

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041222.D
 Acq On : 13 Jun 2019 1:12
 Operator : HP/JU
 Sample : K3303-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BAT-B02

Quant Time: Jun 13 08:26:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

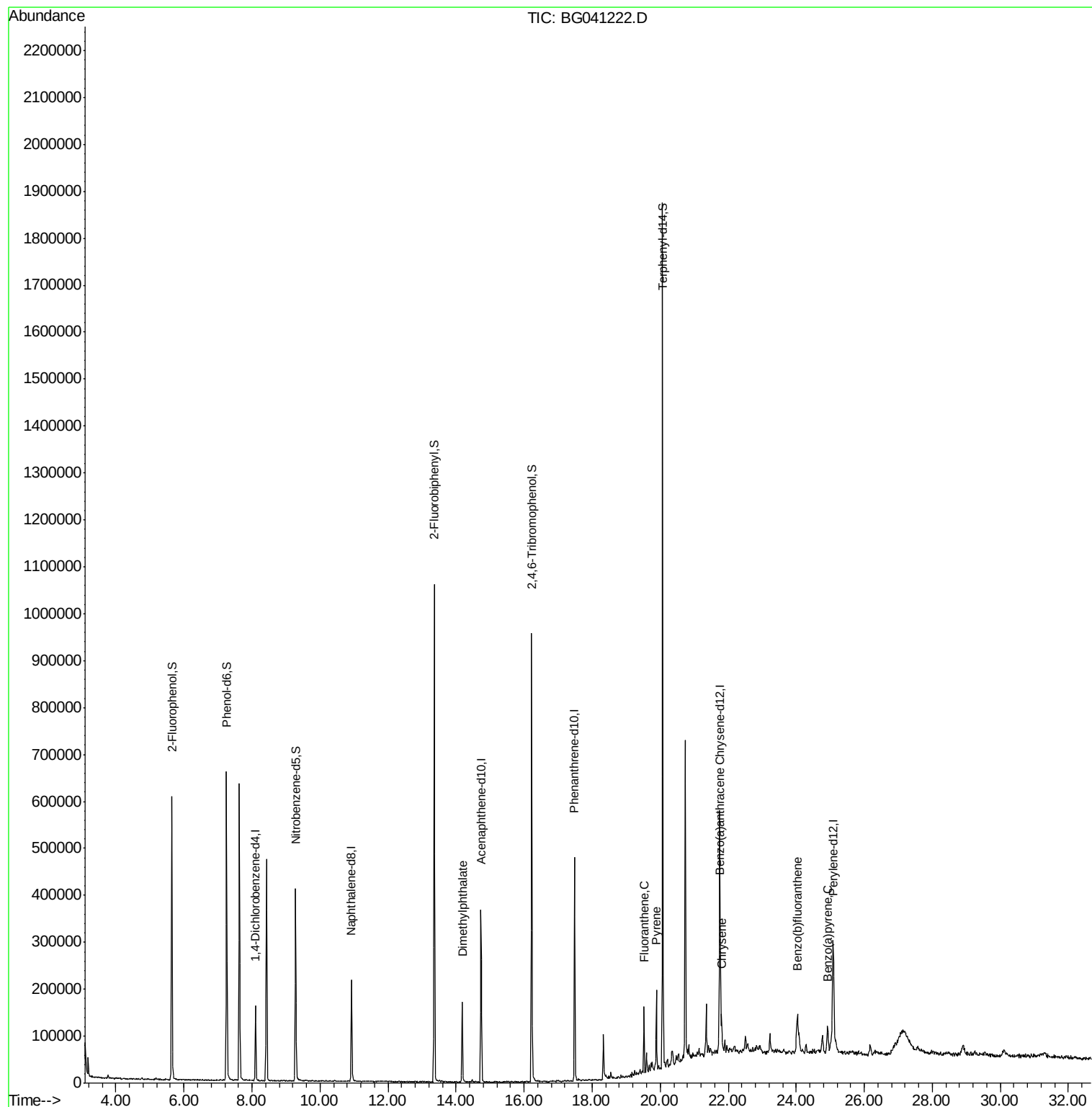
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43274	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	177437	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	133425	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	306454	20.00	ng	0.00
76) Chrysene-d12	21.75	240	296699	20.00	ng	0.00
87) Perylene-d12	25.09	264	316246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	231607	96.51	ng	0.00
7) Phenol-d6	7.25	99	359429	96.98	ng	0.00
23) Nitrobenzene-d5	9.28	82	251247	62.86	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	184479	93.13	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	557828	60.21	ng	0.00
79) Terphenyl-d14	20.07	244	850504	60.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	119179	10.552	ng	Qvalue 100
75) Fluoranthene	19.52	202	95015	4.819	ng	95
78) Pyrene	19.89	202	115478	5.987	ng	95
81) Benzo(a)anthracene	21.74	228	68859	3.487	ng	96
83) Chrysene	21.80	228	60730	3.213	ng	97
88) Benzo(b)fluoranthene	24.02	252	95113	4.959	ng	99
90) Benzo(a)pyrene	24.92	252	67414	3.684	ng	96

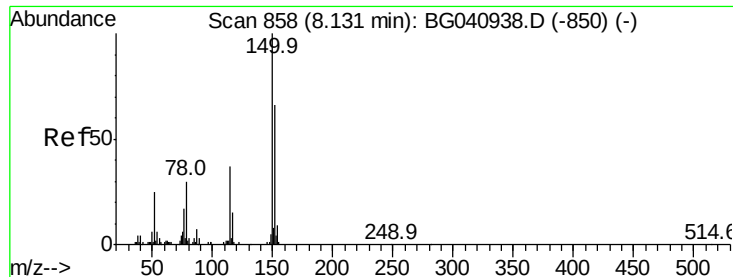
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 09 23:08:34 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

Instrument :

BNA_G

ClientSampleId :

BAT-B02

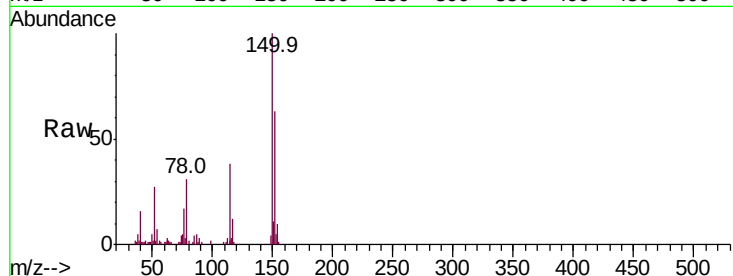
Tot Ion:152 Resp: 43274

Ion Ratio Lower Upper

152 100

150 159.8 120.6 180.8

115 61.5 45.1 67.7

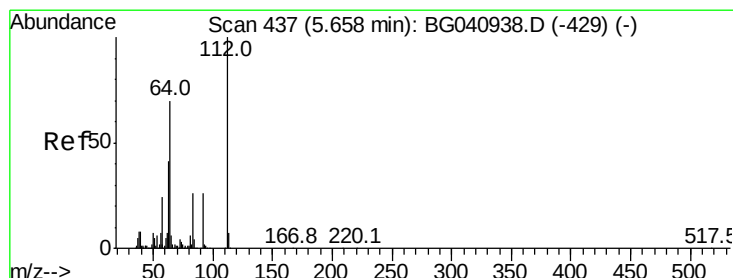
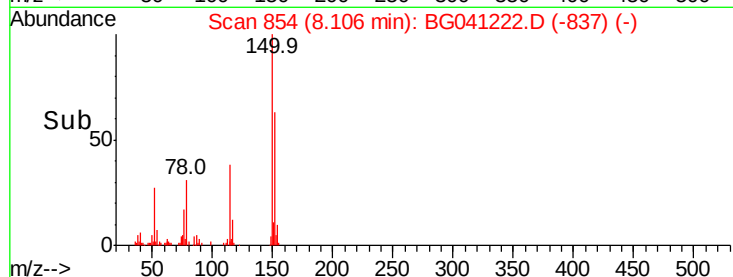
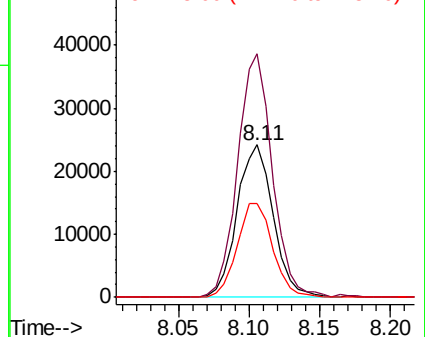


Abundance

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: 96.510 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

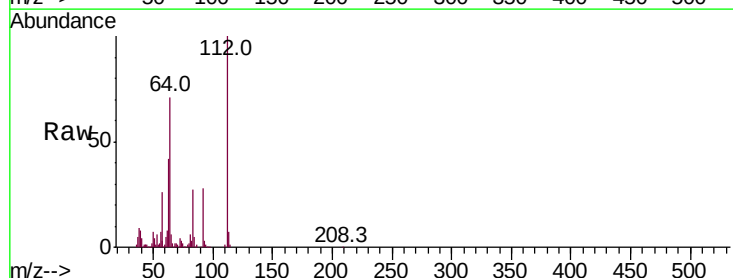
Tgt Ion:112 Resp: 231607

Ion Ratio Lower Upper

112 100

64 71.0 56.2 84.2

63 42.4 32.8 49.2

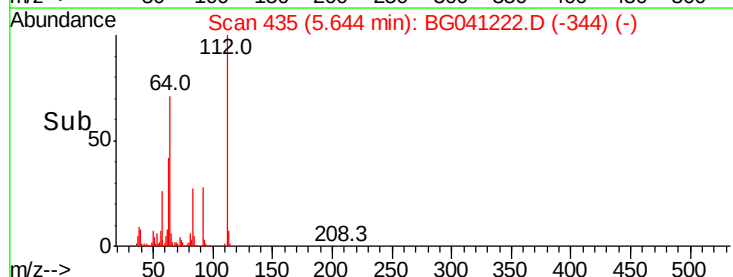
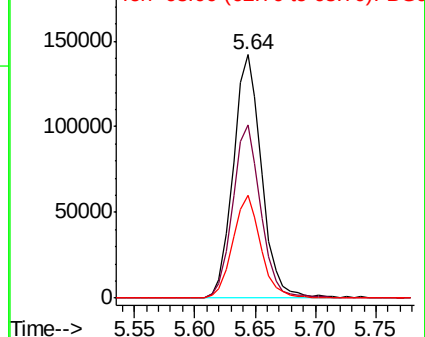


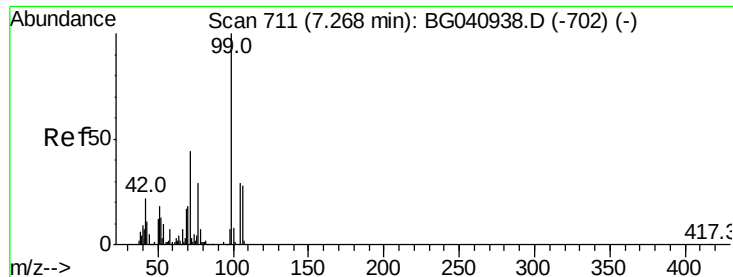
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 96.978 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

Instrument :

BNA_G

ClientSampleId :

BAT-B02

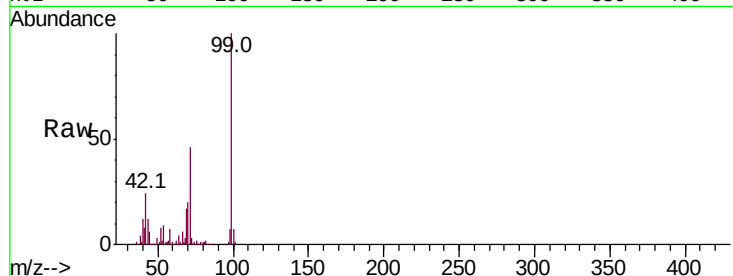
Tot Ion: 99 Resp: 359429

Ion Ratio Lower Upper

99 100

42 24.2 17.9 26.9

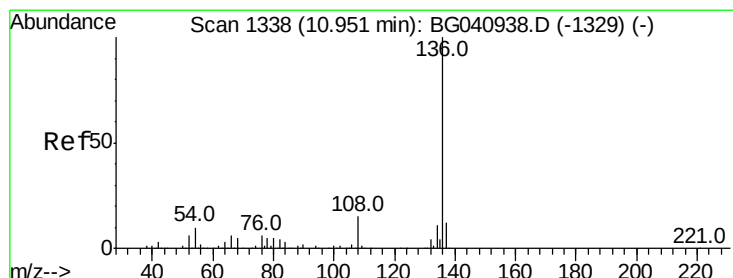
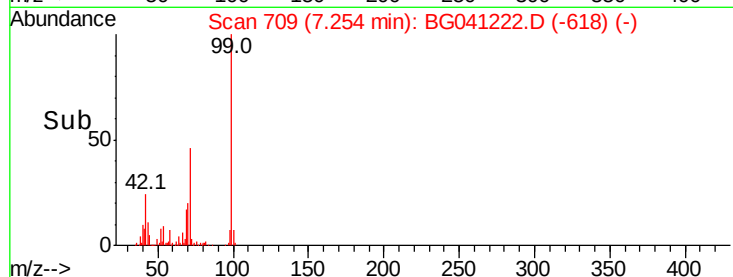
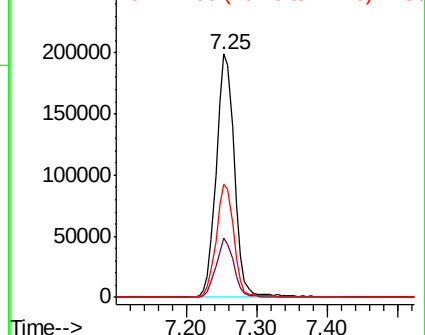
71 46.3 35.4 53.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

Tgt Ion: 136 Resp: 177437

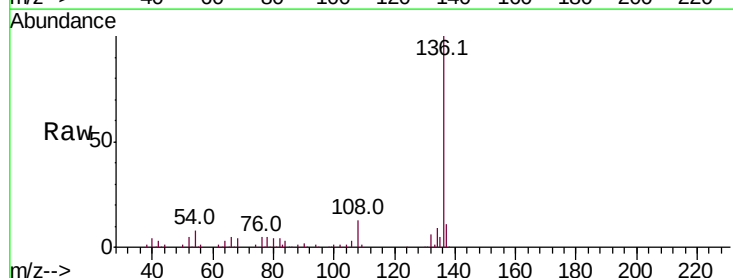
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 8.4 7.6 11.4

68 4.5 3.9 5.9

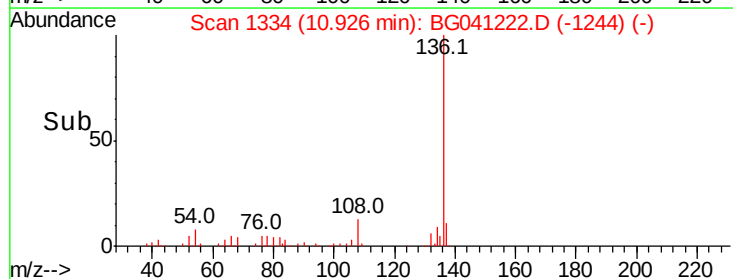
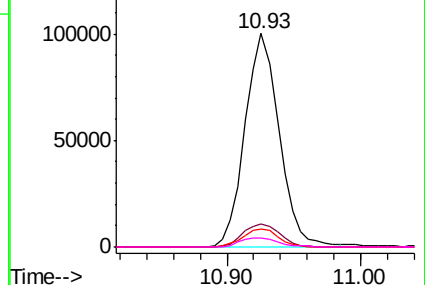


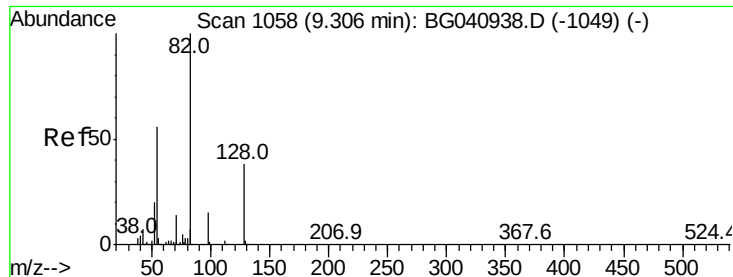
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 62.860 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

Instrument :

BNA_G

ClientSampleId :

BAT-B02

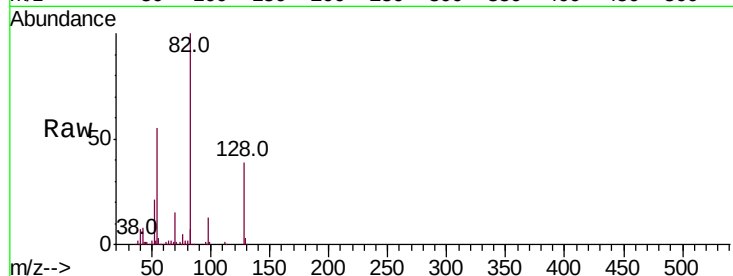
Tot Ion: 82 Resp: 251247

Ion Ratio Lower Upper

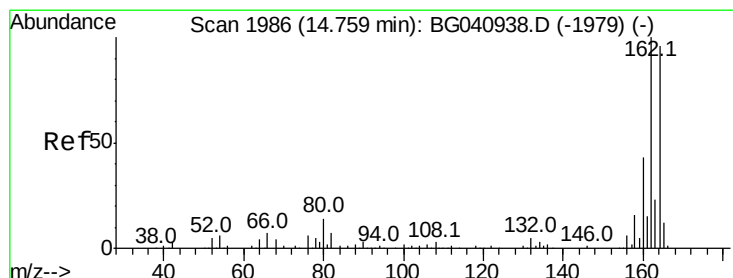
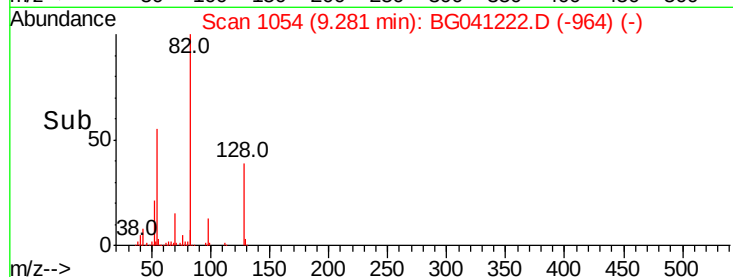
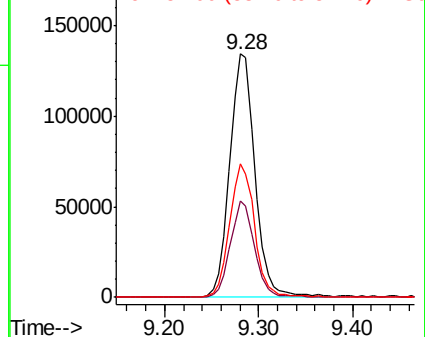
82 100

128 39.5 30.5 45.7

54 55.1 44.6 66.8



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

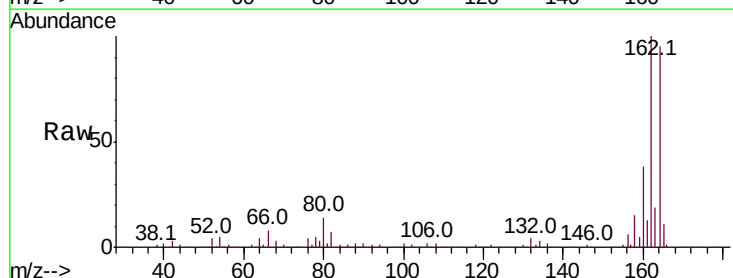
Tgt Ion: 164 Resp: 133425

Ion Ratio Lower Upper

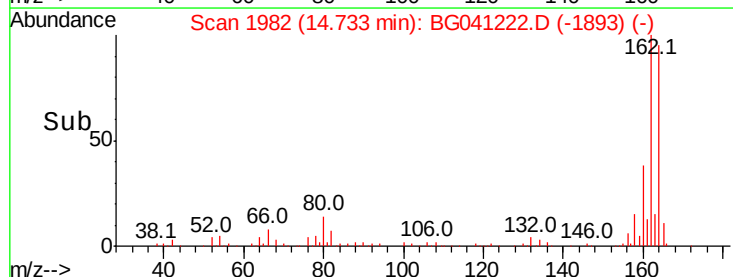
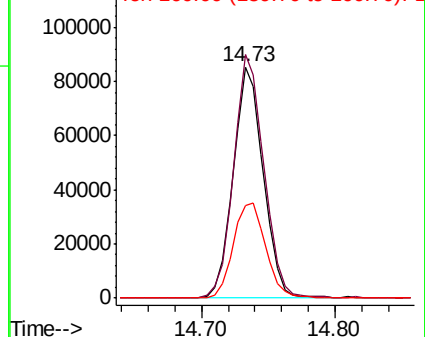
164 100

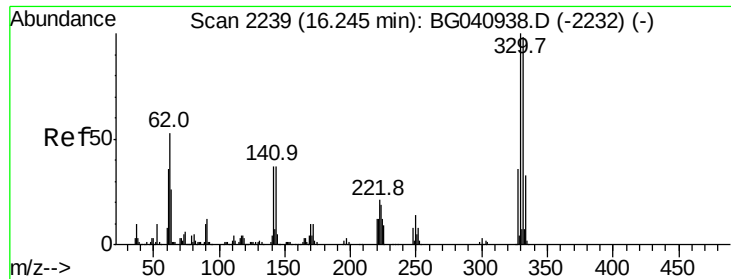
162 105.4 83.0 124.4

160 40.0 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

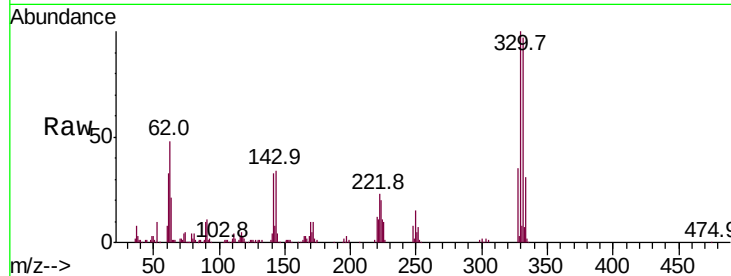




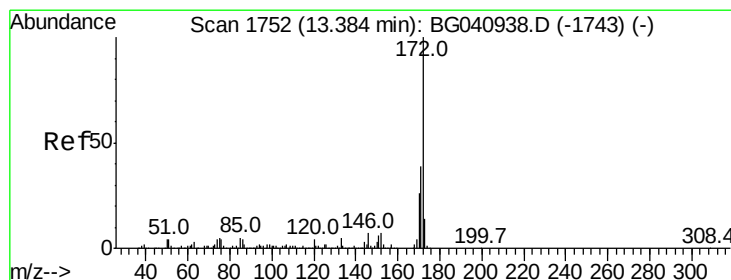
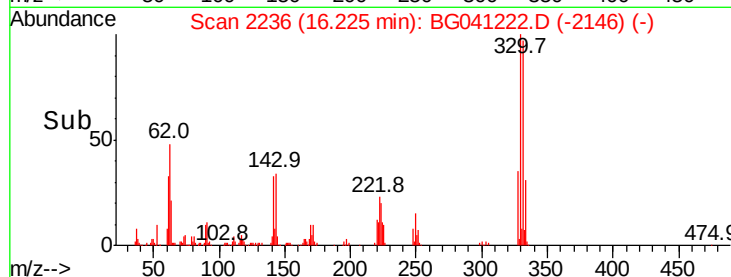
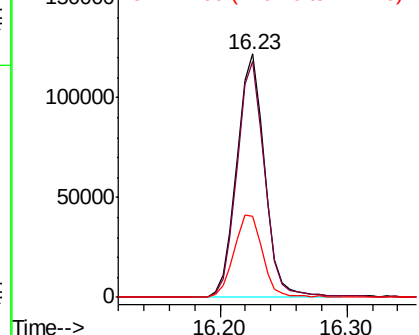
#42
2,4,6-Tribromophenol
Concen: 93.134 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041222.D
Acq: 13 Jun 2019 1:12

Instrument :
BNA_G
ClientSampleId :
BAT-B02

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.5	117.7
141	35.2	28.7	43.1

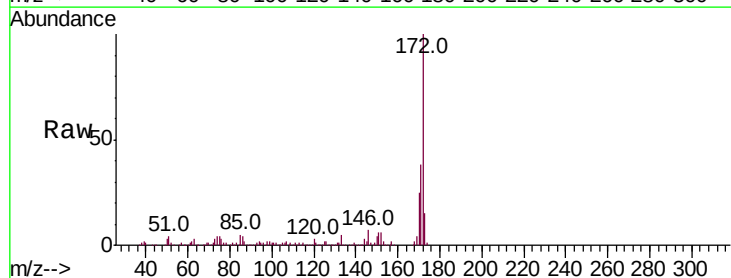


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

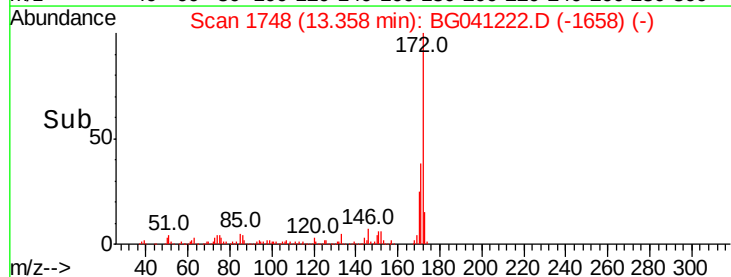
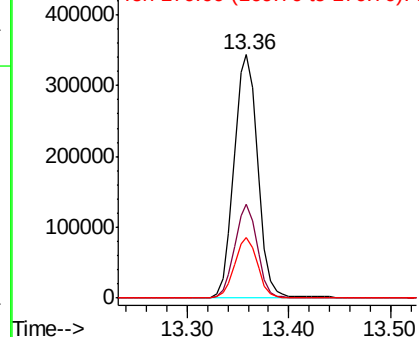


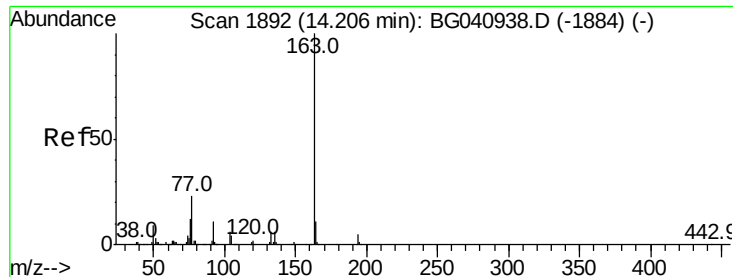
#45
2-Fluorobiphenyl
Concen: 60.208 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041222.D
Acq: 13 Jun 2019 1:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.1	46.7
170	25.1	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





#50

Dimethylphthalate

Concen: 10.552 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

Instrument :

BNA_G

ClientSampleId :

BAT-B02

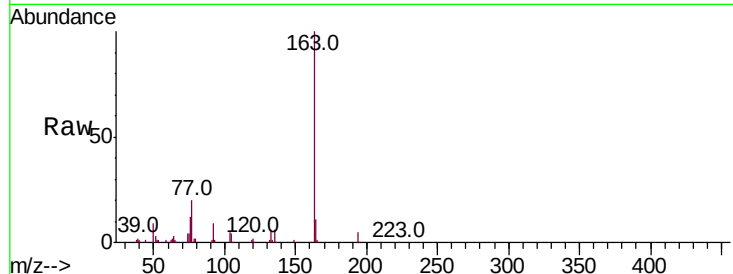
Tot Ion:163 Resp: 119179

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

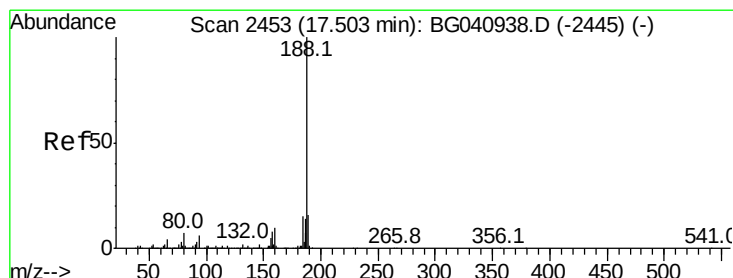
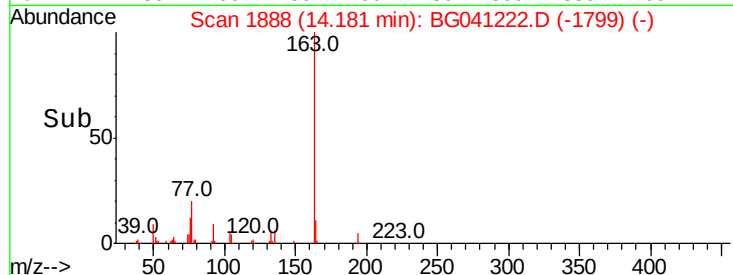
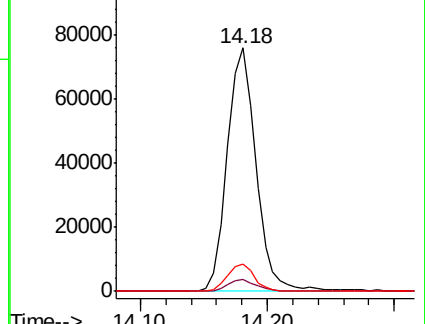
164 11.0 8.7 13.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

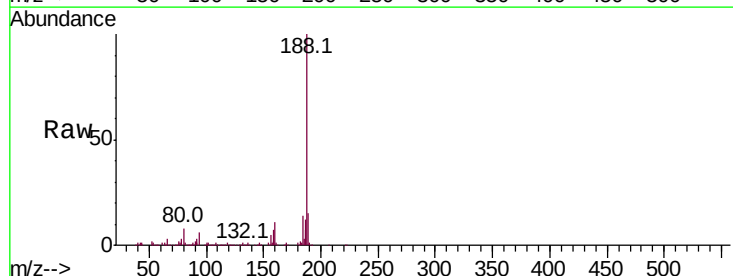
Tgt Ion:188 Resp: 306454

Ion Ratio Lower Upper

188 100

94 6.0 4.7 7.1

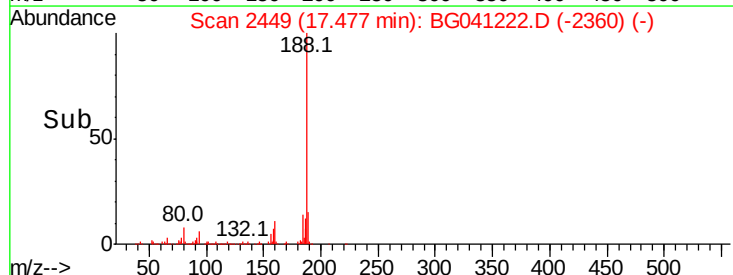
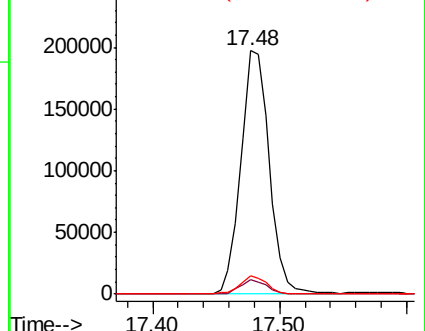
80 7.6 5.8 8.8

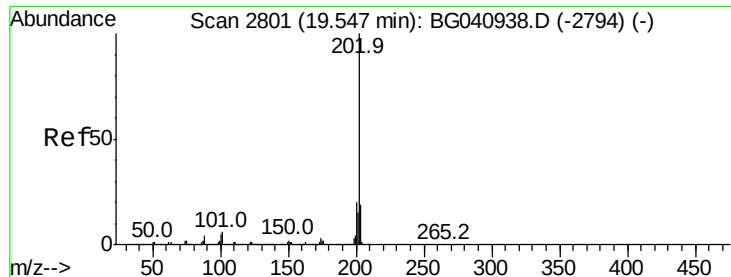


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Fluoranthene

Concen: 4.819 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

Instrument :

BNA_G

ClientSampleId :

BAT-B02

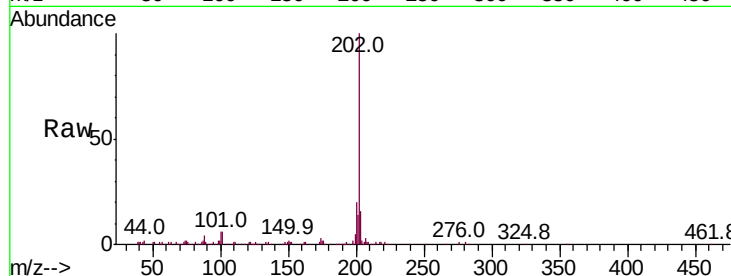
Tot Ion:202 Resp: 95015

Ion Ratio Lower Upper

202 100

101 5.5 0.0 26.2

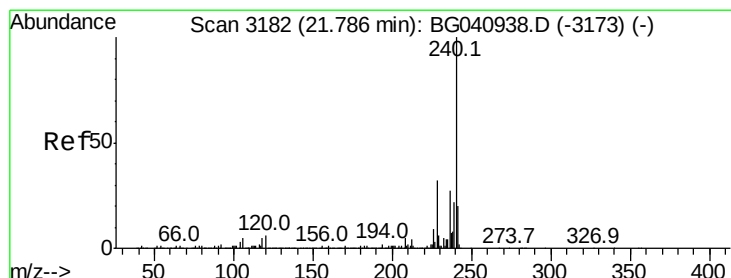
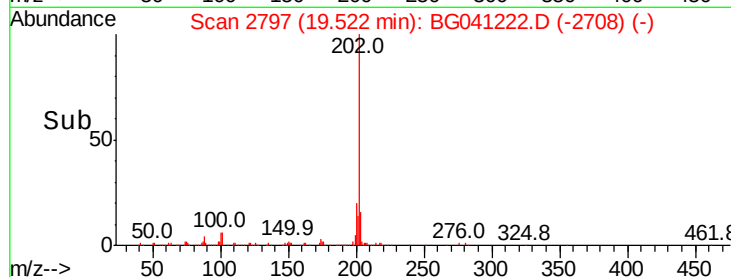
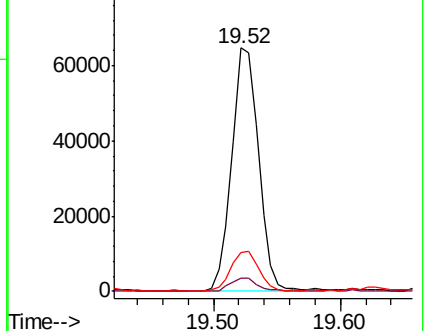
203 16.0 0.0 38.7



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# 3177

Delta R.T. -0.01 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

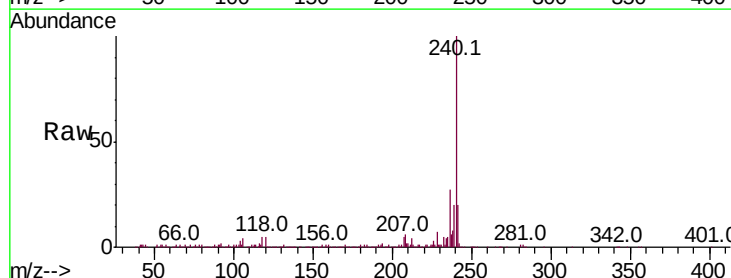
Tgt Ion:240 Resp: 296699

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

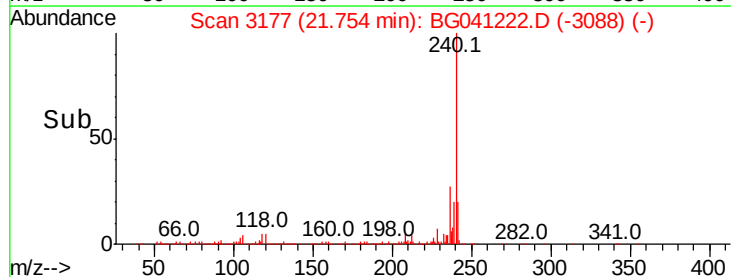
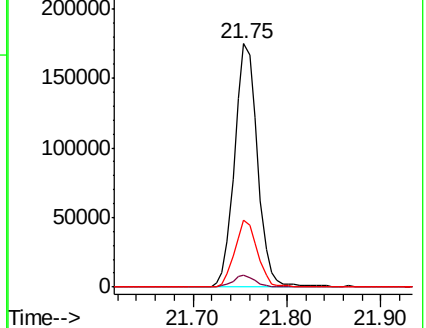
236 27.5 21.3 31.9

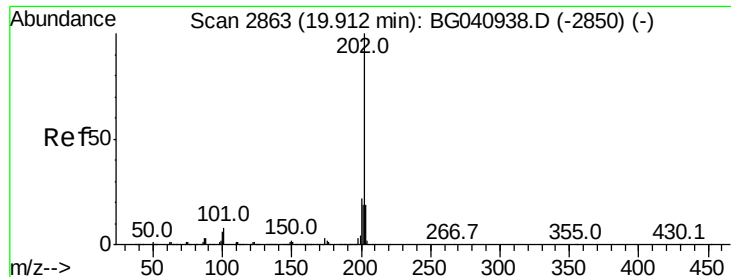


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 5.987 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

Instrument :

BNA_G

ClientSampleId :

BAT-B02

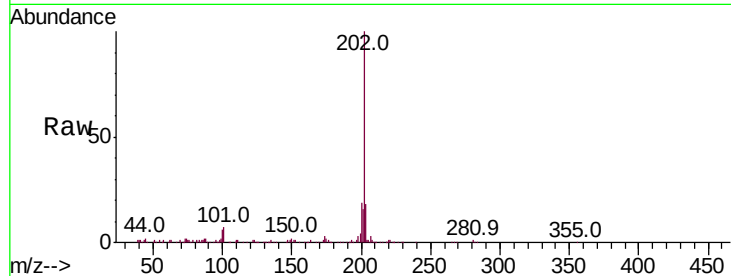
Tot Ion:202 Resp: 115478

Ion Ratio Lower Upper

202 100

200 19.5 17.5 26.3

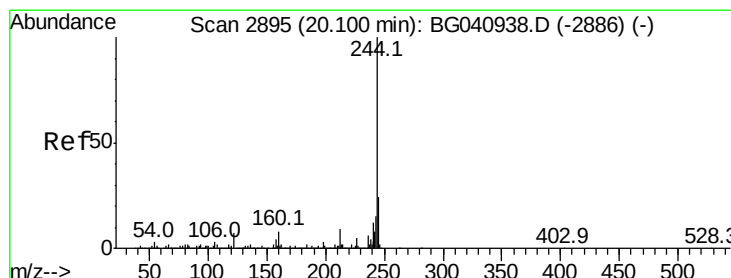
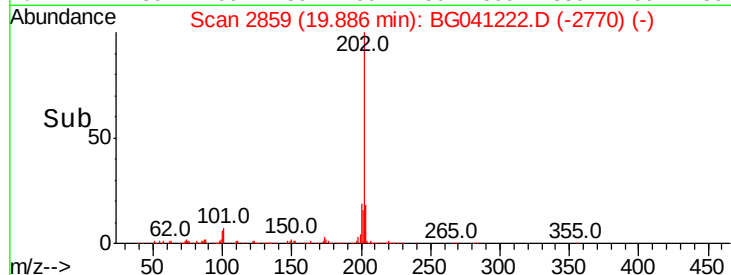
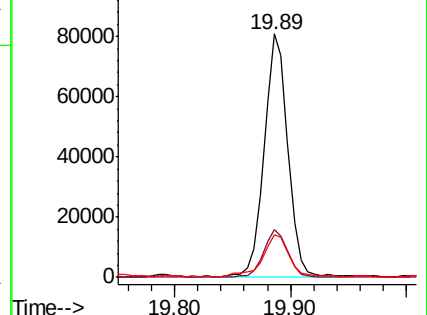
203 17.5 15.6 23.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 60.838 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

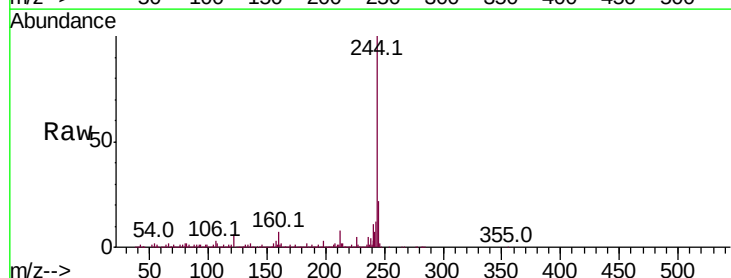
Tgt Ion:244 Resp: 850504

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

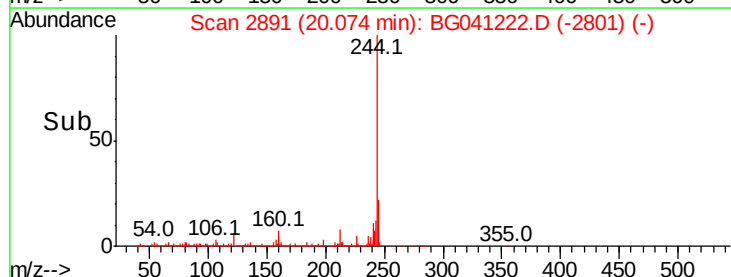
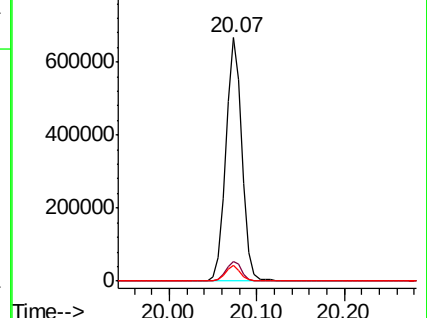
122 6.4 5.4 8.0

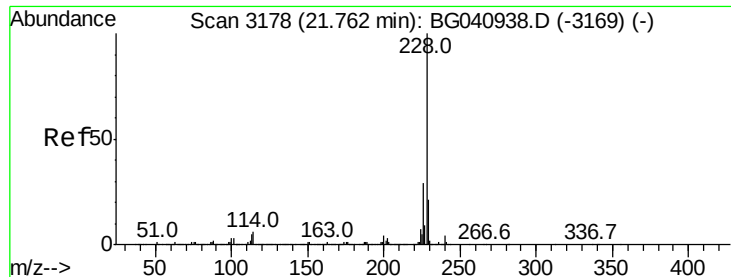


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 3.487 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

Instrument :

BNA_G

ClientSampleId :

BAT-B02

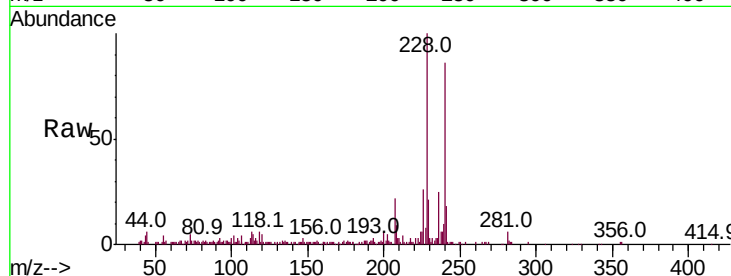
Tot Ion:228 Resp: 68859

Ion Ratio Lower Upper

228 100

226 26.4 23.5 35.3

229 21.3 16.7 25.1

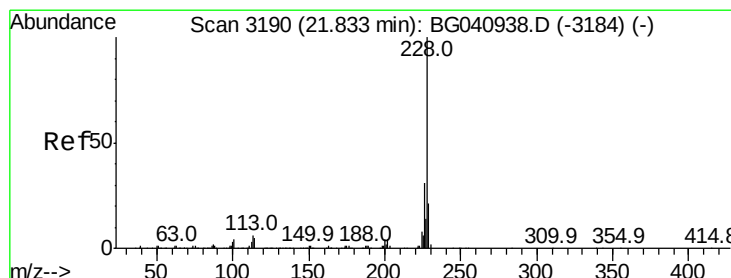
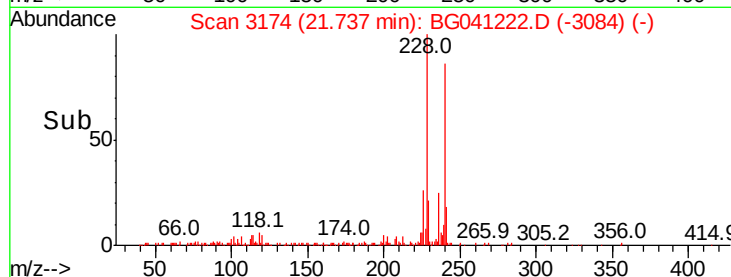
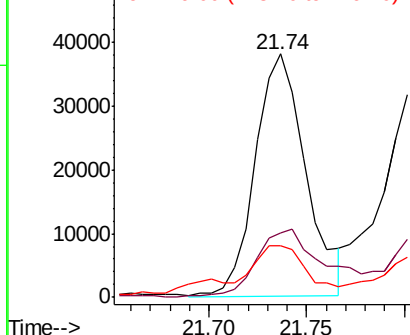


Abundance

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



#83

Chrysene

Concen: 3.213 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

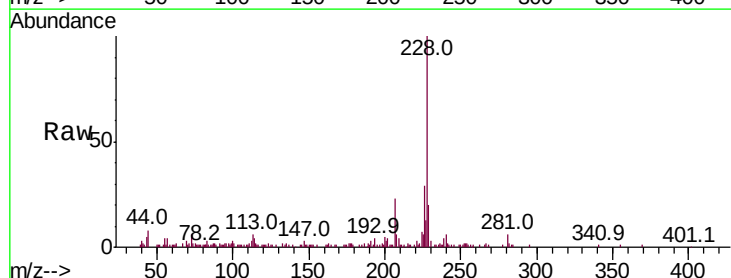
Tgt Ion:228 Resp: 60730

Ion Ratio Lower Upper

228 100

226 28.6 24.6 37.0

229 19.6 16.6 24.8

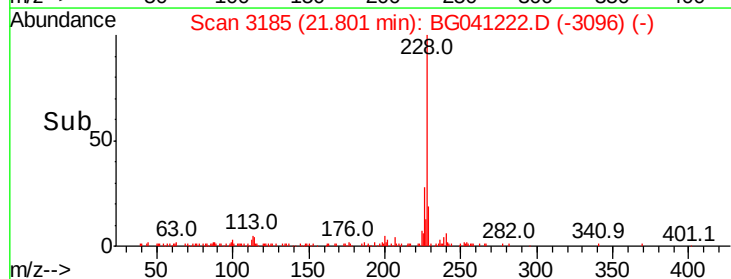
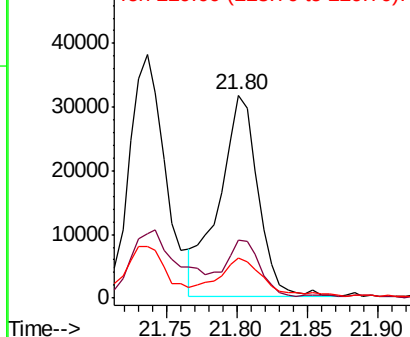


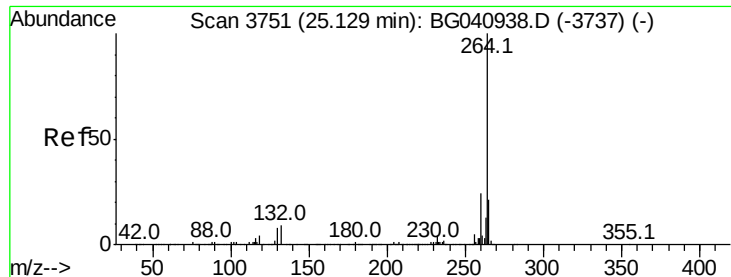
Abundance

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



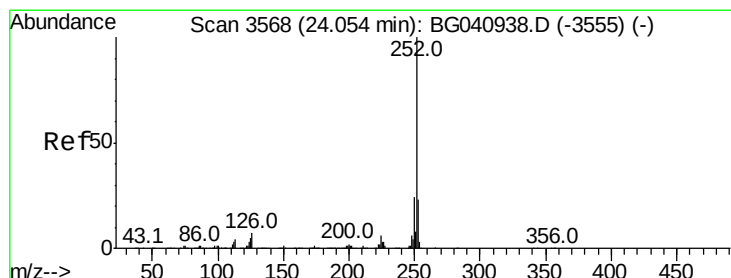
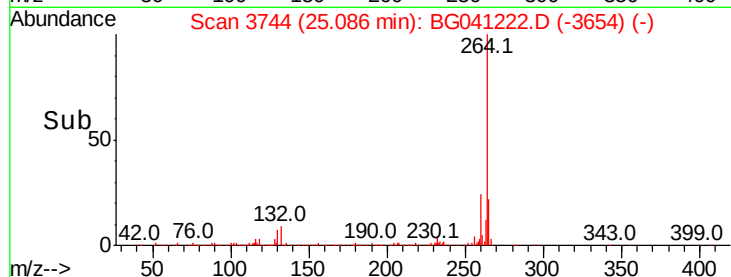
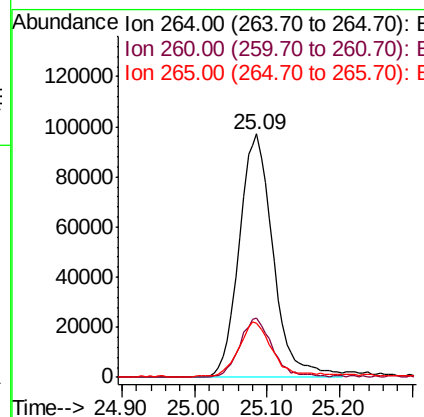
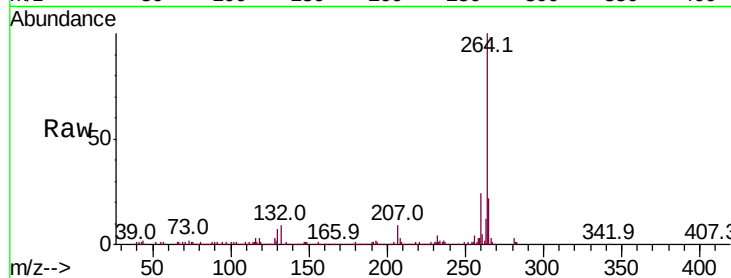


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041222.D
Acq: 13 Jun 2019 1:12

Instrument :
BNA_G
ClientSampleId :
BAT-B02

Tot Ion:264 Resp: 316246

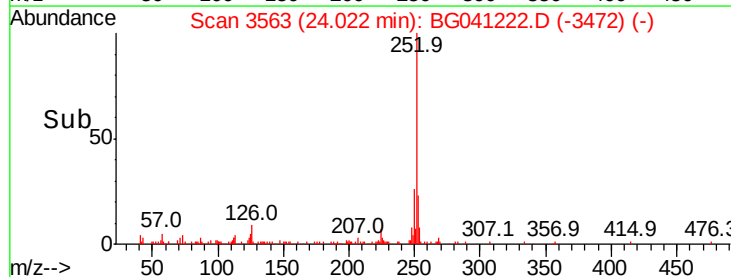
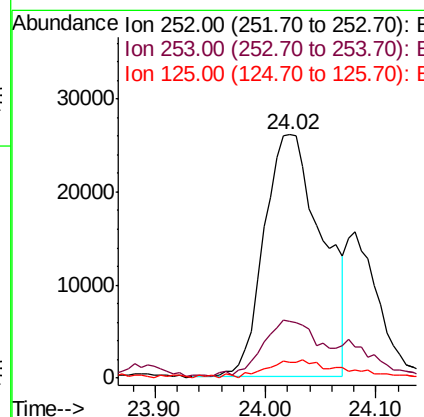
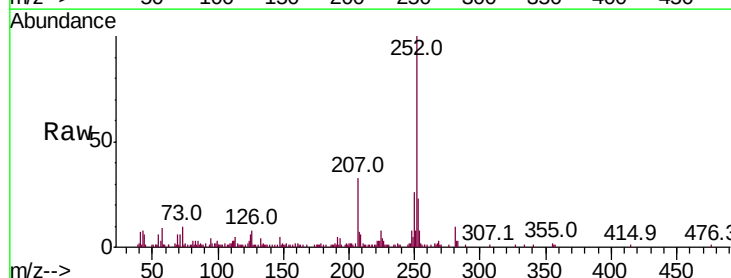
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.0	17.0	25.4

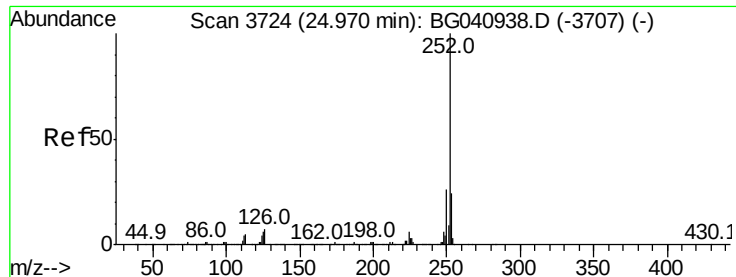


#88
Benzo(b)fluoranthene
Concen: 4.959 ng
RT: 24.02 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG041222.D
Acq: 13 Jun 2019 1:12

Tgt Ion:252 Resp: 95113

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.3	4.3	6.5





#90

Benzo(a)pyrene

Concen: 3.684 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG041222.D

Acq: 13 Jun 2019 1:12

Instrument :

BNA_G

ClientSampleId :

BAT-B02

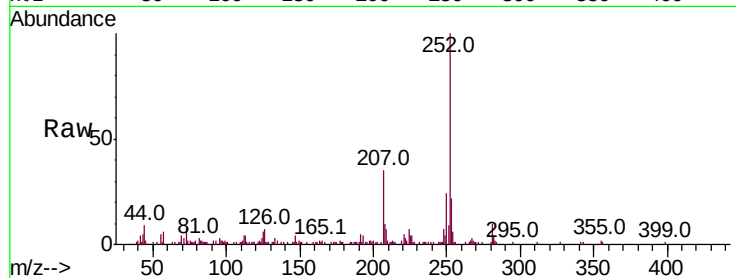
Tot Ion: 252 Resp: 67414

Ion Ratio Lower Upper

252 100

253 22.3 19.5 29.3

125 5.5 5.1 7.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

