

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042478.D
 Acq On : 25 Aug 2019 15:09
 Operator : HP/JU
 Sample : K4451-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 06:32:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57695	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	214554	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	160939	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	327859	20.00	ng	0.00
76) Chrysene-d12	21.69	240	368718	20.00	ng	0.00
87) Perylene-d12	24.92	264	435389	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	394389	138.44	ng	0.00
7) Phenol-d6	7.17	99	534154	138.81	ng	0.00
23) Nitrobenzene-d5	9.17	82	328988	105.96	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	291283	127.34	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	903763	94.98	ng	0.00
79) Terphenyl-d14	20.03	244	1425724	83.60	ng	0.00

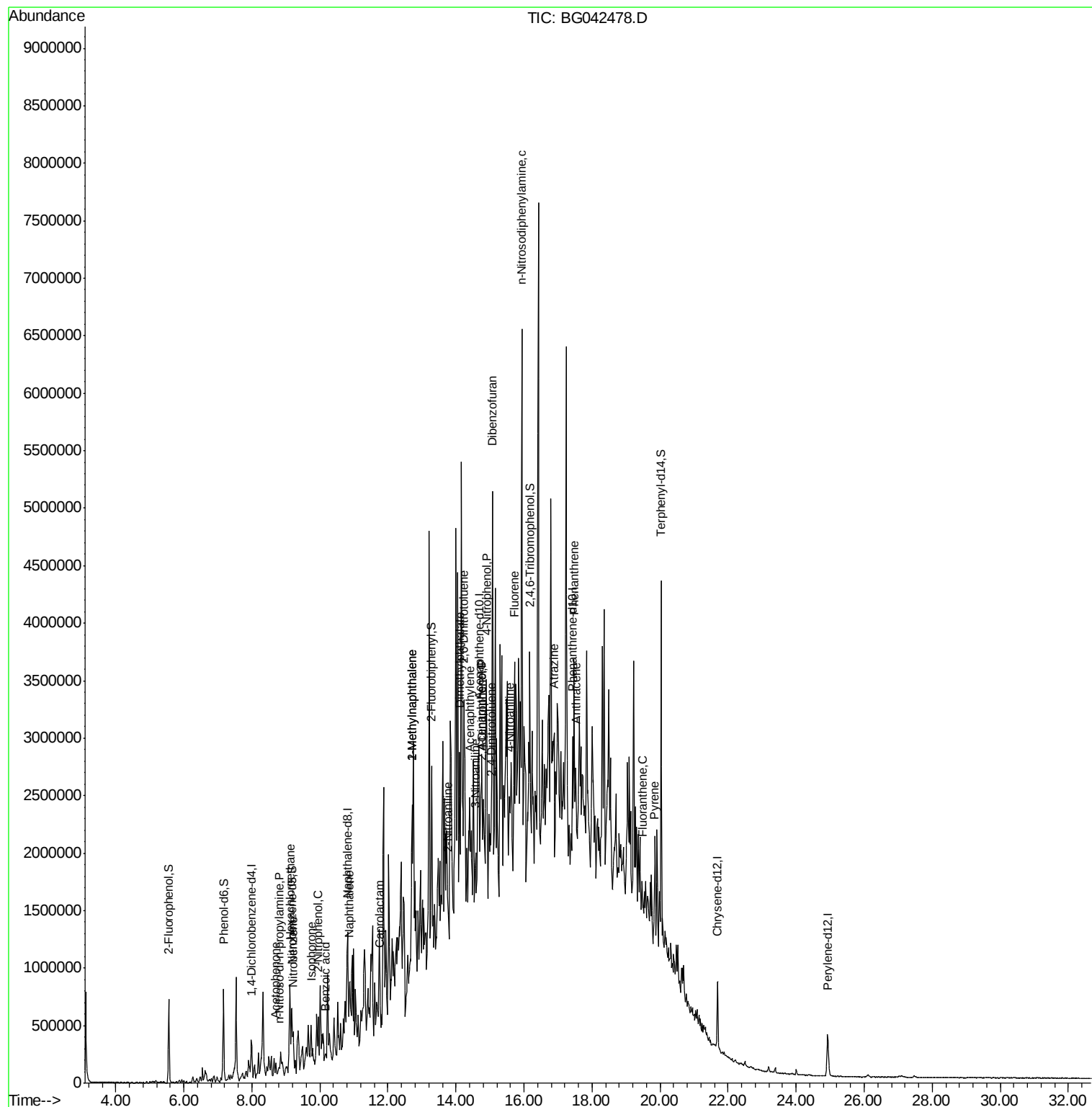
Target Compounds				Qvalue		
18) Hexachloroethane	9.12	117	68644	45.072	ng	# 1
19) n-Nitroso-di-n-propylamine	8.78	70	7179	2.880	ng	# 64
22) Acetophenone	8.70	105	15821	3.448	ng	# 47
24) Nitrobenzene	9.20	77	10726	3.412	ng	# 41
25) Isophorone	9.74	82	39734	6.485	ng	# 1
26) 2-Nitrophenol	9.94	139	5090	2.583	ng	# 1
31) Naphthalene	10.88	128	24841	2.494	ng	# 1
32) Benzoic acid	10.15	122	793	8.503	ng	# 1
35) Caprolactam	11.78	113	4685	3.954	ng	# 1
37) 2-Methylnaphthalene	12.71	142	690939	86.385	ng	# 94
38) 1-Methylnaphthalene	12.71	142	690939	90.944	ng	# 97
48) 2-Nitroaniline	13.76	65	5179	2.394	ng	# 21
49) Acenaphthylene	14.40	152	48709	3.609	ng	# 1
50) Dimethylphthalate	14.11	163	170022	14.641	ng	# 76
51) 2,6-Dinitrotoluene	14.23	165	12284	4.564	ng	# 1
52) Acenaphthene	14.74	154	113356	13.833	ng	# 84
53) 3-Nitroaniline	14.58	138	11402	4.236	ng	# 52
54) 2,4-Dinitrophenol	14.78	184	2408	7.485	ng	# 1
55) Dibenzofuran	15.07	168	164109	12.098	ng	# 1
56) 4-Nitrophenol	14.88	139	90480	47.302	ng	# 69
57) 2,4-Dinitrotoluene	15.03	165	15808	4.101	ng	# 66
58) Fluorene	15.72	166	370012	33.370	ng	# 90
62) 4-Nitroaniline	15.56	138	13071	4.537	ng	# 79
66) n-Nitrosodiphenylamine	15.94	169	481084	53.357	ng	# 52
69) Atrazine	16.89	200	17948	5.629	ng	# 66
71) Phenanthrene	17.47	178	914974	56.184	ng	# 93
72) Anthracene	17.52	178	39988	2.460	ng	# 1
75) Fluoranthene	19.48	202	58266	2.932	ng	# 68
78) Pyrene	19.84	202	294157	13.012	ng	# 94

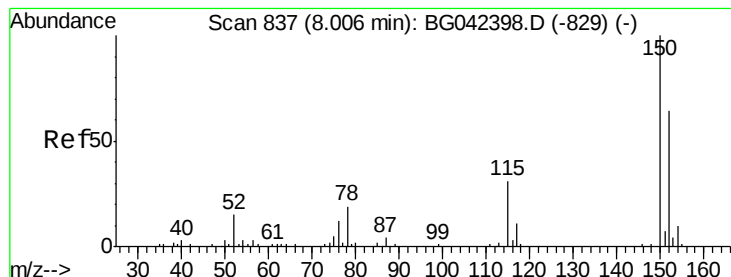
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

Instrument :

BNA_G

ClientSampleId :

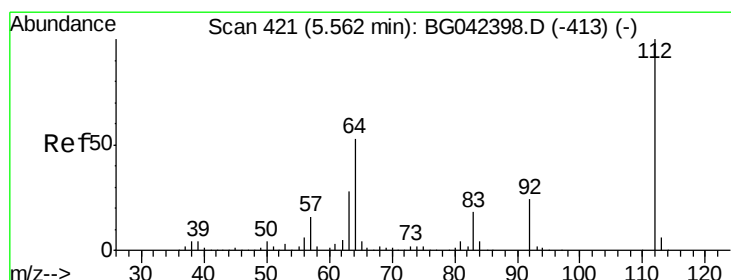
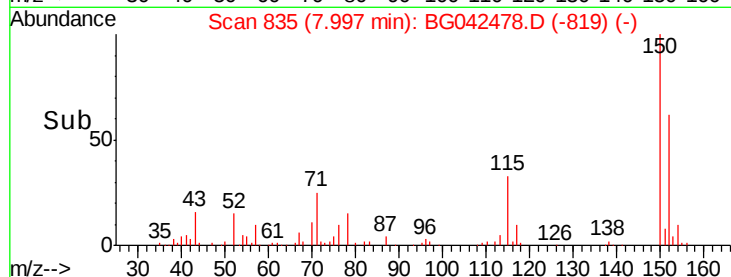
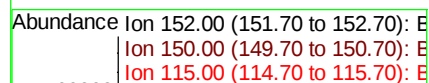
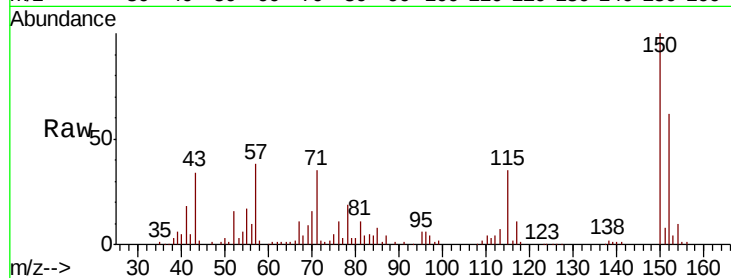
Tot Ion:152 Resp: 57695

Ion Ratio Lower Upper

152 100

150 160.6 125.4 188.0

115 56.2 38.5 57.7



#5

2-Fluorophenol

Concen: 138.444 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

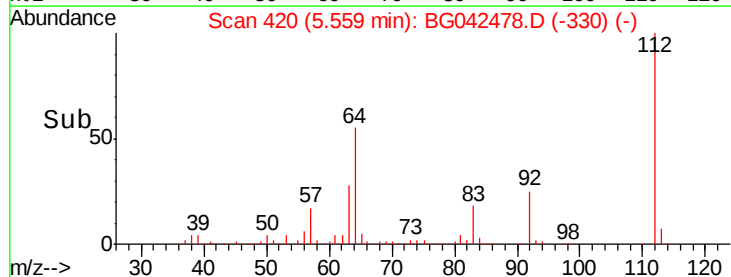
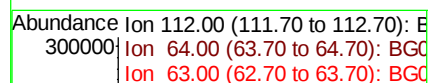
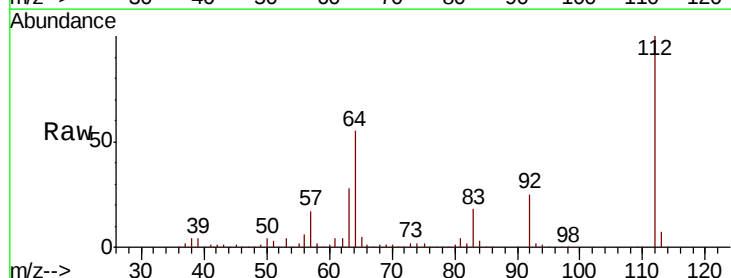
Tgt Ion:112 Resp: 394389

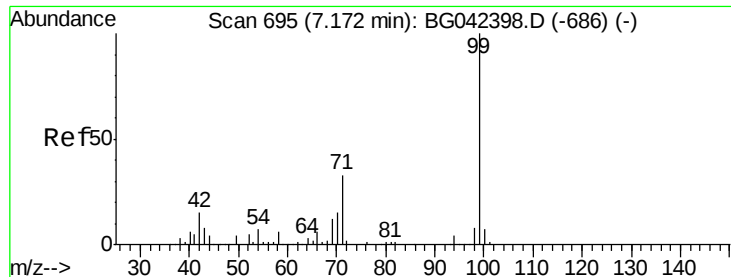
Ion Ratio Lower Upper

112 100

64 54.5 42.8 64.2

63 28.0 22.7 34.1





#7

Phenol-d6

Concen: 138.814 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

Instrument :

BNA_G

ClientSampleId :

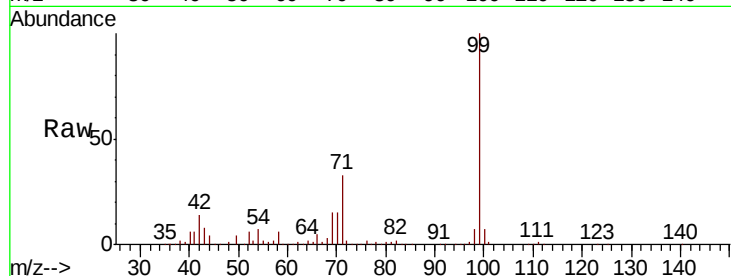
Tot Ion: 99 Resp: 534154

Ion Ratio Lower Upper

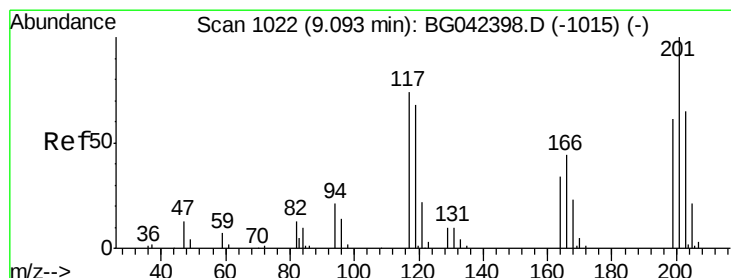
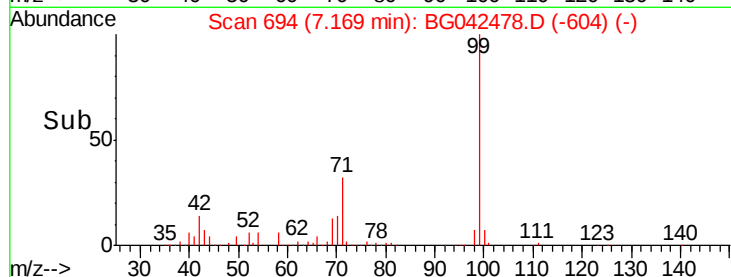
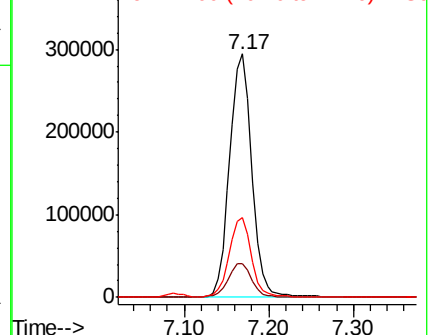
99 100

42 14.0 12.0 18.0

71 33.0 26.3 39.5



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



#18

Hexachloroethane

Concen: 45.072 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.03 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

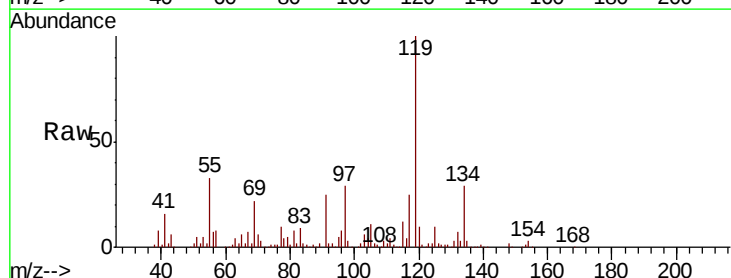
Tgt Ion: 117 Resp: 68644

Ion Ratio Lower Upper

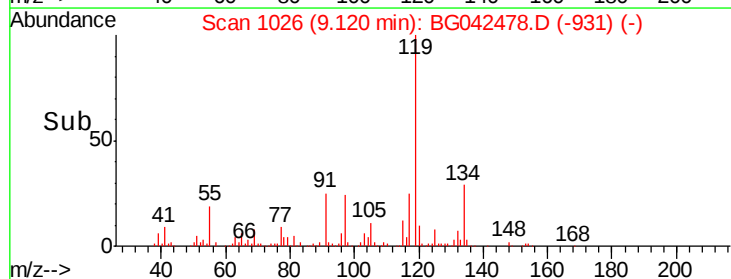
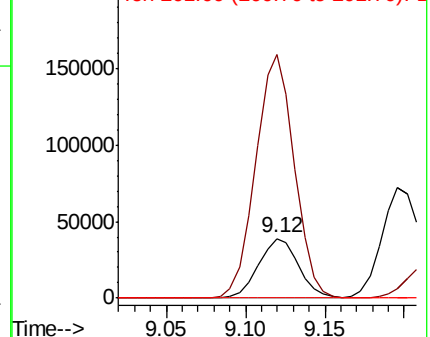
117 100

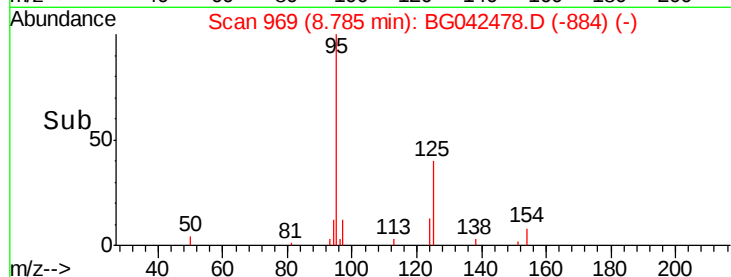
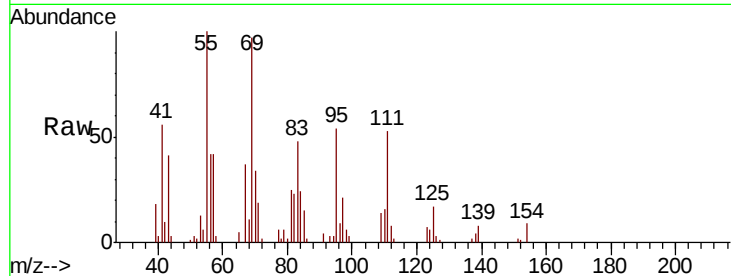
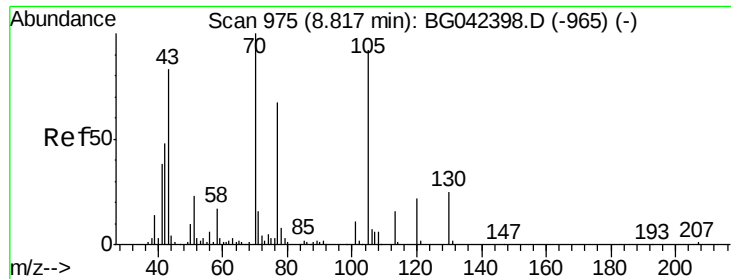
119 406.3 73.8 110.8#

201 0.0 108.3 162.5#



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

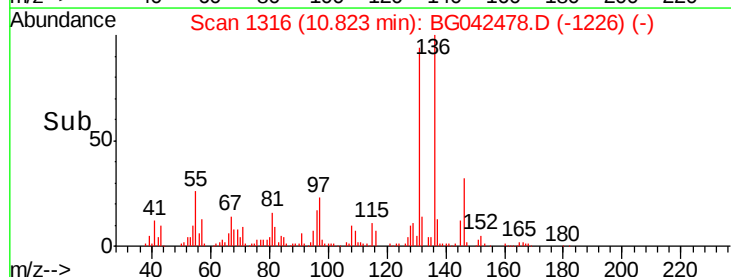
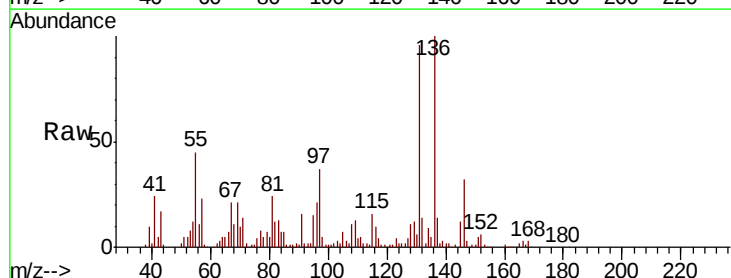
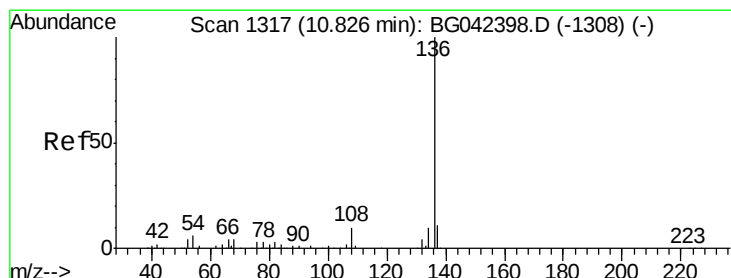
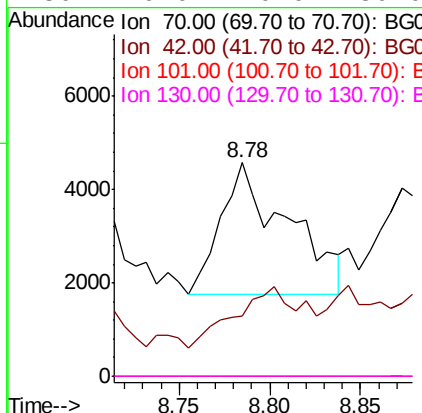




#19
n-Nitroso-di-n-propylamine
Concen: 2.880 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.03 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

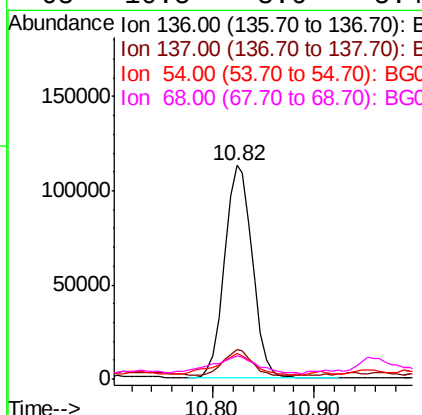
Instrument :
BNA_G
ClientSampleId :

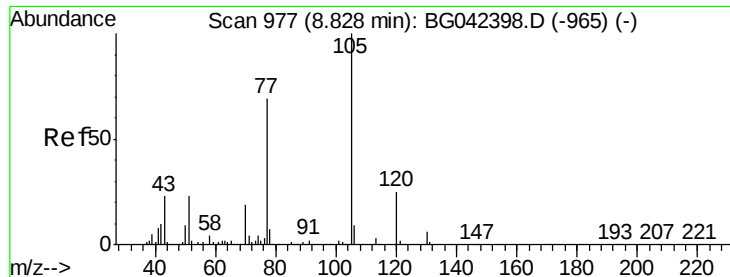
Tot Ion: 70 Resp: 7179
Ion Ratio Lower Upper
70 100
42 28.3 38.8 58.2#
101 0.0 9.0 13.6#
130 0.0 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

Tgt Ion:136 Resp: 214554
Ion Ratio Lower Upper
136 100
137 13.8 8.7 13.1#
54 11.9 4.9 7.3#
68 10.5 3.6 5.4#

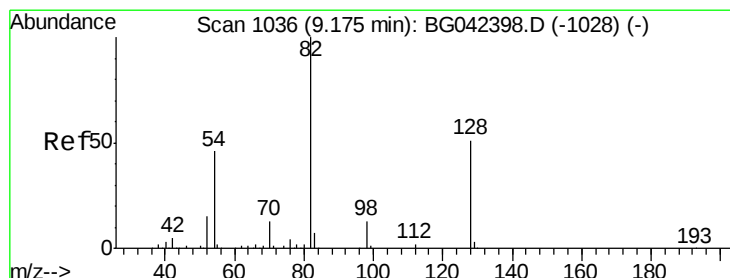
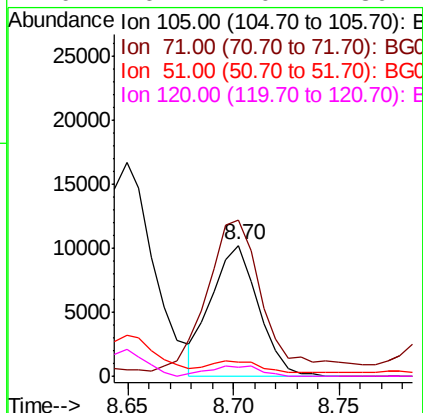
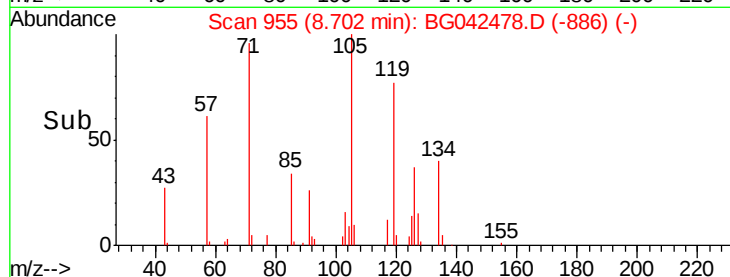
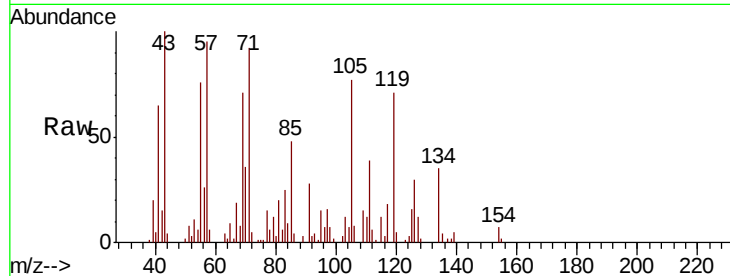




#22
Acetophenone
Concen: 3.448 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.13 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

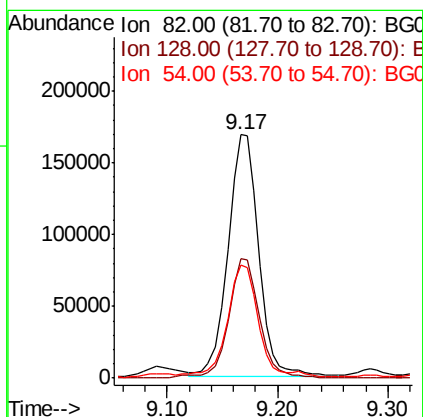
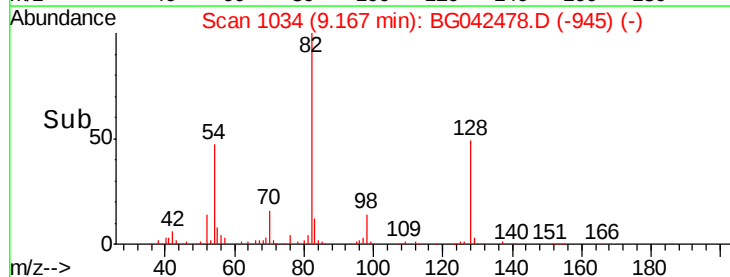
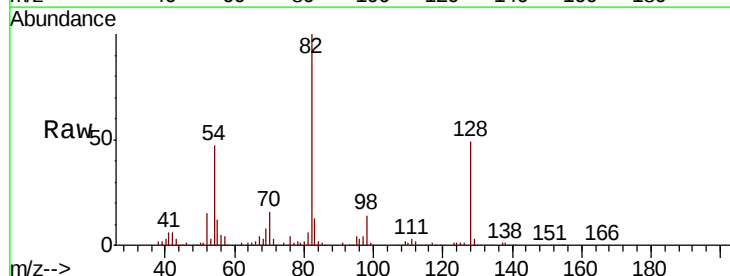
Instrument :
BNA_G
ClientSampleId :

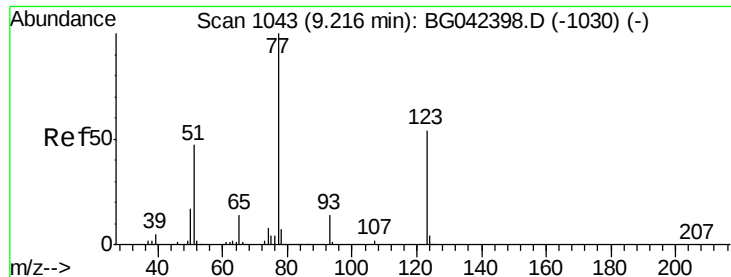
Tot Ion:105 Resp: 15821
Ion Ratio Lower Upper
105 100
71 119.2 2.8 4.2#
51 10.4 18.7 28.1#
120 6.7 20.1 30.1#



#23
Nitrobenzene-d5
Concen: 105.961 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

Tgt Ion: 82 Resp: 328988
Ion Ratio Lower Upper
82 100
128 48.9 40.7 61.1
54 46.7 36.3 54.5

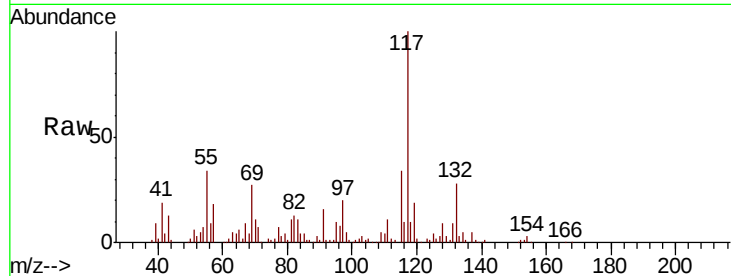




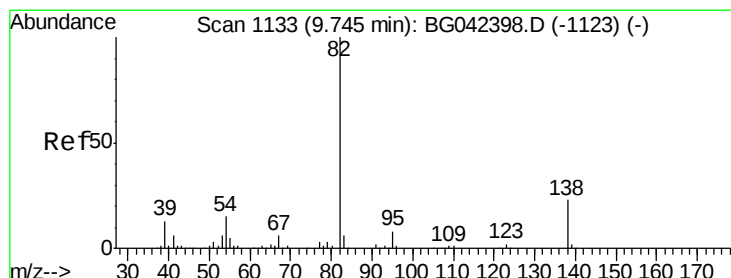
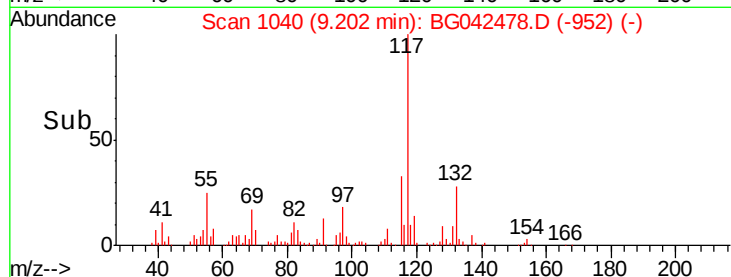
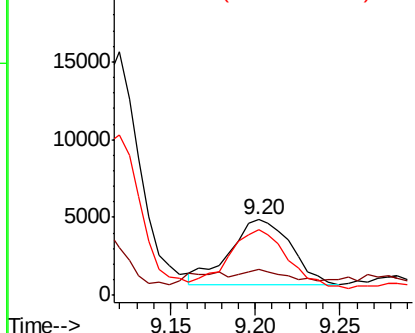
#24
 Nitrobenzene
 Concen: 3.412 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG042478.D
 Acq: 25 Aug 2019 15:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
123	34.9	43.4	65.0#
65	87.7	11.0	16.6#

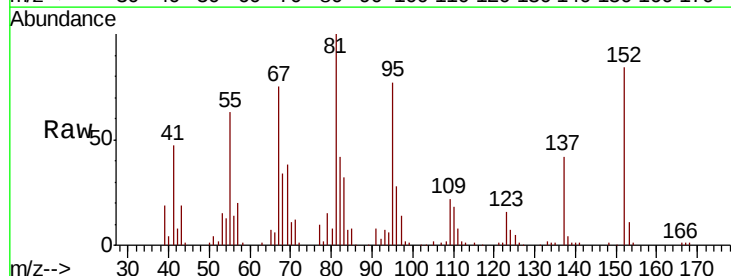


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

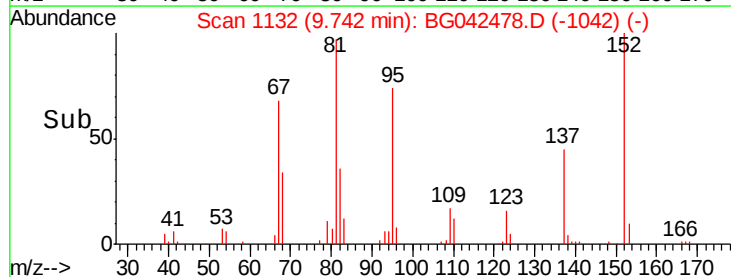
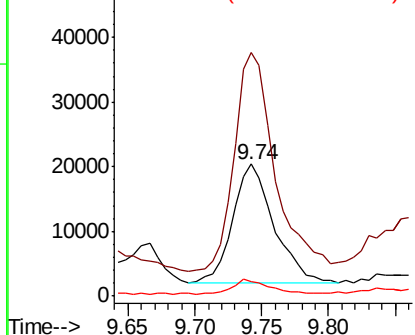


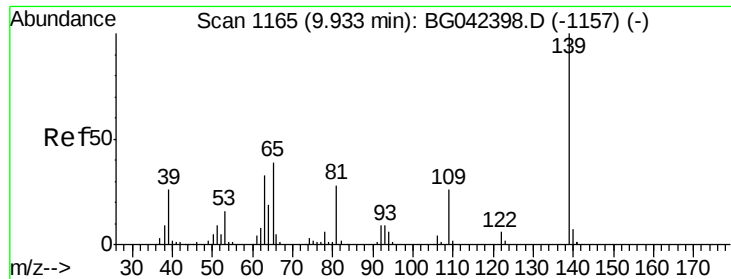
#25
 Isophorone
 Concen: 6.485 ng
 RT: 9.74 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG042478.D
 Acq: 25 Aug 2019 15:09

Tgt Ion	Ratio	Lower	Upper
82	100		
95	184.3	6.6	9.8#
138	10.8	18.6	27.8#



Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC

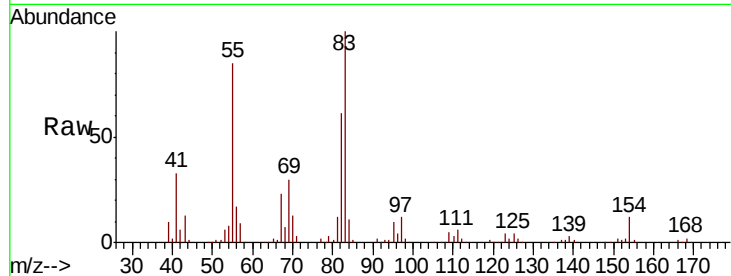




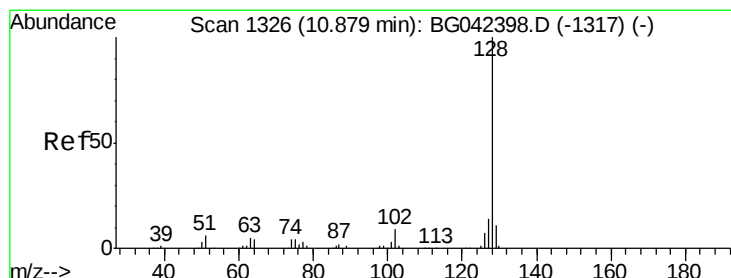
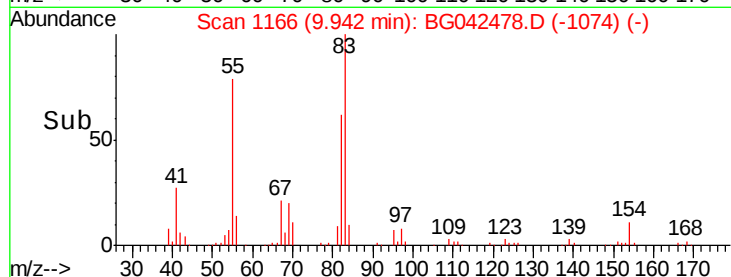
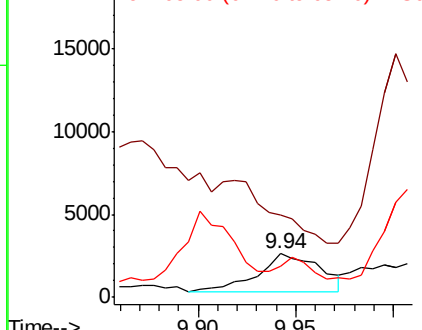
#26
2-Nitrophenol
Concen: 2.583 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:139 Resp: 5090
Ion Ratio Lower Upper
139 100
109 188.4 20.5 30.7#
65 71.8 30.9 46.3#

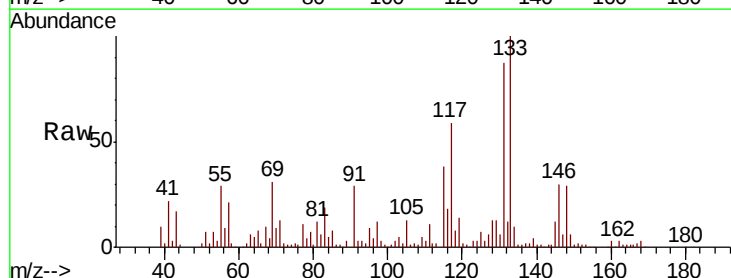


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

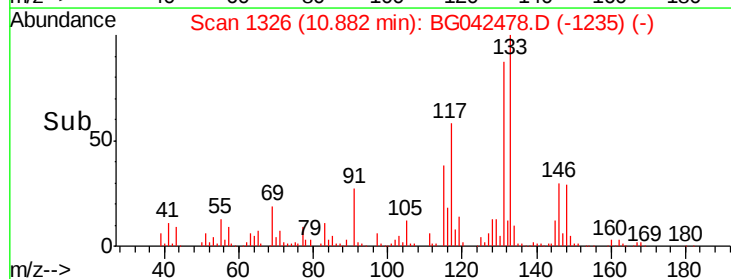
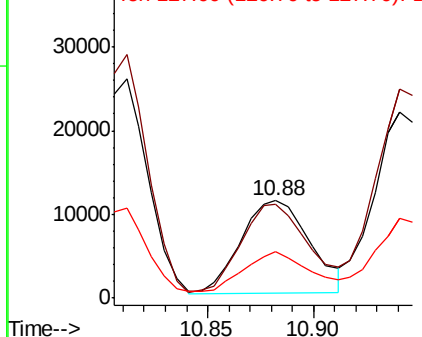


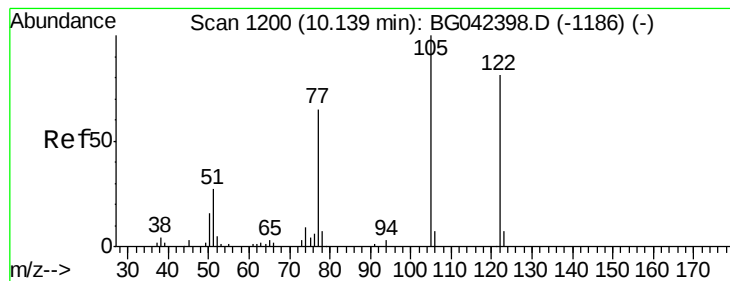
#31
Naphthalene
Concen: 2.494 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

Tgt Ion:128 Resp: 24841
Ion Ratio Lower Upper
128 100
129 96.7 8.8 13.2#
127 47.8 11.4 17.0#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.503 ng

RT: 10.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

Instrument :

BNA_G

ClientSampled :

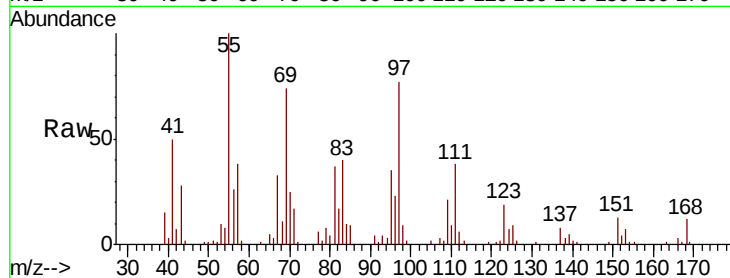
Tot Ion:122 Resp: 793

Ion Ratio Lower Upper

122 100

105 66.9 99.6 139.6#

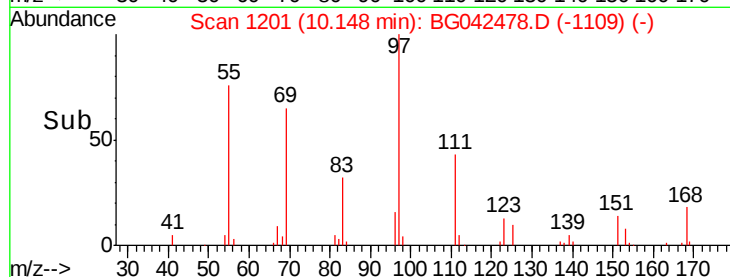
77 267.6 59.5 99.5#



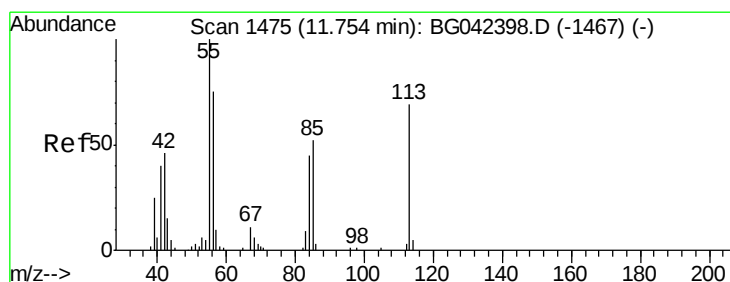
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time-->



#35

Caprolactam

Concen: 3.954 ng

RT: 11.78 min Scan# 1478

Delta R.T. 0.02 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

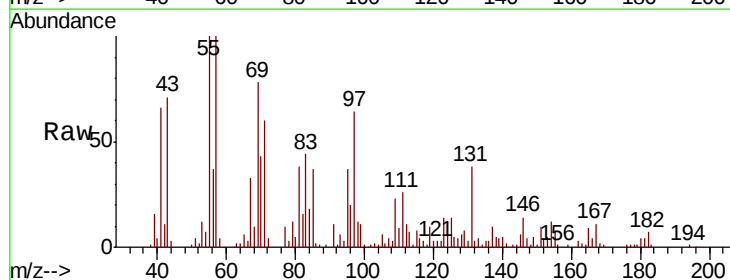
Tgt Ion:113 Resp: 4685

Ion Ratio Lower Upper

113 100

55 1529.8 124.6 164.6#

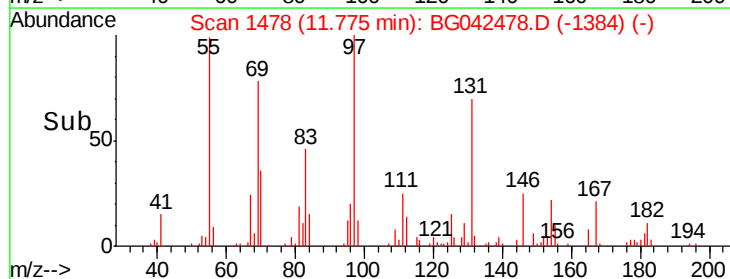
56 570.2 88.3 128.3#



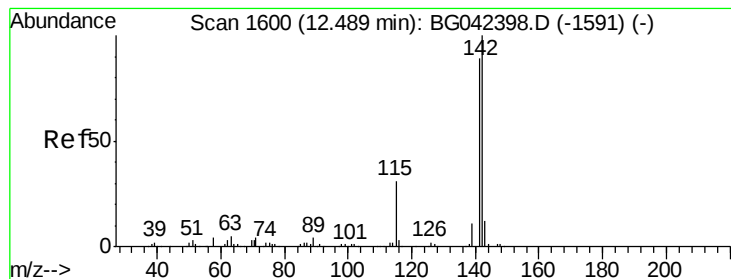
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



Time-->



#37

2-Methylnaphthalene

Concen: 86.385 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.22 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

Instrument :

BNA_G

ClientSampleId :

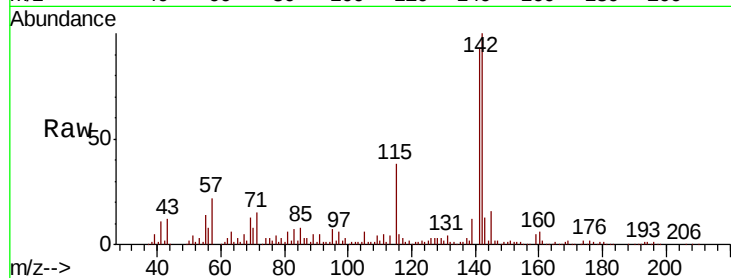
Tot Ion:142 Resp: 690939

Ion Ratio Lower Upper

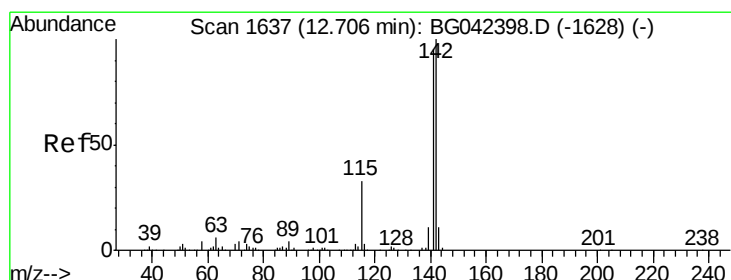
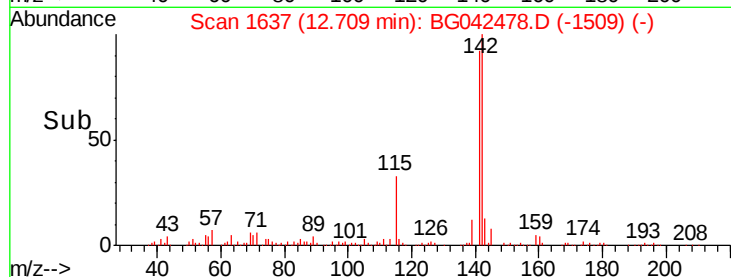
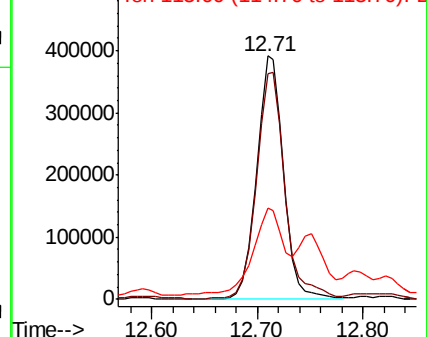
142 100

141 92.7 71.4 107.2

115 37.7 25.2 37.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 90.944 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

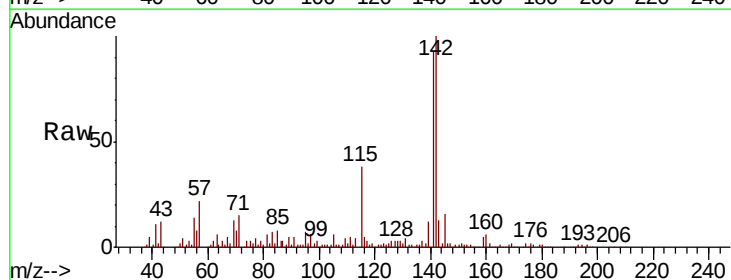
Tgt Ion:142 Resp: 690939

Ion Ratio Lower Upper

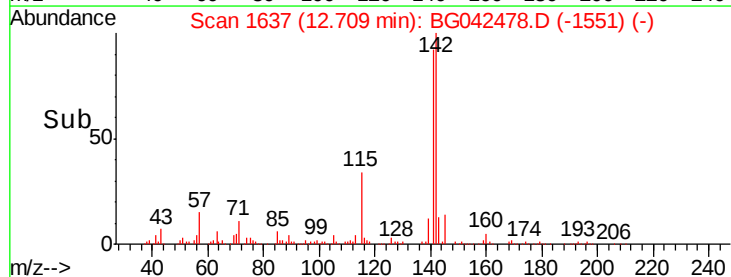
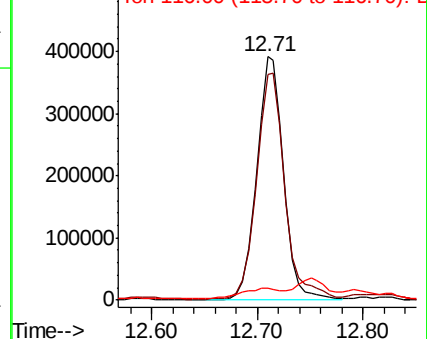
142 100

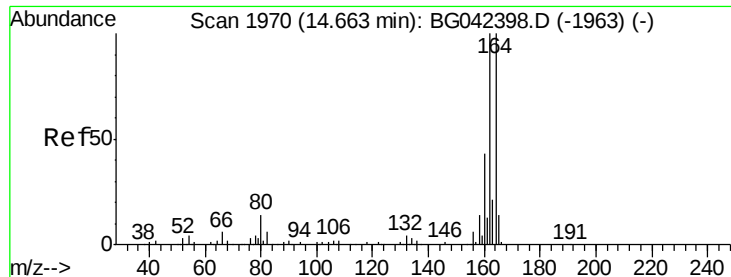
141 92.7 76.2 114.2

116 4.9 2.8 4.2#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

Instrument :

BNA_G

ClientSampleId :

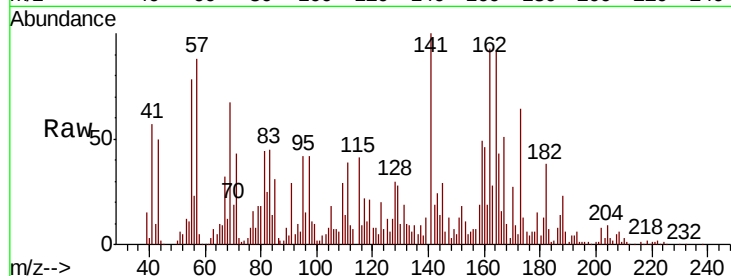
Tot Ion:164 Resp: 160939

Ion Ratio Lower Upper

164 100

162 100.9 79.9 119.9

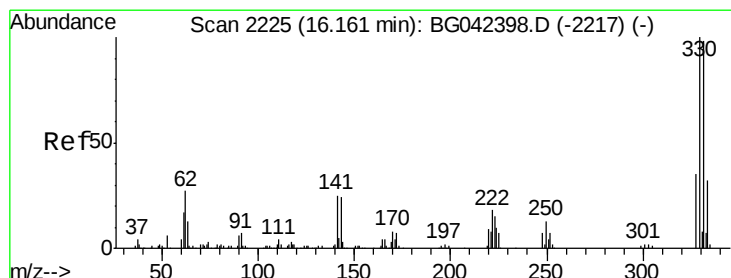
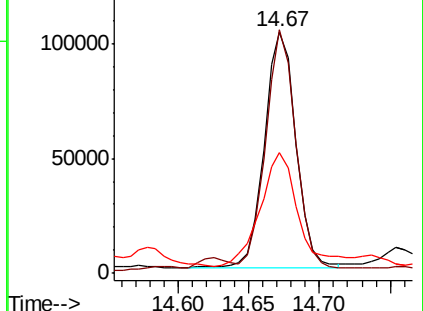
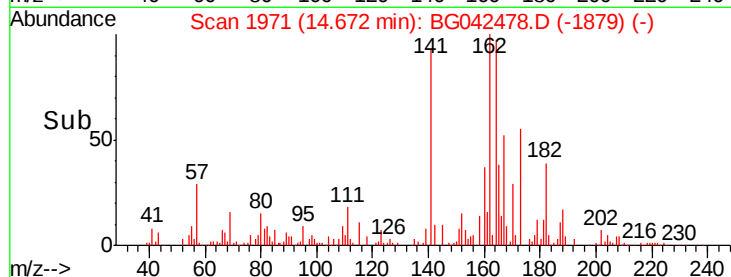
160 50.3 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 127.338 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

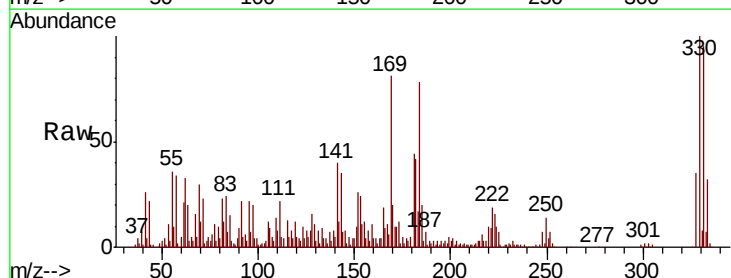
Tgt Ion:330 Resp: 291283

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

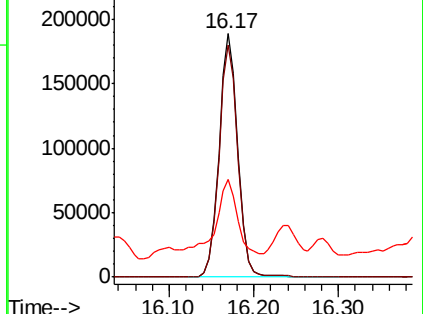
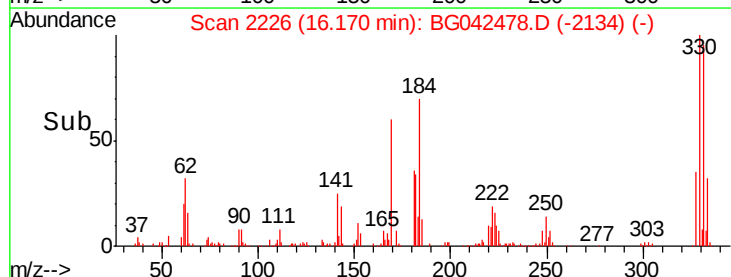
141 33.6 21.4 32.0#

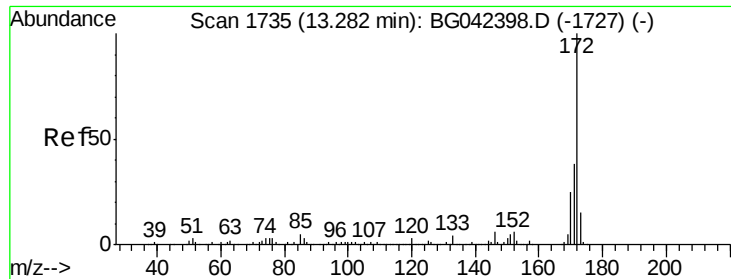


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

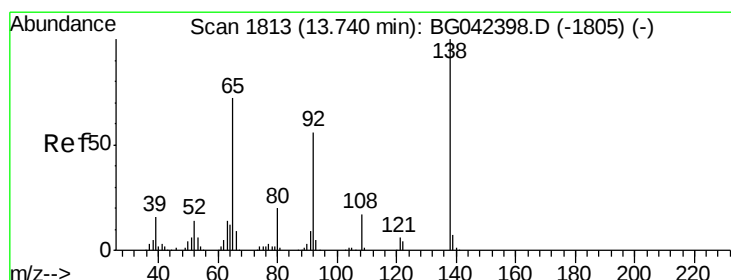
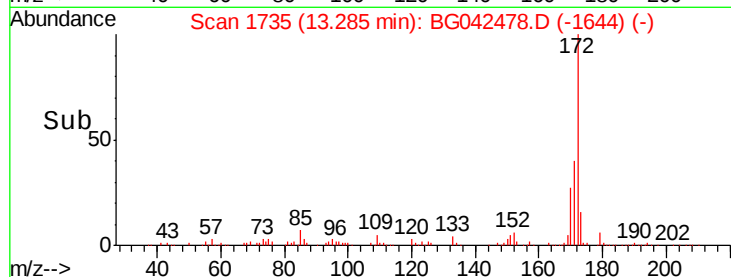
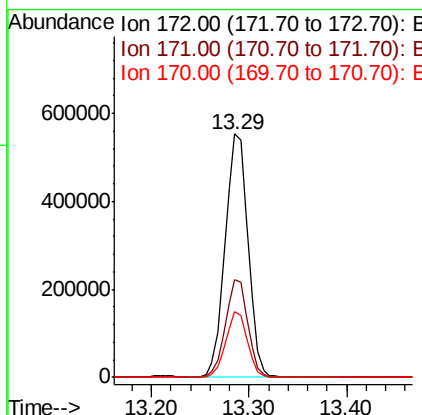
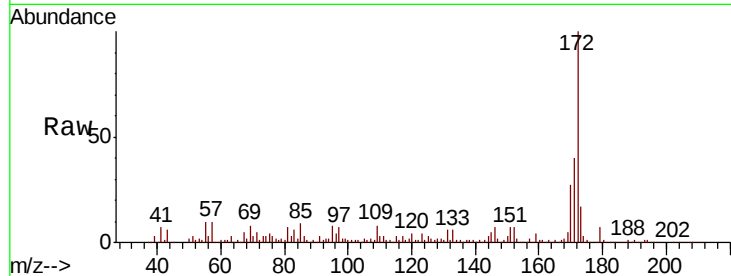




#45
2-Fluorobiphenyl
Concen: 94.975 ng
RT: 13.29 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

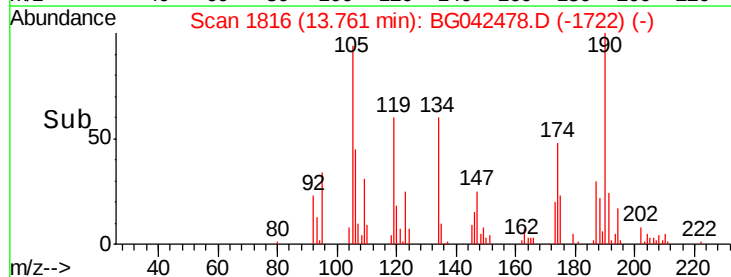
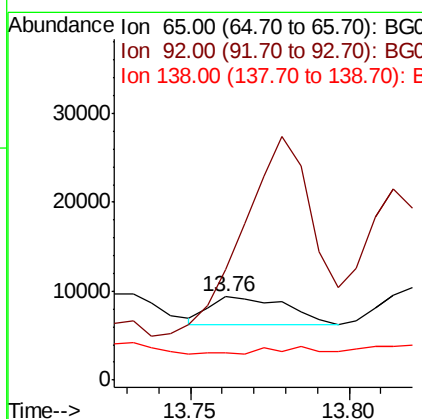
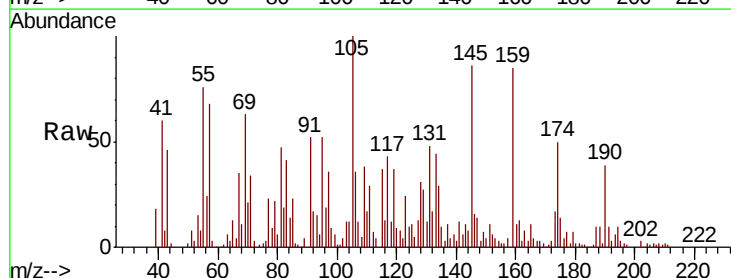
Instrument :
BNA_G
ClientSampleId :

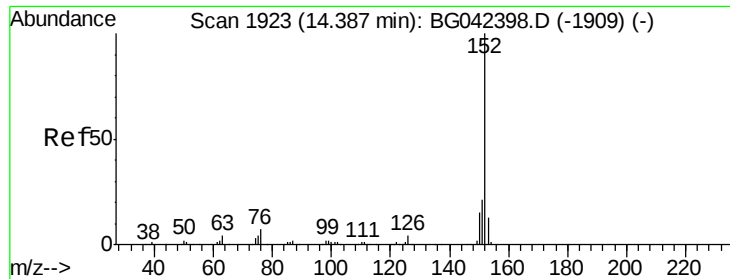
Tot Ion:172 Resp: 903763
Ion Ratio Lower Upper
172 100
171 39.9 30.5 45.7
170 26.8 20.2 30.2



#48
2-Nitroaniline
Concen: 2.394 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.02 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

Tgt Ion: 65 Resp: 5179
Ion Ratio Lower Upper
65 100
92 132.3 61.8 92.6#
138 32.4 111.0 166.6#





#49

Acenaphthylene

Concen: 3.609 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

Instrument :

BNA_G

ClientSampled :

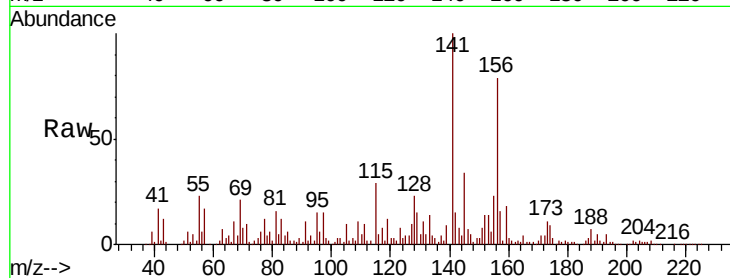
Tot Ion:152 Resp: 48709

Ion Ratio Lower Upper

152 100

151 52.8 17.0 25.4#

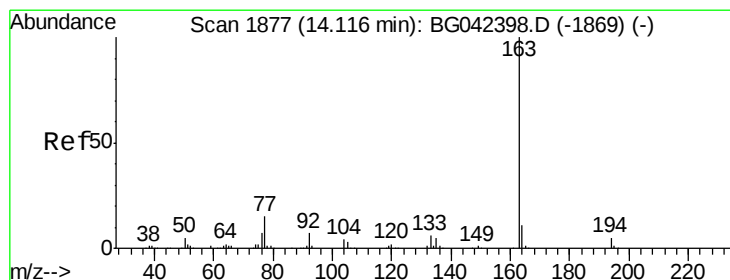
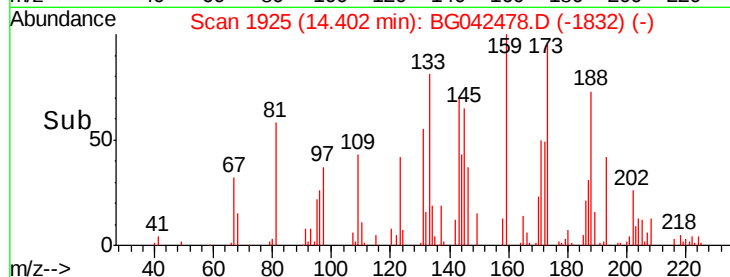
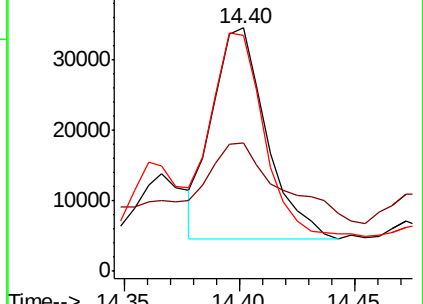
153 96.7 10.6 16.0#



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: 14.641 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

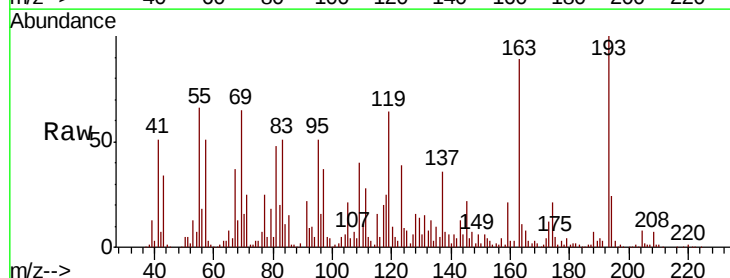
Tgt Ion:163 Resp: 170022

Ion Ratio Lower Upper

163 100

194 27.0 4.2 6.2#

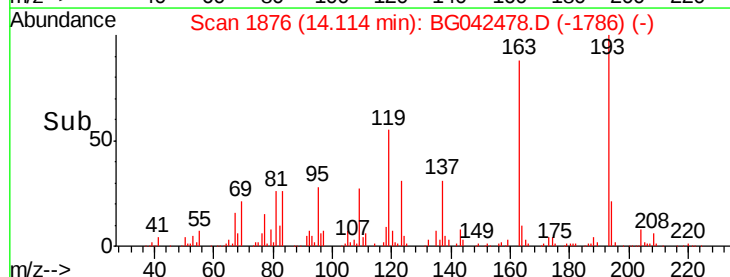
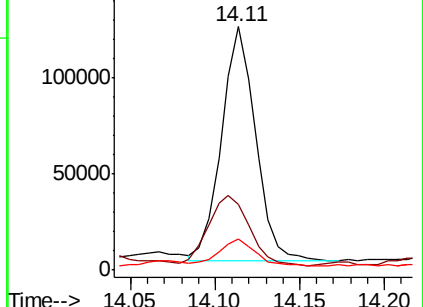
164 12.6 8.8 13.2

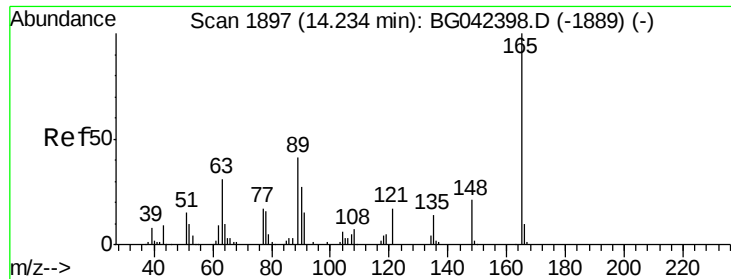


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

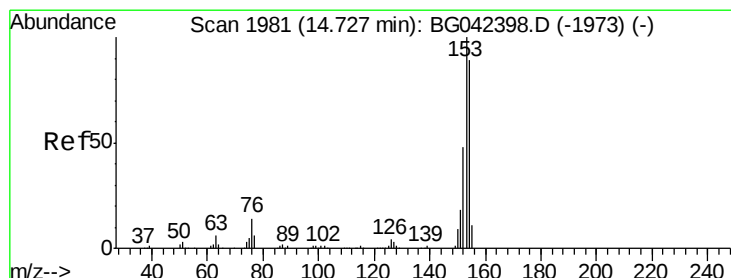
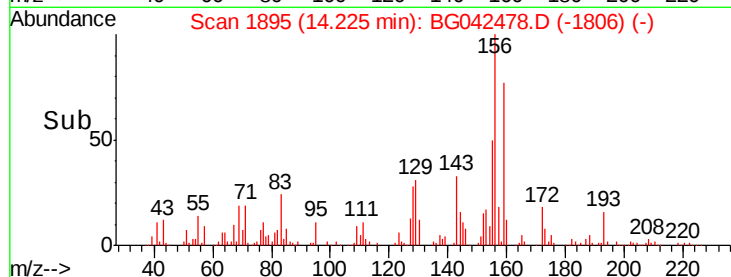
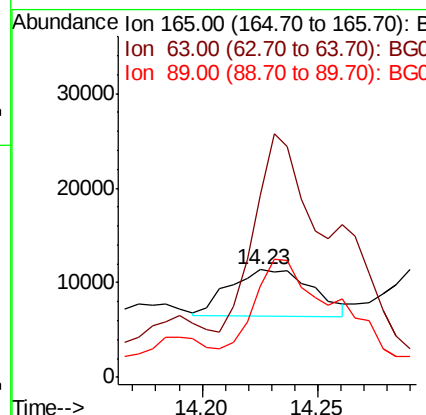
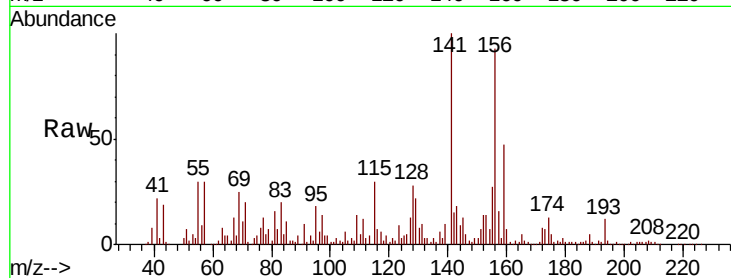




#51
 2,6-Dinitrotoluene
 Concen: 4.564 ng
 RT: 14.23 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG042478.D
 Acq: 25 Aug 2019 15:09

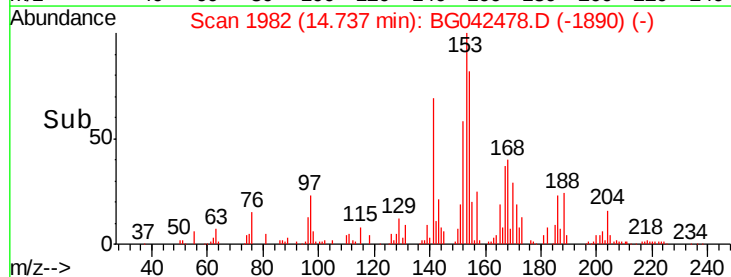
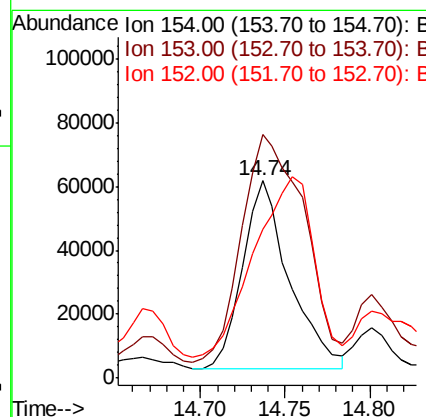
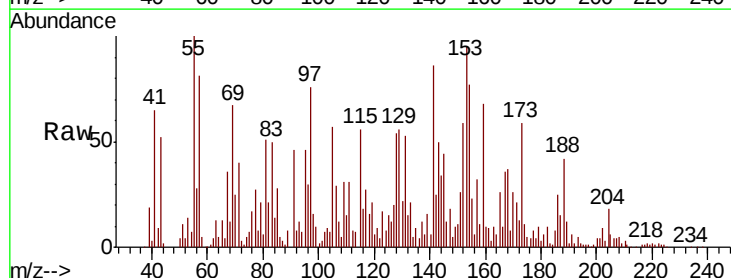
Instrument :
 BNA_G
 ClientSampleId :

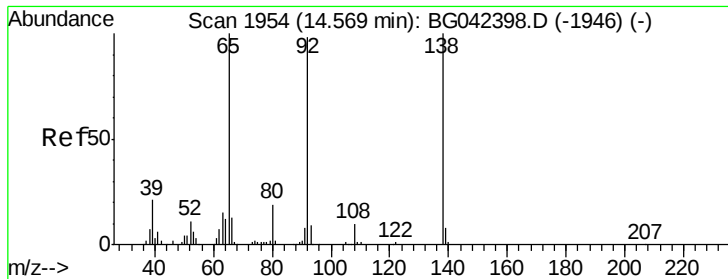
Tot Ion:165 Resp: 12284
 Ion Ratio Lower Upper
 165 100
 63 169.1 30.6 45.8#
 89 85.2 32.6 49.0#



#52
 Acenaphthene
 Concen: 13.833 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: BG042478.D
 Acq: 25 Aug 2019 15:09

Tgt Ion:154 Resp: 113356
 Ion Ratio Lower Upper
 154 100
 153 123.4 90.2 135.4
 152 75.7 43.2 64.8#





#53

3-Nitroaniline

Concen: 4.236 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

Instrument :

BNA_G

ClientSampled :

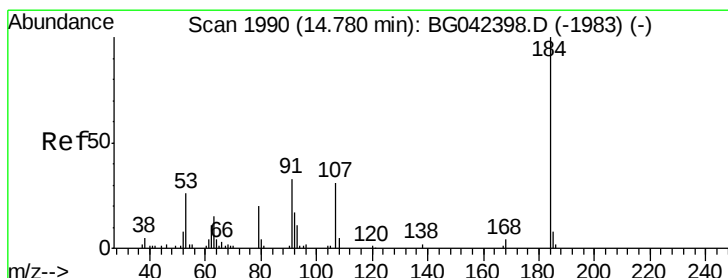
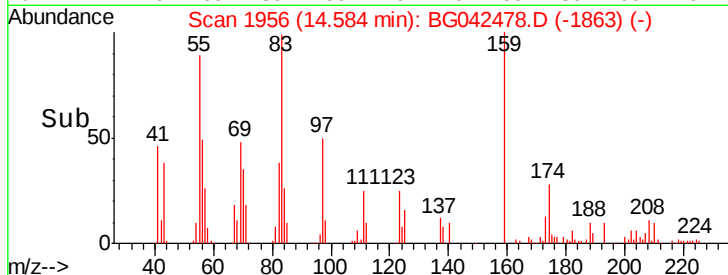
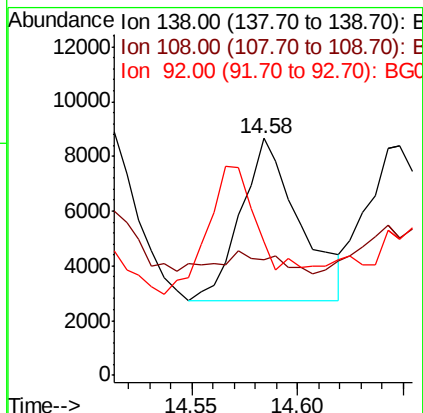
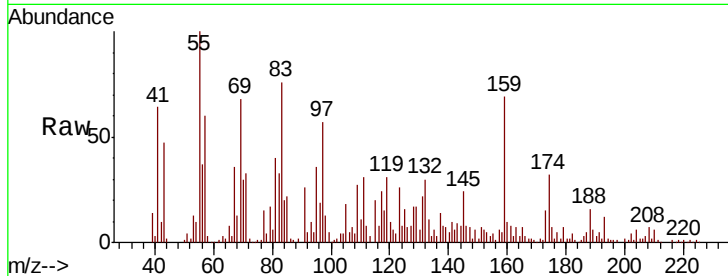
Tot Ion:138 Resp: 11402

Ion Ratio Lower Upper

138 100

108 48.6 8.3 12.5#

92 56.1 78.2 117.4#



#54

2,4-Dinitrophenol

Concen: 7.485 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

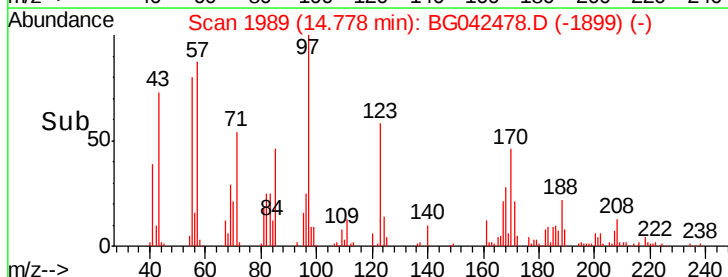
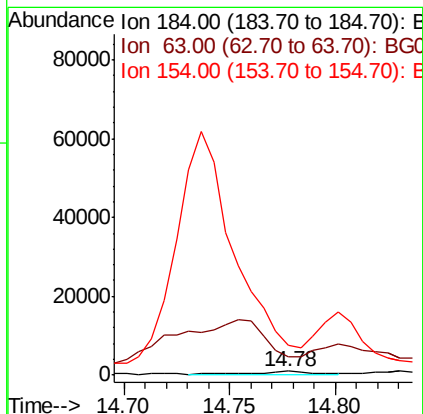
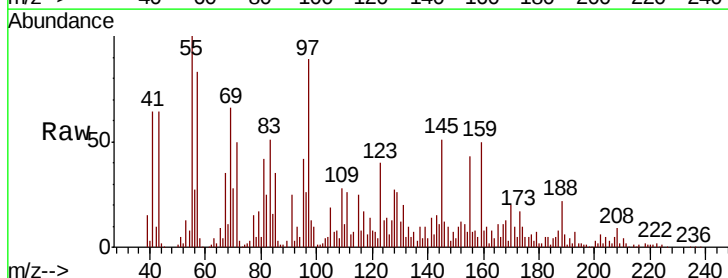
Tgt Ion:184 Resp: 2408

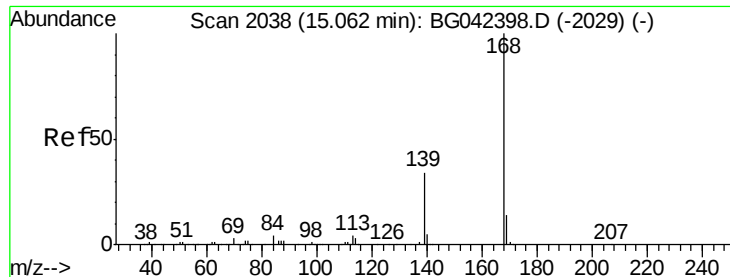
Ion Ratio Lower Upper

184 100

63 443.8 31.7 47.5#

154 700.6 42.0 63.0#





#55

Dibenzofuran

Concen: 12.098 ng

RT: 15.07 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

Instrument :

BNA_G

ClientSampleId :

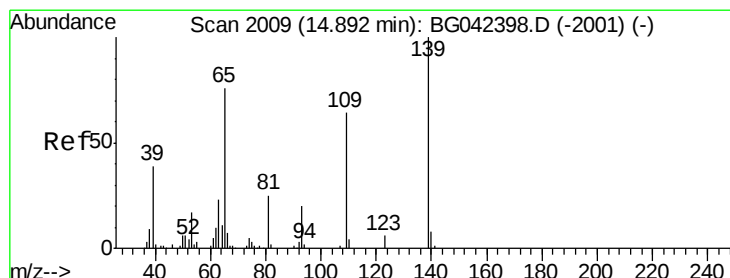
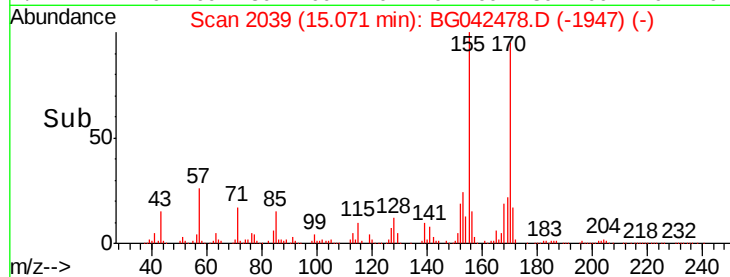
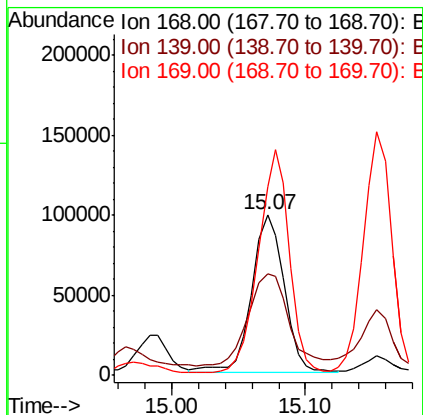
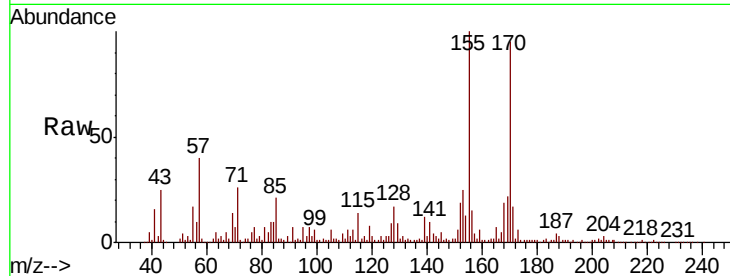
Tot Ion:168 Resp: 164109

Ion Ratio Lower Upper

168 100

139 63.5 27.2 40.8#

169 117.5 11.5 17.3#



#56

4-Nitrophenol

Concen: 47.302 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

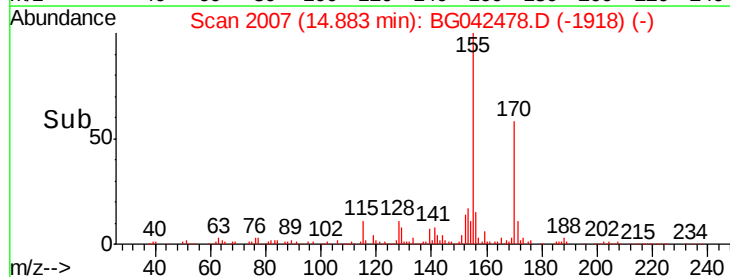
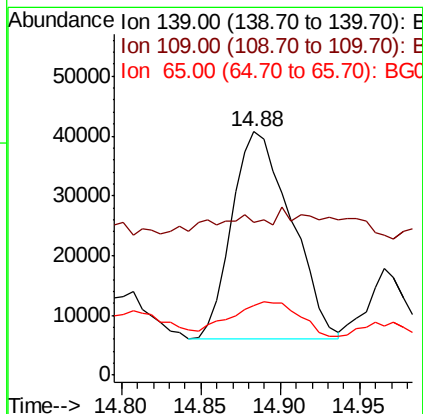
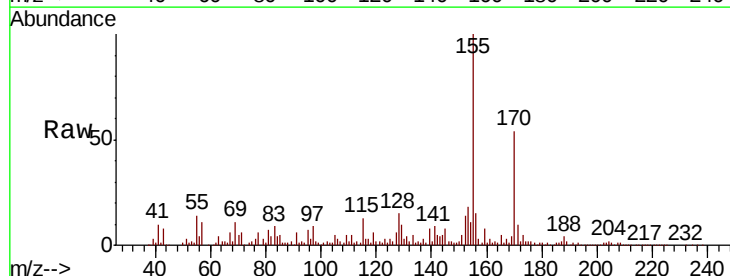
Tgt Ion:139 Resp: 90480

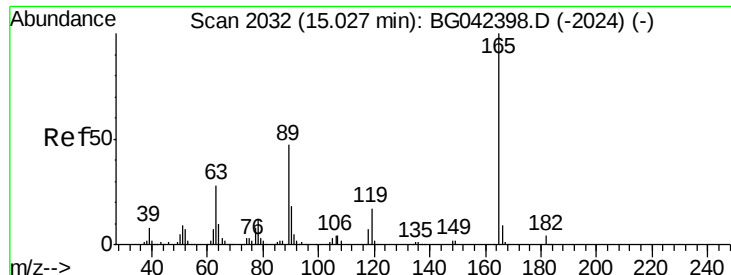
Ion Ratio Lower Upper

139 100

109 62.5 43.9 83.9

65 28.3 56.3 96.3#

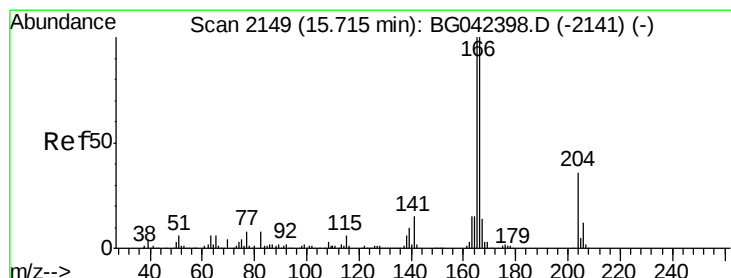
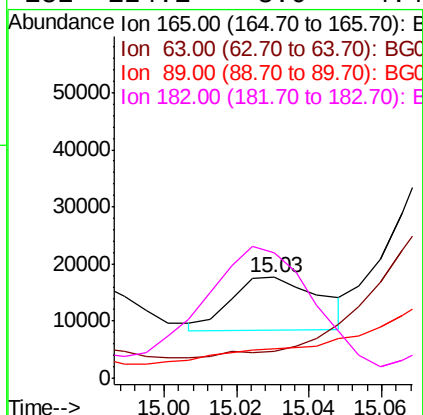
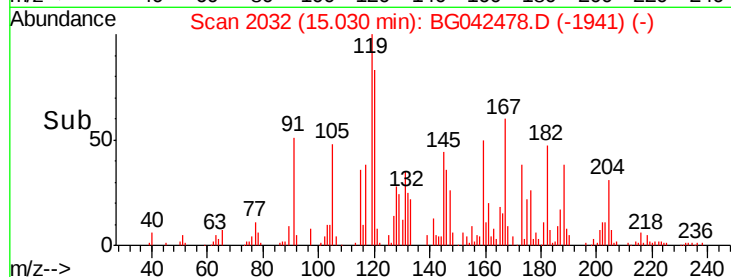
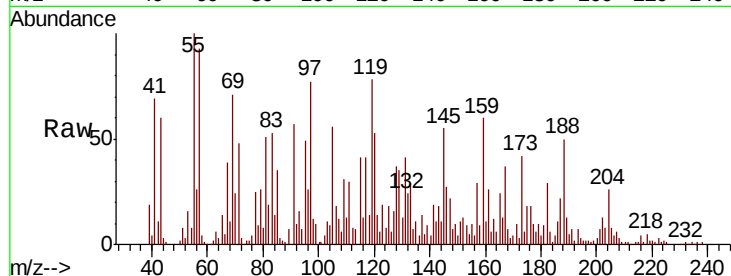




#57
 2,4-Dinitrotoluene
 Concen: 4.101 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042478.D
 Acq: 25 Aug 2019 15:09

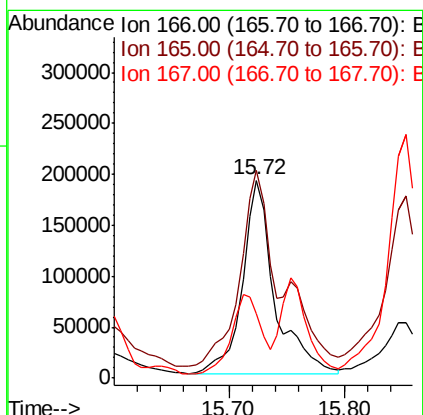
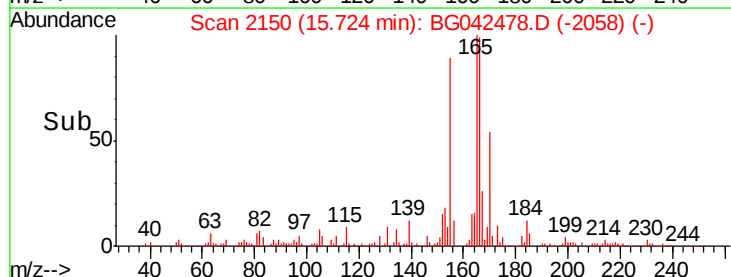
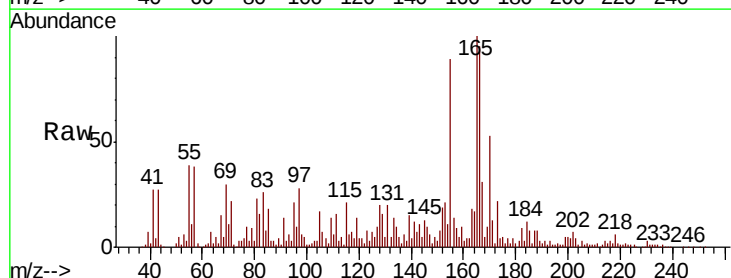
Instrument :
 BNA_G
 ClientSampleId :

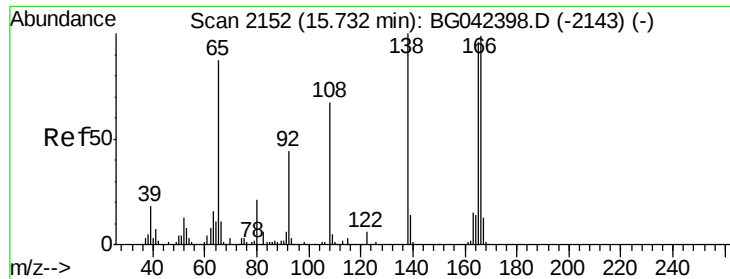
Tot Ion:165 Resp: 15808
 Ion Ratio Lower Upper
 165 100
 63 26.4 22.5 33.7
 89 29.8 37.8 56.6#
 182 124.1 3.0 4.4#



#58
 Fluorene
 Concen: 33.370 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG042478.D
 Acq: 25 Aug 2019 15:09

Tgt Ion:166 Resp: 370012
 Ion Ratio Lower Upper
 166 100
 165 104.8 79.7 119.5
 167 32.4 10.9 16.3#

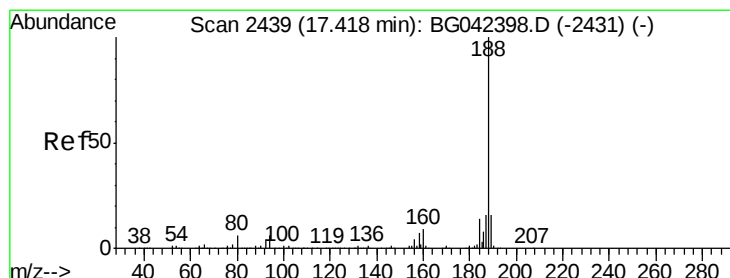
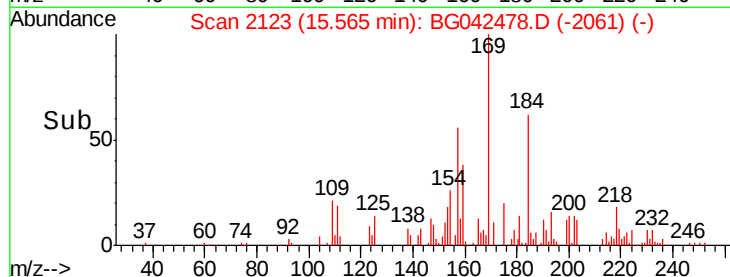
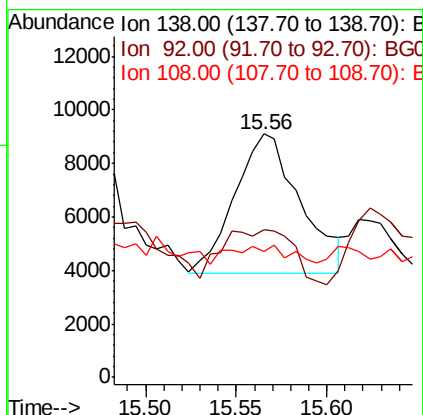
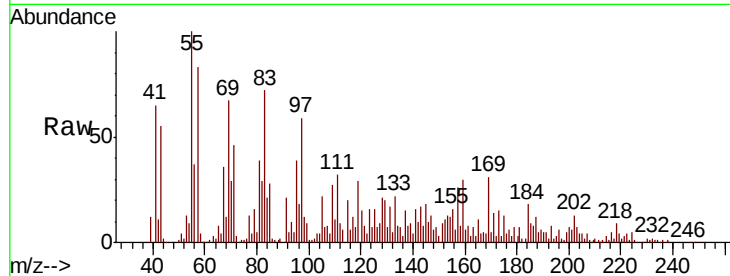




#62
4-Nitroaniline
Concen: 4.537 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.17 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

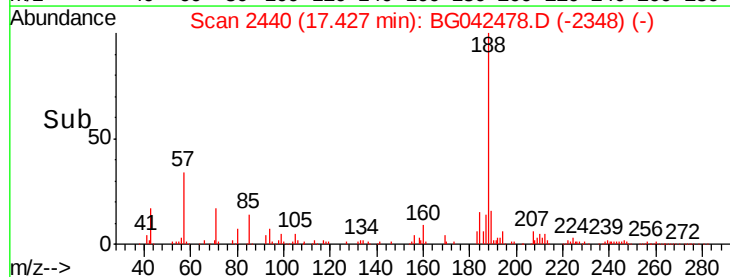
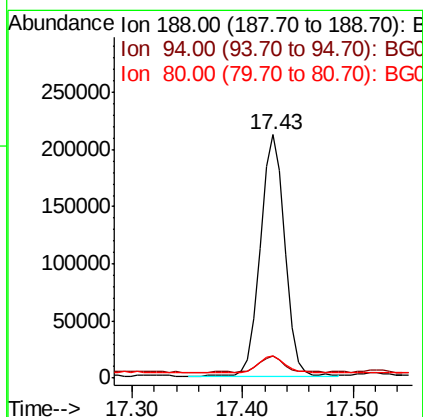
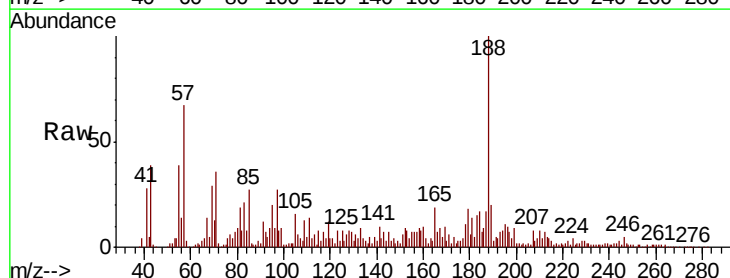
Instrument :
BNA_G
ClientSampled :

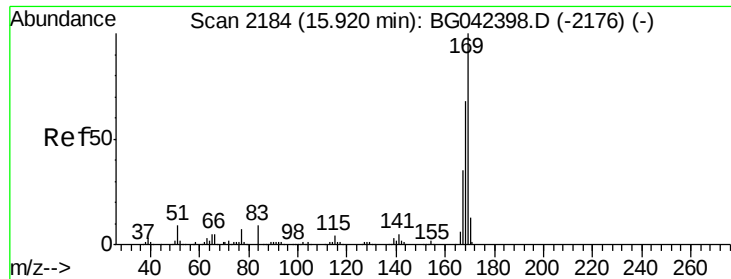
Tot Ion:138 Resp: 13071
Ion Ratio Lower Upper
138 100
92 60.4 24.2 64.2
108 51.8 46.8 86.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

Tgt Ion:188 Resp: 327859
Ion Ratio Lower Upper
188 100
94 9.2 4.5 6.7#
80 8.9 4.9 7.3#

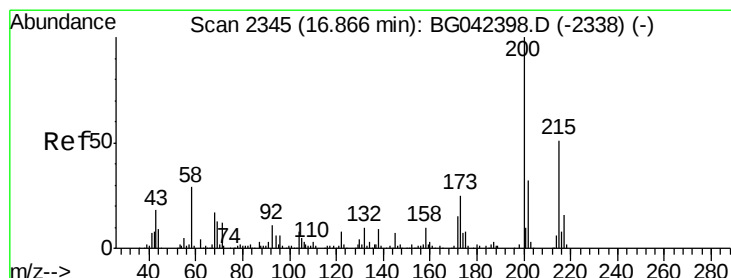
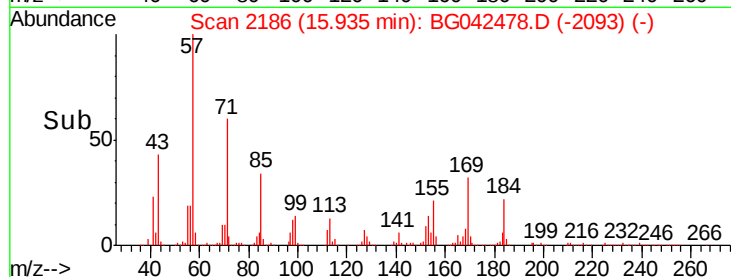
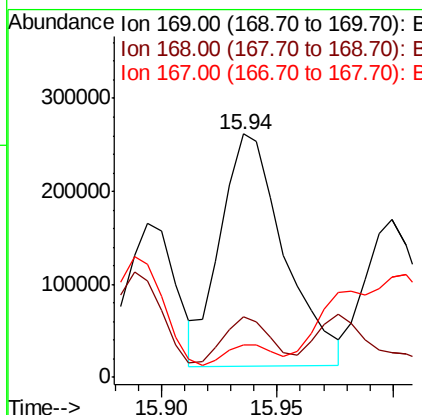
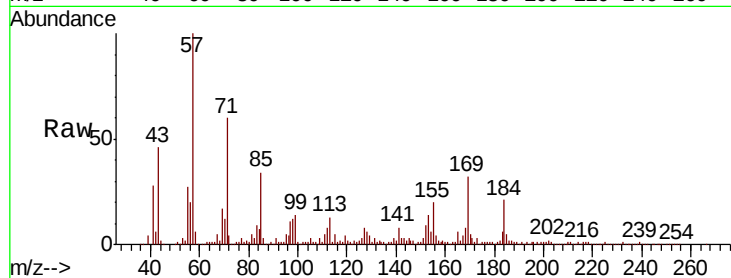




#66
n-Nitrosodiphenylamine
Concen: 53.357 ng
RT: 15.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

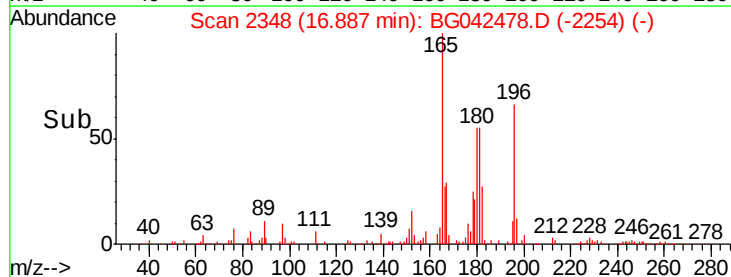
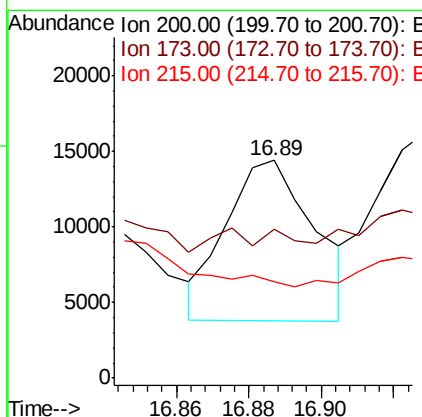
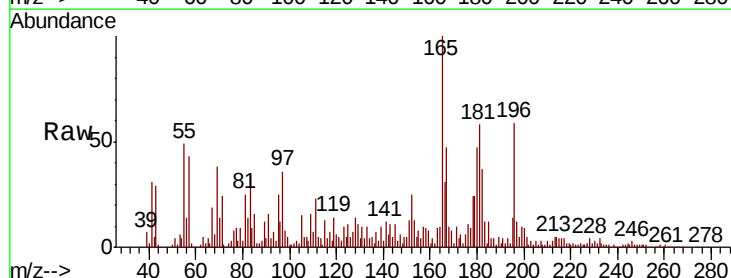
Instrument :
BNA_G
ClientSampleId :

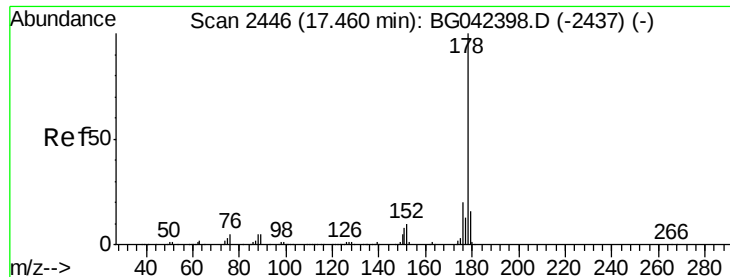
Tot Ion	Ratio	Lower	Upper
169	100		
168	25.0	54.3	81.5#
167	13.5	28.2	42.2#



#69
Atrazine
Concen: 5.629 ng
RT: 16.89 min Scan# 2348
Delta R.T. 0.02 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	68.2	4.9	44.9#
215	44.6	30.7	70.7





#71

Phenanthrene

Concen: 56.184 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 914974

Ion Ratio Lower Upper

178 100

176 20.8

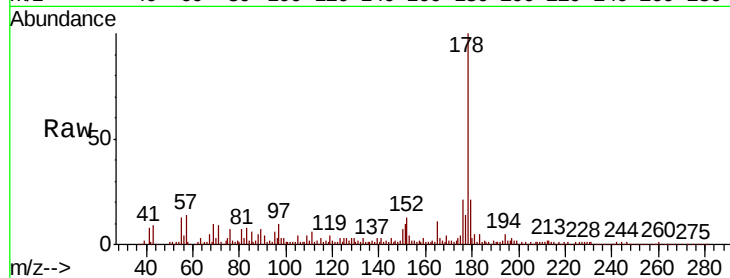
15.9

23.9

179 21.3

12.7

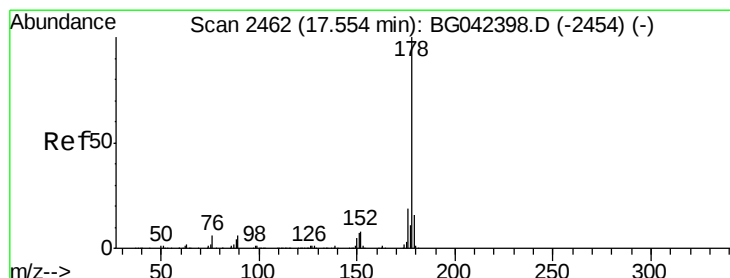
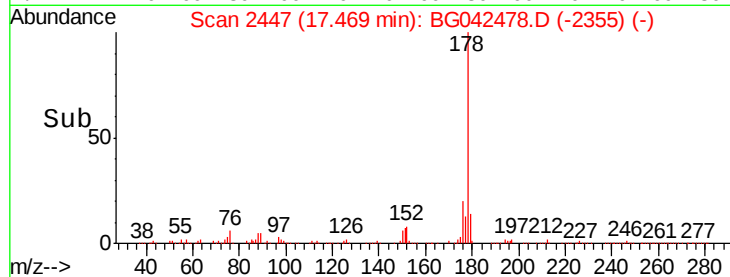
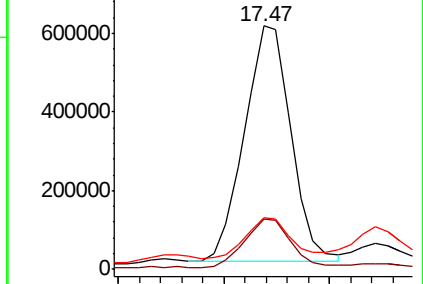
19.1#



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: 2.460 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.03 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

Tgt Ion:178 Resp: 39988

Ion Ratio Lower Upper

178 100

176 20.6

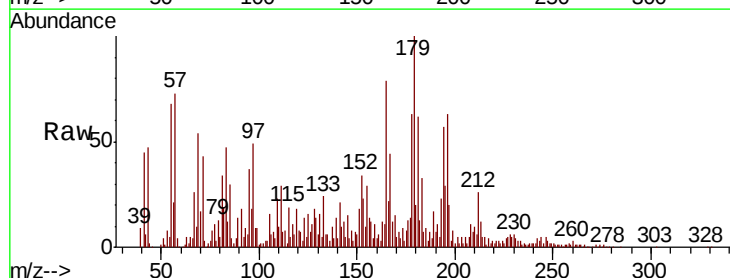
15.5

23.3

179 159.8

12.9

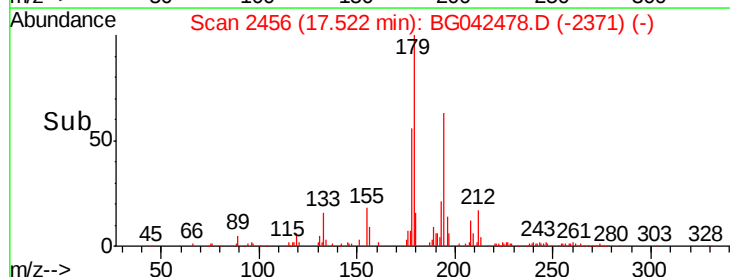
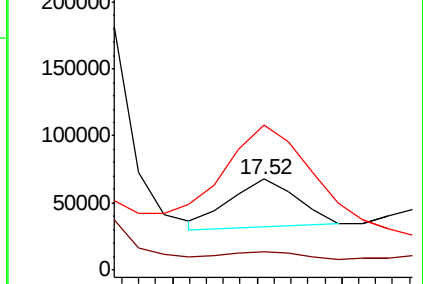
19.3#

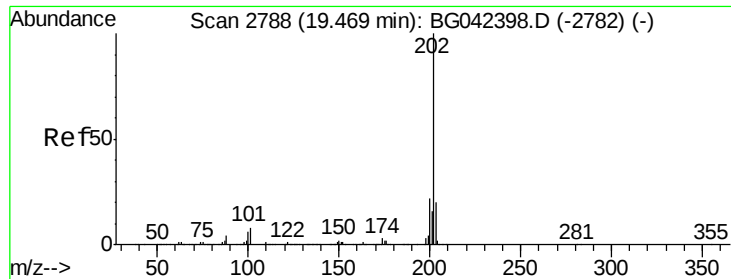


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.932 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG042478.D

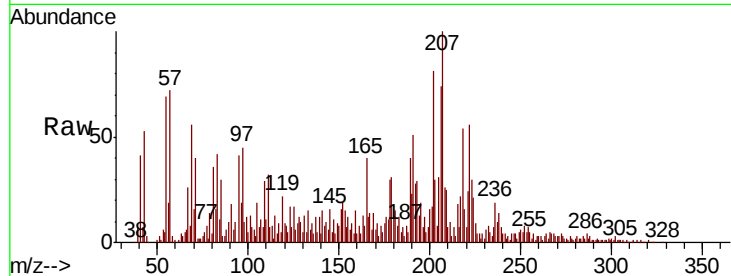
Acq: 25 Aug 2019 15:09

Instrument :

BNA_G

ClientSampled :

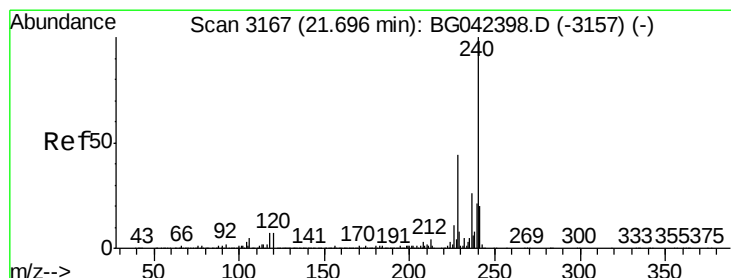
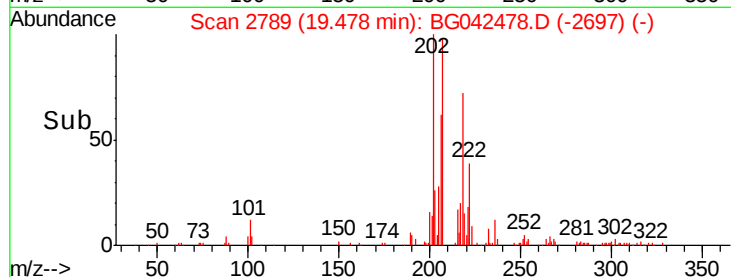
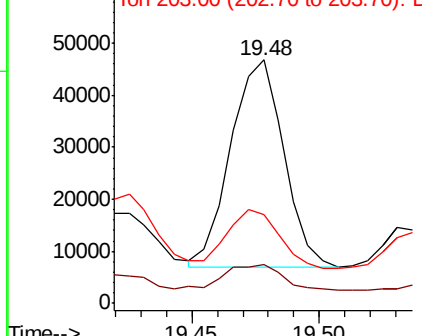
Tot Ion:	202	Resp:	58266
Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	28.3
203	36.6	0.0	39.6



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

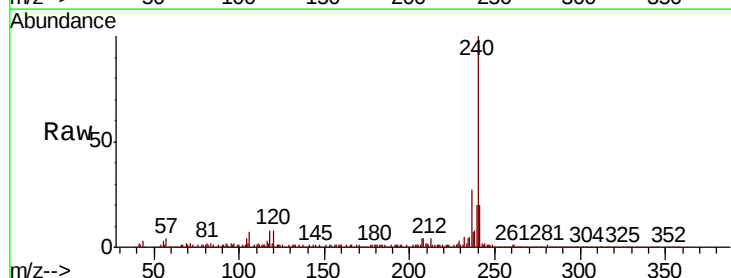
RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042478.D

Acq: 25 Aug 2019 15:09

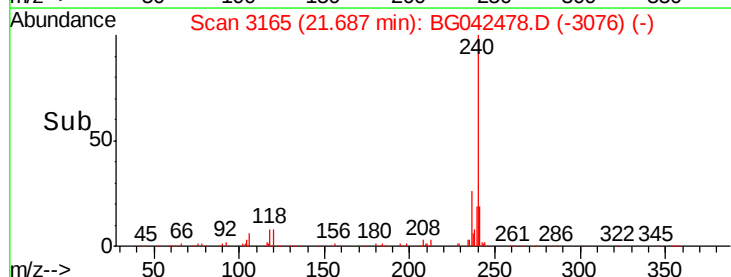
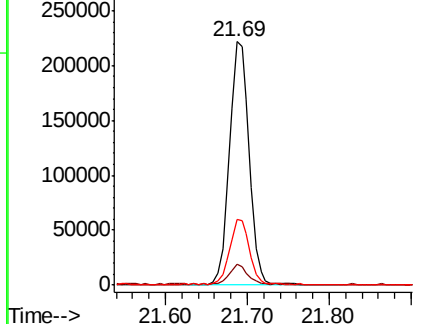
Tgt Ion:	240	Resp:	368718
Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.7	8.5
236	26.7	21.0	31.4

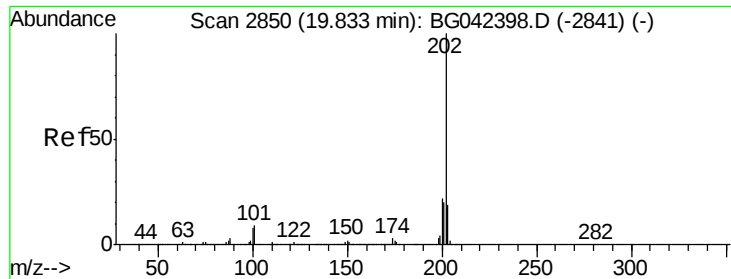


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

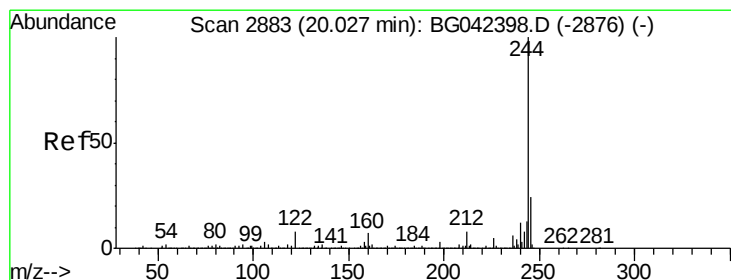
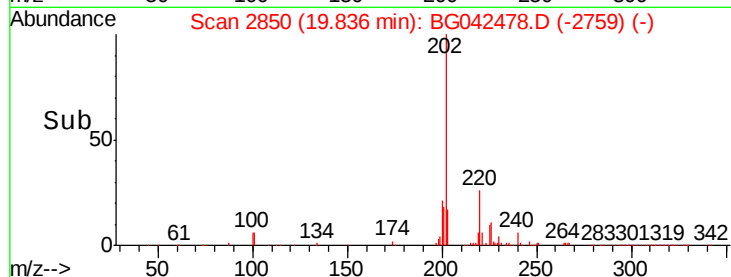
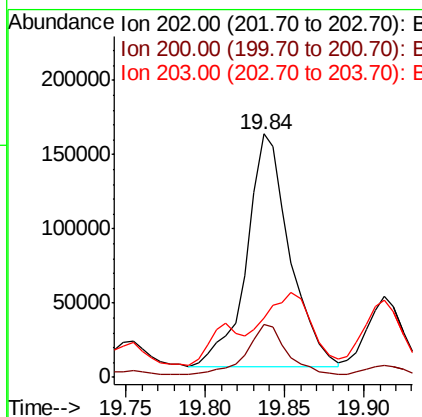
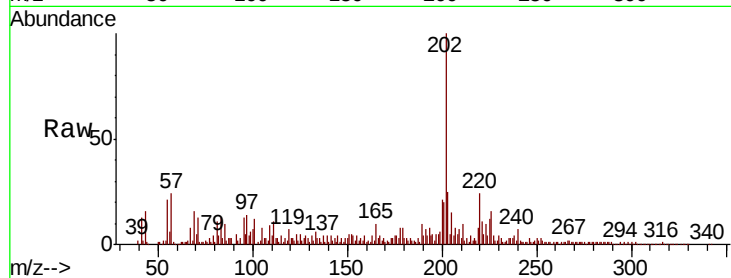




#78
Pvrene
Concen: 13.012 ng
RT: 19.84 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

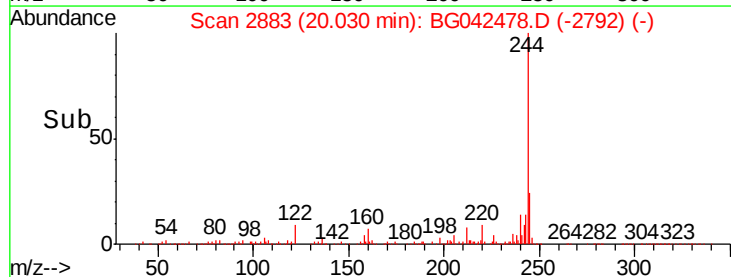
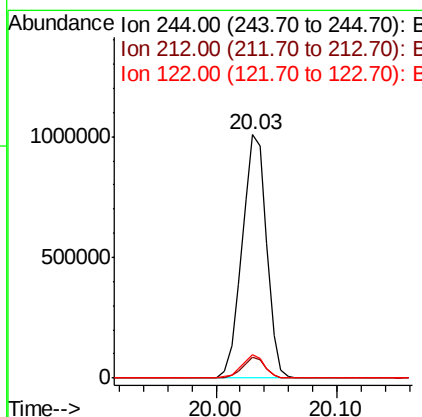
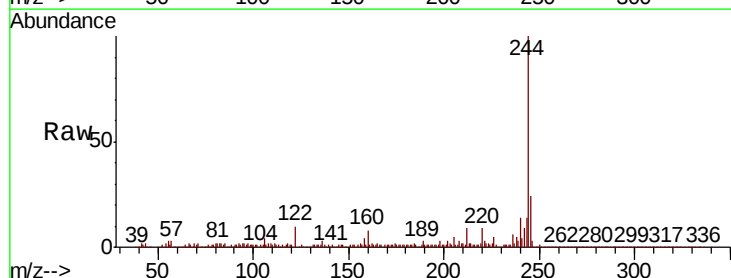
Instrument :
BNA_G
ClientSampleId :

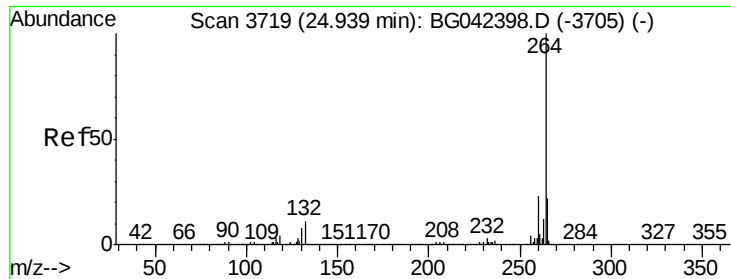
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	24.6	15.5	23.3



#79
Terphenyl-d14
Concen: 83.595 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.0	9.0
122	9.6	6.7	10.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG042478.D
Acq: 25 Aug 2019 15:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.2	17.6	26.4

