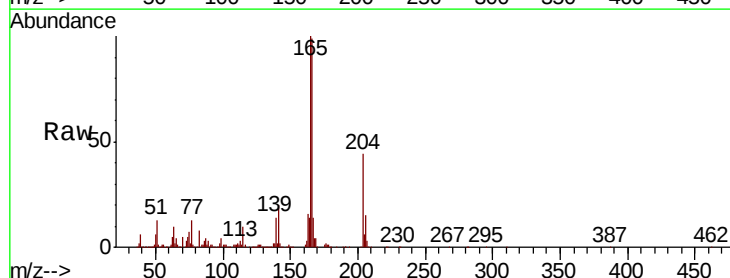
Tgt Ion:166 Resp: 591201

Ion Ratio Lower Upper

166 100

165 100.7 79.1 118.7

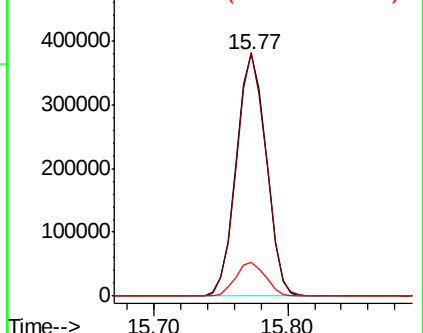
167 14.1 10.7 16.1

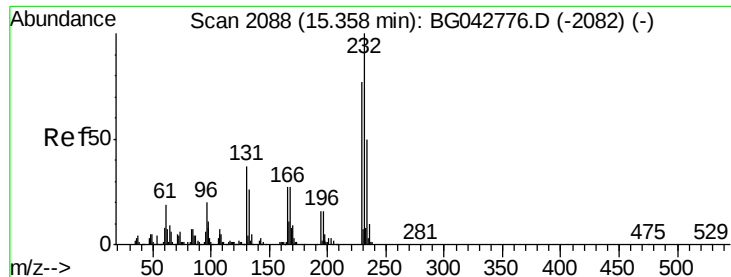


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

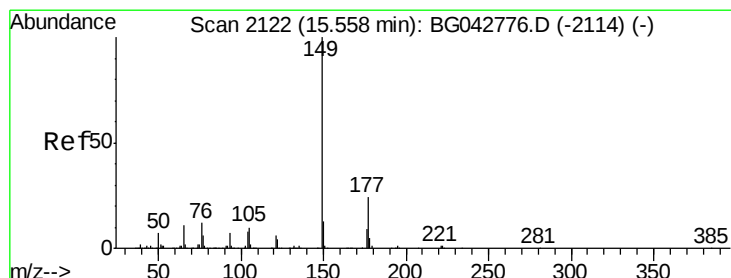
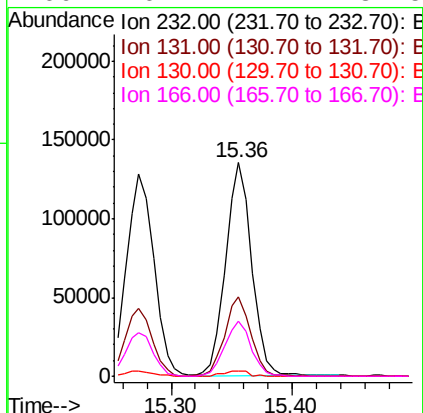
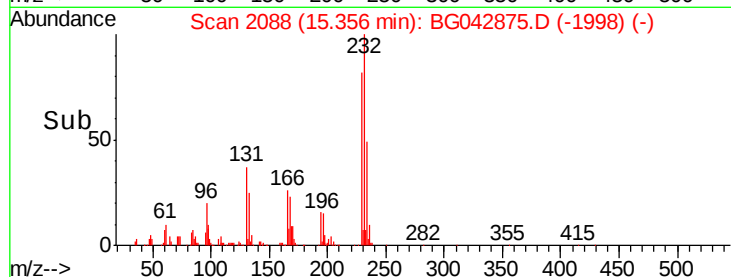
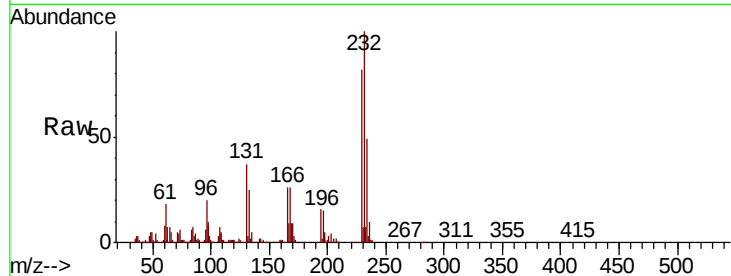




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.971 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

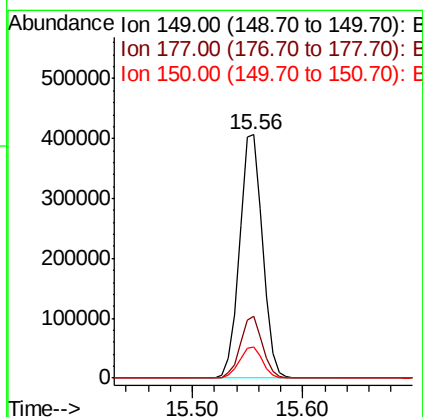
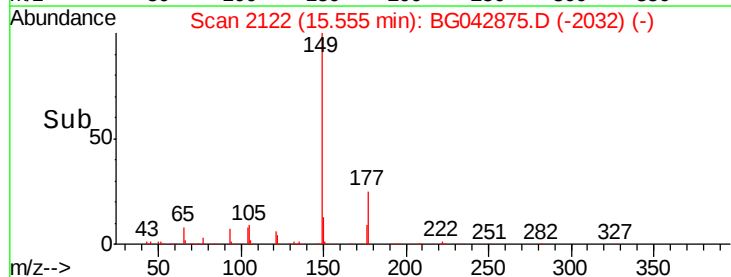
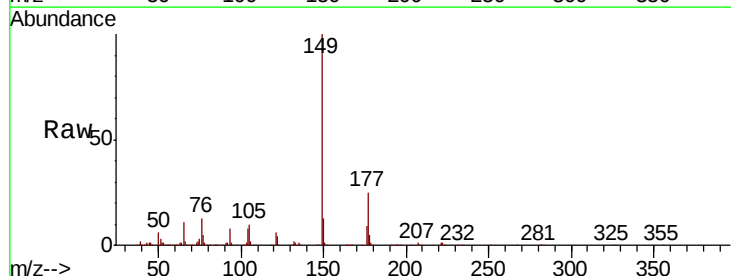
Instrument :
BNA_G
ClientSampleId :
SB-12MS

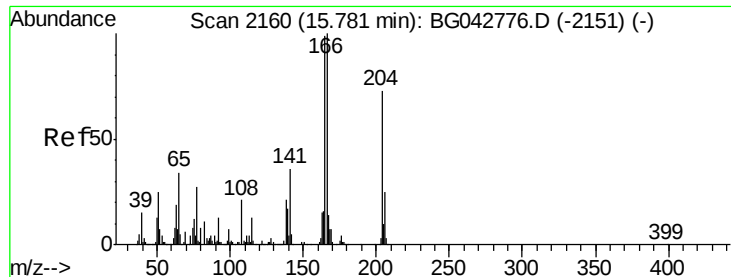
Tot Ion:232	Resp:	202116
Ion Ratio	Lower	Upper
232	100	
131	37.8	31.1 46.7
130	2.6	1.8 2.6
166	26.2	21.7 32.5



#60
Diethylphthalate
Concen: 38.863 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:149	Resp:	594812
Ion Ratio	Lower	Upper
149	100	
177	25.4	19.4 29.0
150	12.7	10.2 15.4

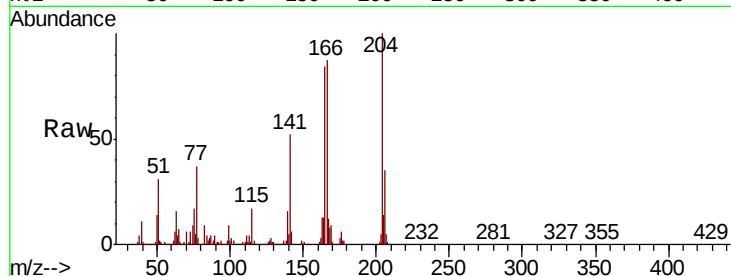




#61
4-Chlorophenyl-phenylether
Concen: 41.365 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.6	41.4
141	52.0	39.8	59.6

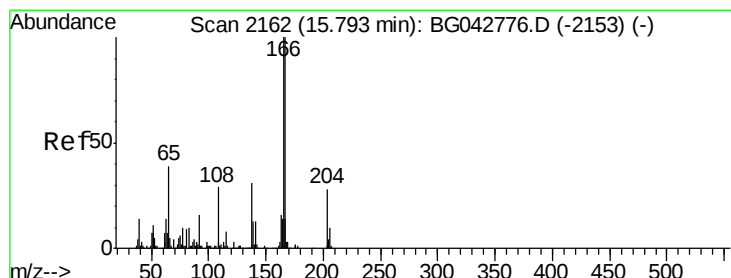
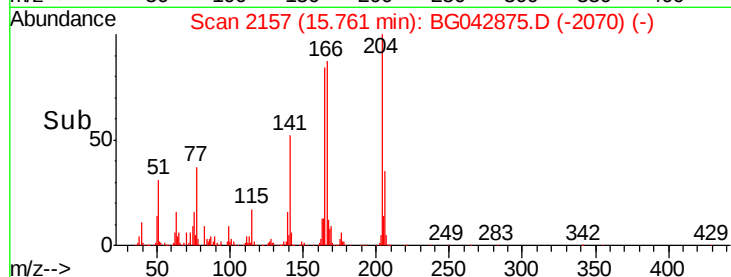
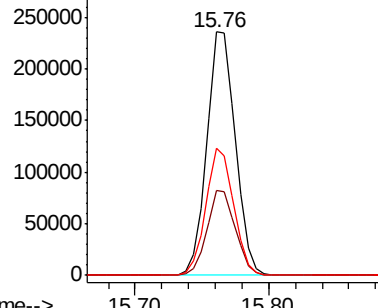


Abundance

Ion 204.00 (203.70 to 204.70): E

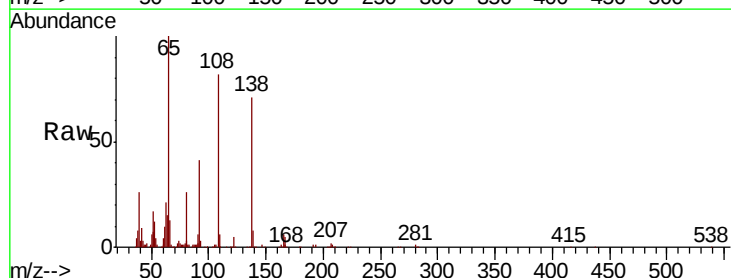
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.746 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	31.4	71.4
108	114.6	74.8	114.8

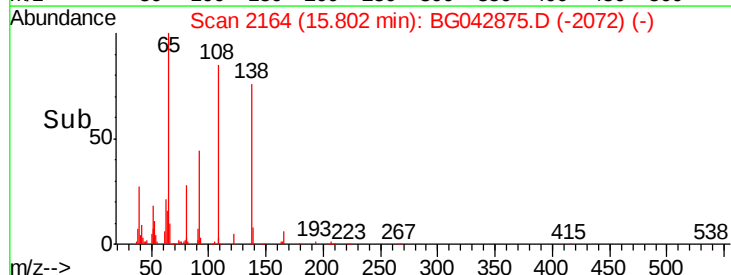
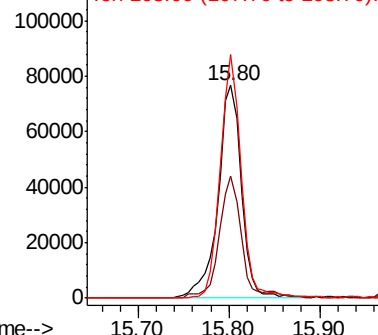


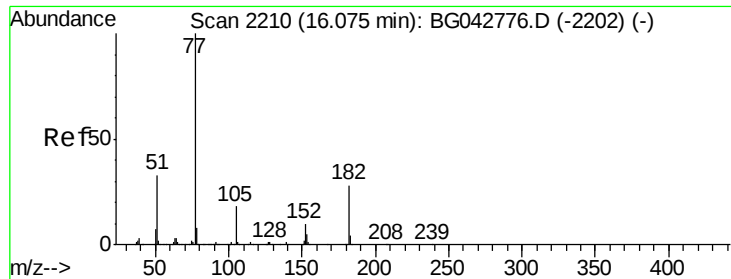
Abundance

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

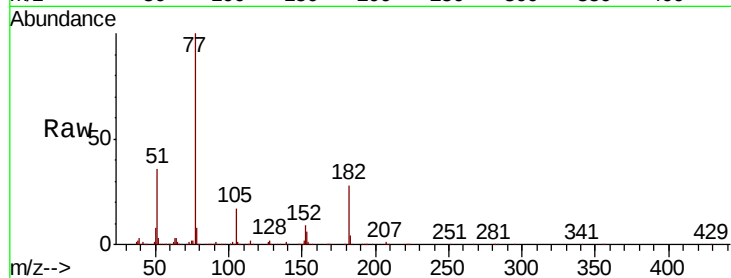




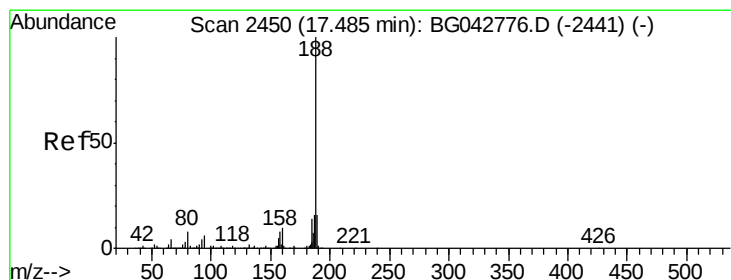
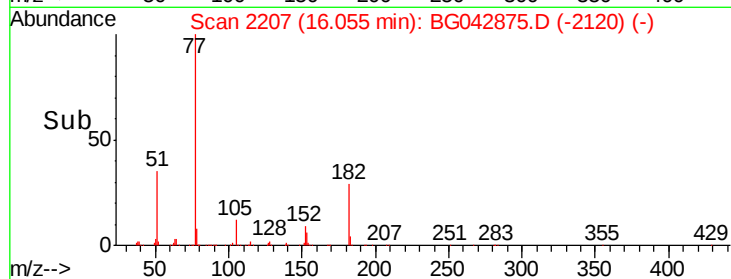
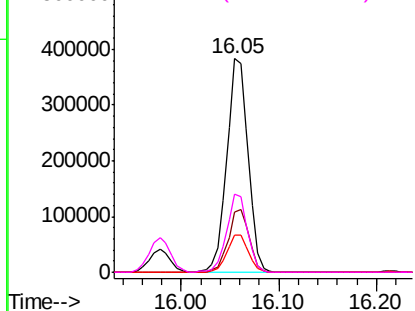
#63
Azobenzene
Concen: 39.210 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion:	77	Resp:	577892
Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.1	48.1
105	17.4	0.0	38.1
51	36.3	12.9	52.9

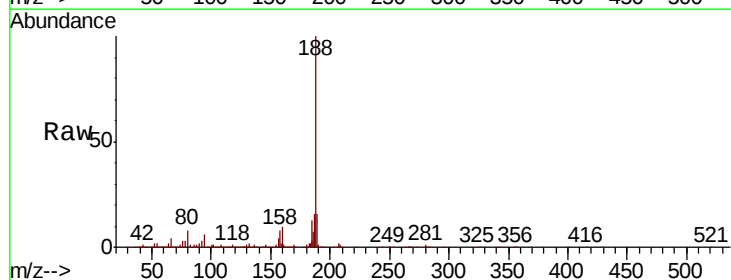


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

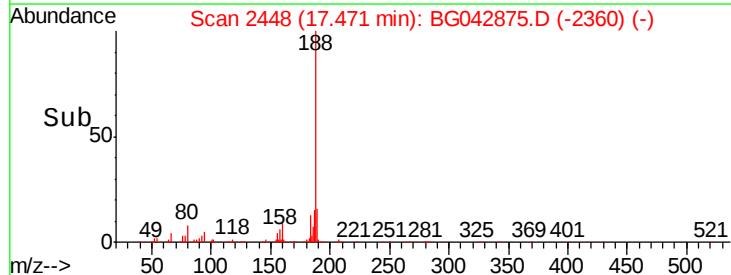
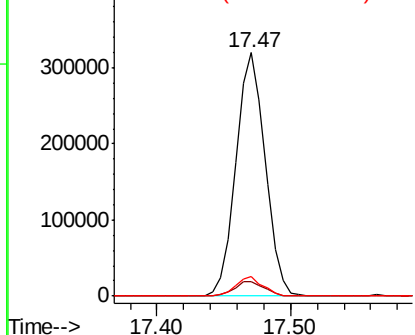


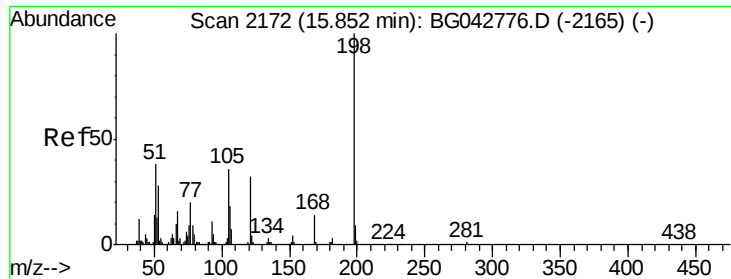
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:	188	Resp:	486228
Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.8	7.2
80	8.1	6.6	9.8



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: 59.708 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

SB-12MS

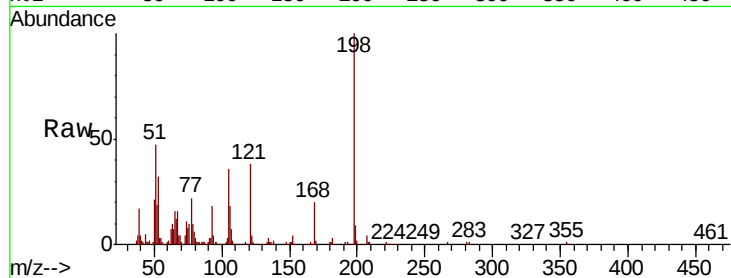
Tot Ion:198 Resp: 124221

Ion	Ratio	Lower	Upper
198	100		
51	46.7	20.9	60.9
105	36.0	16.4	56.4

198 100

51 46.7 20.9 60.9

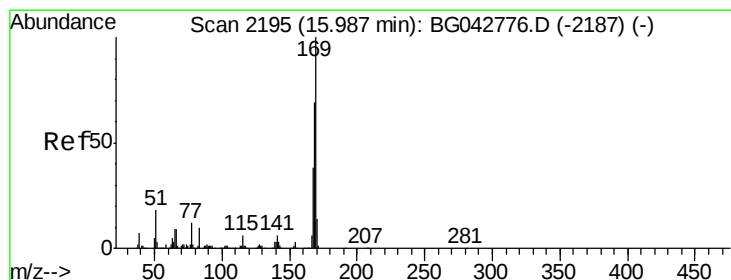
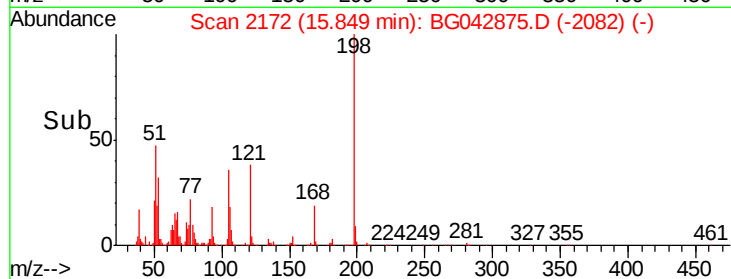
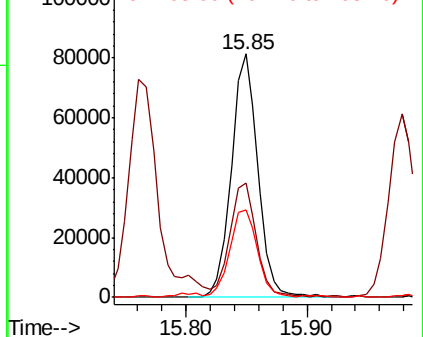
105 36.0 16.4 56.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.695 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

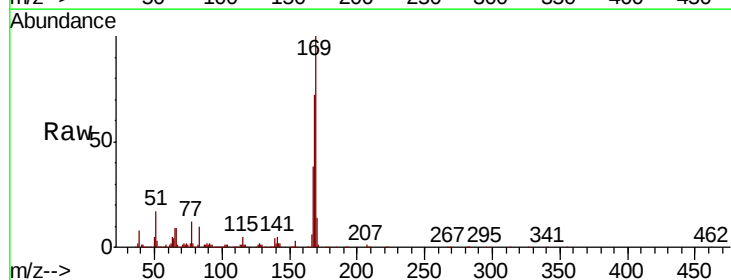
Tgt Ion:169 Resp: 532456

Ion	Ratio	Lower	Upper
169	100		
168	71.6	55.4	83.2
167	38.3	30.4	45.6

169 100

168 71.6 55.4 83.2

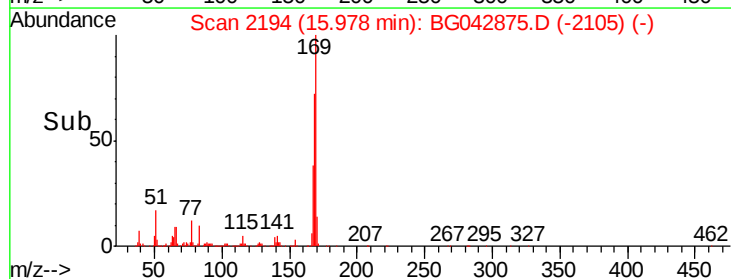
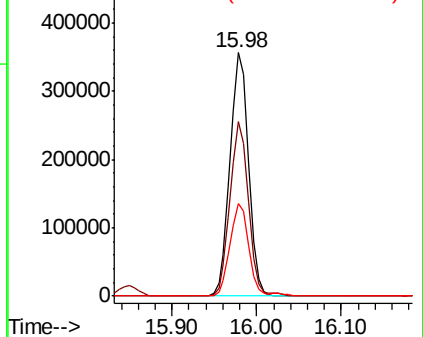
167 38.3 30.4 45.6

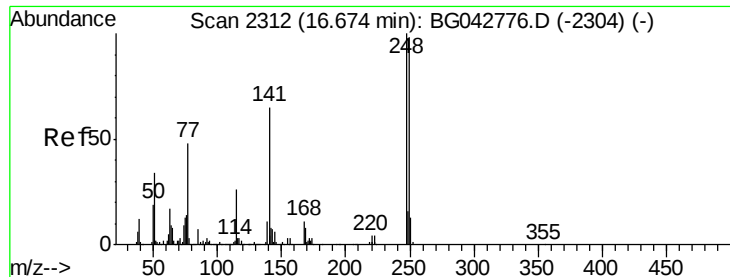


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

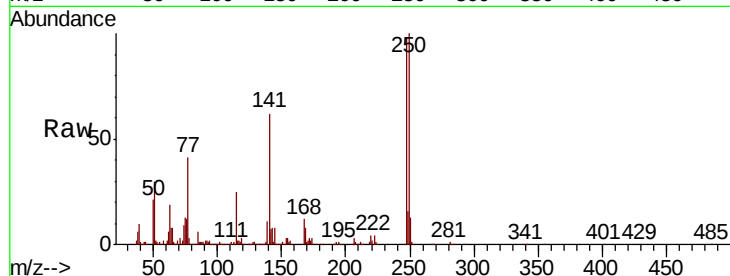




#67
4-Bromophenyl-phenylether
Concen: 40.052 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.6	78.0	117.0
141	63.3	51.8	77.6

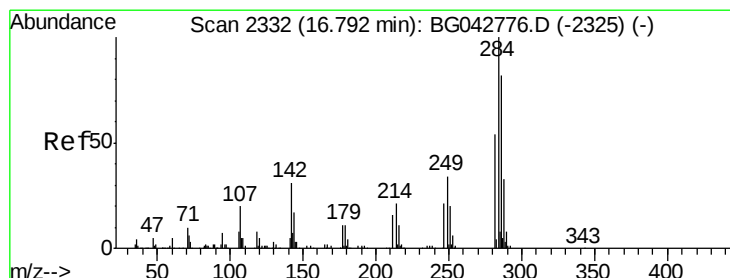
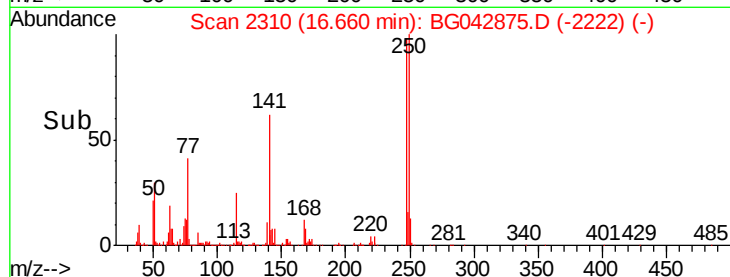
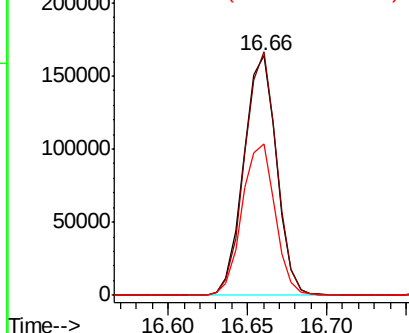


Abundance

Ion 248.00 (247.70 to 248.70): E

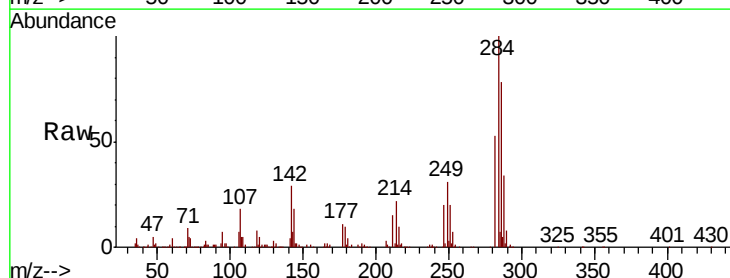
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.308 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.7	37.1
249	31.4	27.0	40.4

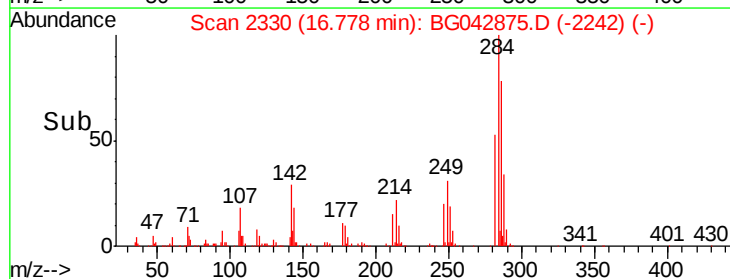
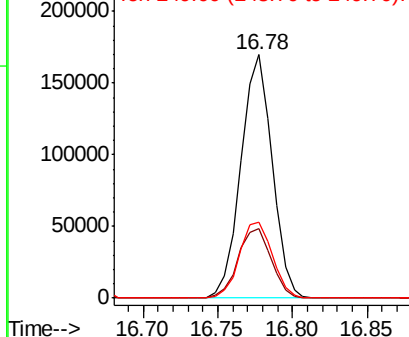


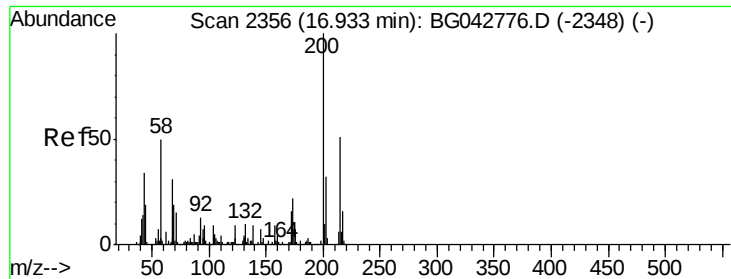
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.701 ng

RT: 16.94 min Scan# 2358

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

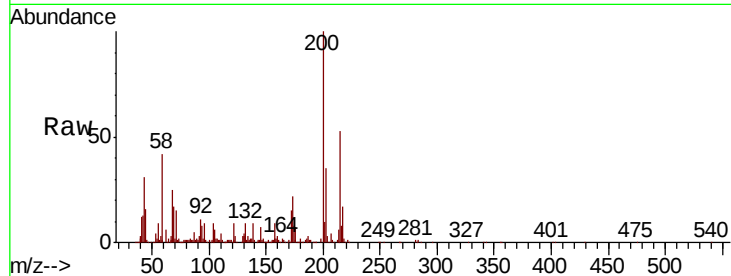
Tot Ion:200 Resp: 208227

Ion Ratio Lower Upper

200 100

173 21.8 2.5 42.5

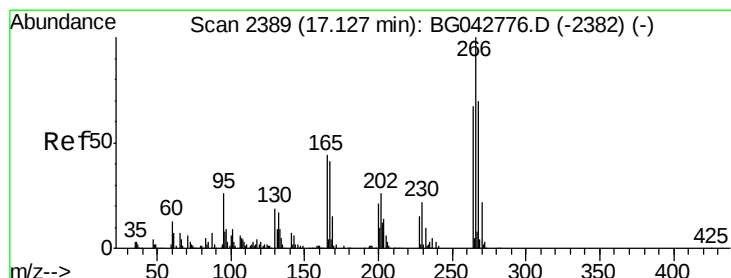
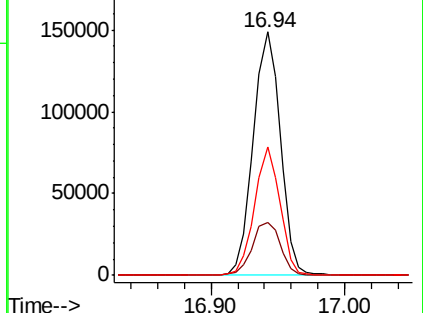
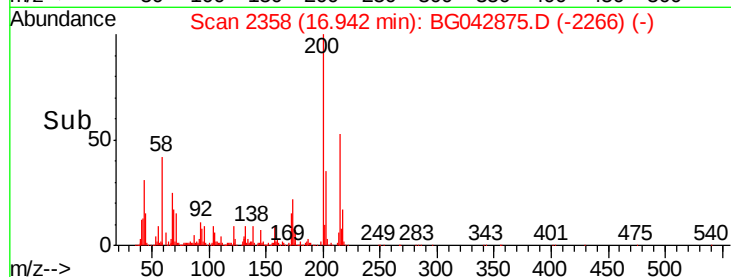
215 52.8 31.0 71.0



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: 88.761 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

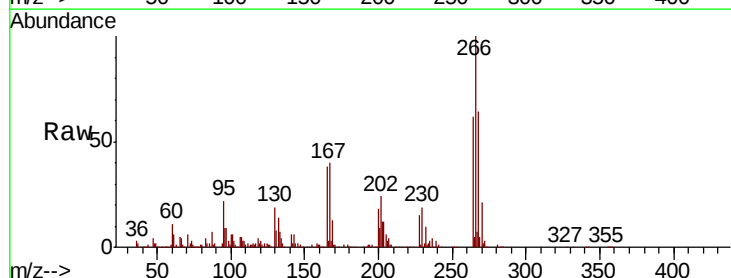
Tgt Ion:266 Resp: 331122

Ion Ratio Lower Upper

266 100

268 64.0 56.2 84.4

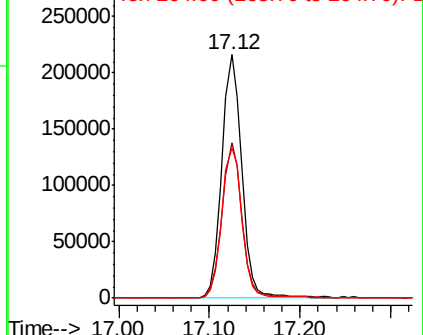
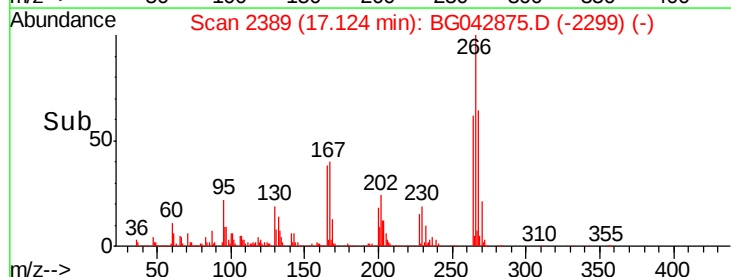
264 61.8 53.4 80.2

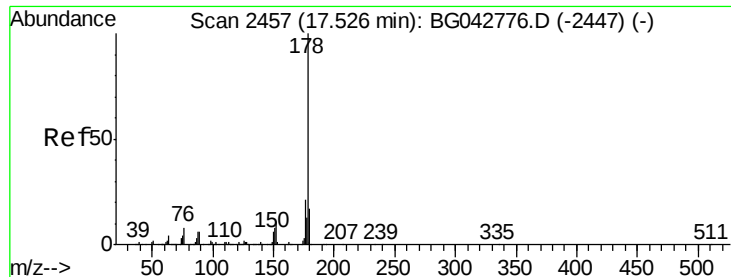


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.116 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

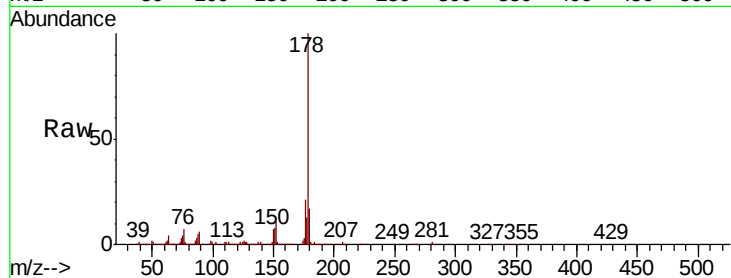
Tot Ion:178 Resp: 956070

Ion Ratio Lower Upper

178 100

176 21.2 17.0 25.4

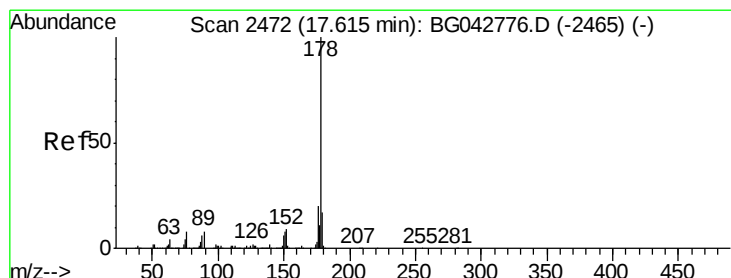
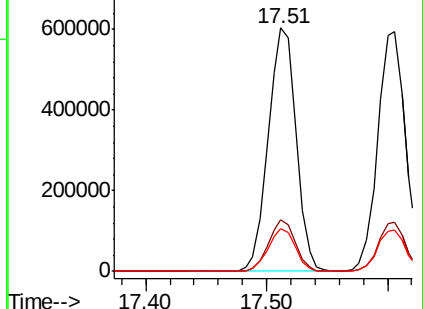
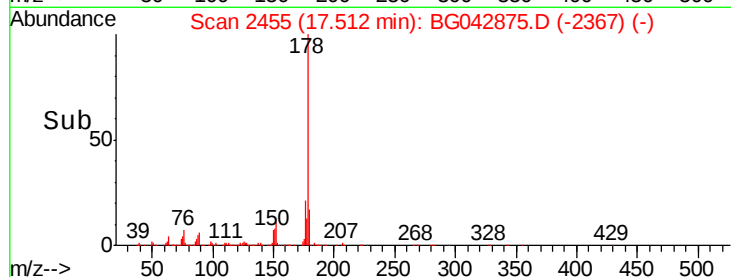
179 17.3 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.227 ng

RT: 17.61 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

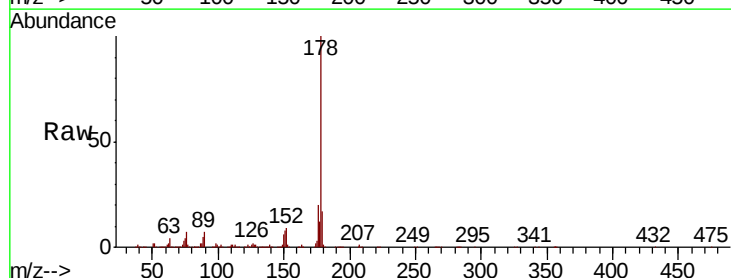
Tgt Ion:178 Resp: 957748

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

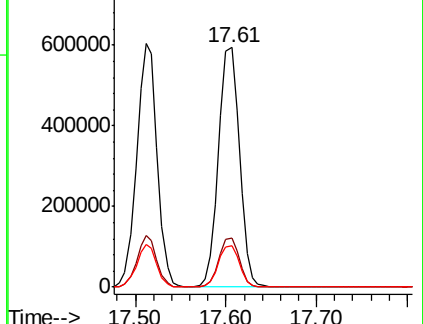
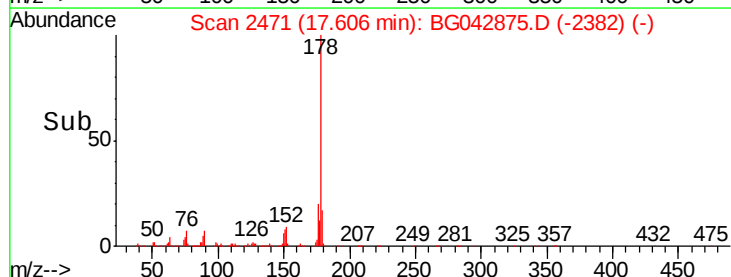
179 17.1 13.6 20.4

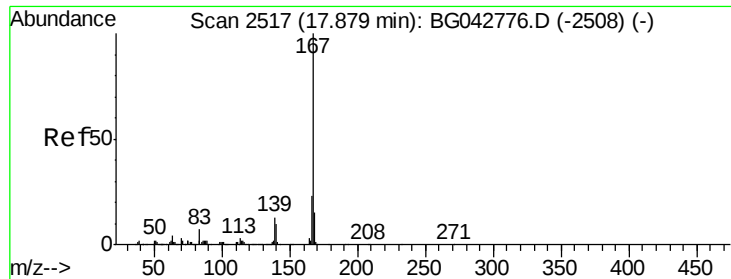


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

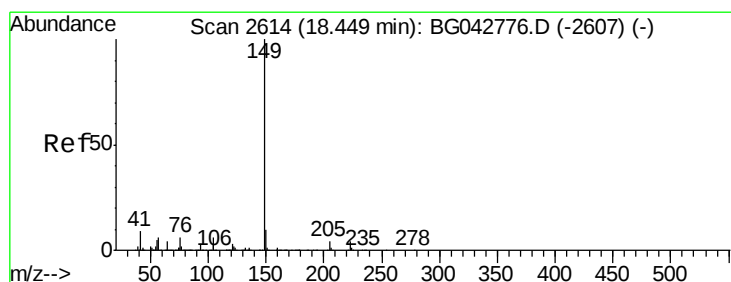
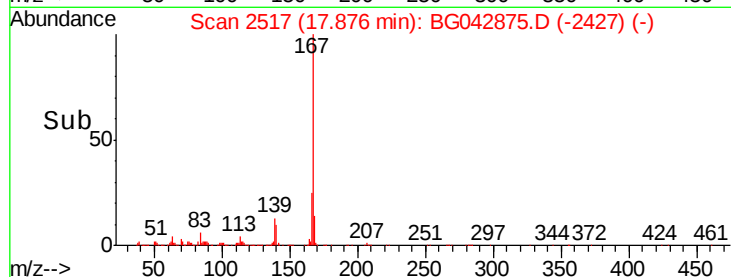
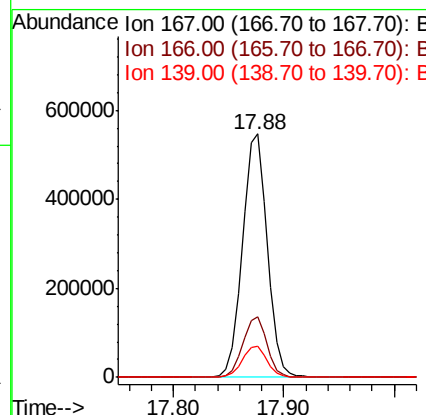
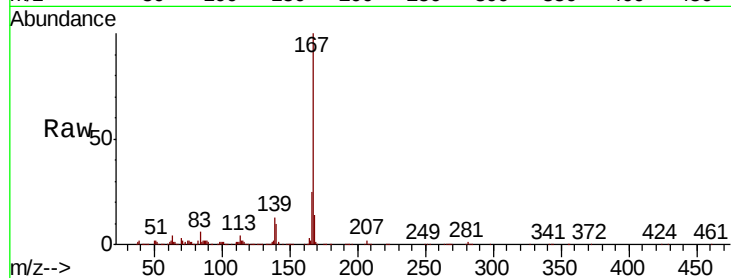




#73
 Carbazole
 Concen: 39.088 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

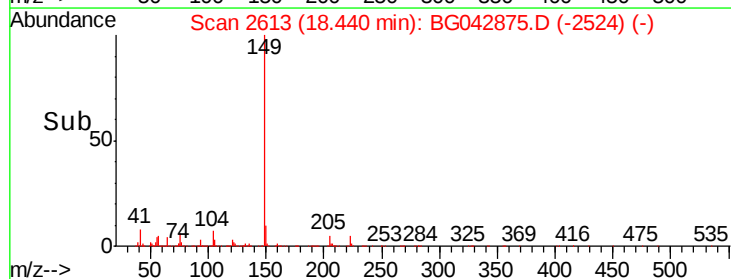
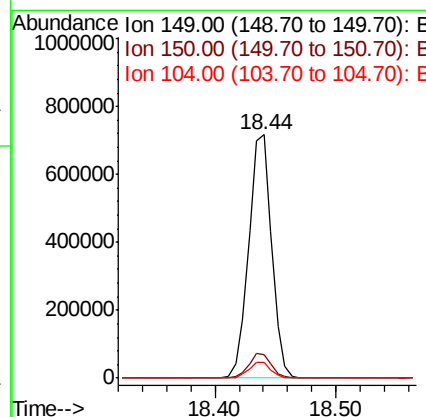
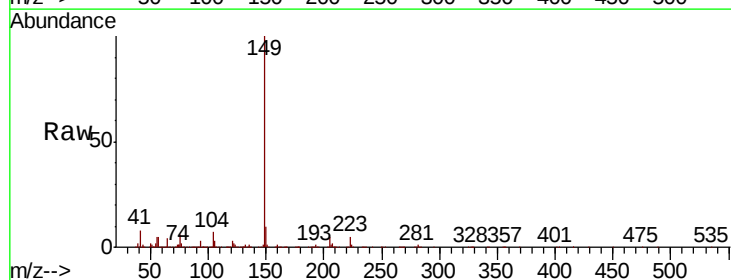
Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

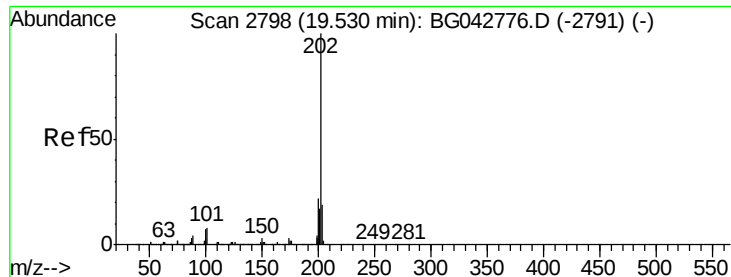
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.3	27.5
139	12.8	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 36.031 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	6.7	5.1	7.7





#75

Fluoranthene

Concen: 38.164 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

SB-12MS

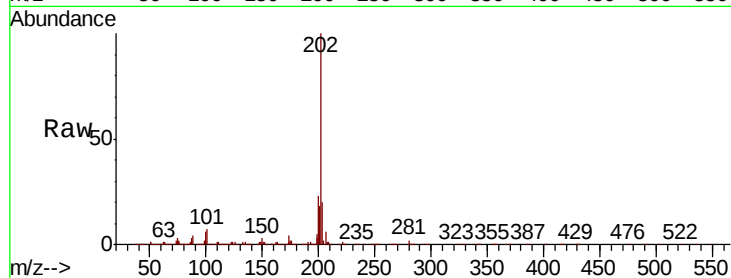
Tot Ion:202 Resp: 1150150

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.8

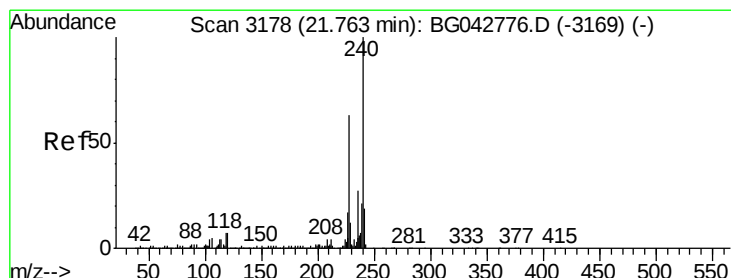
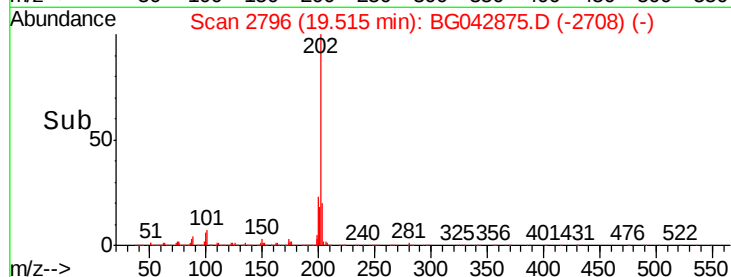
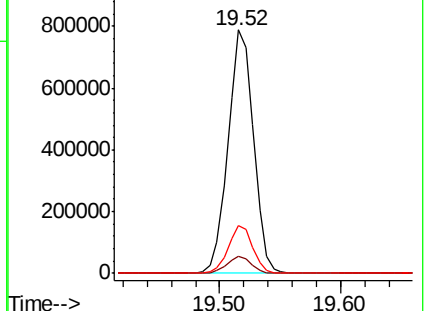
203 19.5 0.0 39.1



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: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

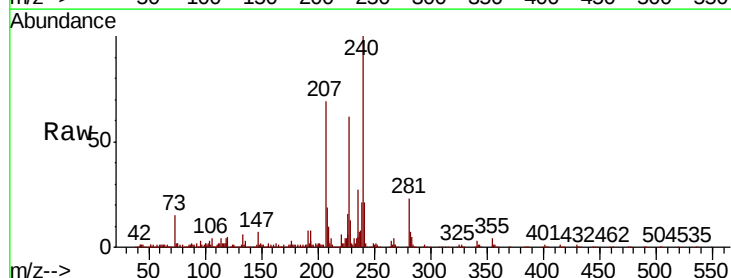
Tgt Ion:240 Resp: 380469

Ion Ratio Lower Upper

240 100

120 4.9 5.4 8.2#

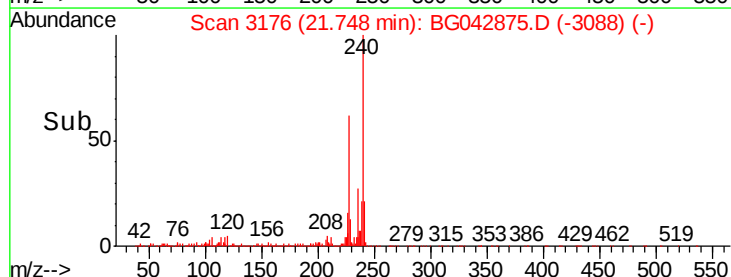
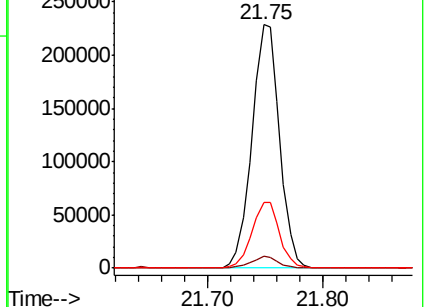
236 26.9 21.7 32.5

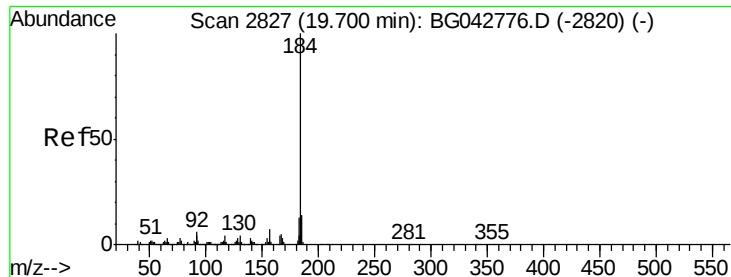


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.184 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

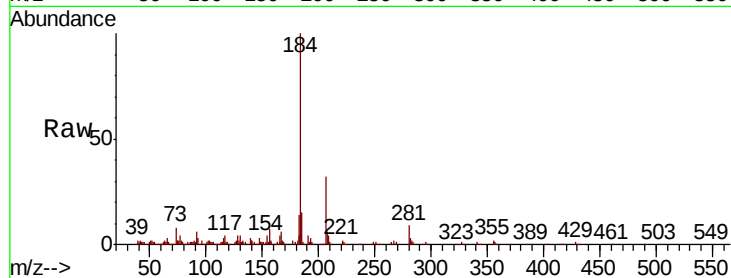
Tot Ion:184 Resp: 278327

Ion Ratio Lower Upper

184 100

185 15.4 11.6 17.4

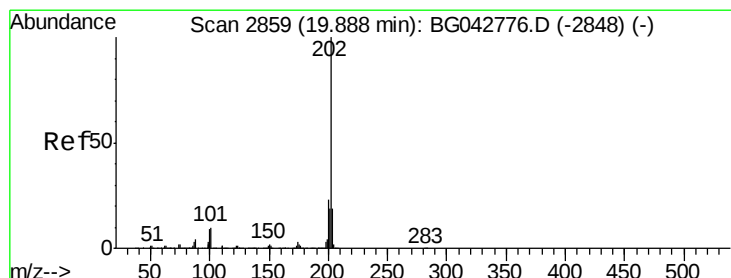
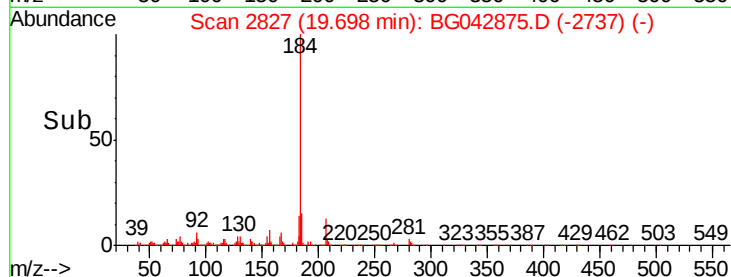
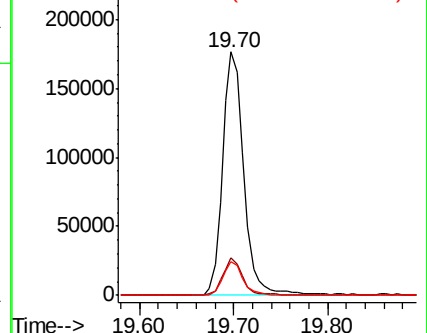
183 13.9 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.002 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

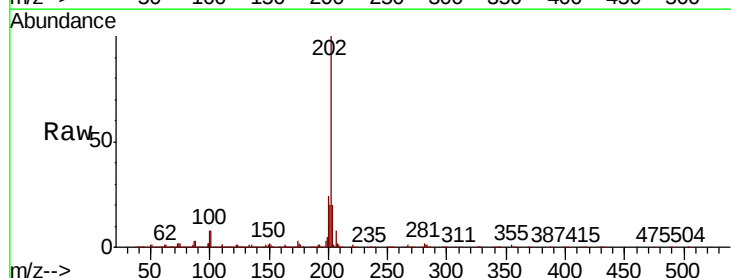
Tgt Ion:202 Resp: 1143398

Ion Ratio Lower Upper

202 100

200 24.1 18.5 27.7

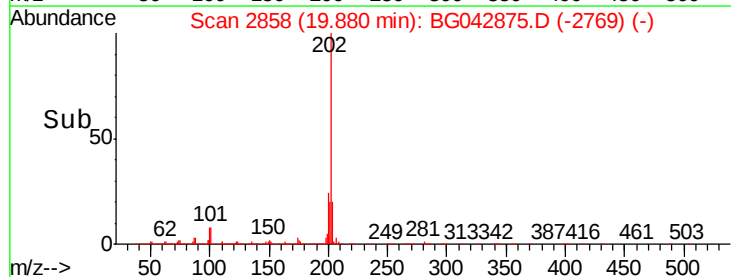
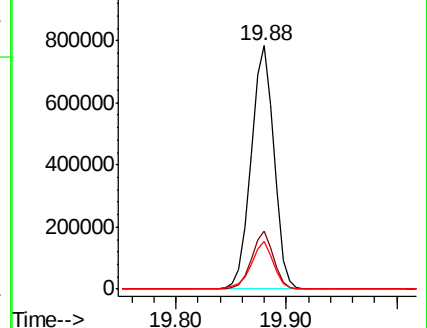
203 19.7 15.3 22.9

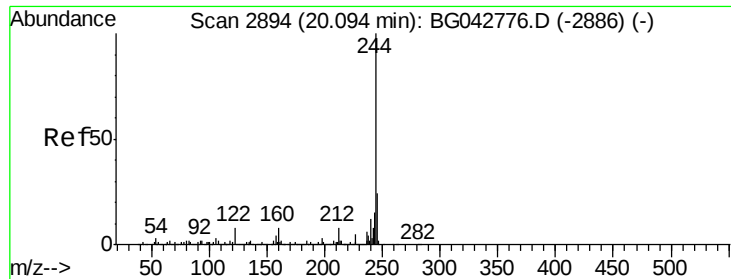


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.156 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

SB-12MS

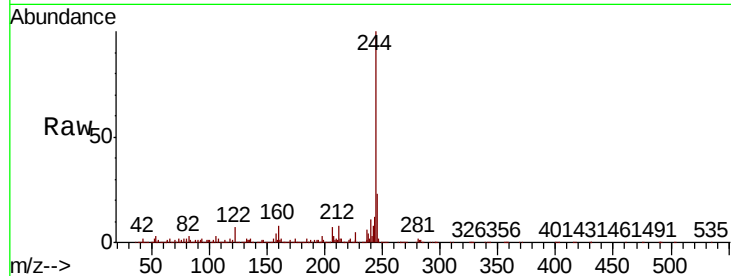
Tot Ion:244 Resp: 1410367

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

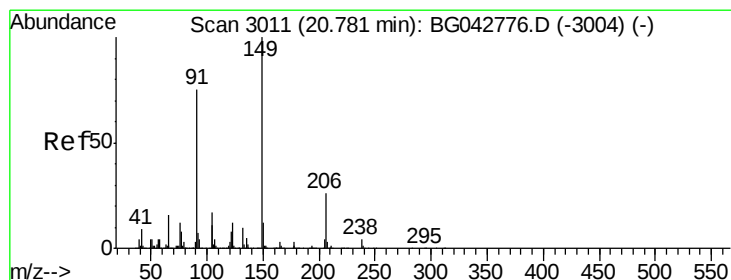
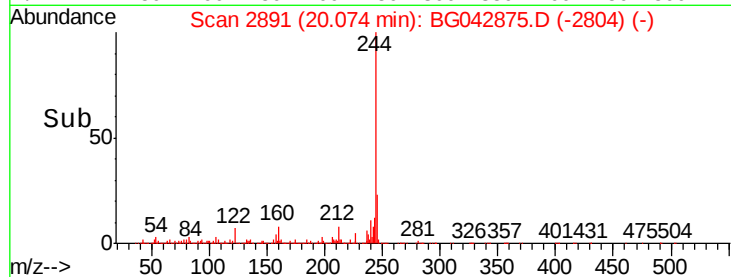
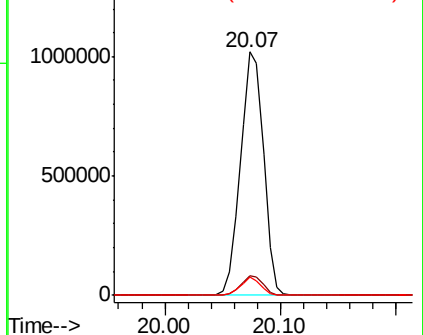
122 7.3 6.2 9.4



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: 37.620 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

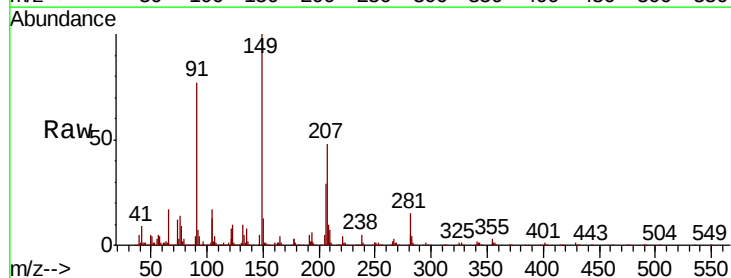
Tgt Ion:149 Resp: 362666

Ion Ratio Lower Upper

149 100

91 76.8 60.2 90.2

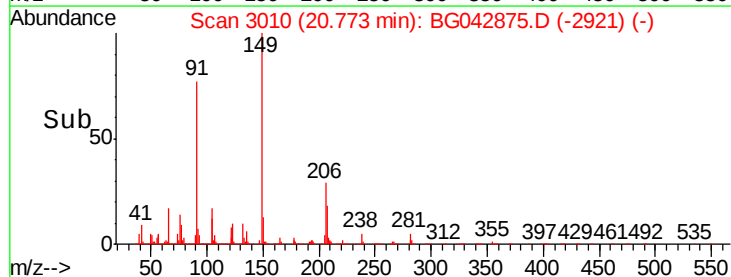
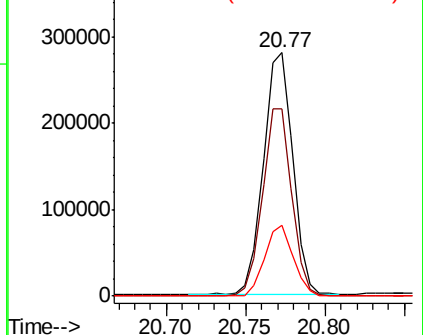
206 28.9 20.6 30.8

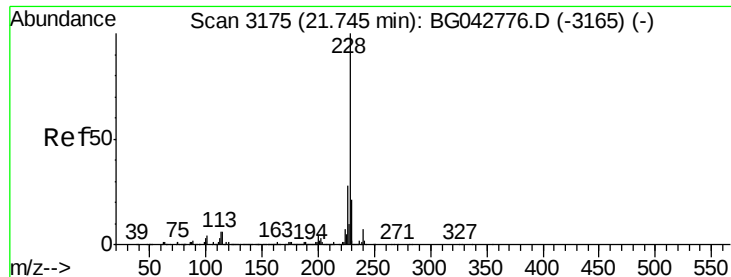


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.683 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

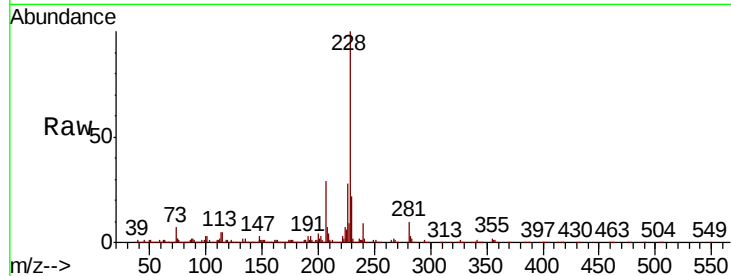
Tot Ion:228 Resp: 959971

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

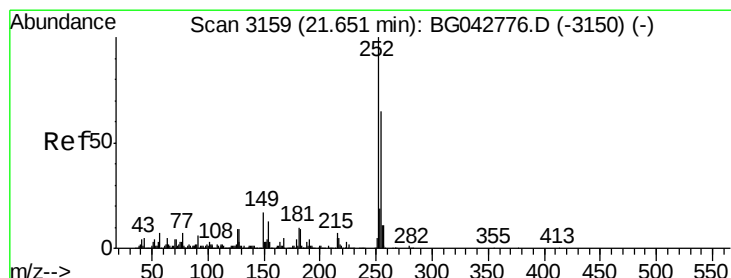
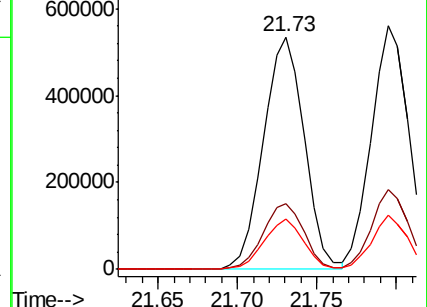
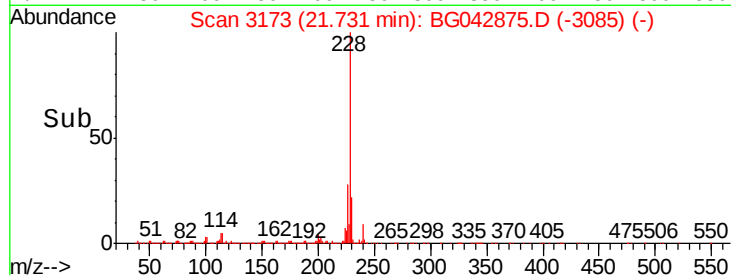
229 21.5 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.546 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

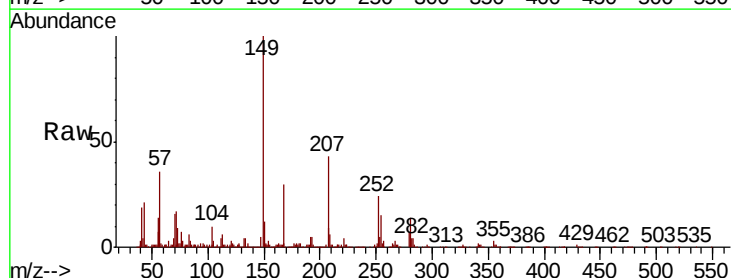
Tgt Ion:252 Resp: 136747

Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

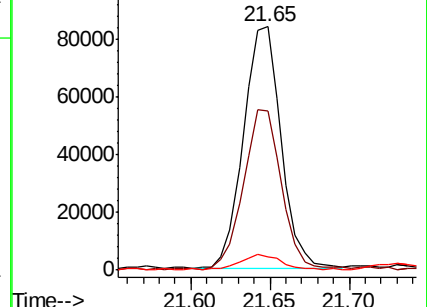
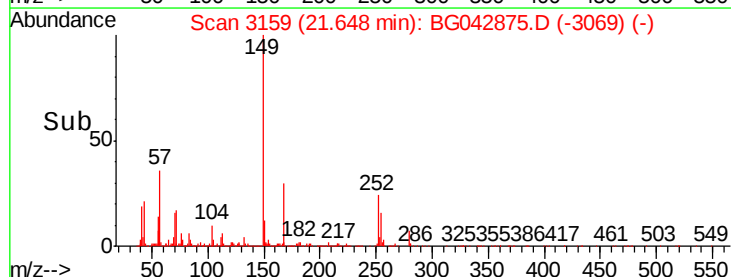
126 5.3 7.0 10.4#

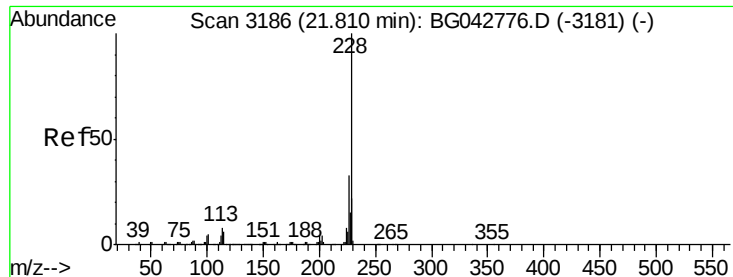


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

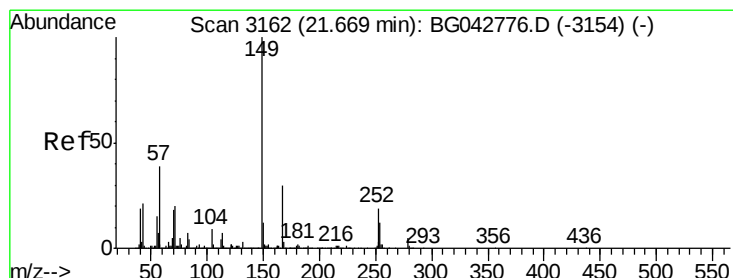
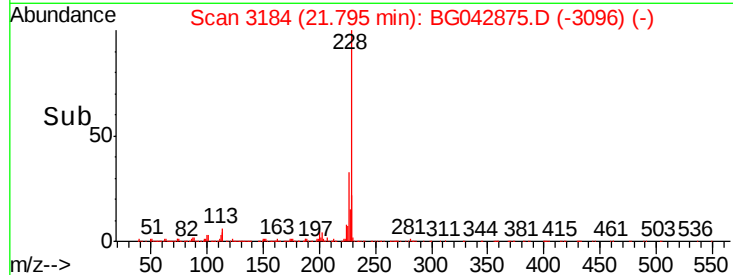
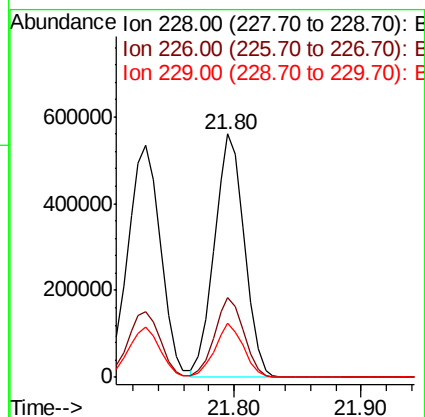
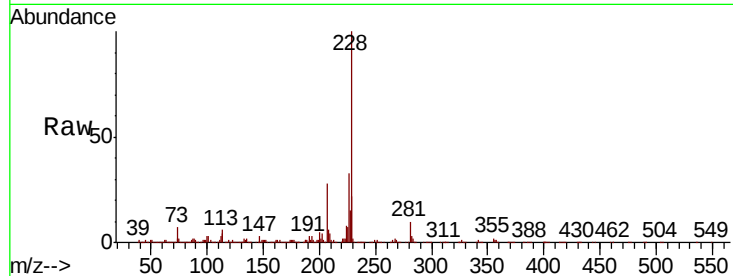




#83
 Chrysene
 Concen: 40.083 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

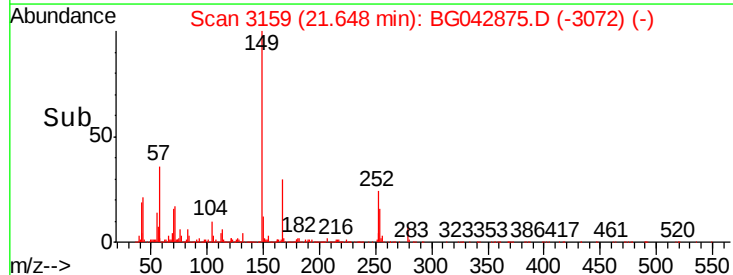
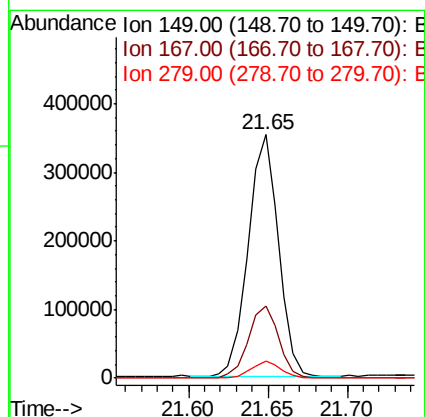
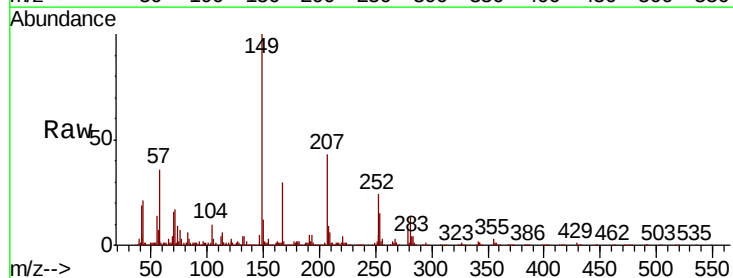
Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

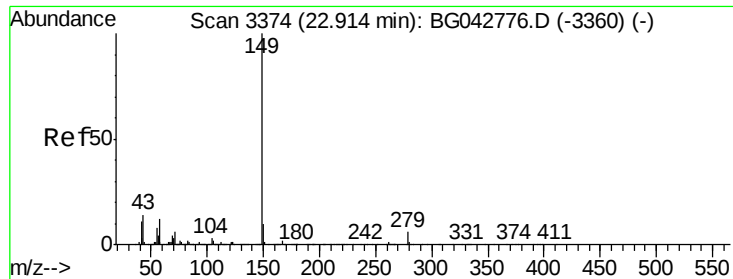
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.0	39.0
229	22.1	17.1	25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.323 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	6.9	4.2	6.4#

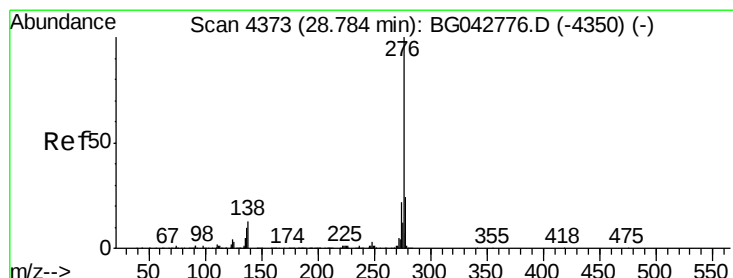
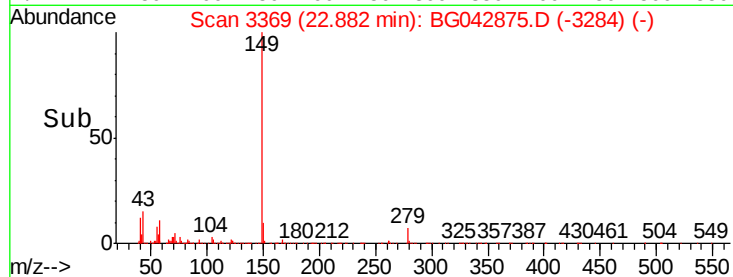
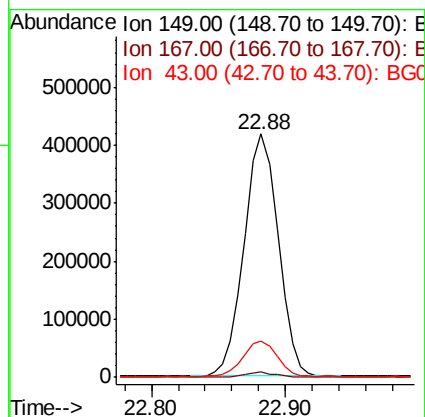
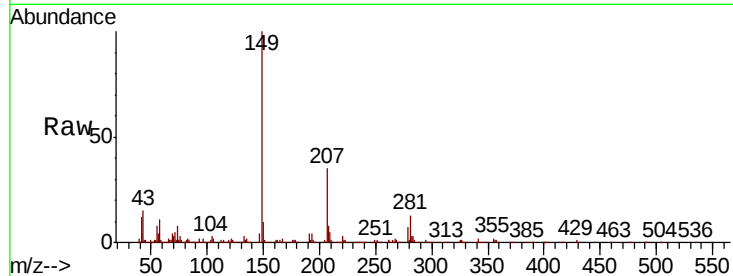




#85
Di-n-octyl phthalate
Concen: 32.850 ng
RT: 22.88 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

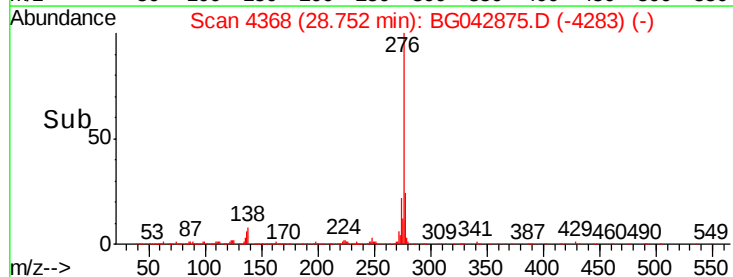
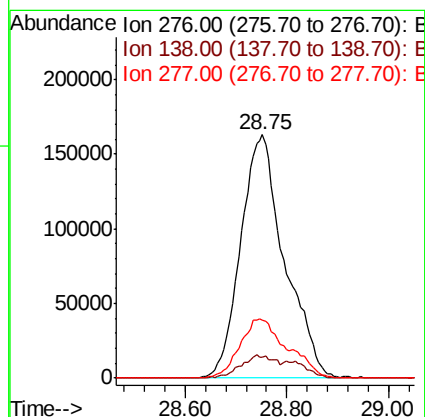
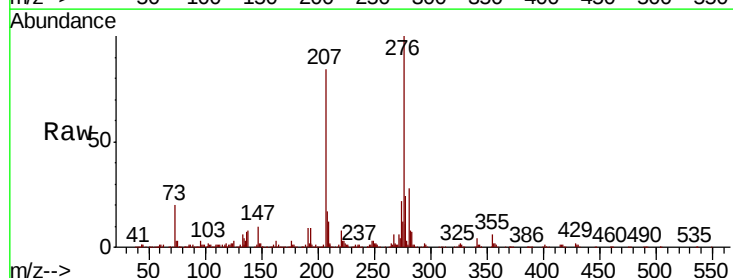
Instrument :
BNA_G
ClientSampled :
SB-12MS

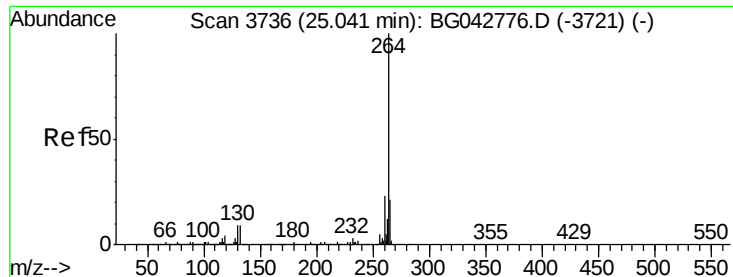
Tot Ion:149 Resp: 737642
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 14.8 10.6 15.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.433 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:276 Resp: 977072
Ion Ratio Lower Upper
276 100
138 7.3 9.3 13.9#
277 26.3 17.2 25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

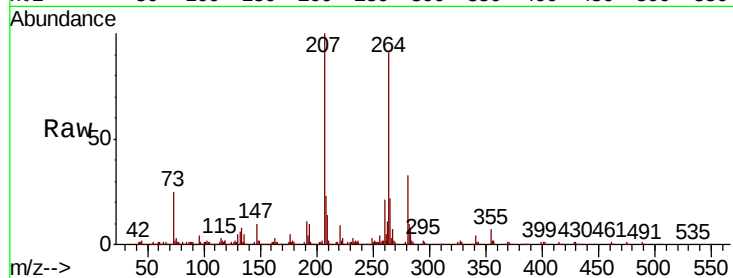
Tot Ion:264 Resp: 397671

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

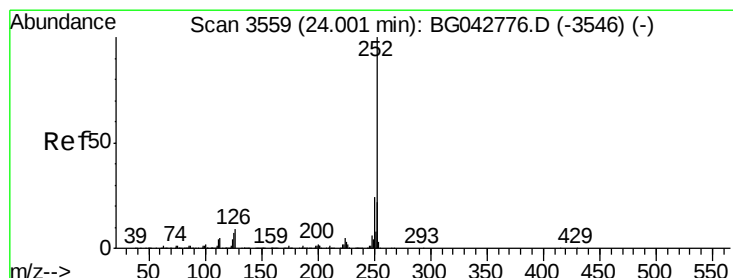
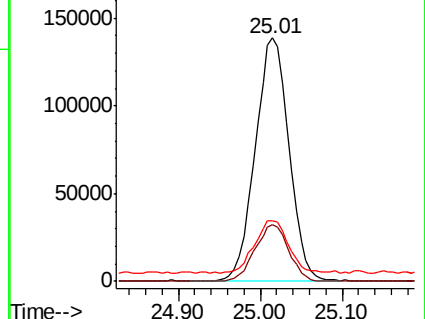
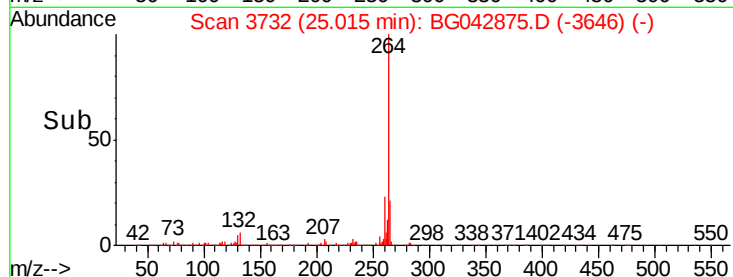
265 24.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.529 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

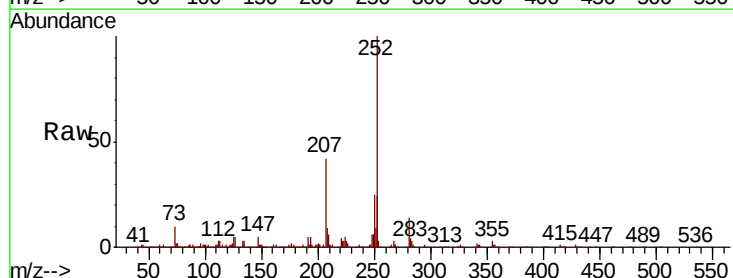
Tgt Ion:252 Resp: 923006

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

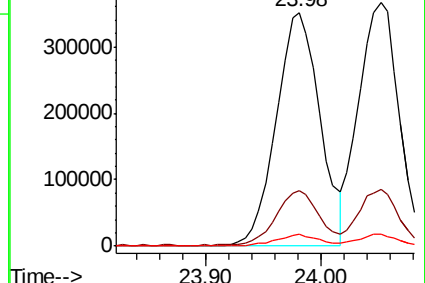
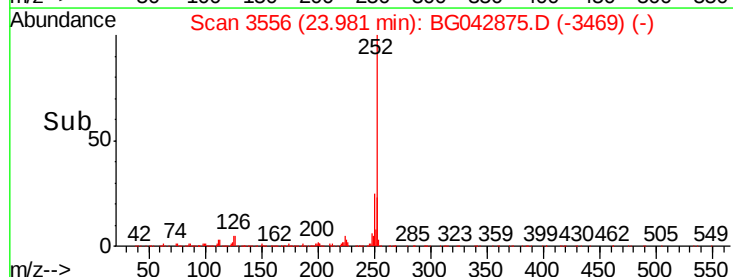
125 4.9 5.6 8.4#

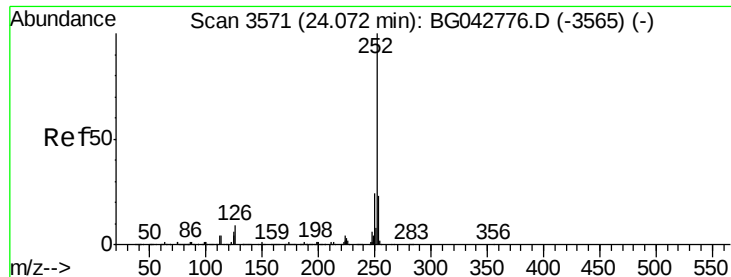


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.028 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

SB-12MS

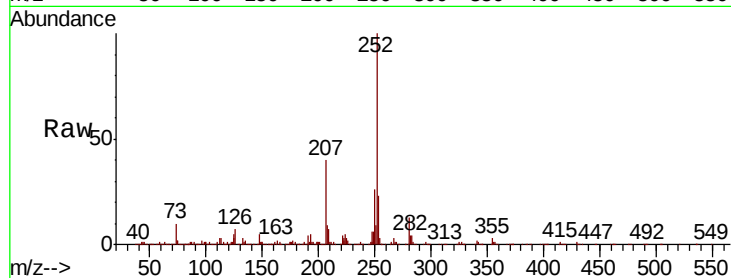
Tot Ion:252 Resp: 882916

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.4

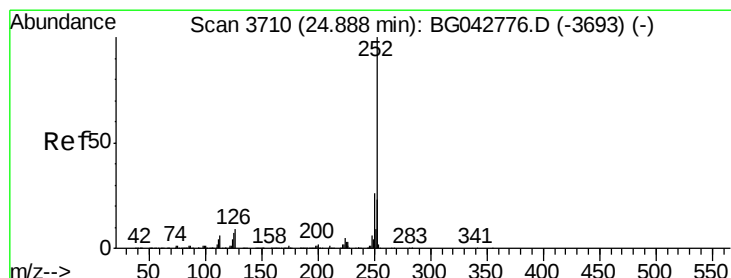
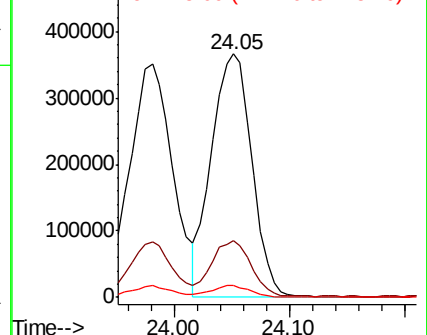
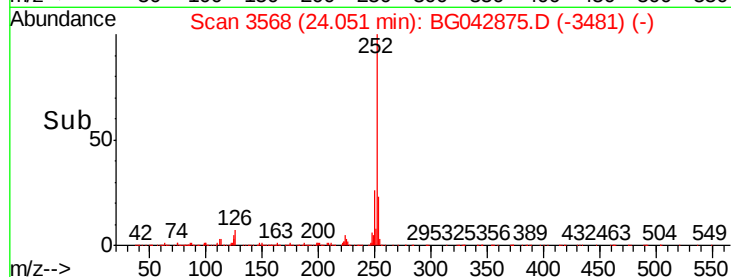
125 4.7 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.440 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

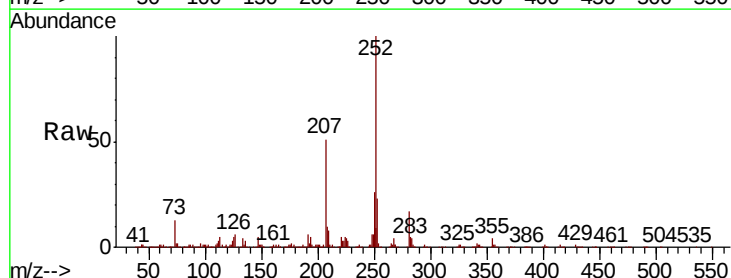
Tgt Ion:252 Resp: 884192

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

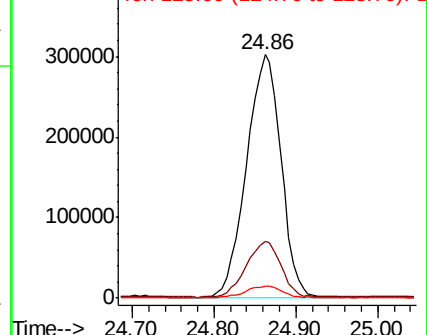
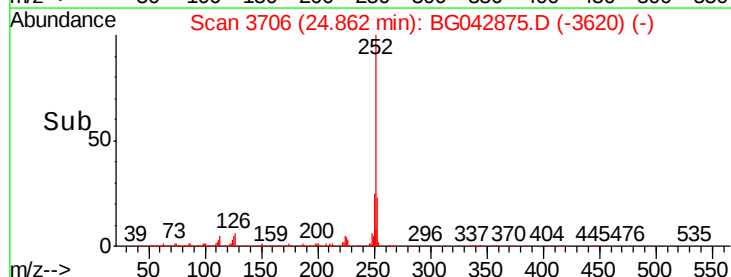
125 5.1 5.7 8.5#

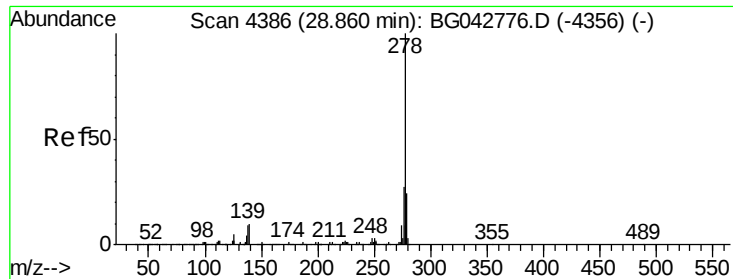


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.545 ng

RT: 28.82 min Scan# 4379

Delta R.T. -0.04 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

SB-12MS

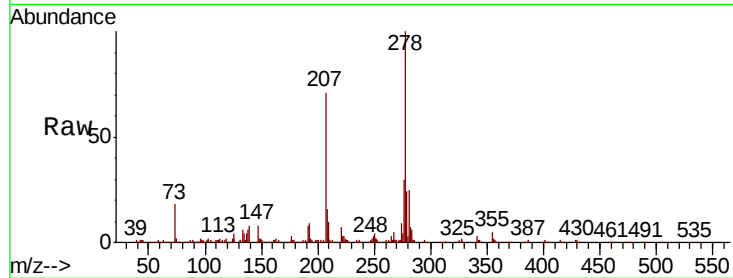
Tot Ion:278 Resp: 828888

Ion Ratio Lower Upper

278 100

139 7.6 8.2 12.2#

279 24.5 19.4 29.2

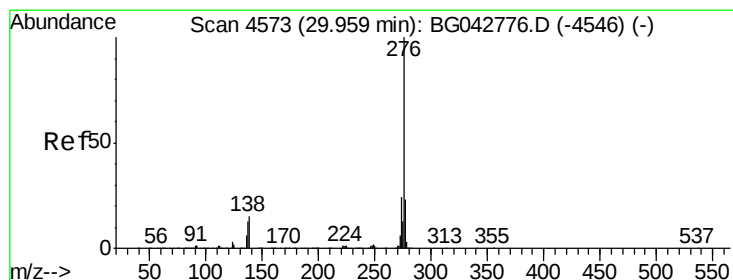
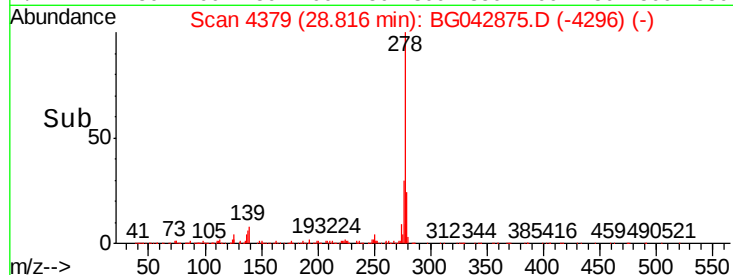
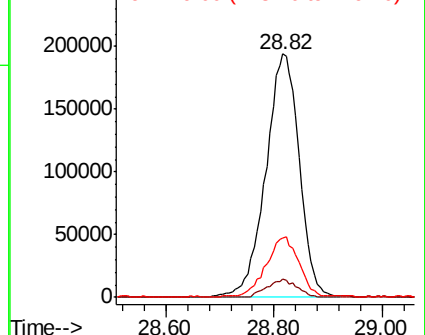


Abundance

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: 39.918 ng

RT: 29.91 min Scan# 4565

Delta R.T. -0.05 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

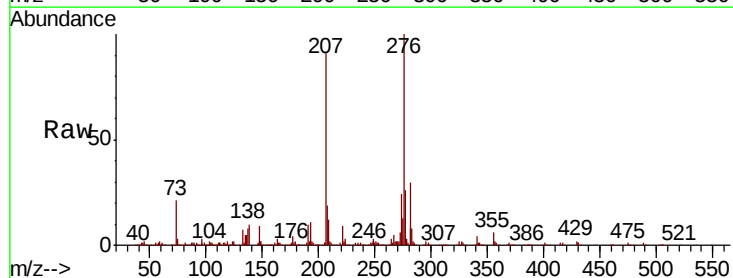
Tgt Ion:276 Resp: 837313

Ion Ratio Lower Upper

276 100

277 25.8 18.4 27.6

138 10.0 11.8 17.8#



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

