

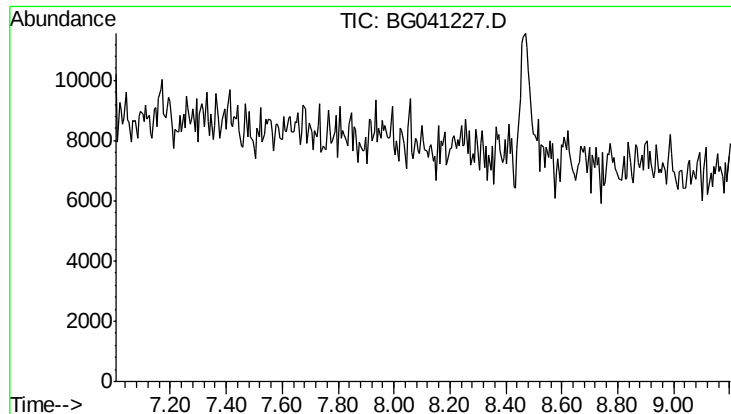
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041227.D
 Acq On : 13 Jun 2019 12:07
 Operator : HP/JU
 Sample : K3309-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 17:18:05 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	0.00	152	0	0.00	ng	-8.11
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.93
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.74
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.48
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.76
87) Perylene-d12	25.18	264	71	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	20.08	244	131	0.00	ng	0.01
Target Compounds						
88) Benzo(b)fluoranthene	24.07	252	67	15.558	ng	# 59
89) Benzo(k)fluoranthene	24.20	252	65	15.253	ng	# 60
90) Benzo(a)pyrene	25.02	252	83	20.202	ng	# 57
91) Dibenzo(a,h)anthracene	28.82	278	53	12.910	ng	# 58
92) Benzo(g,h,i)perylene	30.14	276	54	13.539	ng	# 57

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 8.11 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

Instrument :

BNA_G

ClientSampleId :

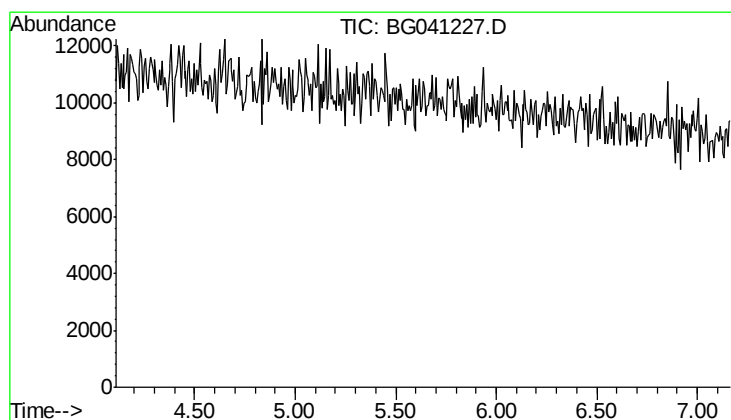
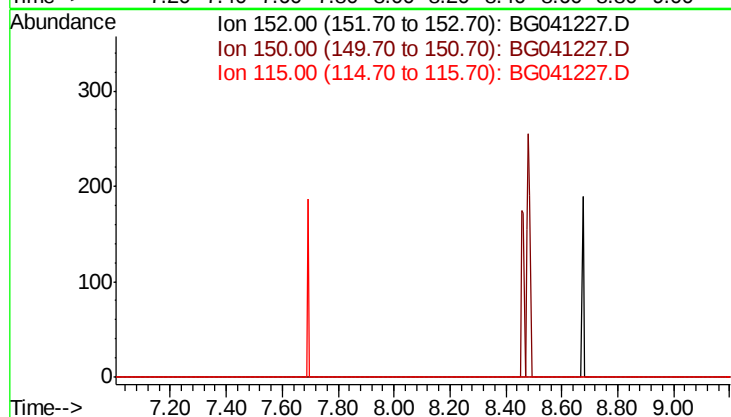
Tot Ion: 152

Sig Exp Ratio

152 100

150 150.7

115 56.4



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.64 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

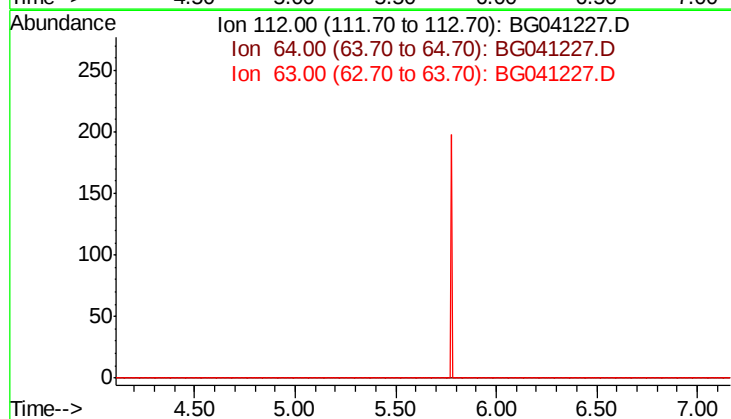
Tgt Ion: 112

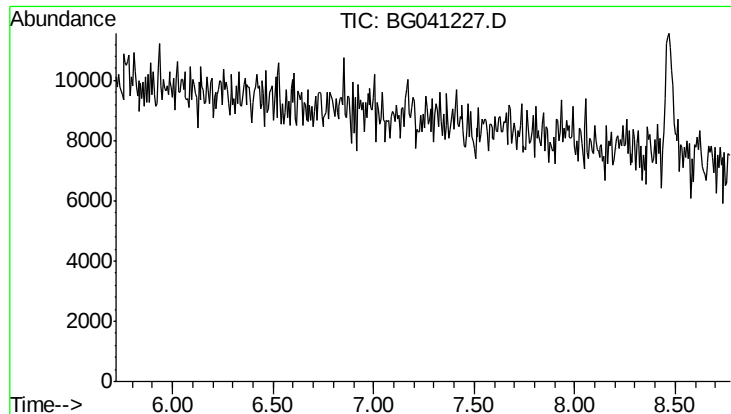
Sig Exp Ratio

112 100

64 70.2

63 41.0





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.25 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

Instrument :

BNA_G

ClientSampleId :

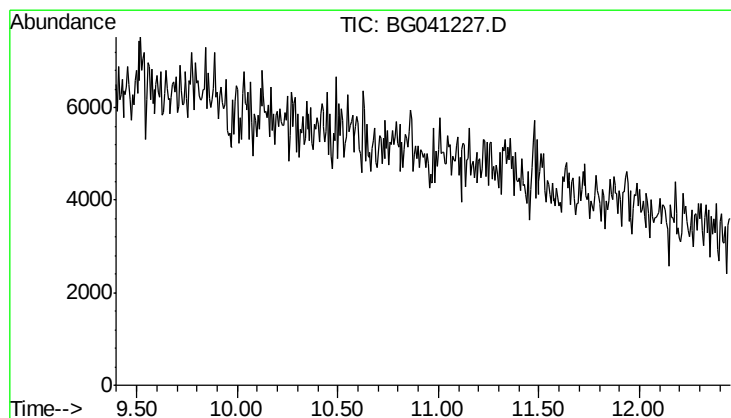
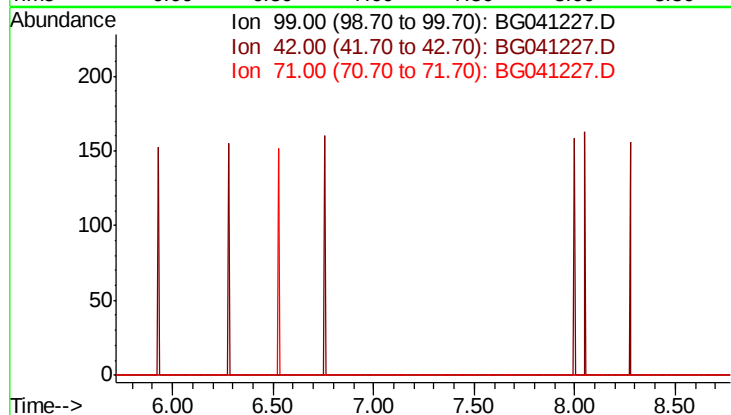
Tot Ion: 99

Sig Exp Ratio

99 100

42 22.4

71 44.2



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.93 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

Tgt Ion: 136

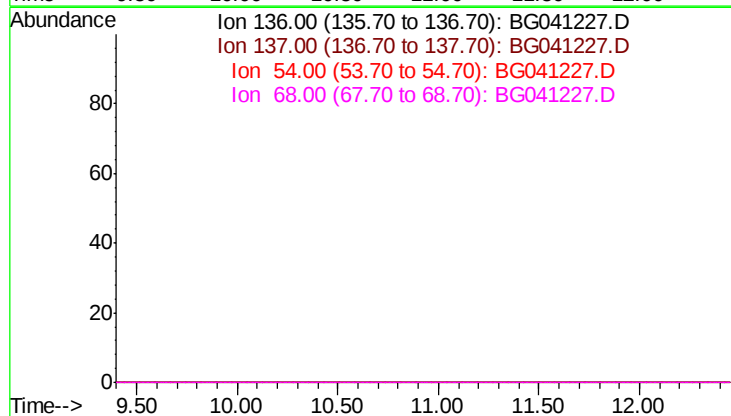
Sig Exp Ratio

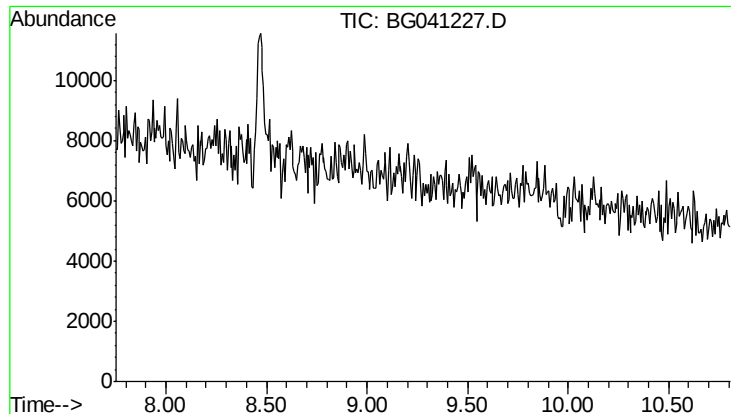
136 100

137 11.9

54 9.5

68 4.9

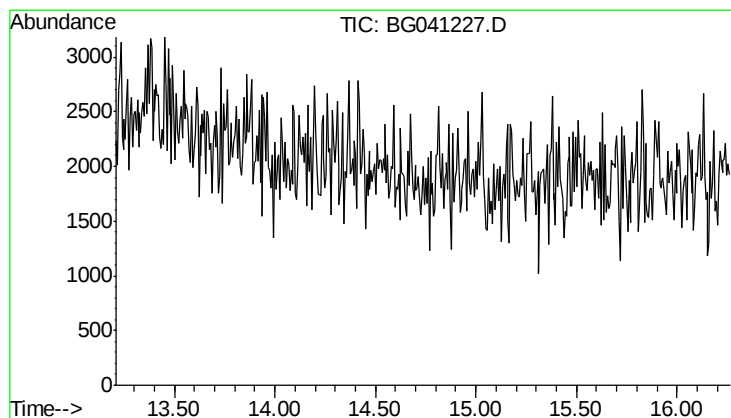
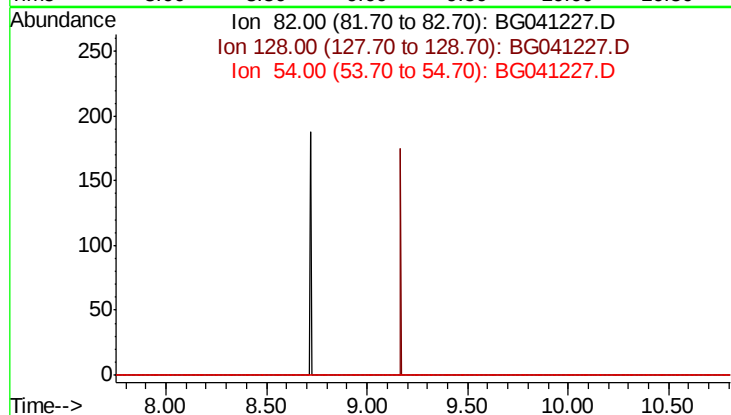




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.28 min
 Lab File: BG041227.D
 Acq: 13 Jun 2019 12:07

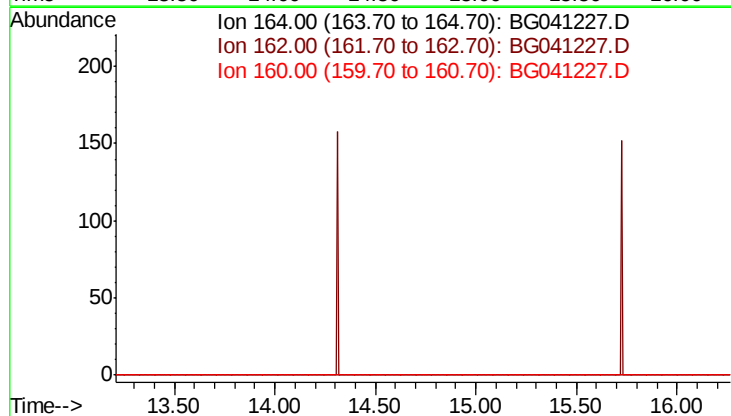
Instrument :
 BNA_G
 ClientSampleId :

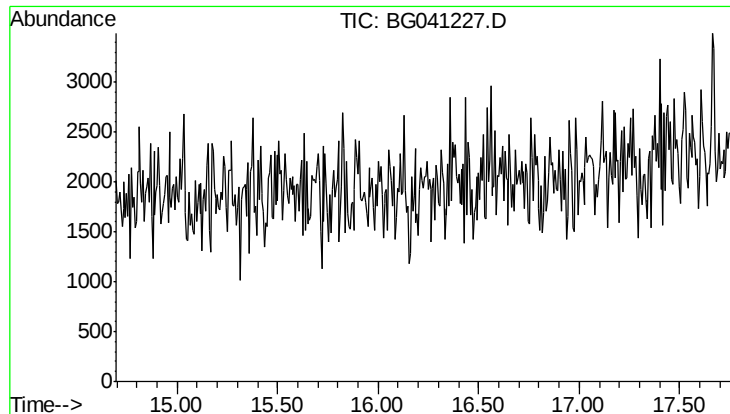
Tot Ion	82
Sig	Exp Ratio
82	100
128	38.1
54	55.7



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.74 min
 Lab File: BG041227.D
 Acq: 13 Jun 2019 12:07

Tgt Ion	164
Sig	Exp Ratio
164	100
162	103.7
160	44.5





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.22 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

Instrument :

BNA_G

ClientSampleId :

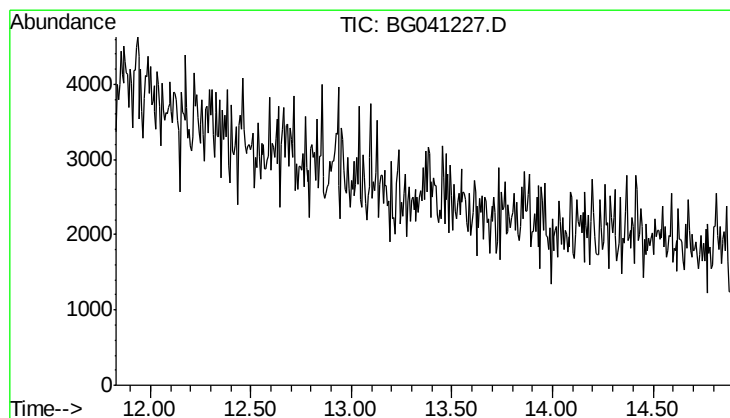
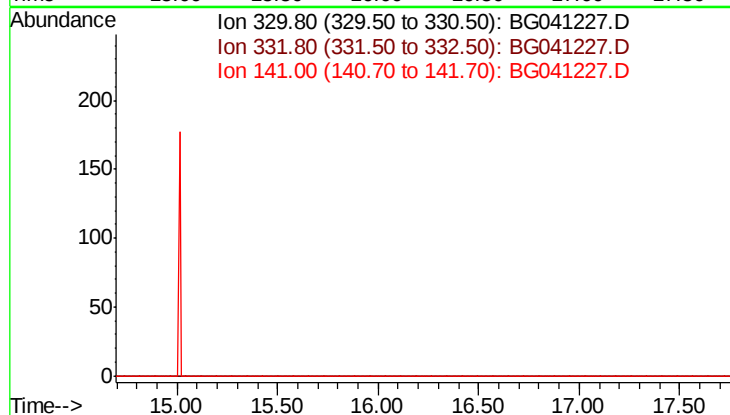
Tot Ion: 330

Sig Exp Ratio

330 100

332 98.1

141 35.9



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 13.36 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

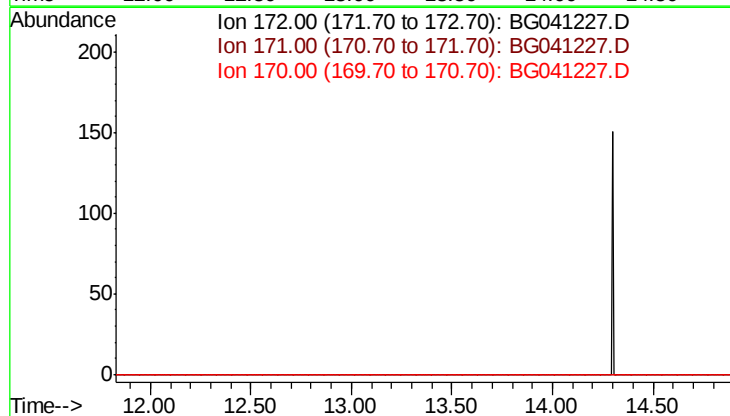
Tgt Ion: 172

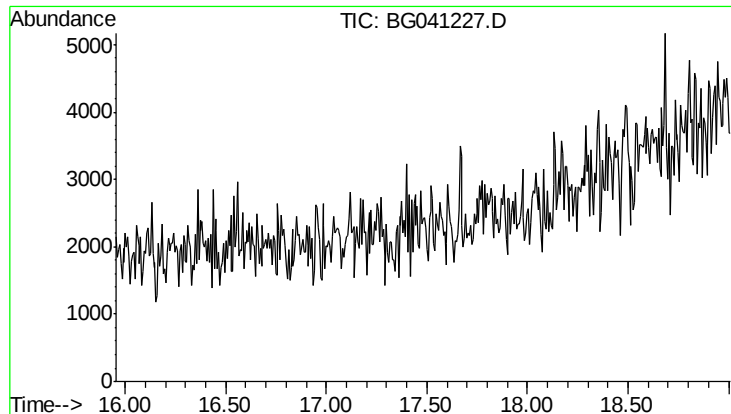
Sig Exp Ratio

172 100

171 38.9

170 25.6





#64

Phenanthrene-d10

Concen: 0.000 ng

Expected RT: 17.48 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

Tot Ion: 188

Sig Exp Ratio

188 100

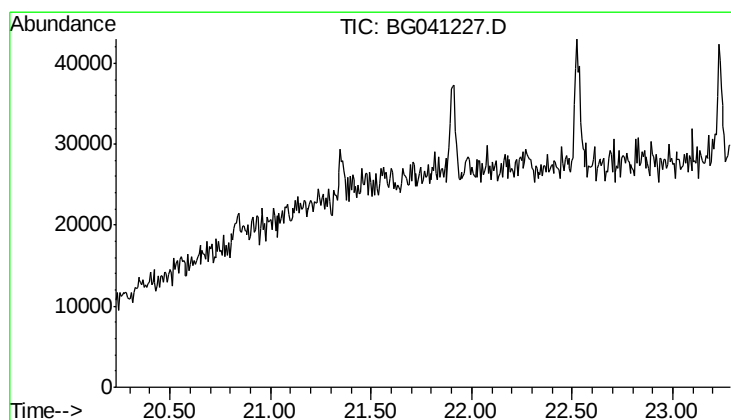
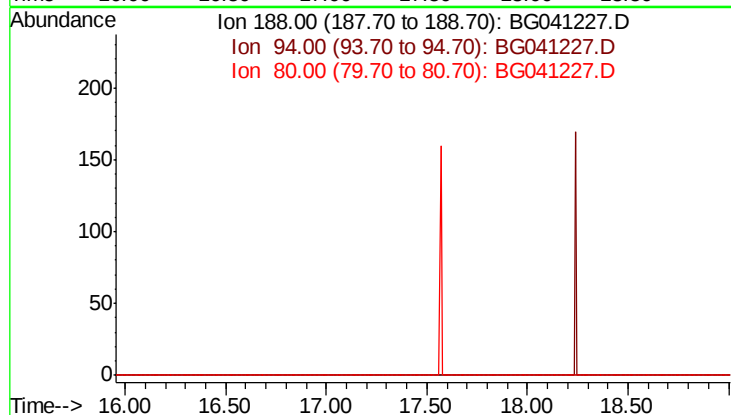
94 5.9

80 7.3

Instrument :

BNA_G

ClientSampleId :



#76

Chrysene-d12

Concen: 0.000 ng

Expected RT: 21.76 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

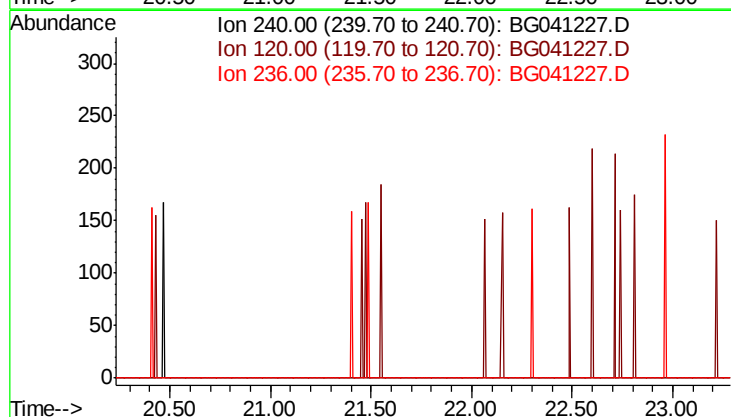
Tgt Ion: 240

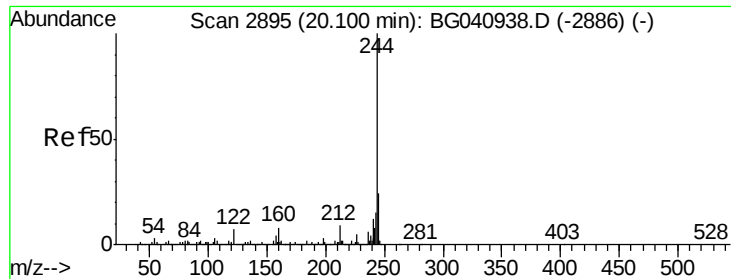
Sig Exp Ratio

240 100

120 5.6

236 26.6





#79

Terphenyl-d14

Concen: 0.000 ng

RT: 20.08 min Scan# 2893

Delta R.T. 0.01 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

Instrument :

BNA_G

ClientSampled :

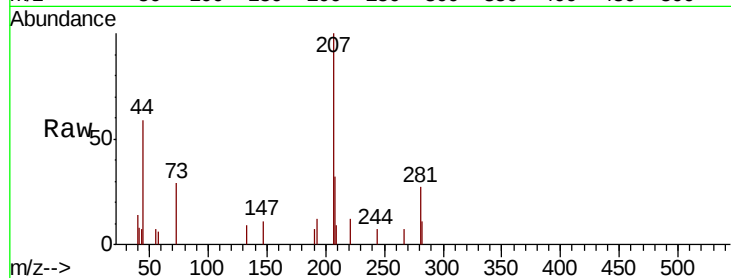
Tot Ion:244 Resp: 131

Ion Ratio Lower Upper

244 100

212 0.0 7.0 10.4#

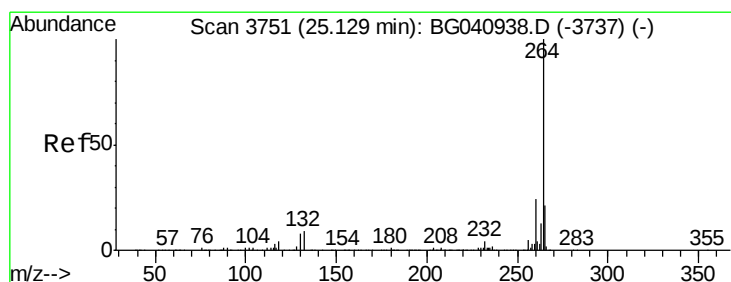
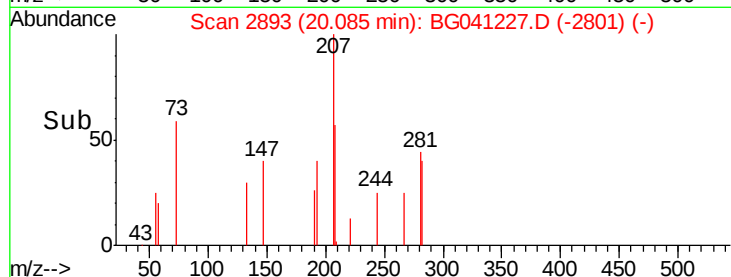
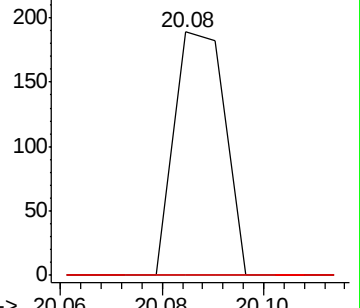
122 0.0 5.4 8.0#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. 0.10 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

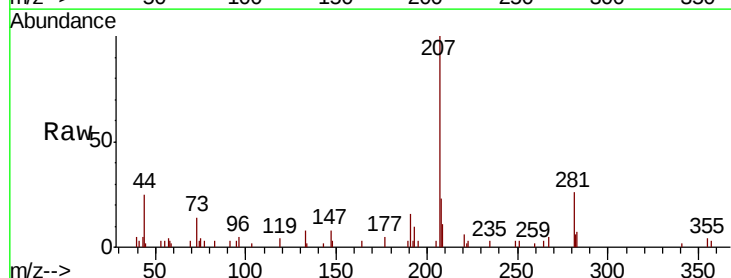
Tgt Ion:264 Resp: 71

Ion Ratio Lower Upper

264 100

260 0.0 19.0 28.4#

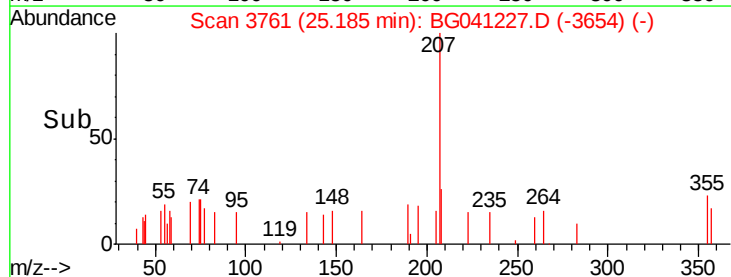
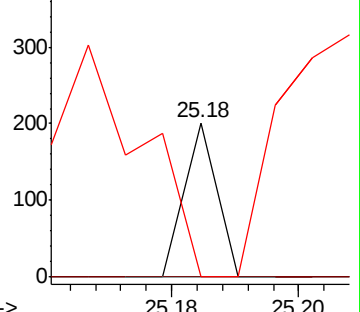
265 0.0 17.0 25.4#

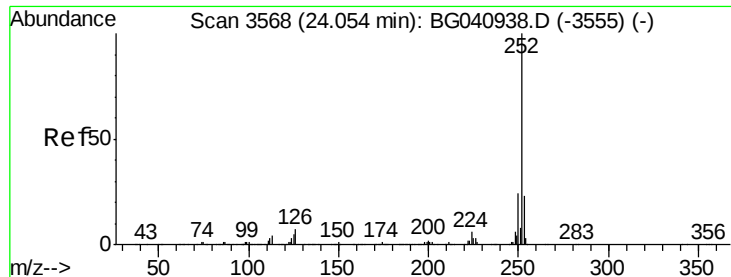


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 15.558 ng

RT: 24.07 min Scan# 3572

Delta R.T. 0.06 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

Instrument :

BNA_G

ClientSampled :

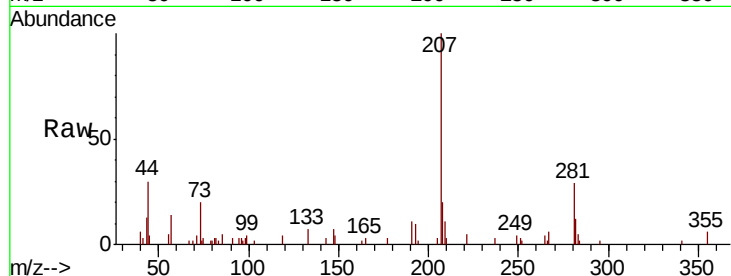
Tot Ion:252 Resp: 67

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

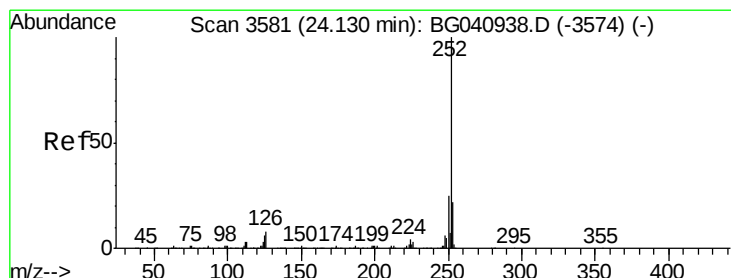
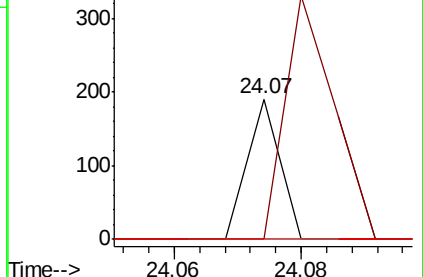
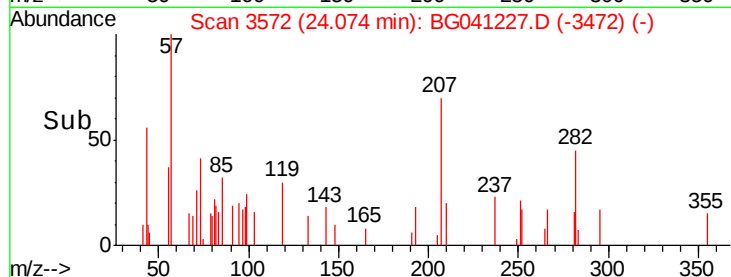
125 0.0 4.3 6.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 15.253 ng

RT: 24.20 min Scan# 3594

Delta R.T. 0.11 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

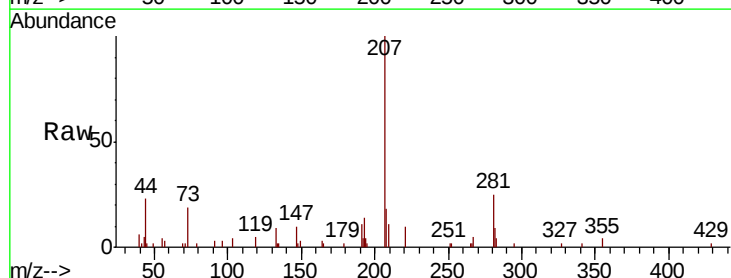
Tgt Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

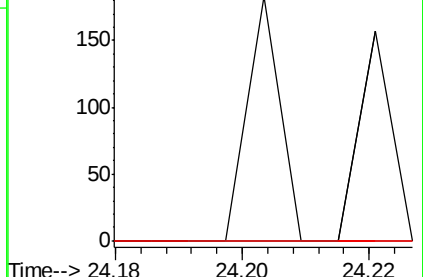
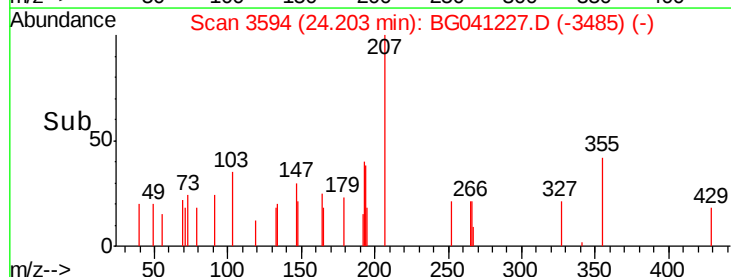
125 0.0 4.7 7.1#

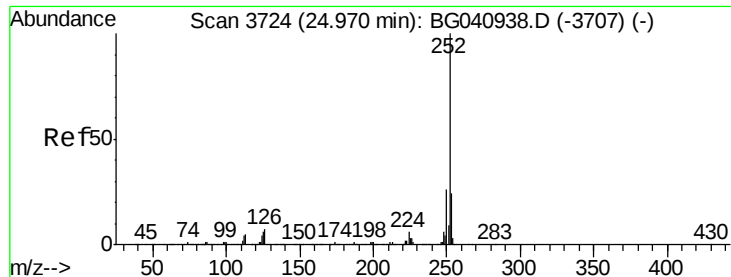


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.202 ng

RT: 25.02 min Scan# 3733

Delta R.T. 0.09 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

Instrument :

BNA_G

ClientSampleId :

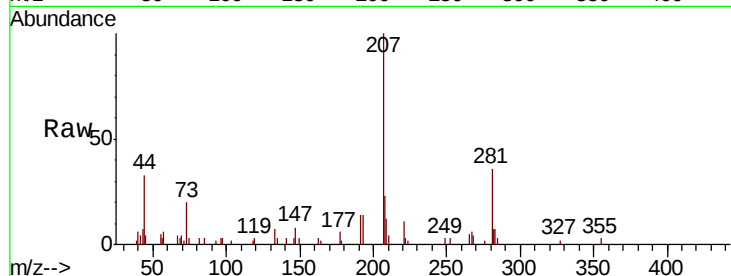
Tot Ion:252 Resp: 83

Ion Ratio Lower Upper

252 100

253 0.0 19.5 29.3#

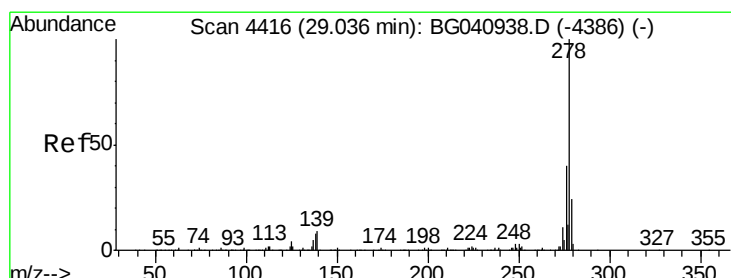
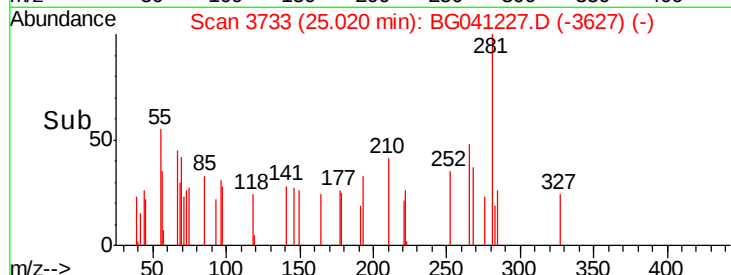
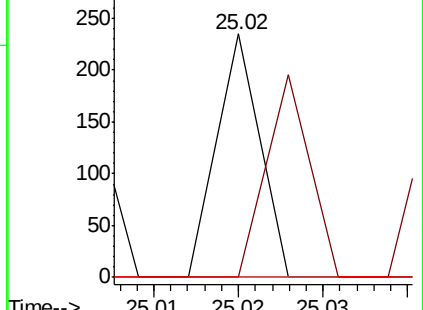
125 0.0 5.1 7.7#



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



#91

Dibenzo(a,h)anthracene

Concen: 12.910 ng

RT: 28.82 min Scan# 4379

Delta R.T. -0.15 min

Lab File: BG041227.D

Acq: 13 Jun 2019 12:07

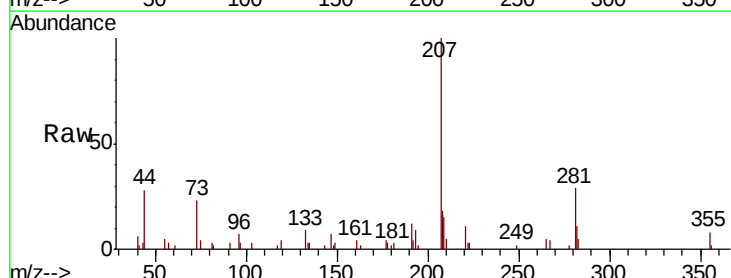
Tgt Ion:278 Resp: 53

Ion Ratio Lower Upper

278 100

139 0.0 7.1 10.7#

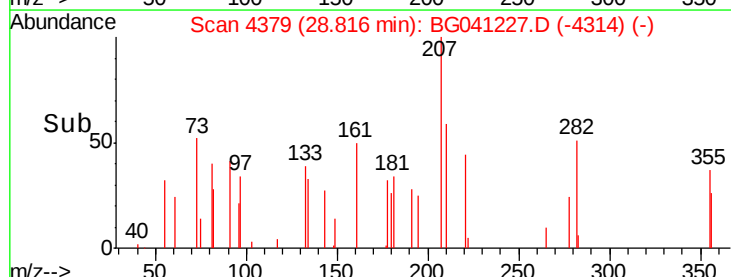
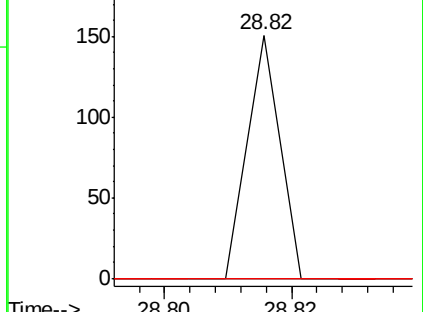
279 0.0 19.4 29.2#

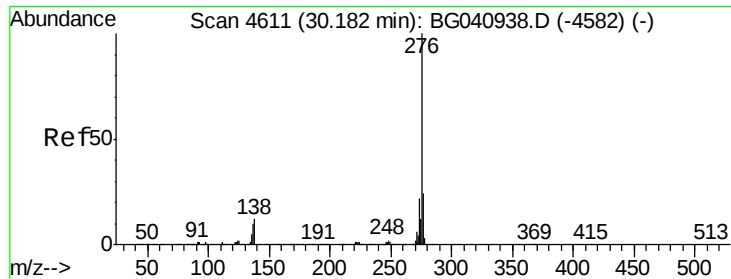


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 13.539 ng
 RT: 30.14 min Scan# 4605
 Delta R.T. 0.03 min
 Lab File: BG041227.D
 Acq: 13 Jun 2019 12:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.4	29.0
138	0.0	9.7	14.5

