

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
 Data File : BG045151.D
 Acq On : 23 Apr 2020 21:09
 Operator : CG/JU
 Sample : L2323-05DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 01:50:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	143224	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	576245	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	374233	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	734044	20.00	ng	0.00
76) Chrysene-d12	21.66	240	636393	20.00	ng	0.00
87) Perylene-d12	24.84	264	709550	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	166357	19.18	ng	0.00
7) Phenol-d6	7.17	99	256734	19.92	ng	0.00
23) Nitrobenzene-d5	9.16	82	200806	15.90	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	109494	18.94	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	471107	18.46	ng	0.00
79) Terphenyl-d14	20.00	244	593008	20.31	ng	0.00

Target Compounds

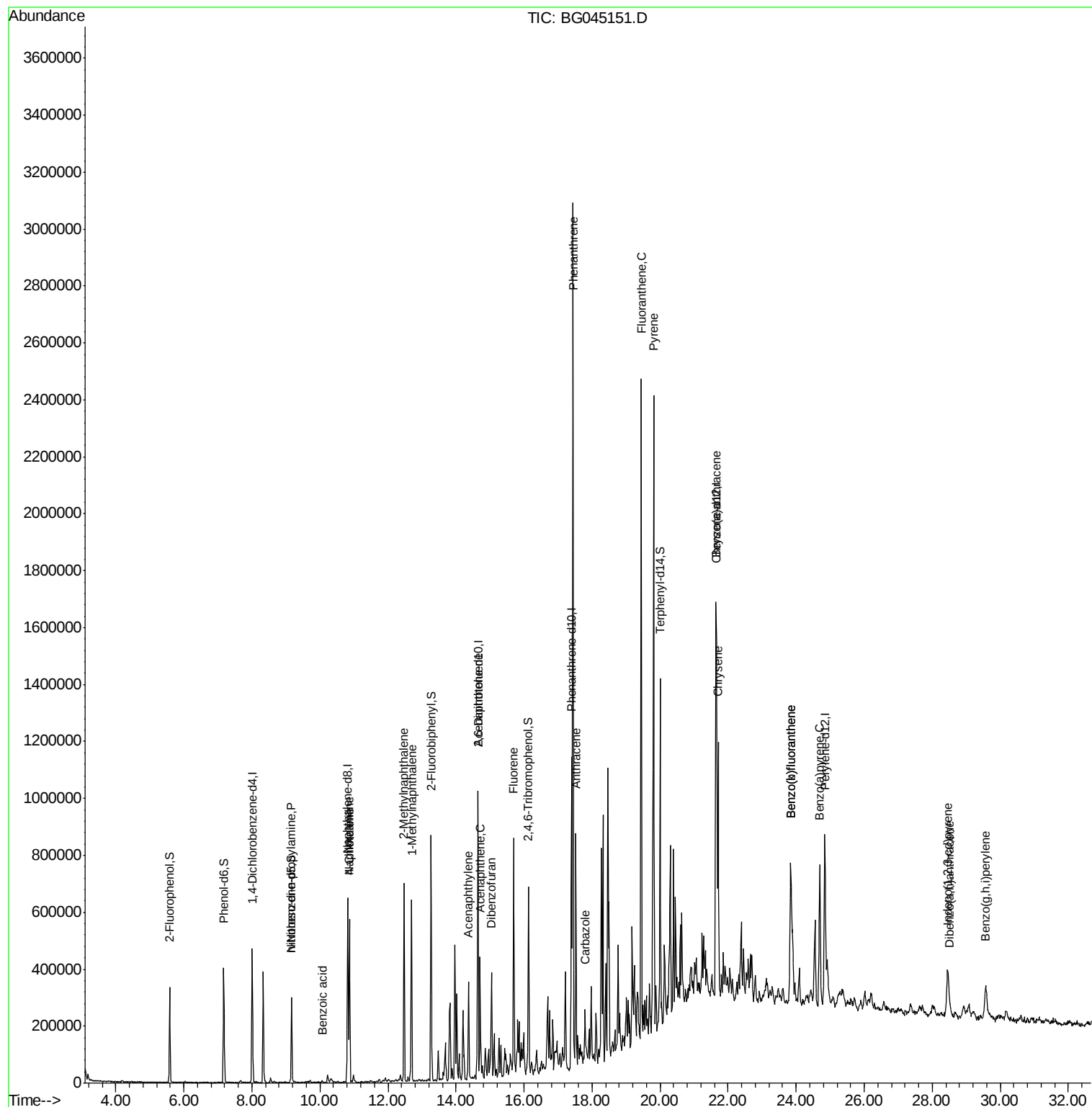
						Qvalue
9) Benzaldehyde	7.14	77	60	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.16	70	25252	2.770 ng	#	79
31) Naphthalene	10.87	128	501360	15.904 ng		98
32) Benzoic acid	10.07	122	76	6.383 ng	#	69
33) 4-Chloroaniline	10.87	127	71175	4.841 ng	#	38
37) 2-Methylnaphthalene	12.47	142	339246	13.865 ng		97
38) 1-Methylnaphthalene	12.69	142	317738	13.756 ng		97
49) Acenaphthylene	14.37	152	173258	4.894 ng		95
51) 2,6-Dinitrotoluene	14.64	165	59666	8.754 ng	#	26
52) Acenaphthene	14.71	154	149699	6.250 ng		95
55) Dibenzofuran	15.04	168	157076	4.498 ng	#	96
58) Fluorene	15.70	166	388576	13.623 ng		100
69) Atrazine	16.86	200	61	Below Cal	#	1
71) Phenanthrene	17.44	178	1931981	51.218 ng		97
72) Anthracene	17.52	178	540125	14.275 ng		98
73) Carbazole	17.79	167	124145	3.233 ng		97
74) Di-n-butylphthalate	18.36	149	1313	Below Cal	#	64
75) Fluoranthene	19.44	202	1353031	28.216 ng		98
77) Benzidine	19.63	184	377	Below Cal	#	1
78) Pyrene	19.81	202	1487221	33.898 ng		99
81) Benzo(a)anthracene	21.64	228	664047	16.099 ng		99
83) Chrysene	21.71	228	632079	15.949 ng		99
86) Indeno(1,2,3-cd)pyrene	28.45	276	296526	5.635 ng	#	93
88) Benzo(b)fluoranthene	23.84	252	679716	15.293 ng		99
89) Benzo(k)fluoranthene	23.84	252	679716	16.081 ng		100
90) Benzo(a)pyrene	24.70	252	589434	14.046 ng		96
91) Dibenzo(a,h)anthracene	28.50	278	88012	2.081 ng	#	92
92) Benzo(g,h,i)perylene	29.57	276	269063	6.347 ng		98

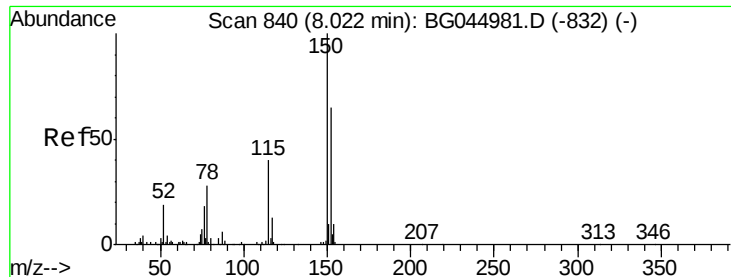
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045151.D
Acq On : 23 Apr 2020 21:09
Operator : CG/JU
Sample : L2323-05DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 24 01:50:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration



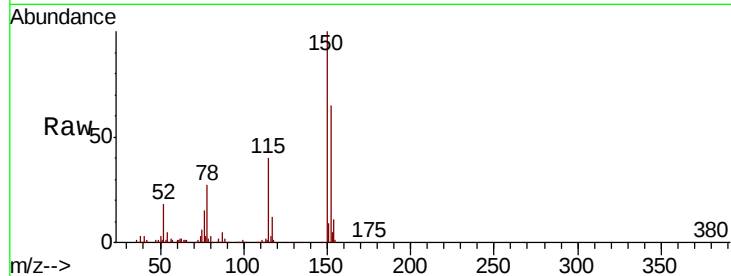


#1

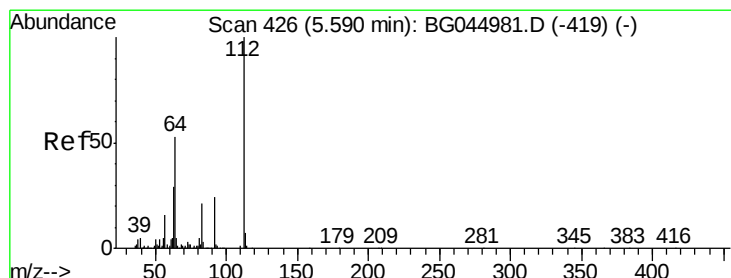
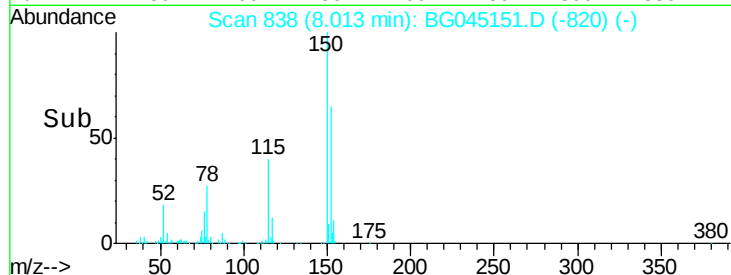
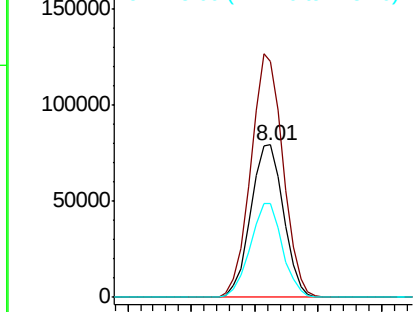
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 143224
Ion Ratio Lower Upper
152 100
150 154.9 123.6 185.4
115 61.4 49.1 73.7



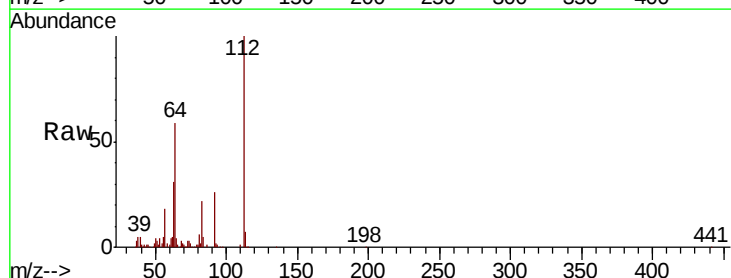
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



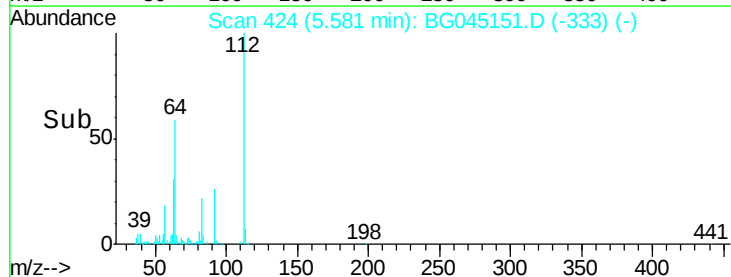
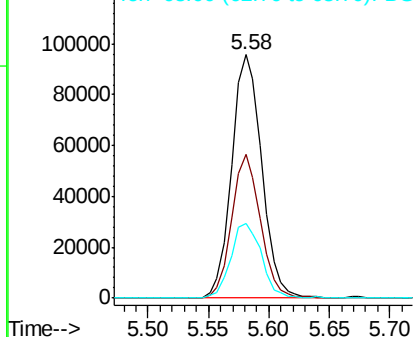
#5

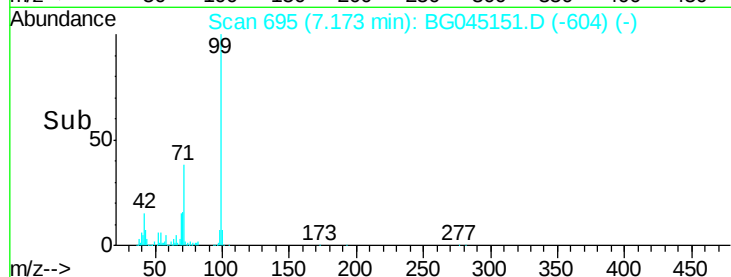
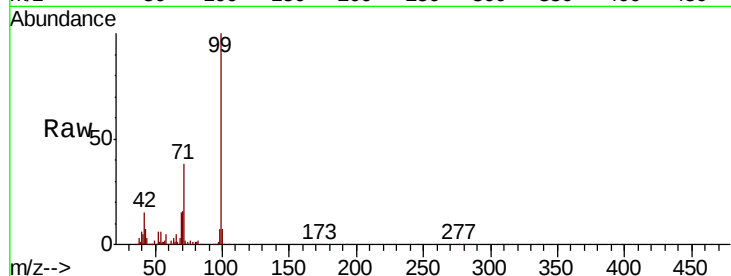
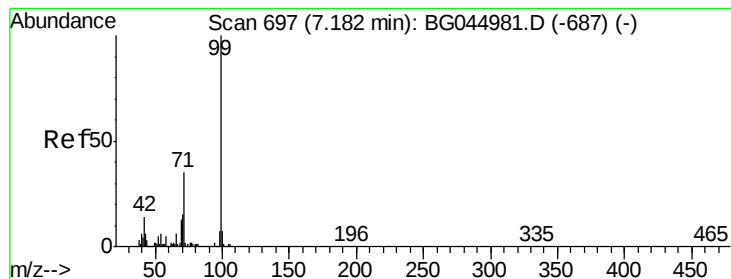
2-Fluorophenol
Concen: 19.176 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion:112 Resp: 166357
Ion Ratio Lower Upper
112 100
64 59.2 42.4 63.6
63 30.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 19.918 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

ClientSampleId :

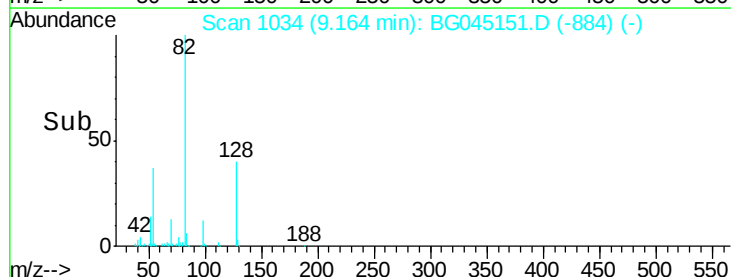
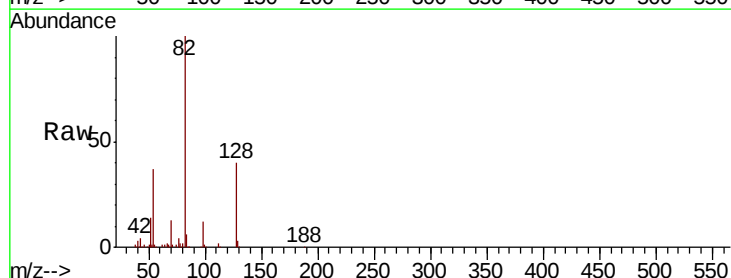
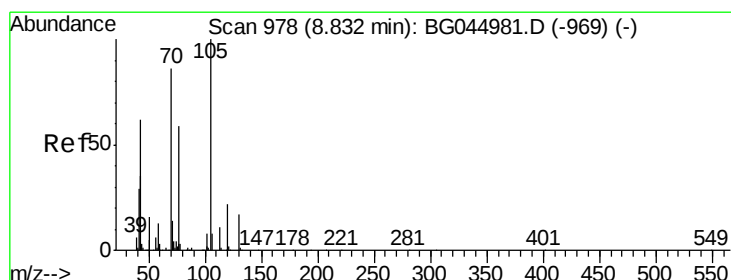
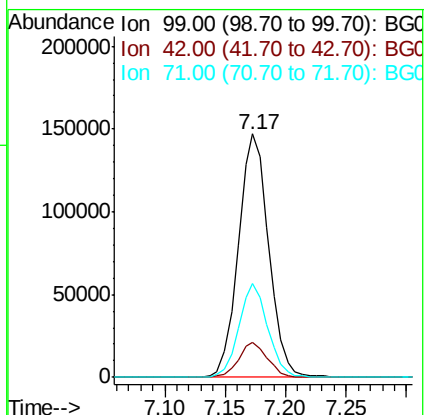
Tot Ion: 99 Resp: 256734

Ion Ratio Lower Upper

99 100

42 14.6 11.3 16.9

71 38.4 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.770 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Tgt Ion: 70 Resp: 25252

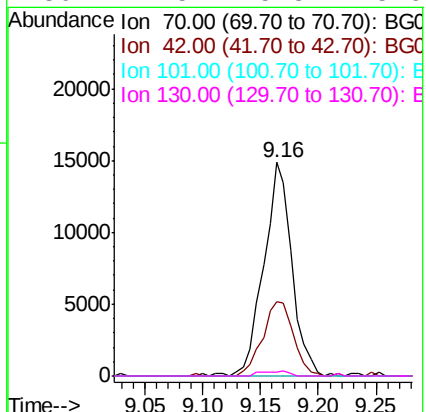
Ion Ratio Lower Upper

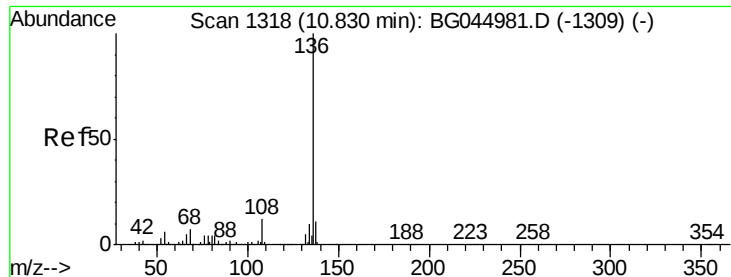
70 100

42 34.7 33.3 49.9

101 0.0 7.8 11.8#

130 1.5 15.8 23.6#

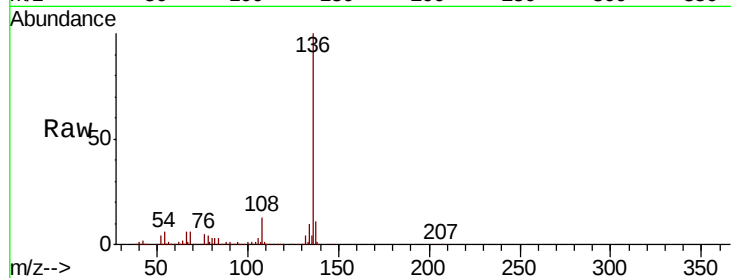




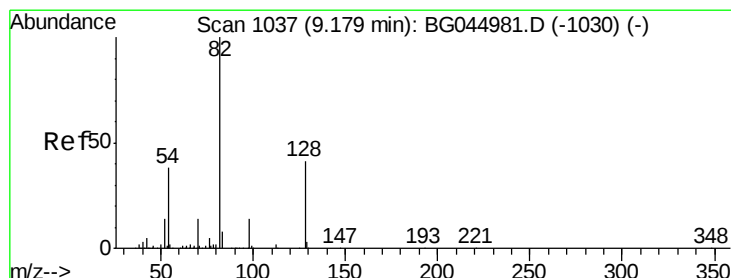
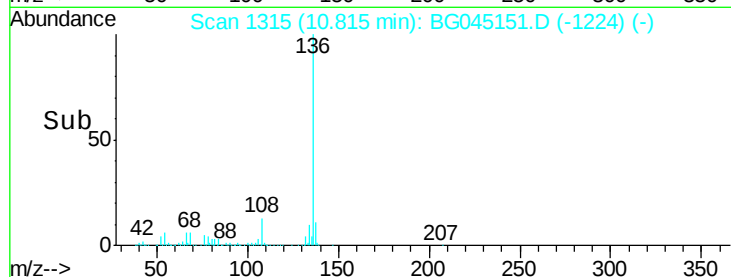
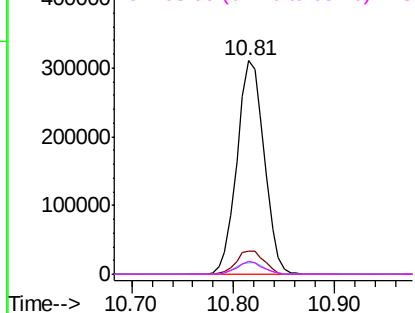
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	576245	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.6	13.0	
54 5.6	4.8	7.2	
68 5.9	5.2	7.8	

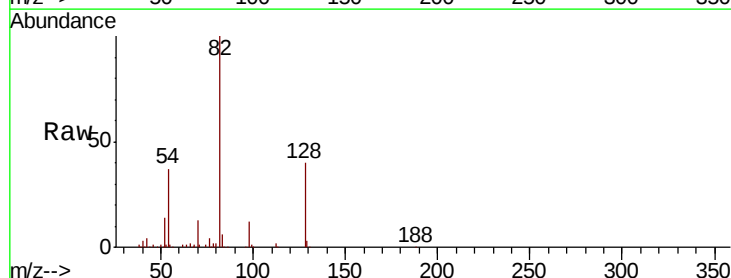


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

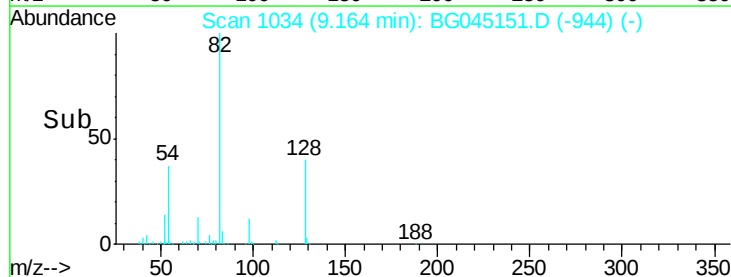
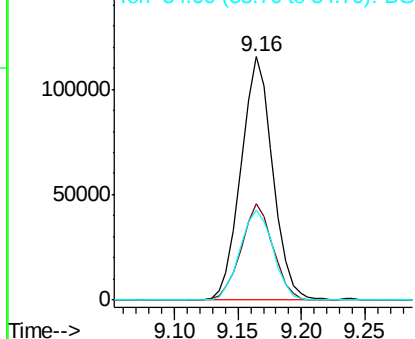


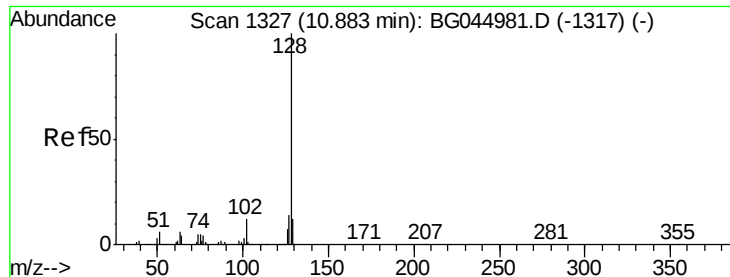
#23
Nitrobenzene-d5
Concen: 15.900 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion: 82	Resp: 200806
Ion Ratio	Lower Upper
82 100	
128 39.7	33.0 49.4
54 37.2	30.4 45.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

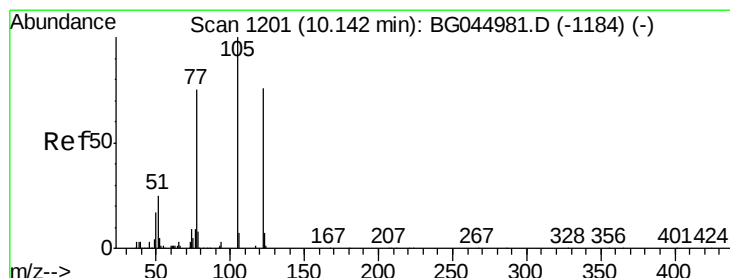
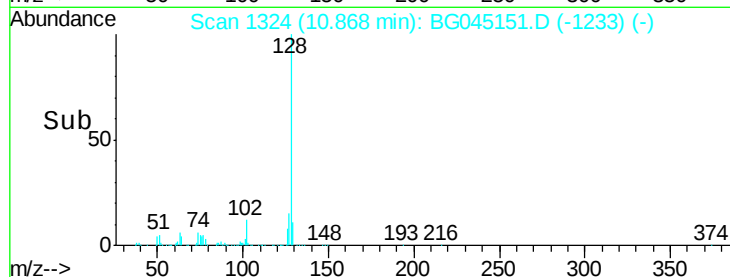
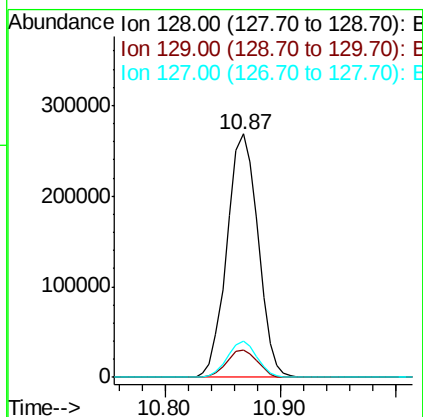
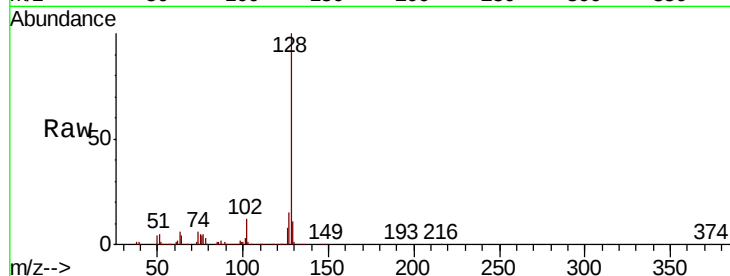




#31
Naphthalene
Concen: 15.904 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

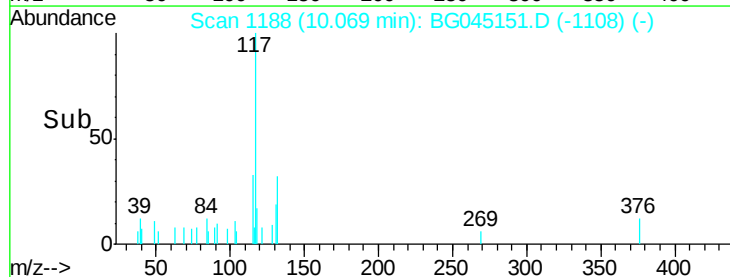
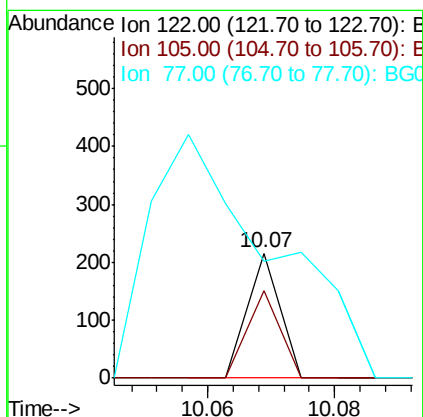
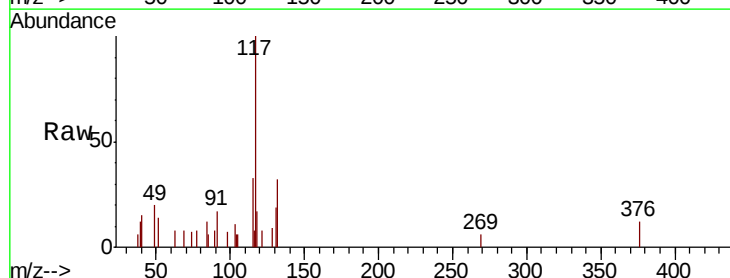
Instrument :
BNA_G
ClientSampleId :

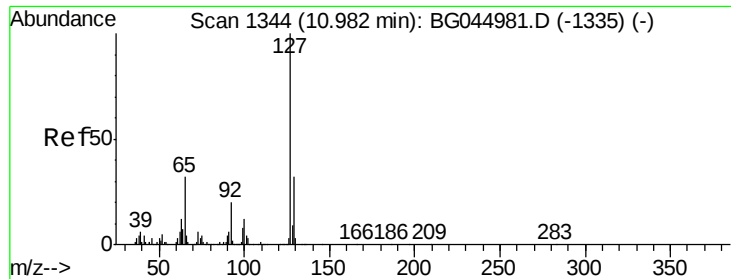
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	14.8	10.8	16.2



#32
Benzoic acid
Concen: 6.383 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.06 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	69.9	108.4	148.4#
77	93.1	78.8	118.8

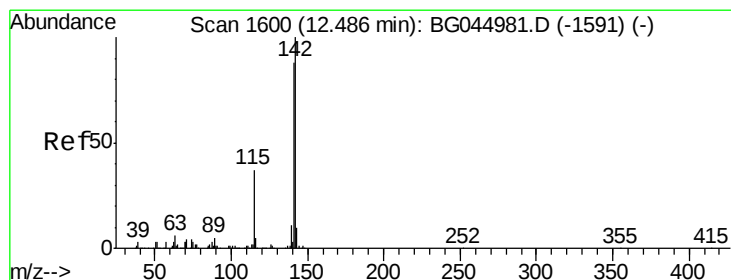
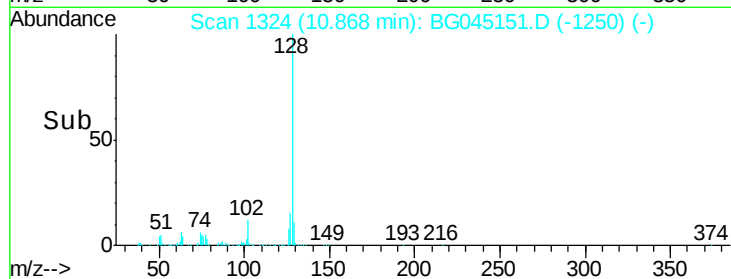
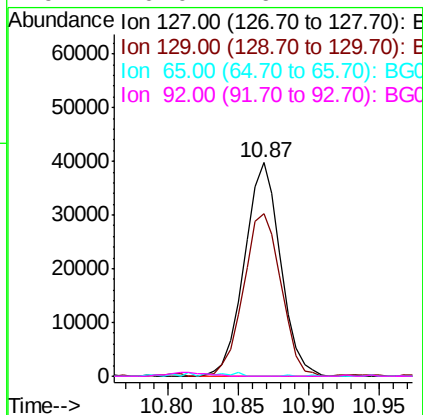
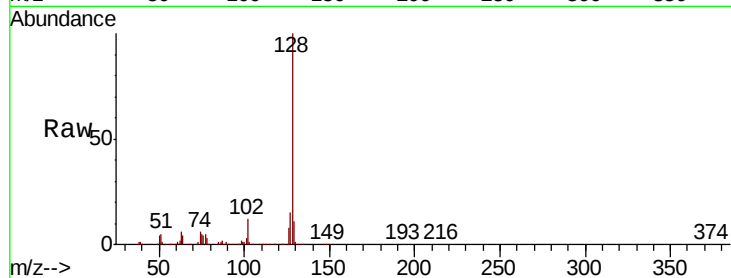




#33
4-Chloroaniline
Concen: 4.841 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.10 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

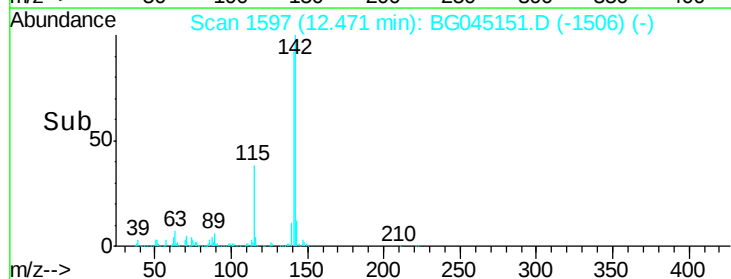
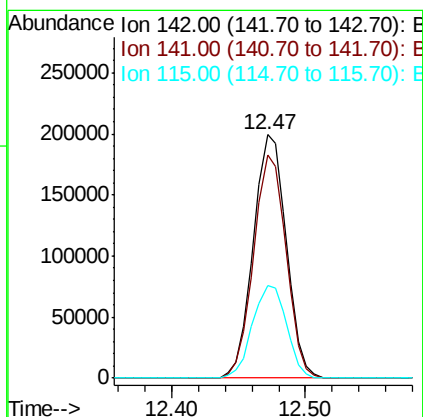
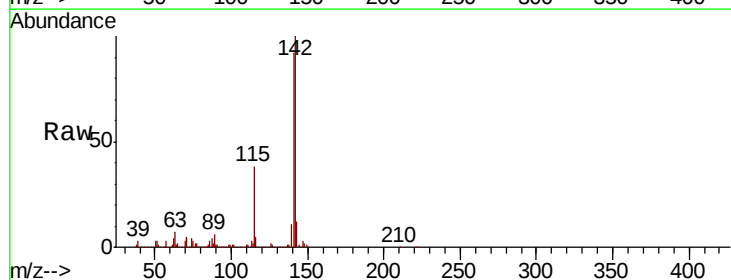
Instrument :
BNA_G
ClientSampleId :

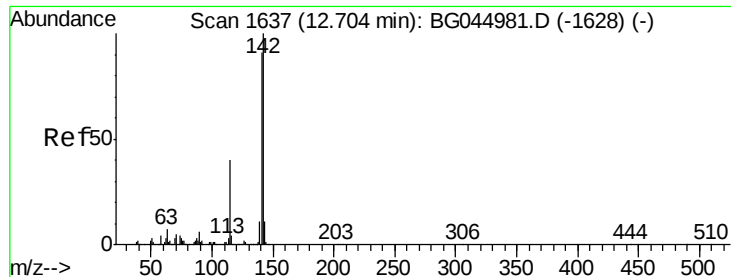
Tot Ion:127 Resp: 71175
Ion Ratio Lower Upper
127 100
129 76.0 25.7 38.5#
65 0.0 25.4 38.2#
92 0.0 16.1 24.1#



#37
2-Methylnaphthalene
Concen: 13.865 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion:142 Resp: 339246
Ion Ratio Lower Upper
142 100
141 91.6 70.3 105.5
115 38.0 29.8 44.6

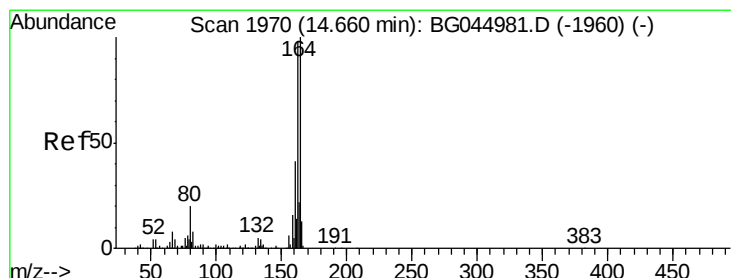
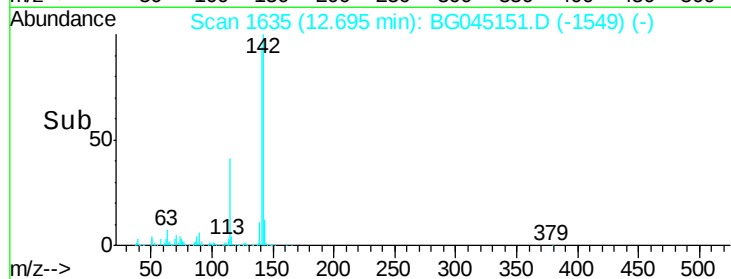
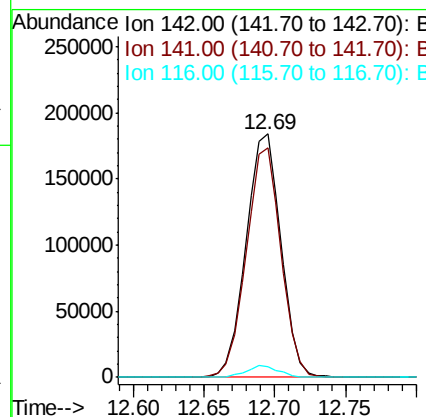
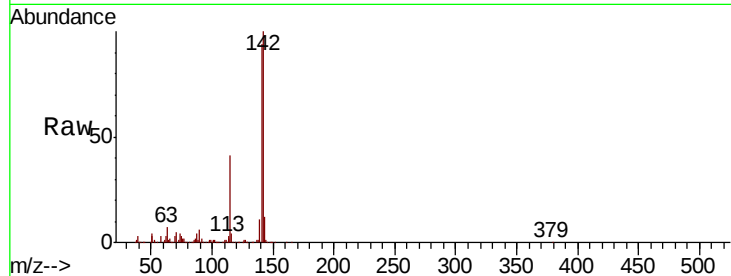




#38
 1-Methylnaphthalene
 Concen: 13.756 ng
 RT: 12.69 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BG045151.D
 Acq: 23 Apr 2020 21:09

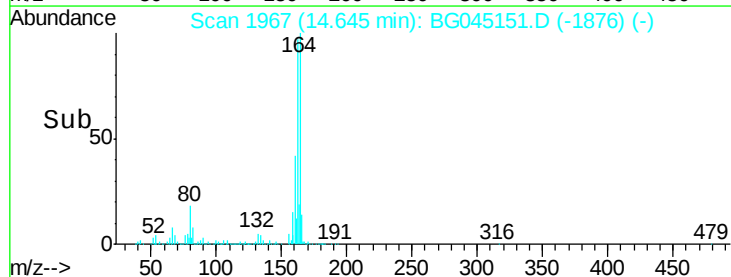
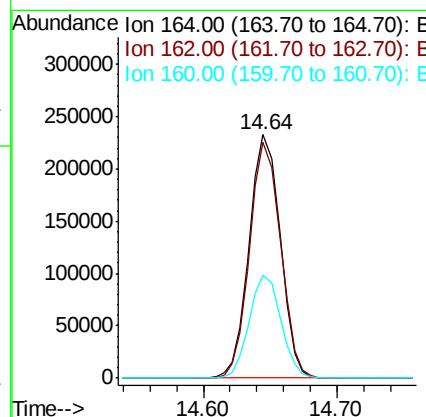
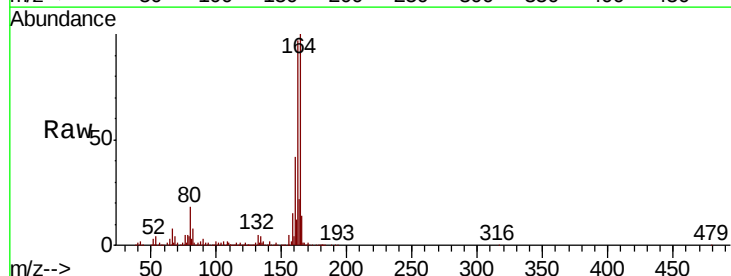
Instrument :
 BNA_G
 ClientSampleId :

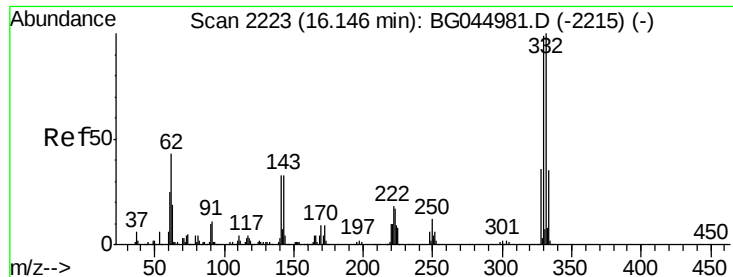
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.7	109.1
116	4.2	3.1	4.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG045151.D
 Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.7	118.1
160	42.2	32.8	49.2





#42

2,4,6-Tribromophenol

Concen: 18.939 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

ClientSampled :

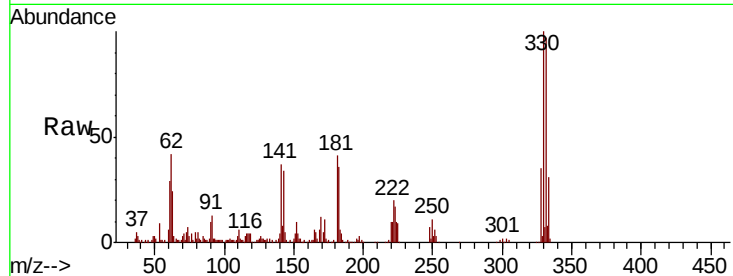
Tot Ion:330 Resp: 109494

Ion Ratio Lower Upper

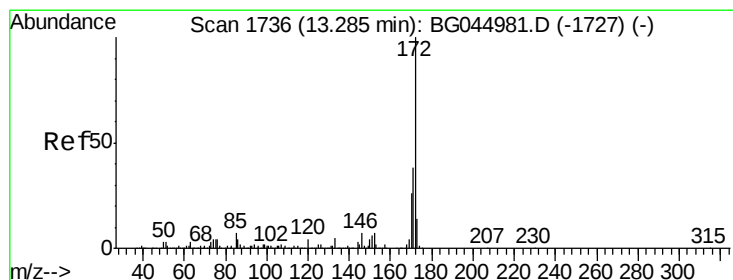
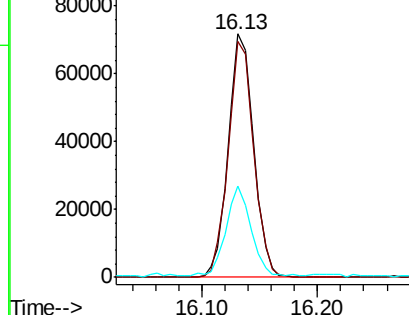
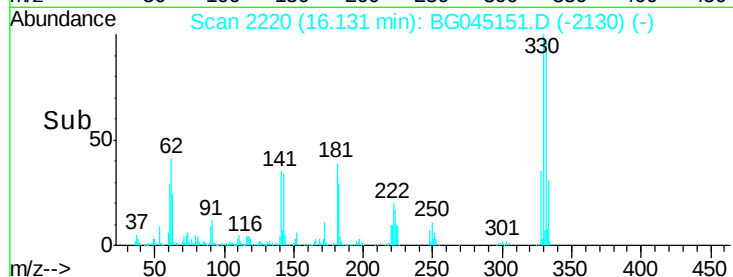
330 100

332 97.0 79.1 118.7

141 36.7 27.1 40.7



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: 18.459 ng

RT: 13.27 min Scan# 1733

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

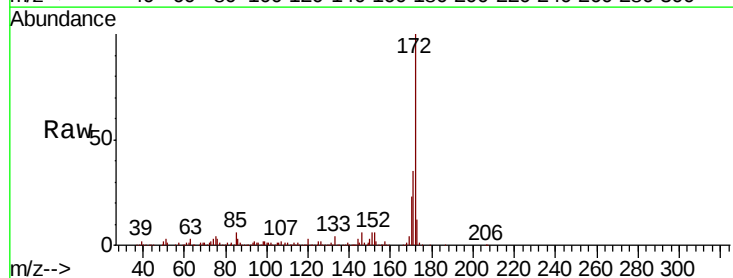
Tgt Ion:172 Resp: 471107

Ion Ratio Lower Upper

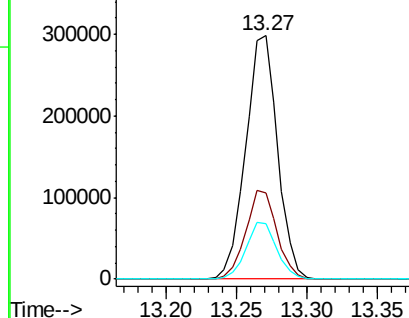
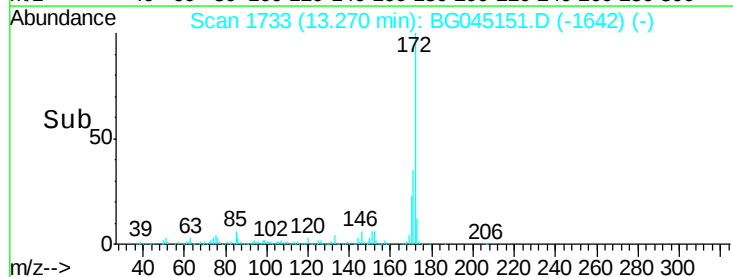
172 100

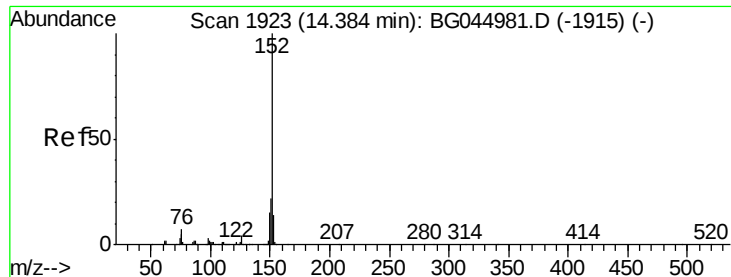
171 35.3 30.6 46.0

170 22.7 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 4.894 ng

RT: 14.37 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

ClientSampleId :

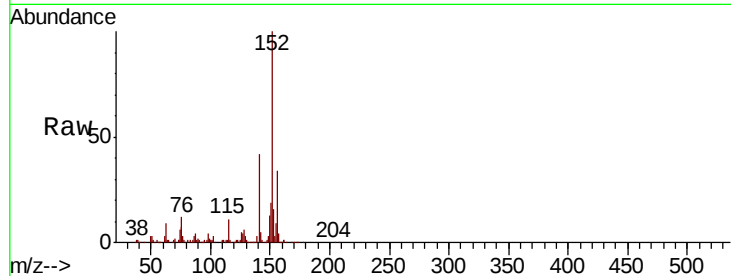
Tot Ion:152 Resp: 173258

Ion Ratio Lower Upper

152 100

151 19.3 17.2 25.8

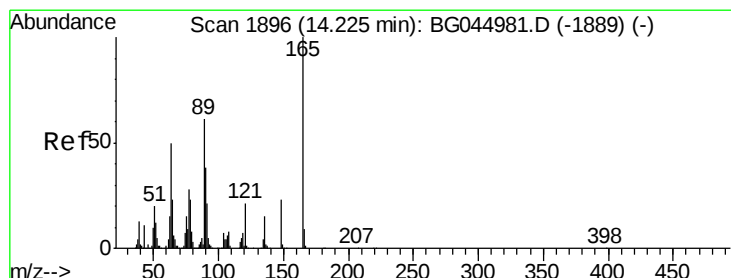
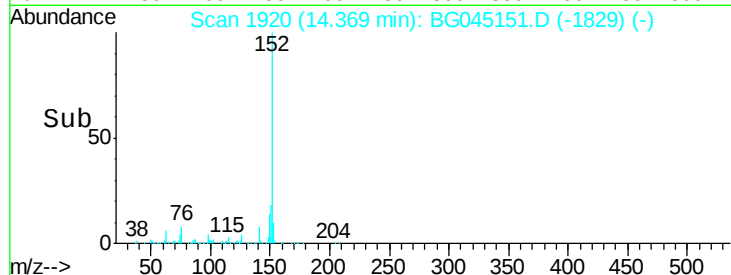
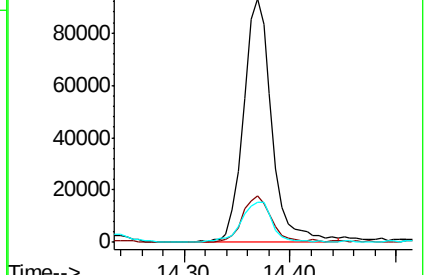
153 16.4 11.0 16.4



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



#51

2,6-Dinitrotoluene

Concen: 8.754 ng

RT: 14.64 min Scan# 1967

Delta R.T. 0.44 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

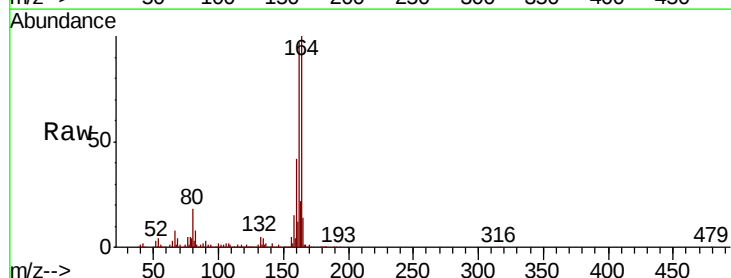
Tgt Ion:165 Resp: 59666

Ion Ratio Lower Upper

165 100

63 1.7 40.4 60.6#

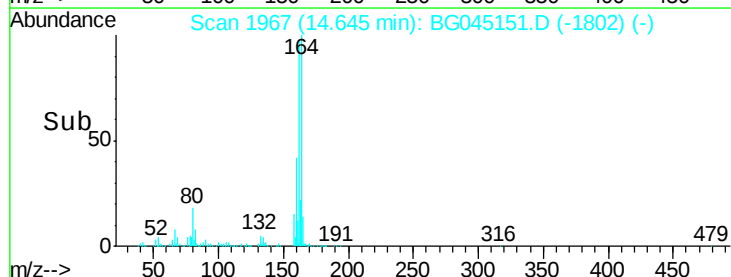
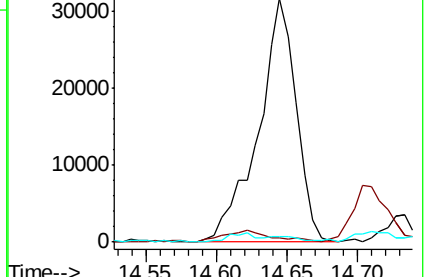
89 2.2 49.1 73.7#

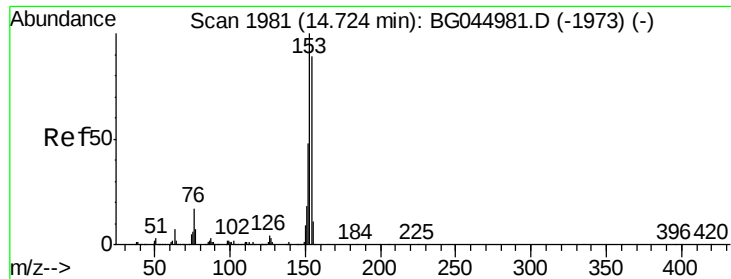


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 6.250 ng

RT: 14.71 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

ClientSampleId :

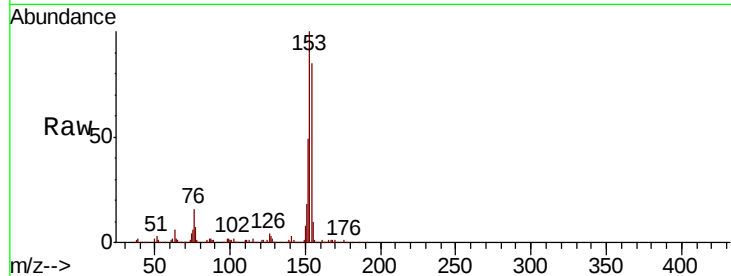
Tot Ion:154 Resp: 149699

Ion Ratio Lower Upper

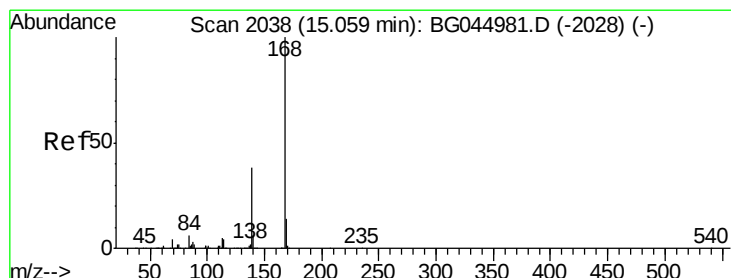
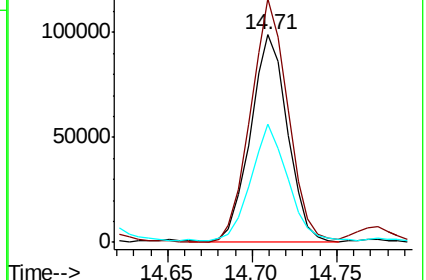
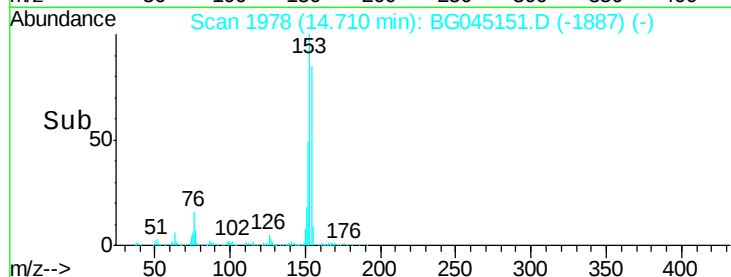
154 100

153 117.4 89.7 134.5

152 57.0 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 4.498 ng

RT: 15.04 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

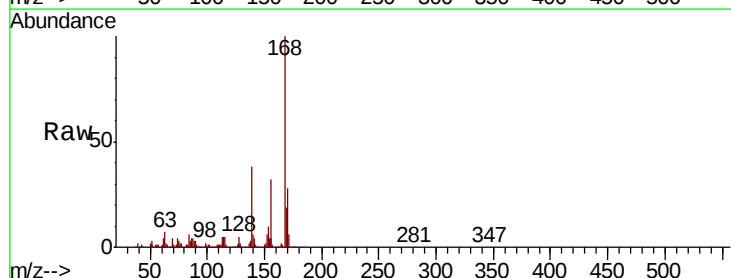
Tgt Ion:168 Resp: 157076

Ion Ratio Lower Upper

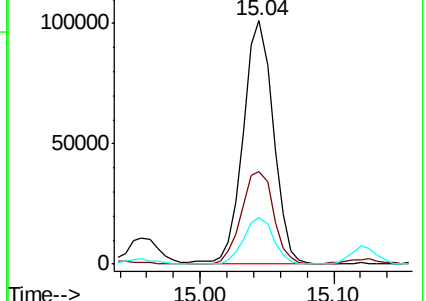
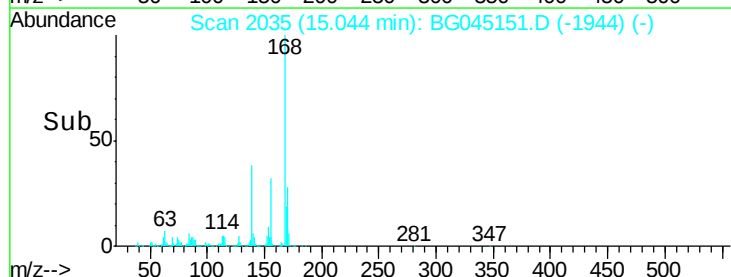
168 100

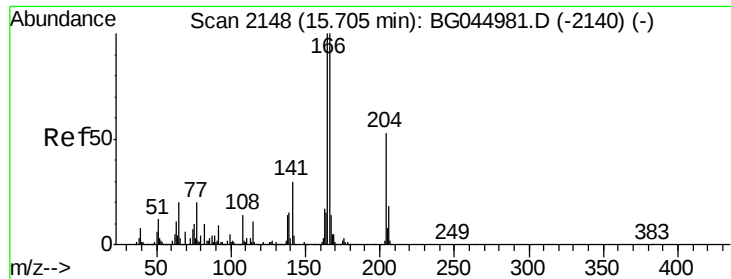
139 38.3 30.4 45.6

169 19.3 11.0 16.4#



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





#58

Fluorene

Concen: 13.623 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

ClientSampleId :

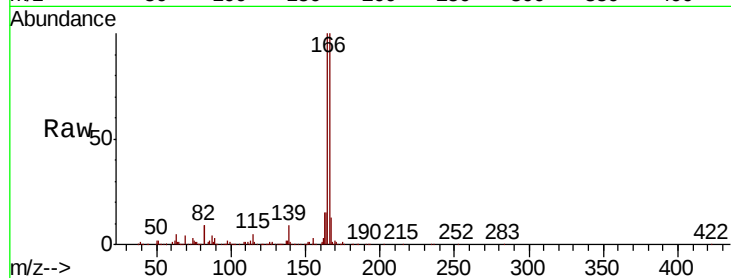
Tot Ion:166 Resp: 388576

Ion Ratio Lower Upper

166 100

165 99.9 79.9 119.9

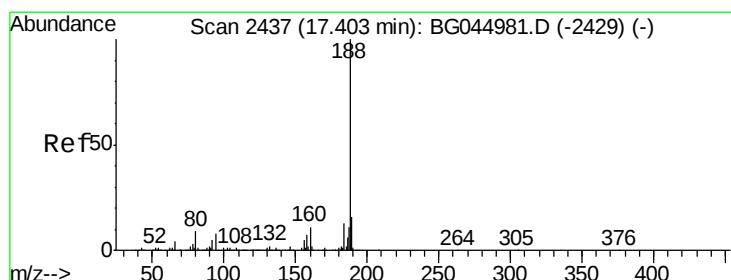
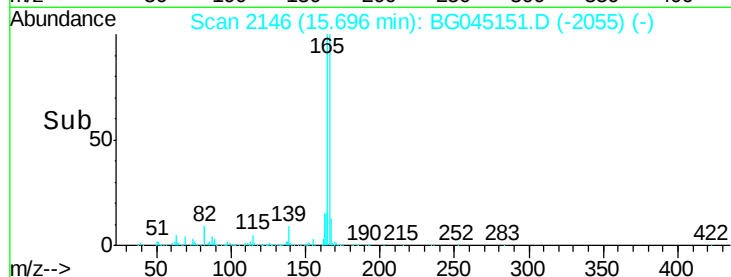
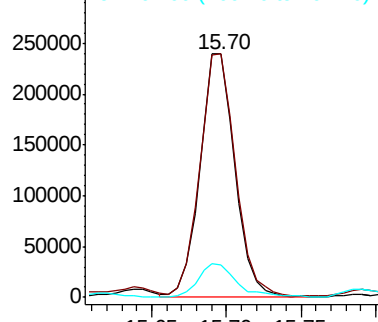
167 13.1 11.4 17.0



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

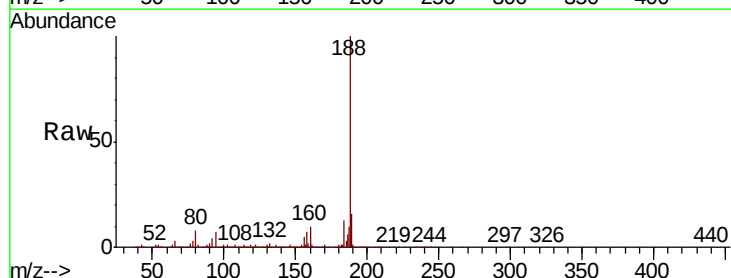
Tgt Ion:188 Resp: 734044

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

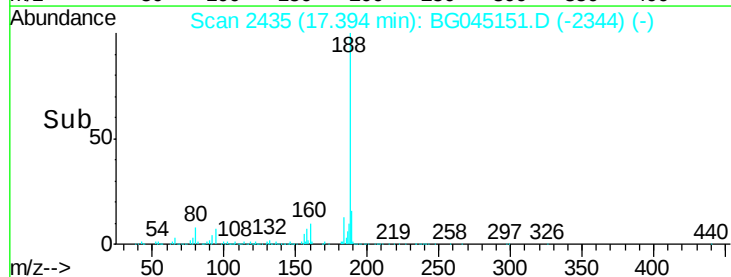
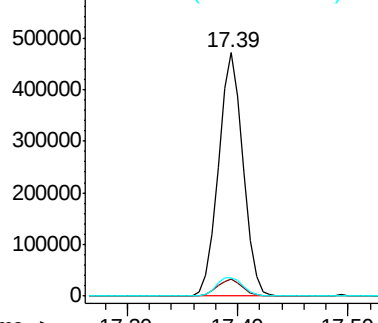
80 7.7 7.0 10.6

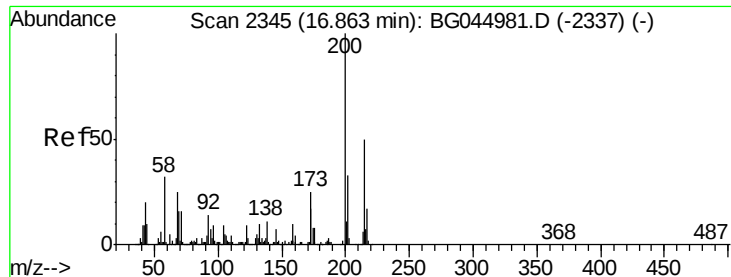


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

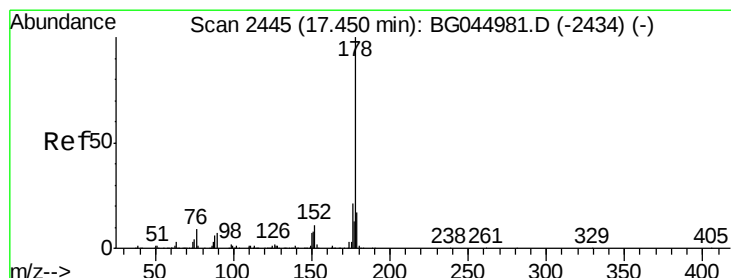
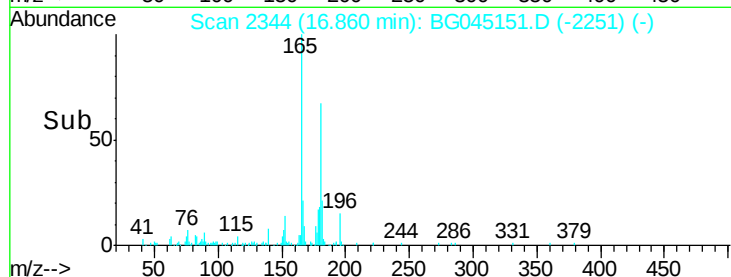
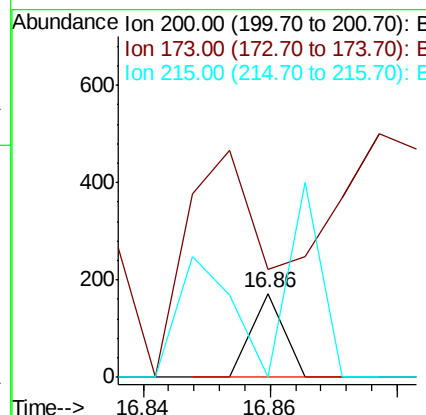
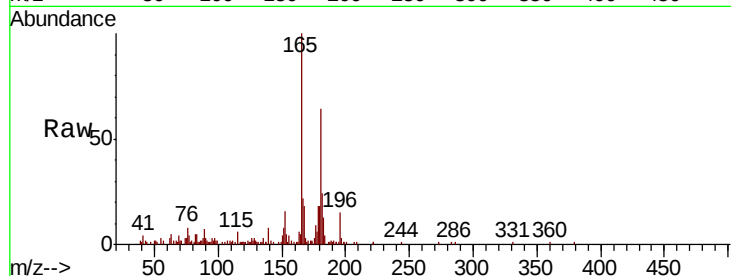




#69
 Atrazine
 Concen: Below Cal
 RT: 16.86 min Scan# 2344
 Delta R.T. 0.01 min
 Lab File: BG045151.D
 Acq: 23 Apr 2020 21:09

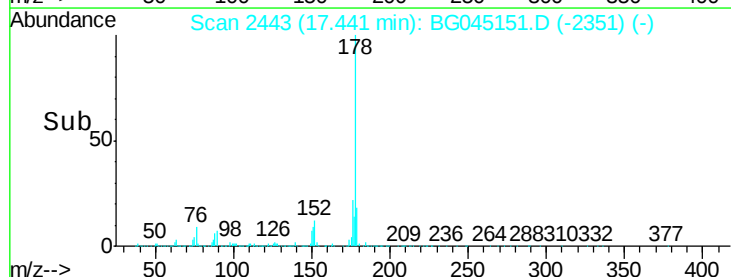
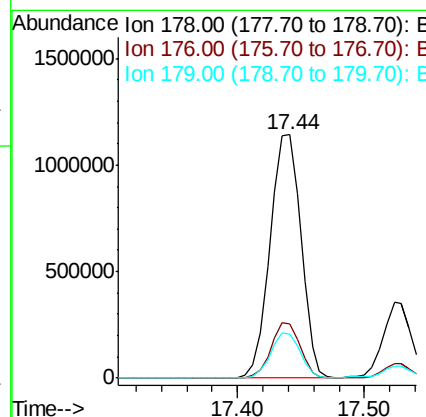
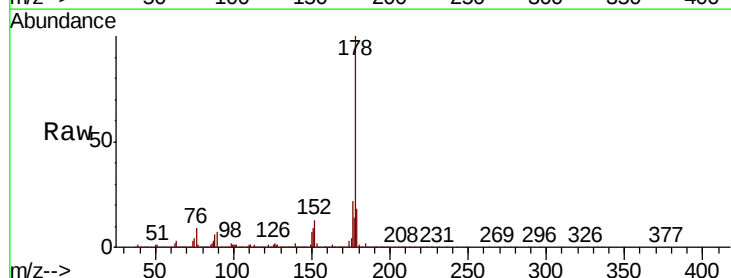
Instrument :
 BNA_G
 ClientSampleId :

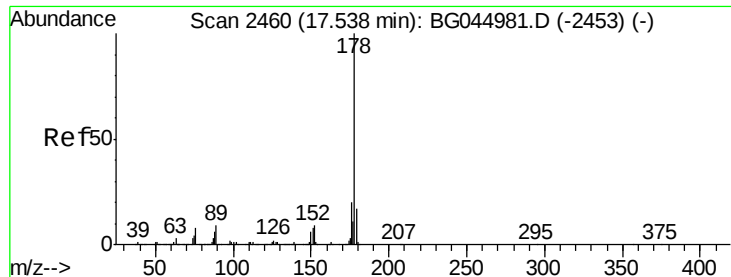
Tot Ion:200 Resp: 61
 Ion Ratio Lower Upper
 200 100
 173 128.5 4.5 44.5#
 215 0.0 30.0 70.0#



#71
 Phenanthrene
 Concen: 51.218 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BG045151.D
 Acq: 23 Apr 2020 21:09

Tgt Ion:178 Resp: 1931981
 Ion Ratio Lower Upper
 178 100
 176 22.4 16.8 25.2
 179 18.0 13.2 19.8





#72

Anthracene

Concen: 14.275 ng

RT: 17.52 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

ClientSampled :

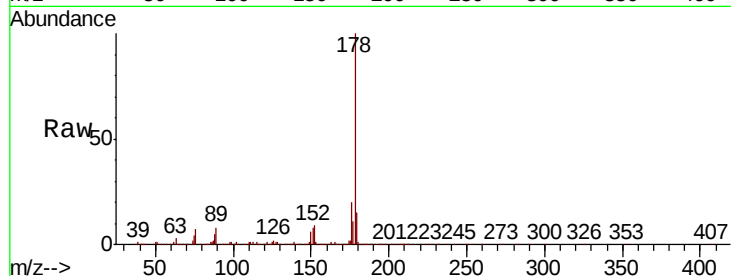
Tot Ion:178 Resp: 540125

Ion Ratio Lower Upper

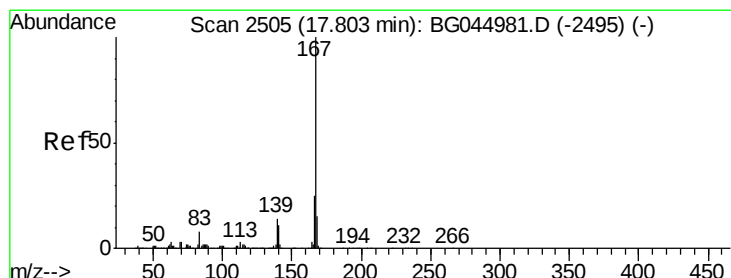
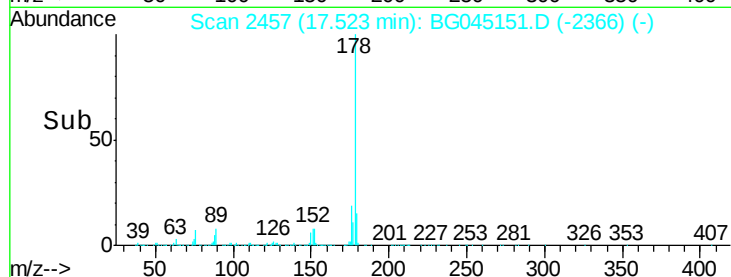
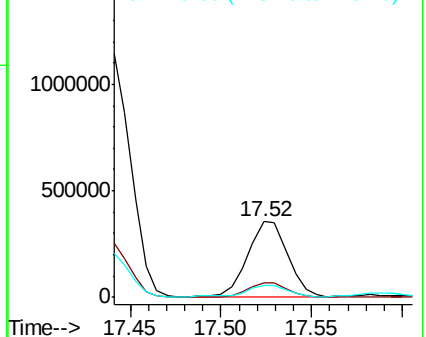
178 100

176 19.6 16.0 24.0

179 15.3 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



#73

Carbazole

Concen: 3.233 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

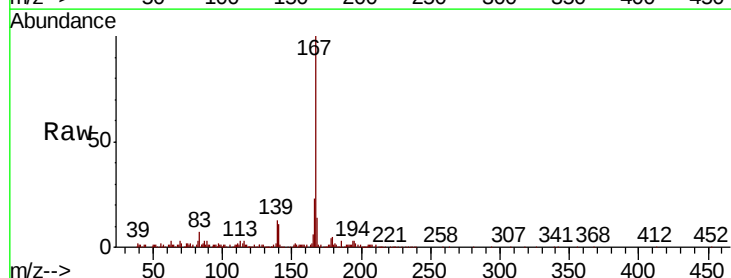
Tgt Ion:167 Resp: 124145

Ion Ratio Lower Upper

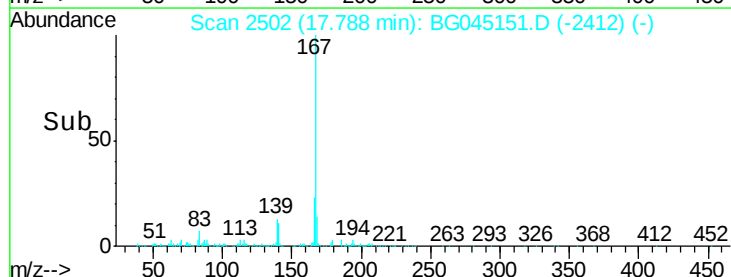
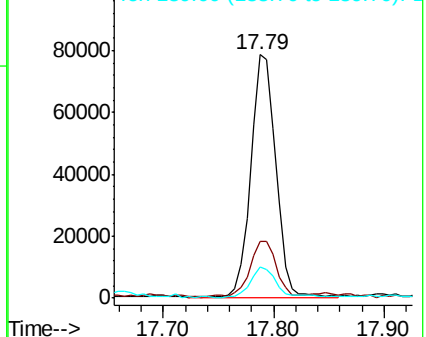
167 100

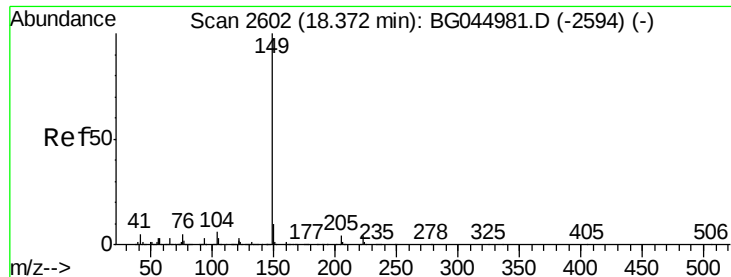
166 23.2 19.8 29.6

139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

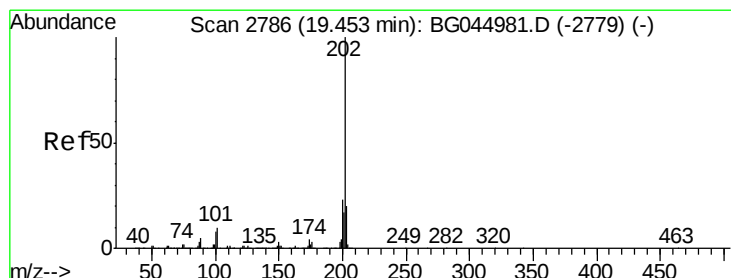
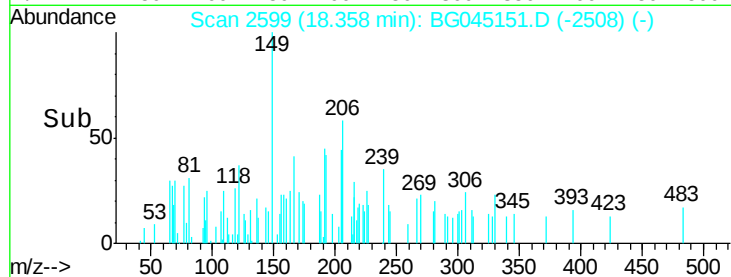
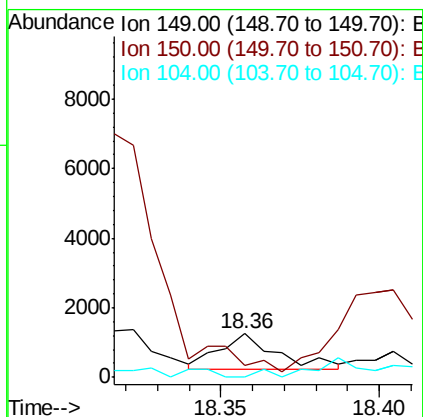
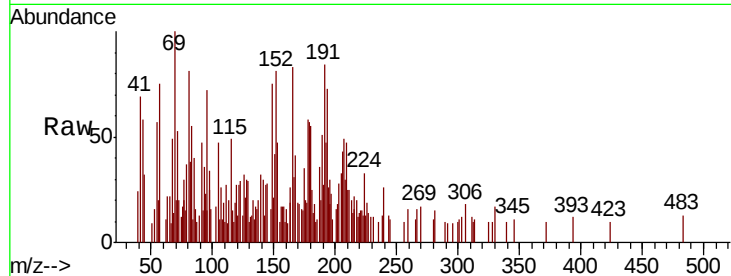




#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2599
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

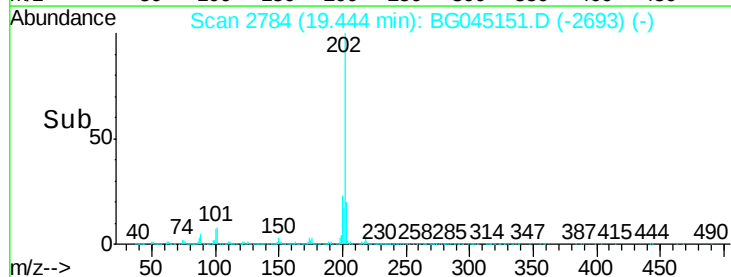
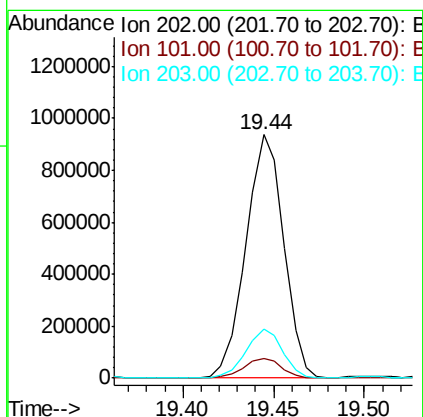
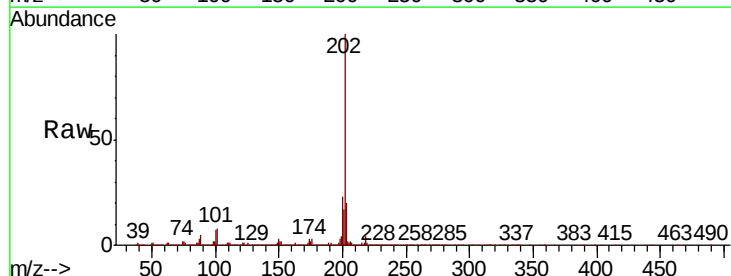
Instrument :
BNA_G
ClientSampled :

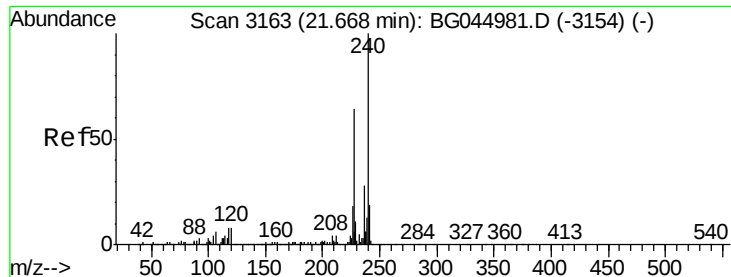
Tot Ion:149 Resp: 1313
Ion Ratio Lower Upper
149 100
150 27.9 8.2 12.2#
104 0.0 4.8 7.2#



#75
Fluoranthene
Concen: 28.216 ng
RT: 19.44 min Scan# 2784
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion:202 Resp: 1353031
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.6
203 20.2 0.0 39.7

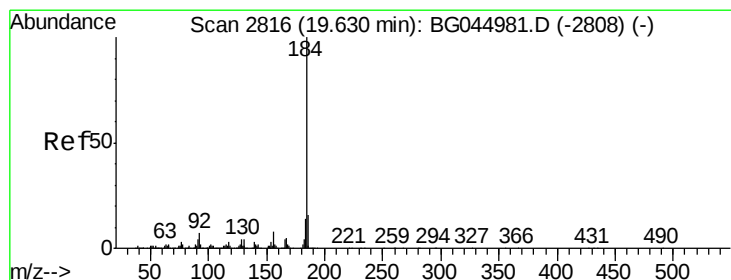
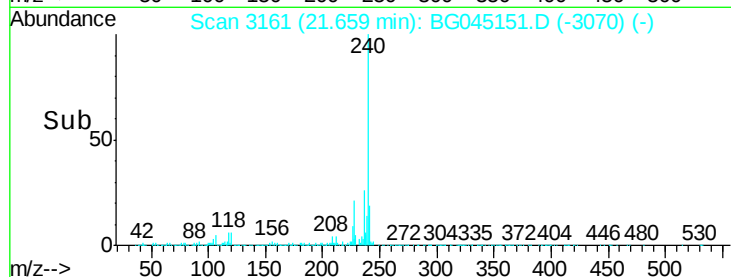
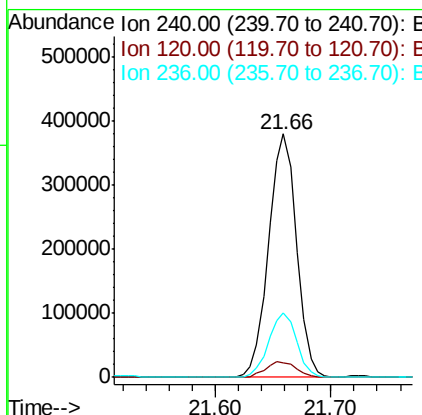
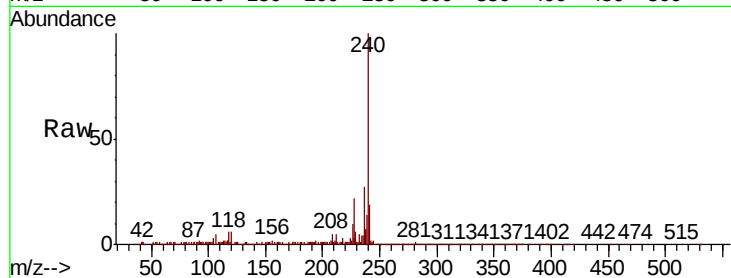




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

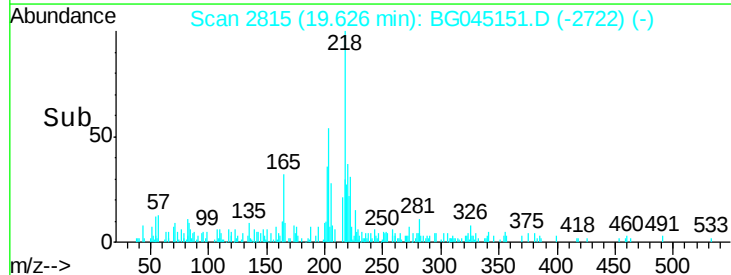
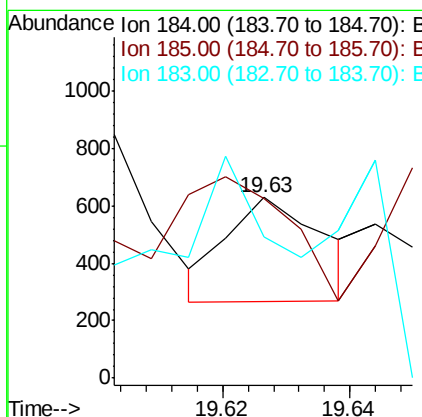
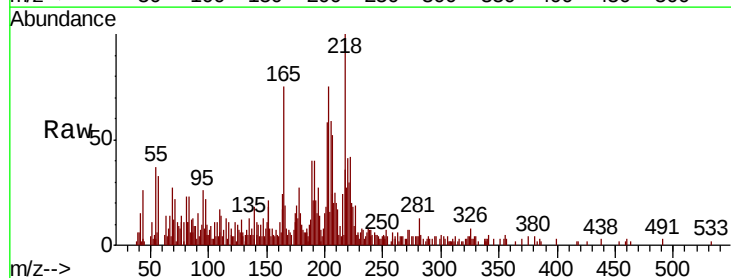
Instrument :
BNA_G
ClientSampleId :

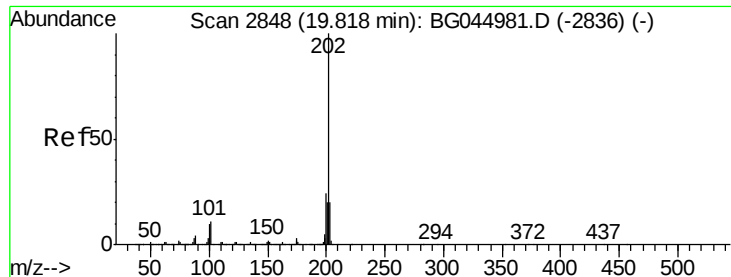
Tot Ion:240 Resp: 636393
Ion Ratio Lower Upper
240 100
120 6.1 6.6 10.0#
236 26.6 22.2 33.2



#77
Benzidine
Concen: Below Cal
RT: 19.63 min Scan# 2815
Delta R.T. 0.01 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion:184 Resp: 377
Ion Ratio Lower Upper
184 100
185 99.7 12.6 19.0#
183 78.0 11.3 16.9#





#78

Pvrene

Concen: 33.898 ng

RT: 19.81 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

ClientSampleId :

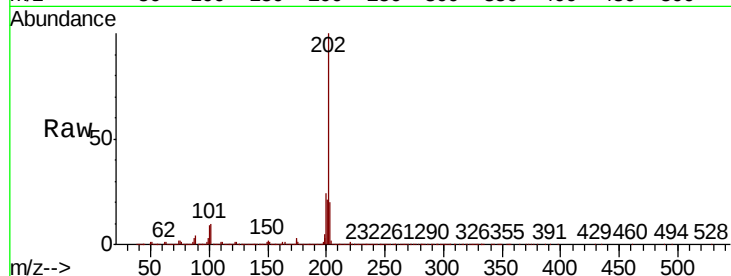
Tot Ion:202 Resp: 1487221

Ion	Ratio	Lower	Upper
202	100		
200	24.1	19.0	28.6
203	19.8	16.1	24.1

202 100

200 24.1 19.0 28.6

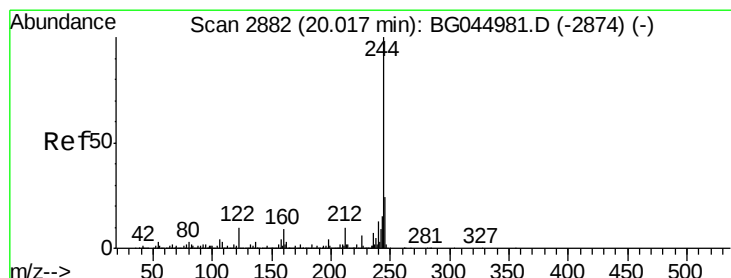
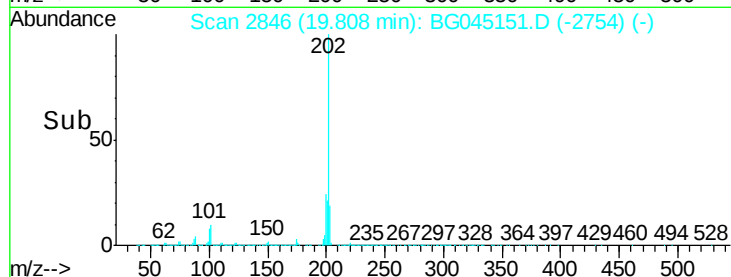
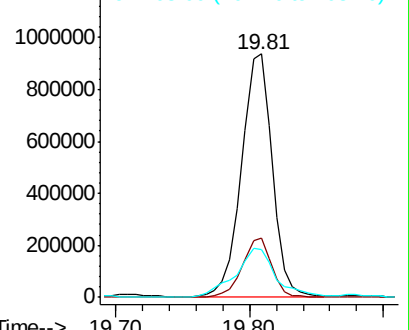
203 19.8 16.1 24.1



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: 20.310 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

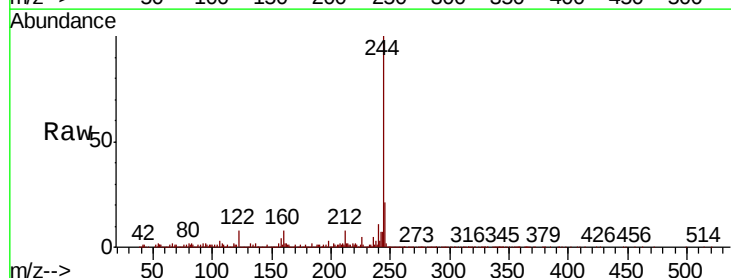
Tgt Ion:244 Resp: 593008

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.9	11.9#
122	7.5	7.7	11.5#

244 100

212 7.7 7.9 11.9#

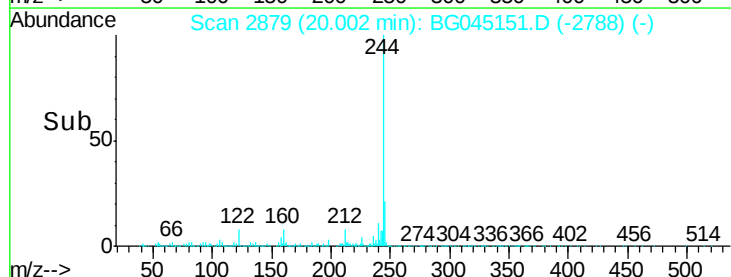
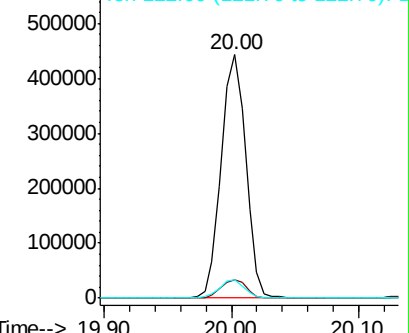
122 7.5 7.7 11.5#

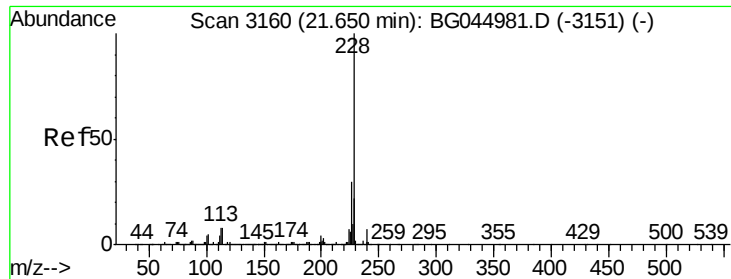


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

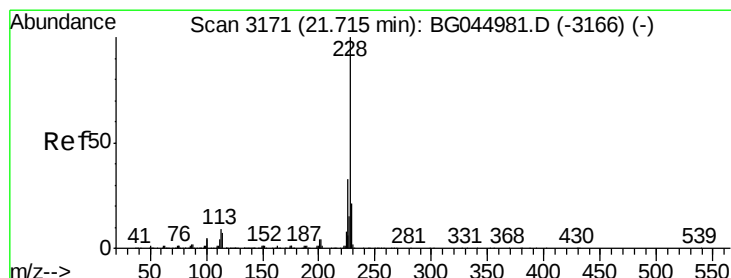
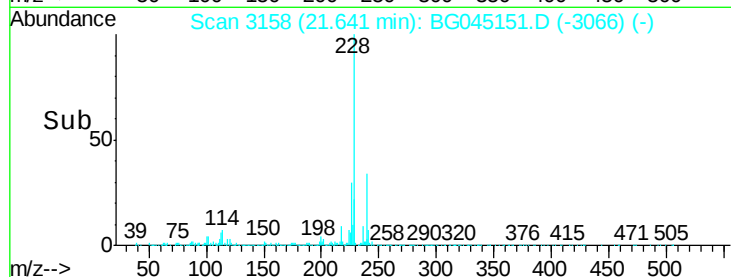
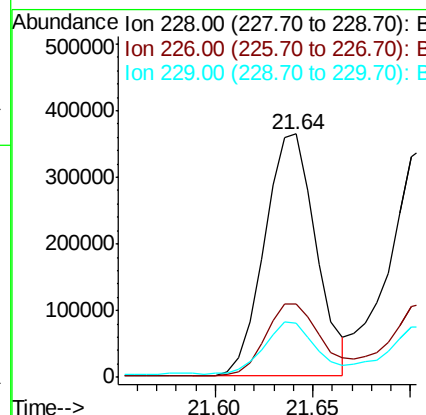
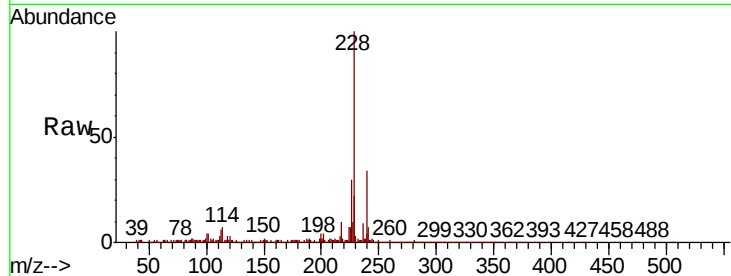




#81
Benzo(a)anthracene
Concen: 16.099 ng
RT: 21.64 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

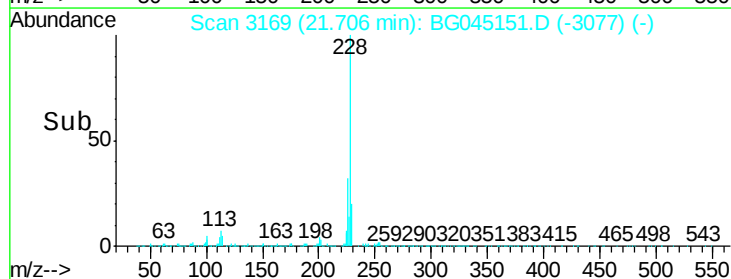
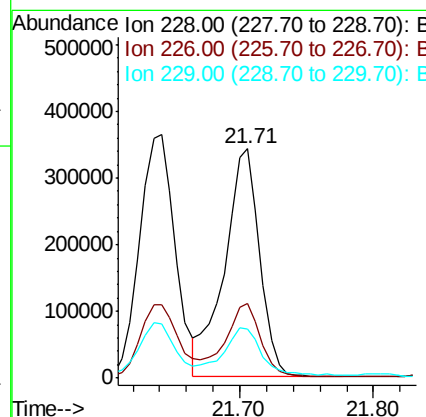
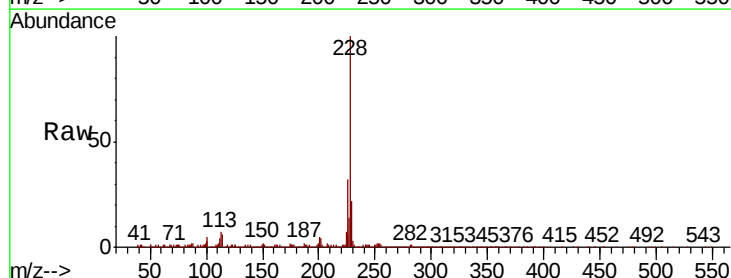
Instrument :
BNA_G
ClientSampled :

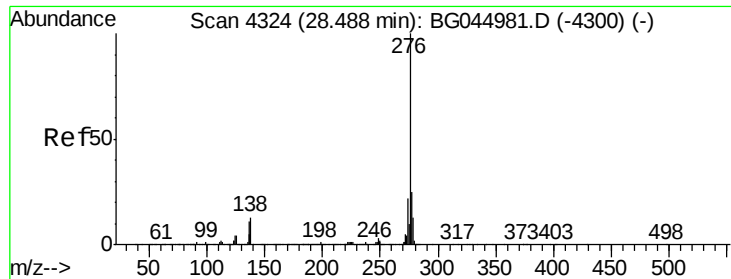
Tot Ion:228 Resp: 664047
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 22.4 17.5 26.3



#83
Chrysene
Concen: 15.949 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion:228 Resp: 632079
Ion Ratio Lower Upper
228 100
226 32.3 26.2 39.4
229 21.5 17.0 25.6

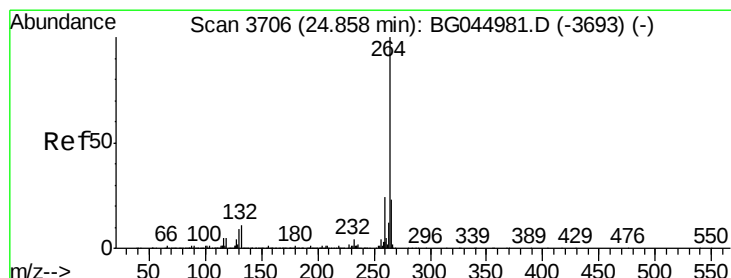
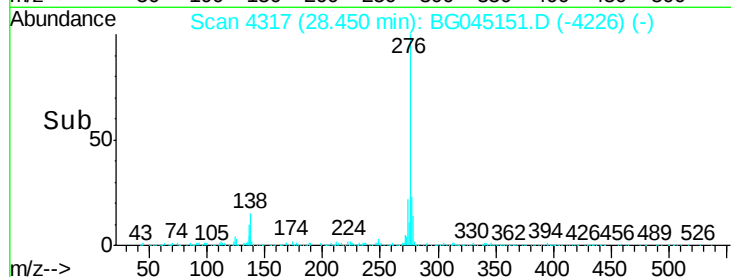
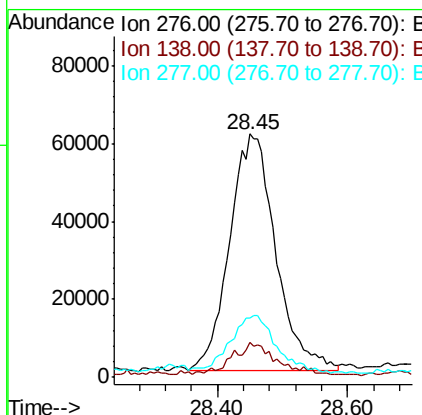
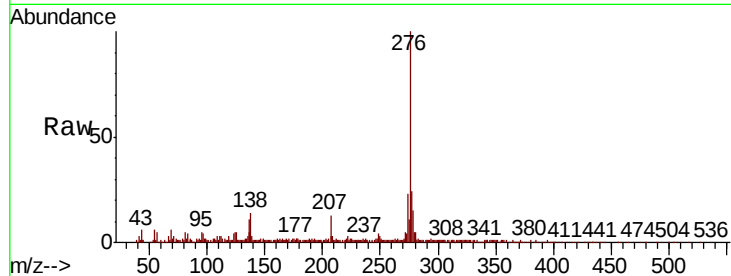




#86
Indeno(1,2,3-cd)pyrene
Concen: 5.635 ng
RT: 28.45 min Scan# 4317
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

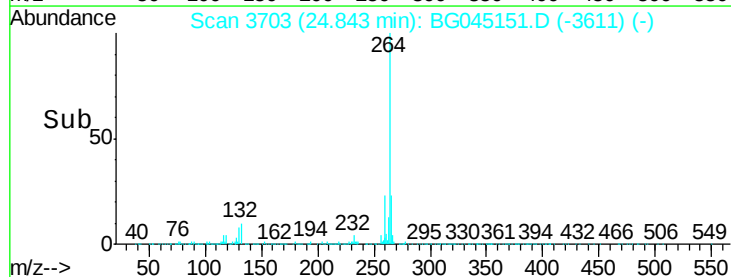
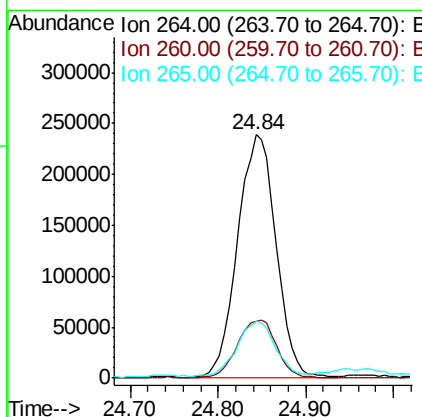
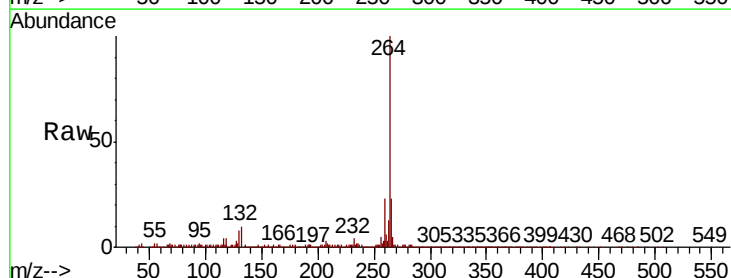
Instrument :
BNA_G
ClientSampleId :

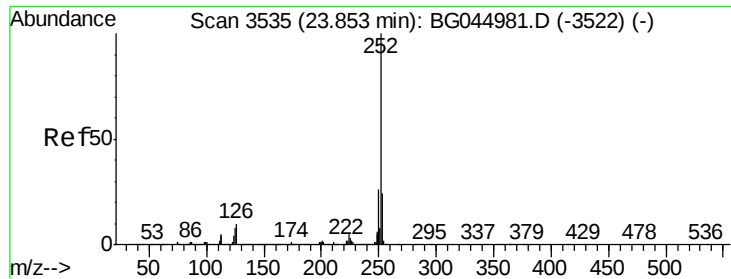
Tot Ion	Ratio	Lower	Upper
276	100		
138	6.6	9.6	14.4
277	23.9	20.6	31.0



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.2	19.0	28.4

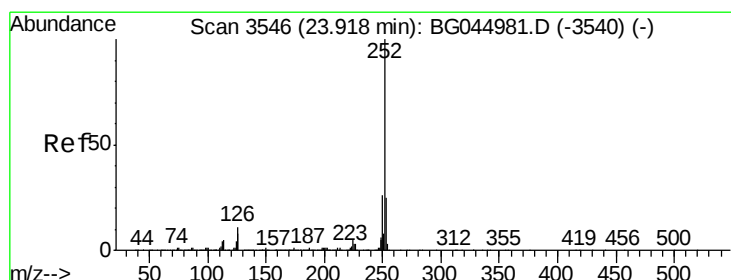
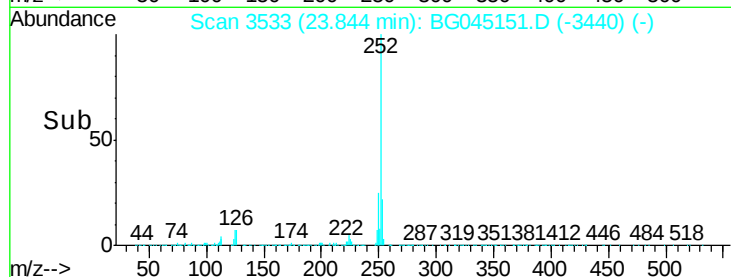
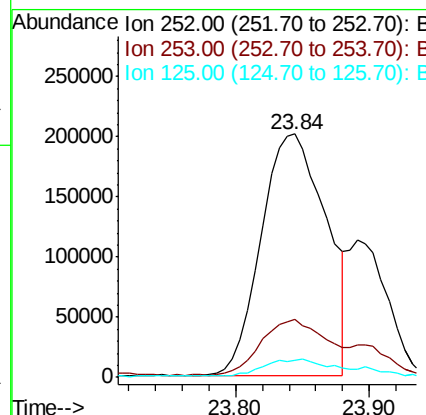
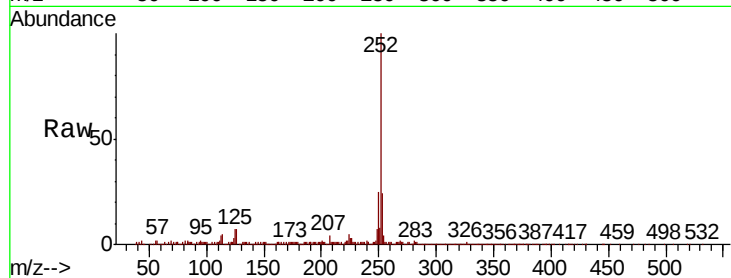




#88
Benzo(b)fluoranthene
Concen: 15.293 ng
RT: 23.84 min Scan# 3533
Delta R.T. 0.01 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

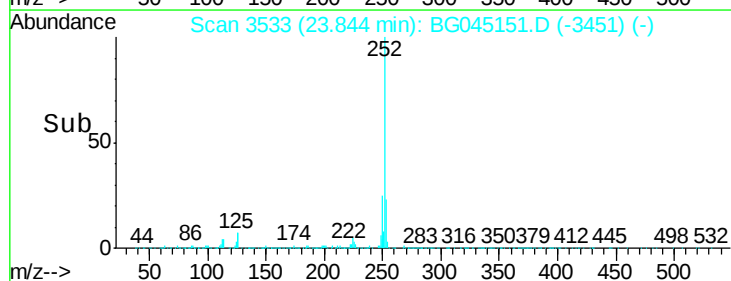
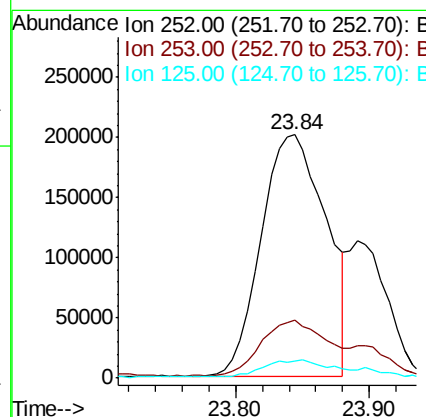
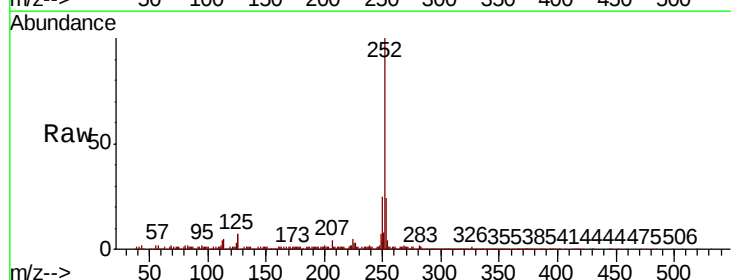
Instrument :
BNA_G
ClientSampleId :

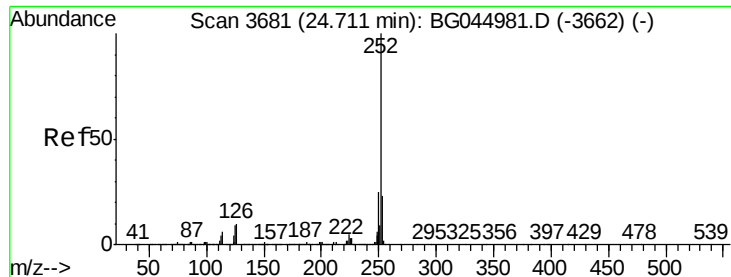
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.8	28.2
125	7.2	6.2	9.4



#89
Benzo(k)fluoranthene
Concen: 16.081 ng
RT: 23.84 min Scan# 3533
Delta R.T. -0.05 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	7.2	5.9	8.9





#90

Benzo(a)pyrene

Concen: 14.046 ng

RT: 24.70 min Scan# 3678

Delta R.T. 0.01 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

ClientSampleId :

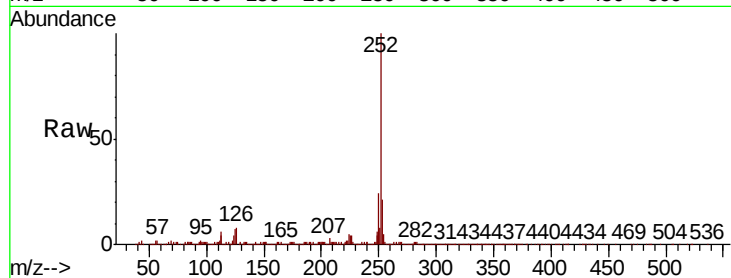
Tot Ion:252 Resp: 589434

Ion Ratio Lower Upper

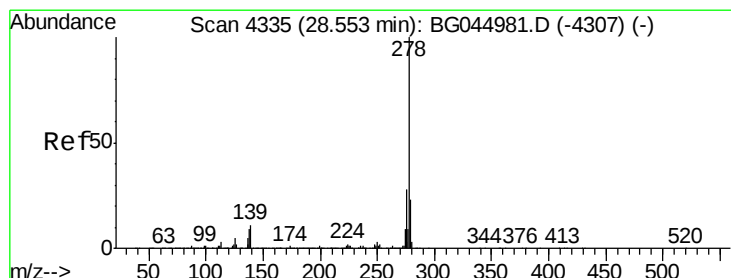
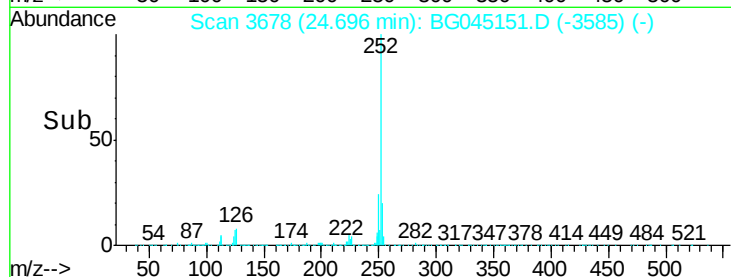
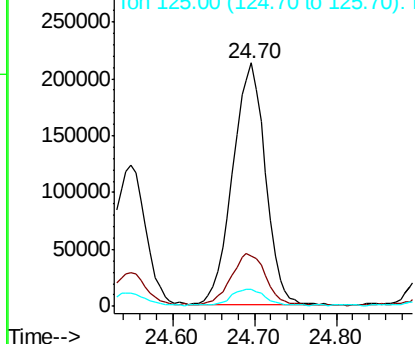
252 100

253 20.7 18.3 27.5

125 7.2 7.0 10.6



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: 2.081 ng

RT: 28.50 min Scan# 4326

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

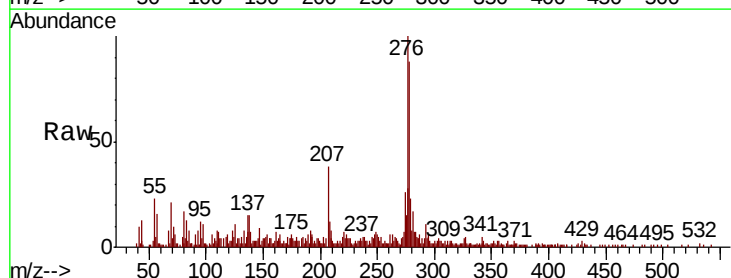
Tgt Ion:278 Resp: 88012

Ion Ratio Lower Upper

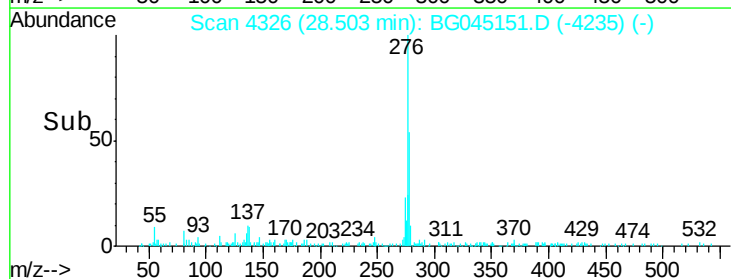
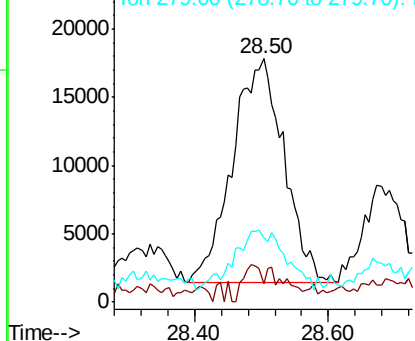
278 100

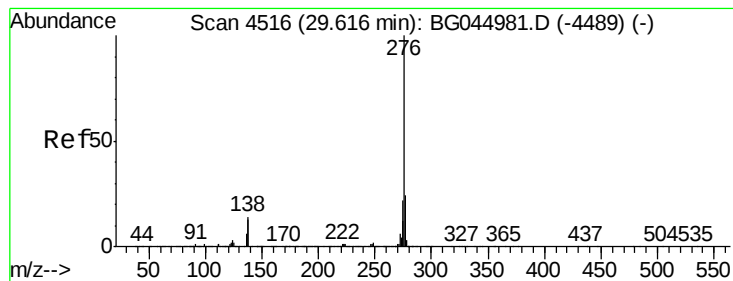
139 7.5 9.0 13.6#

279 26.4 18.4 27.6



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





#92

Benzo(a,h,i)perylene

Concen: 6.347 ng

RT: 29.57 min Scan# 4508

Delta R.T. 0.01 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

ClientSampleId :

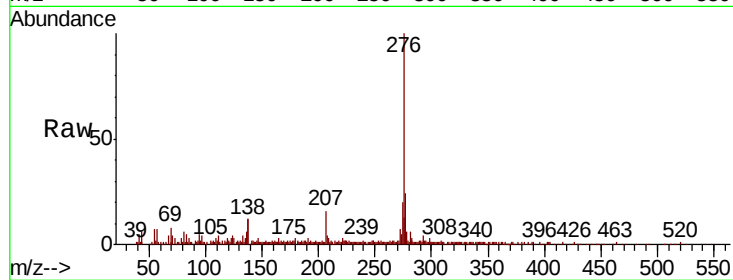
Tot Ion: 276 Resp: 269063

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 11.8 11.4 17.2



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

