

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041229.D
 Acq On : 13 Jun 2019 13:23
 Operator : HP/JU
 Sample : K3309-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 17:18:28 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

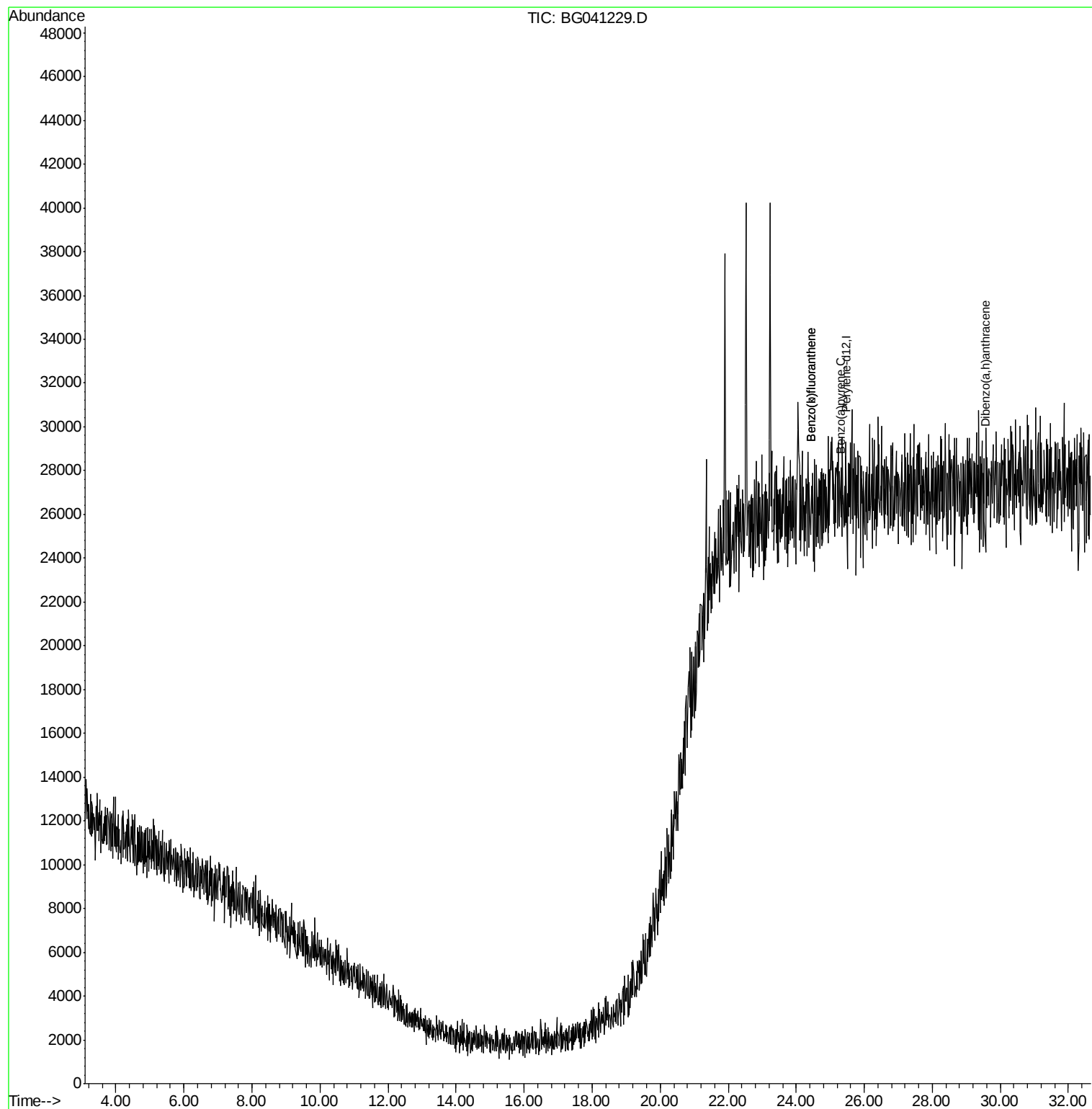
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.11
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.93
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.74
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.48
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.76
87) Perylene-d12	25.47	264	67	20.00	ng	0.39
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.82	99	64	0.00	ng	-0.43
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	0.00	244	0	0.00	ng	
Target Compounds						
88) Benzo(b)fluoranthene	24.43	252	83	20.424	ng	# 59
89) Benzo(k)fluoranthene	24.43	252	83	20.640	ng	# 60
90) Benzo(a)pyrene	25.30	252	81	20.892	ng	# 28
91) Dibenzo(a,h)anthracene	29.56	278	54	13.939	ng	# 58

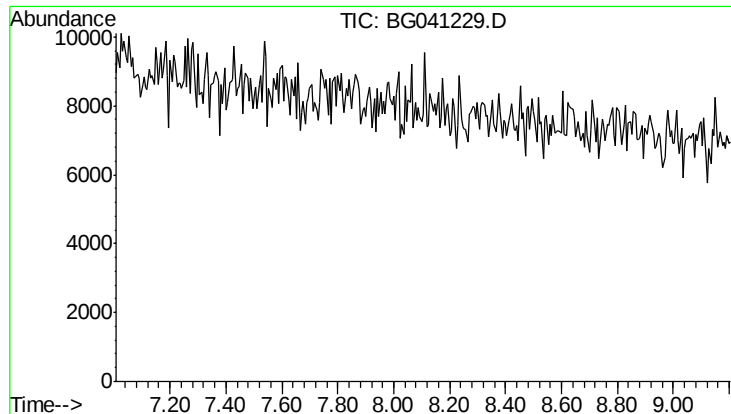
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 8.11 min

Lab File: BG041229.D

Acq: 13 Jun 2019 13:23

Instrument :

BNA_G

ClientSampleId :

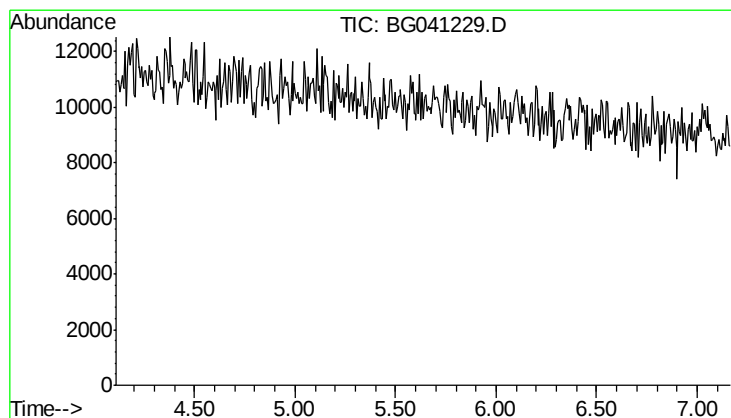
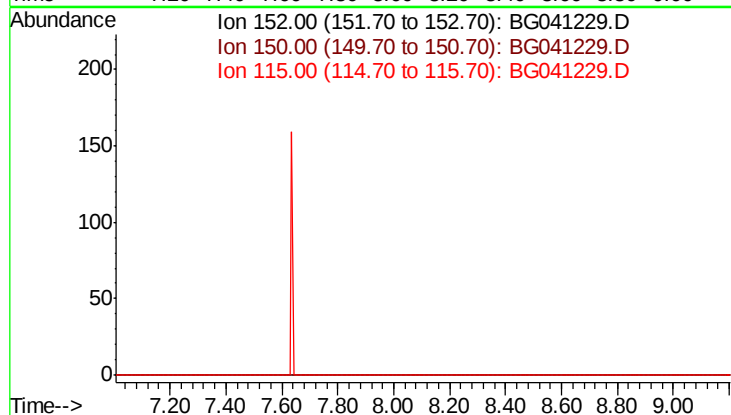
Tot Ion: 152

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: BG041229.D

Acq: 13 Jun 2019 13:23

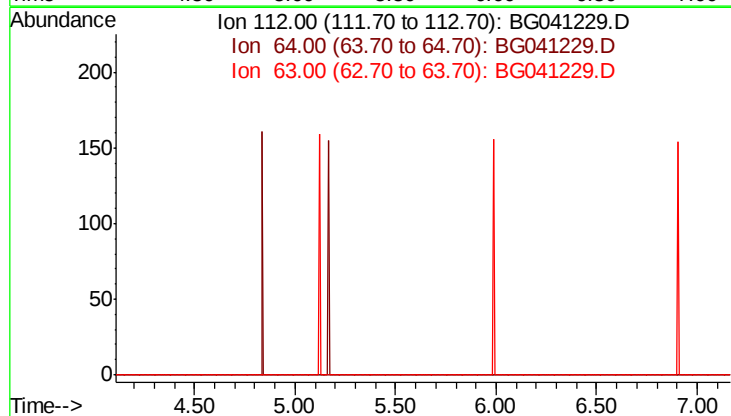
Tgt Ion: 112

Sig Exp Ratio

112 100

64 70.2

63 41.0





#7

Phenol-d6

Concen: 0.000 ng

RT: 6.82 min Scan# 635

Delta R.T. -0.43 min

Lab File: BG041229.D

Acq: 13 Jun 2019 13:23

Instrument :

BNA_G

ClientSampleId :

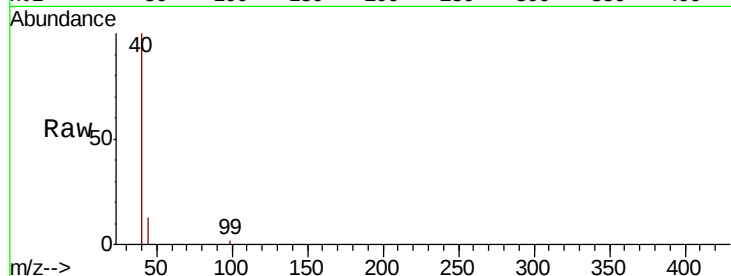
Tot Ion: 99 Resp: 64

Ion Ratio Lower Upper

99 100

42 0.0 17.9 26.9#

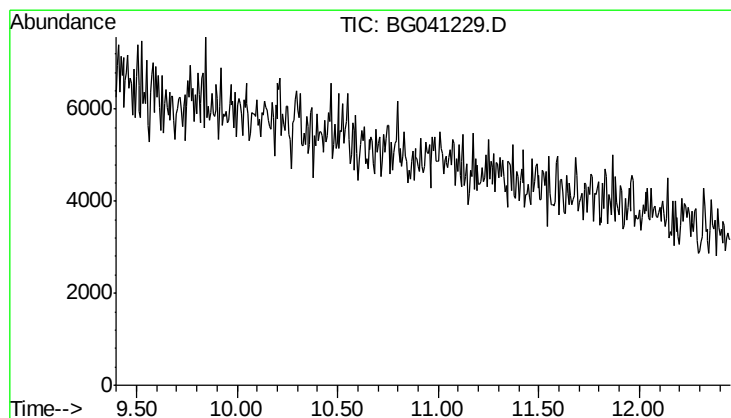
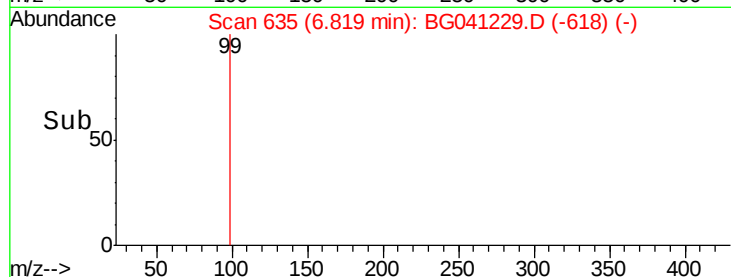
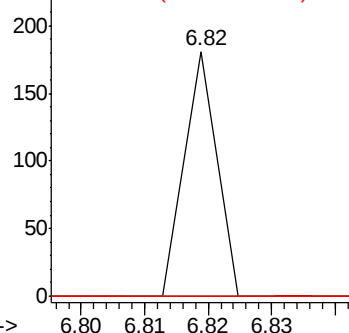
71 0.0 35.4 53.0#



Abundance Ion 99.00 (98.70 to 99.70): BG041229.D

Ion 42.00 (41.70 to 42.70): BG041229.D

Ion 71.00 (70.70 to 71.70): BG041229.D



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.93 min

Lab File: BG041229.D

Acq: 13 Jun 2019 13:23

Tgt Ion: 136

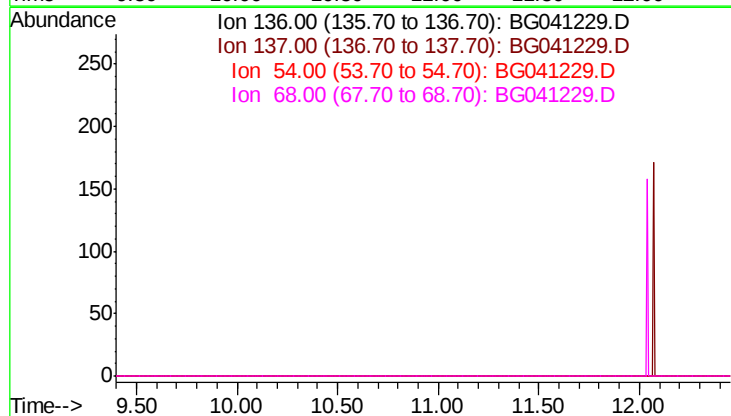
Sig Exp Ratio

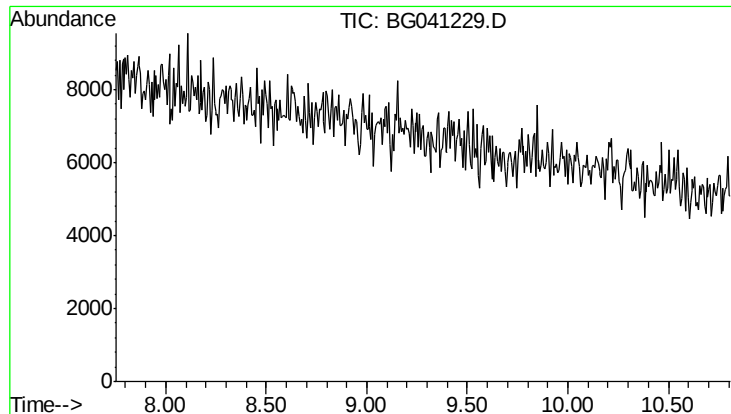
136 100

137 11.9

54 9.5

68 4.9

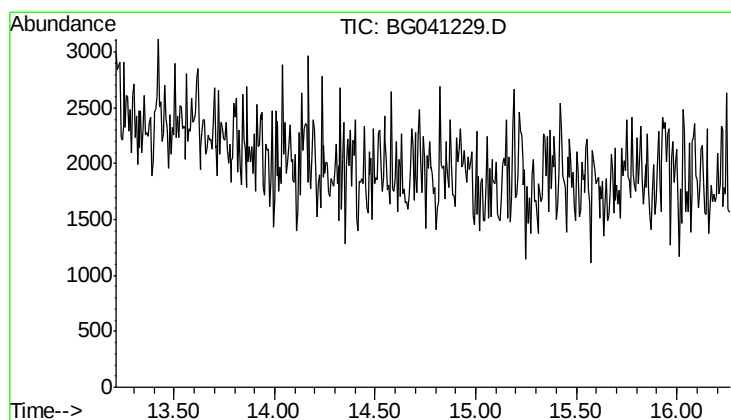
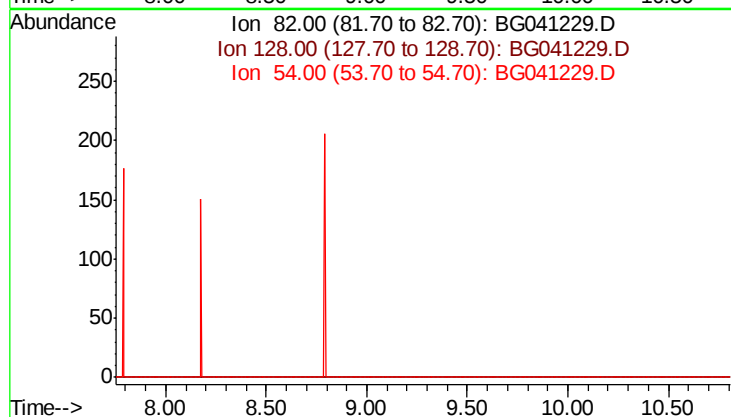




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.28 min
 Lab File: BG041229.D
 Acq: 13 Jun 2019 13:23

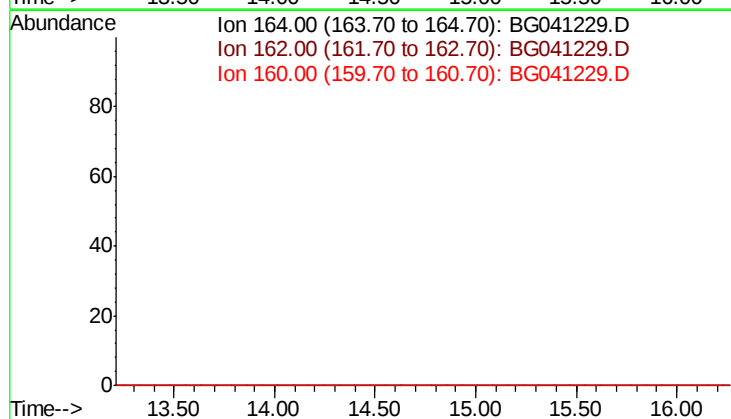
Instrument :
 BNA_G
 ClientSampleId :

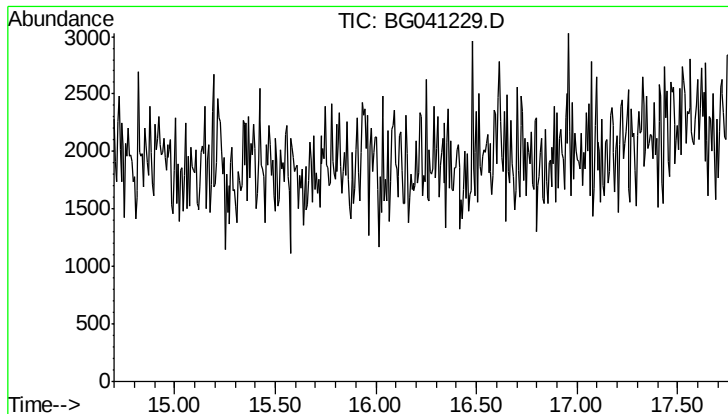
Tot Ion	82
Sig	Exp Ratio
82	100
128	38.1
54	55.7



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.74 min
 Lab File: BG041229.D
 Acq: 13 Jun 2019 13:23

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

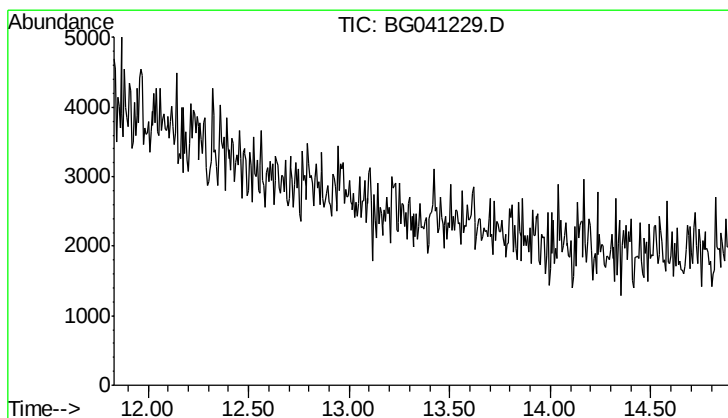
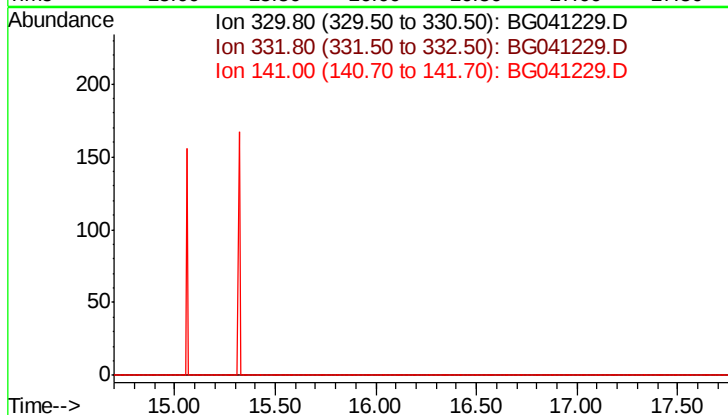




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.22 min
 Lab File: BG041229.D
 Acq: 13 Jun 2019 13:23

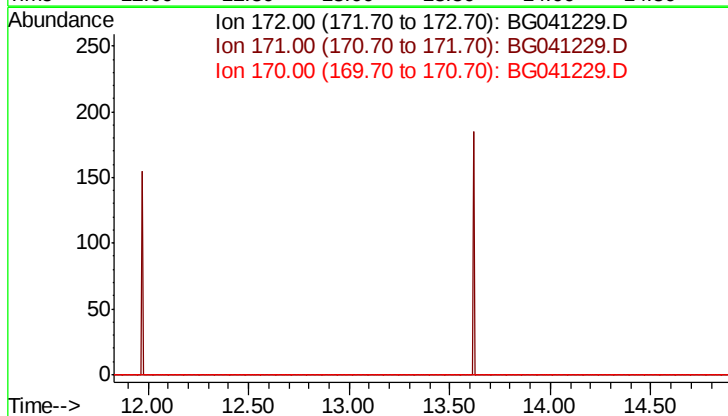
Instrument :
 BNA_G
 ClientSampleId :

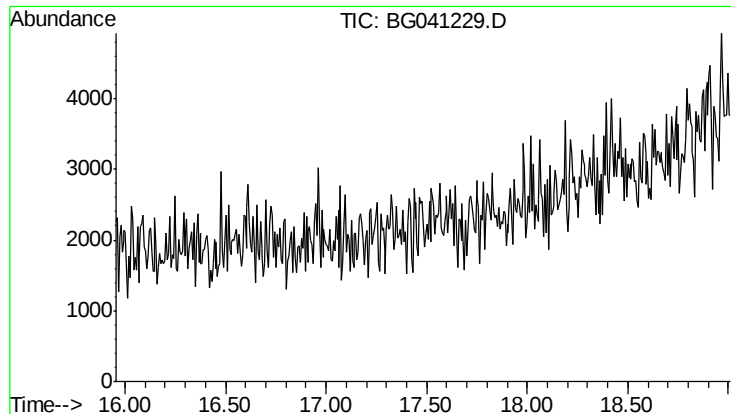
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 98.1
 141 35.9



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.36 min
 Lab File: BG041229.D
 Acq: 13 Jun 2019 13:23

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 38.9
 170 25.6

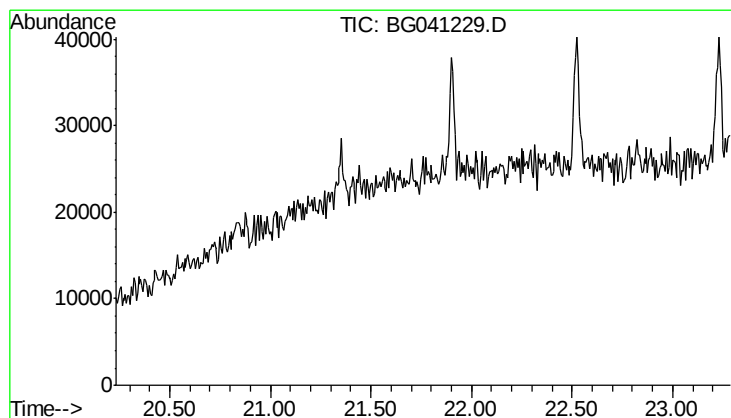
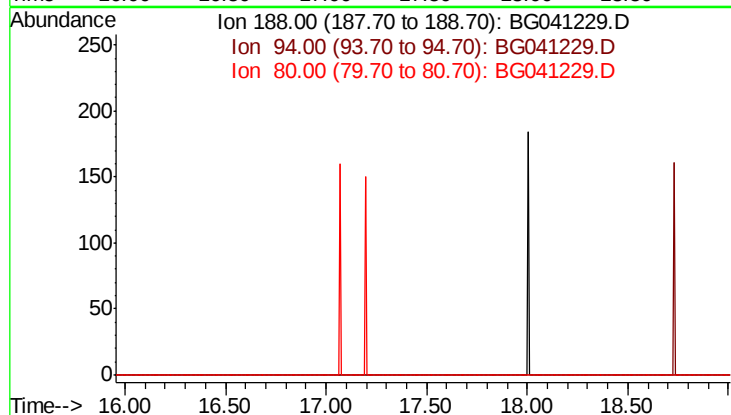




#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.48 min
 Lab File: BG041229.D
 Acq: 13 Jun 2019 13:23

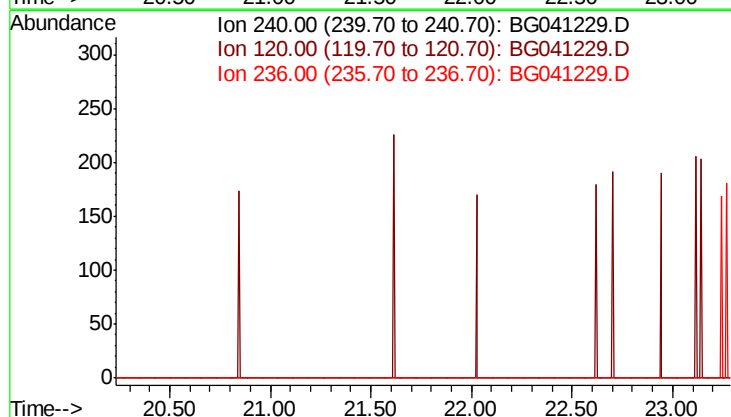
Instrument :
 BNA_G
 ClientSampleId :

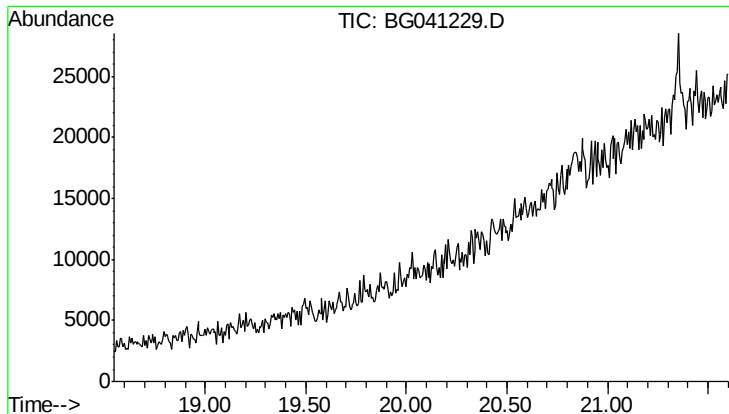
Tot Ion	188
Sig	Exp Ratio
188	100
94	5.9
80	7.3



#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.76 min
 Lab File: BG041229.D
 Acq: 13 Jun 2019 13:23

Tgt Ion	240
Sig	Exp Ratio
240	100
120	5.6
236	26.6





#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 20.07 min

Lab File: BG041229.D

Acq: 13 Jun 2019 13:23

Instrument :

BNA_G

ClientSampleId :

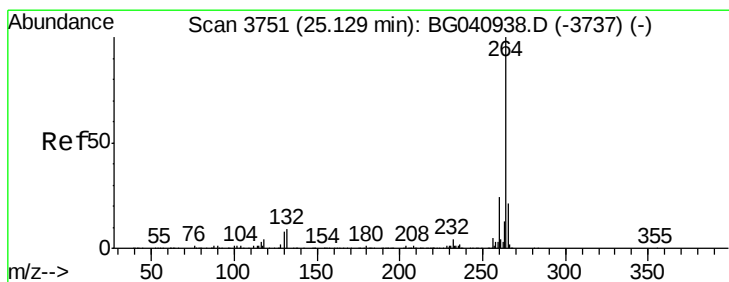
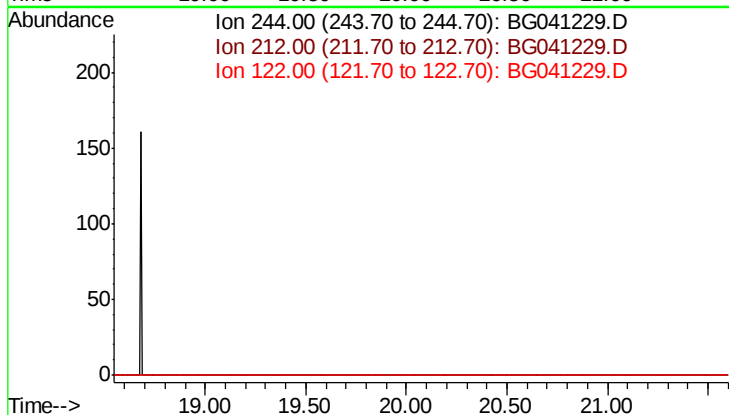
Tot Ion: 244

Sig Exp Ratio

244 100

212 8.7

122 6.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.47 min Scan# 3810

Delta R.T. 0.39 min

Lab File: BG041229.D

Acq: 13 Jun 2019 13:23

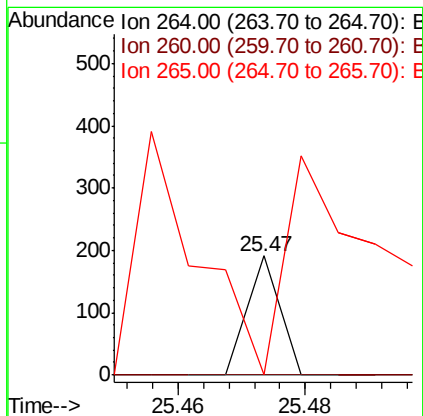
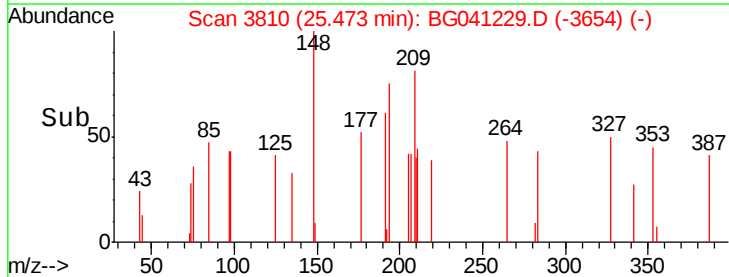
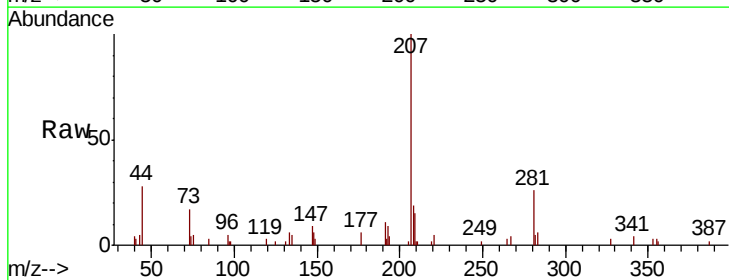
Tgt Ion:264 Resp: 67

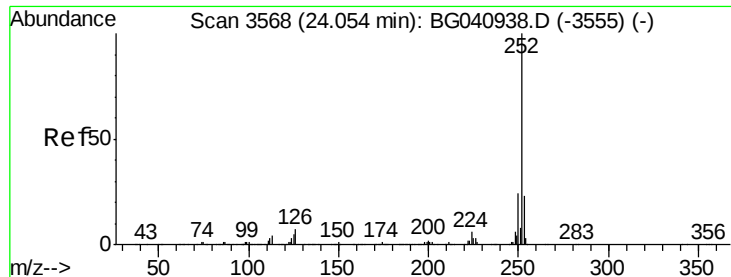
Ion Ratio Lower Upper

264 100

260 0.0 19.0 28.4#

265 0.0 17.0 25.4#





#88

Benzo(b)fluoranthene

Concen: 20.424 ng

RT: 24.43 min Scan# 3633

Delta R.T. 0.42 min

Lab File: BG041229.D

Acq: 13 Jun 2019 13:23

Instrument :

BNA_G

ClientSampleId :

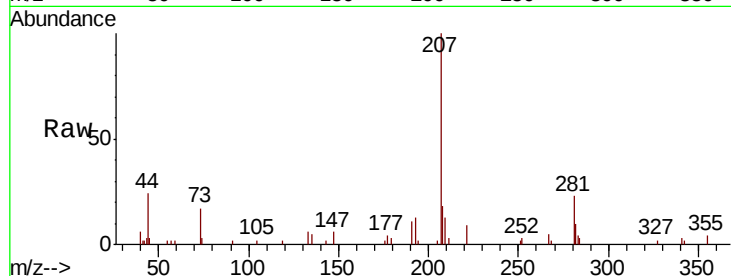
Tot Ion:252 Resp: 83

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

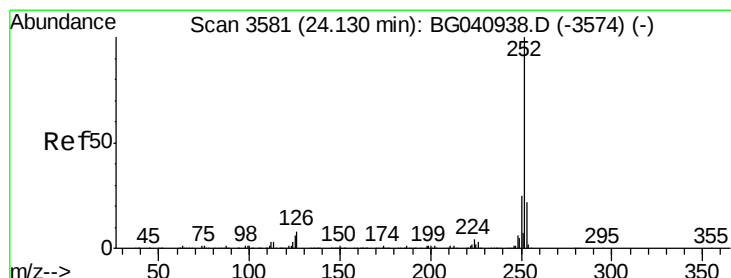
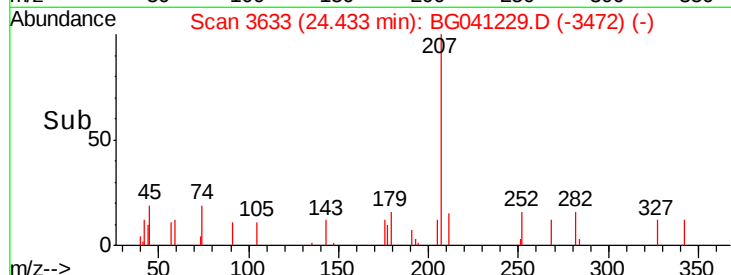
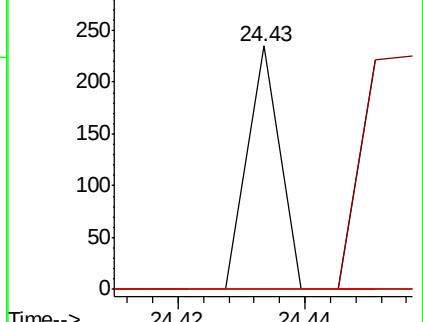
125 0.0 4.3 6.5#



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: 20.640 ng

RT: 24.43 min Scan# 3633

Delta R.T. 0.34 min

Lab File: BG041229.D

Acq: 13 Jun 2019 13:23

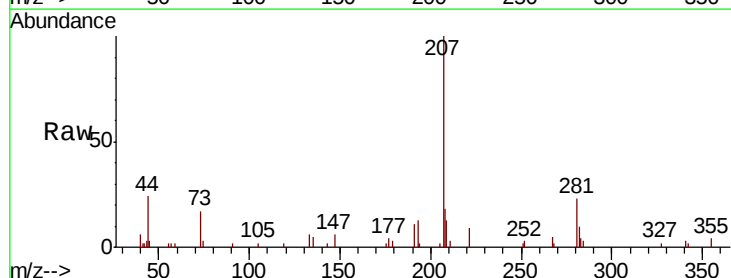
Tgt Ion:252 Resp: 83

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

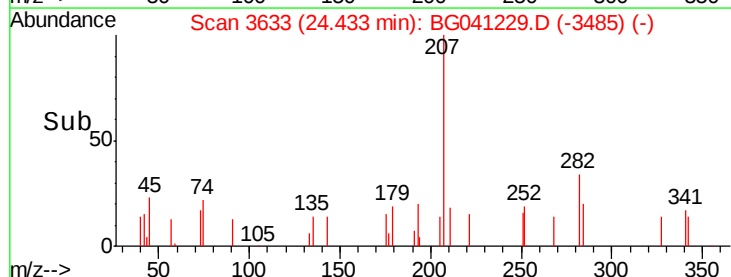
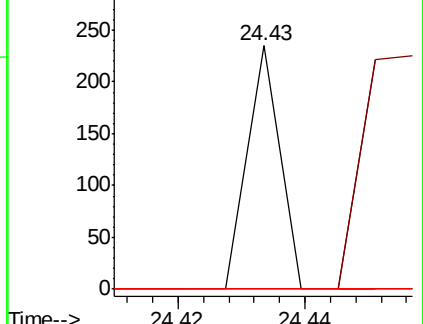
125 0.0 4.7 7.1#

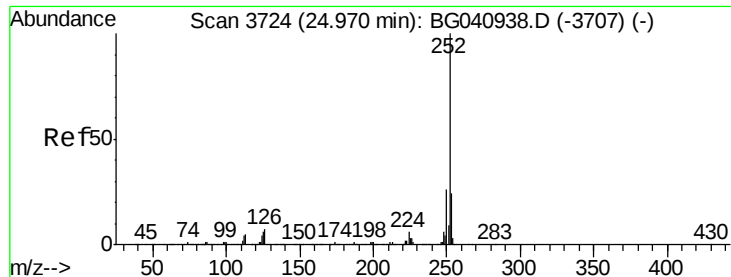


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.892 ng

RT: 25.30 min Scan# 3781

Delta R.T. 0.38 min

Lab File: BG041229.D

Acq: 13 Jun 2019 13:23

Instrument :

BNA_G

ClientSampleId :

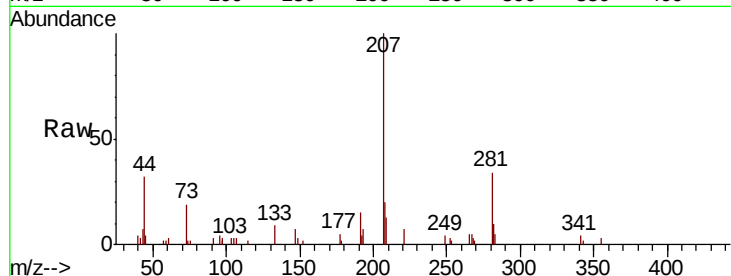
Tot Ion:252 Resp: 81

Ion Ratio Lower Upper

252 100

253 67.1 19.5 29.3#

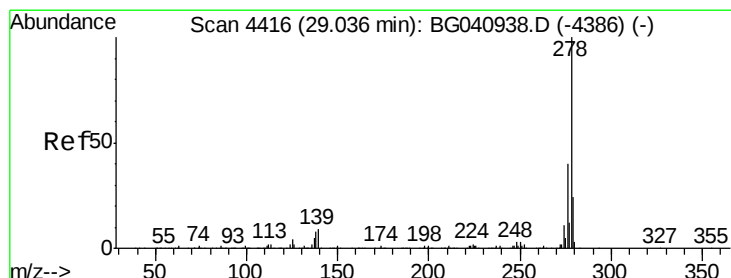
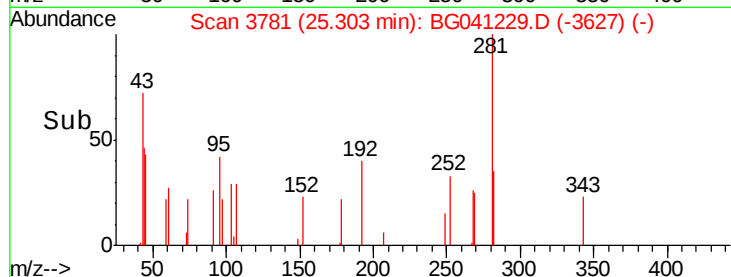
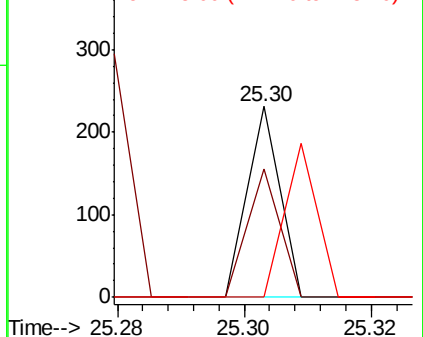
125 0.0 5.1 7.7#



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: 13.939 ng

RT: 29.56 min Scan# 4505

Delta R.T. 0.59 min

Lab File: BG041229.D

Acq: 13 Jun 2019 13:23

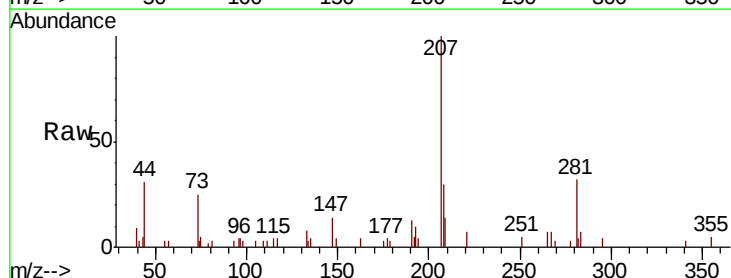
Tgt Ion:278 Resp: 54

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

