

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
 Data File : BG041167.D
 Acq On : 10 Jun 2019 17:38
 Operator : HP/JU
 Sample : K3214-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5A

Quant Time: Jun 11 04:59:53 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	46123	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	190188	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	140073	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	336420	20.00	ng	0.00
76) Chrysene-d12	21.76	240	327240	20.00	ng	0.00
87) Perylene-d12	25.09	264	319367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	9.28	82	387736	90.51	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.36	172	925206	95.12	ng	0.00
79) Terphenyl-d14	20.08	244	1518228	98.47	ng	0.00

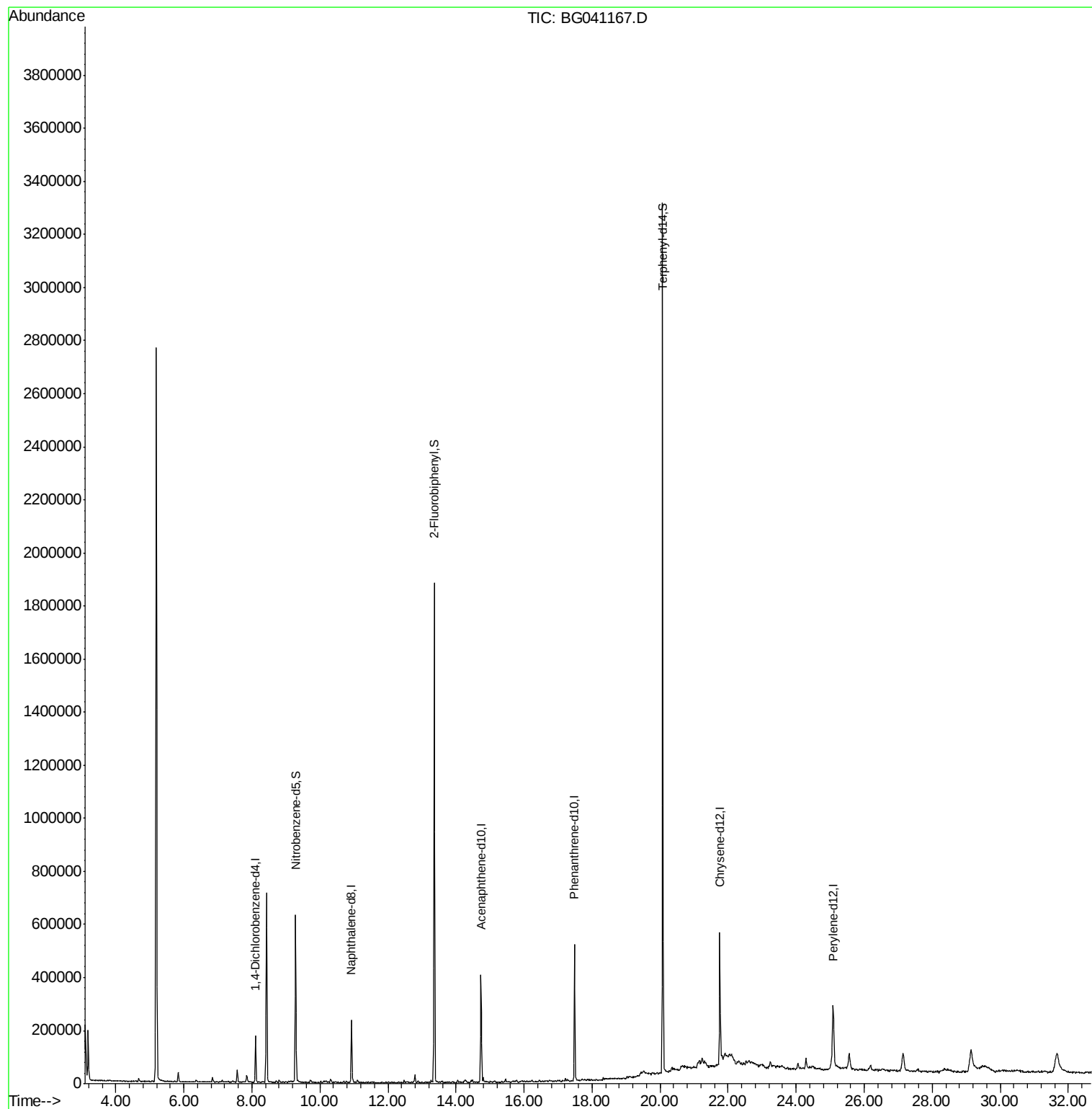
Target Compounds Qvalue

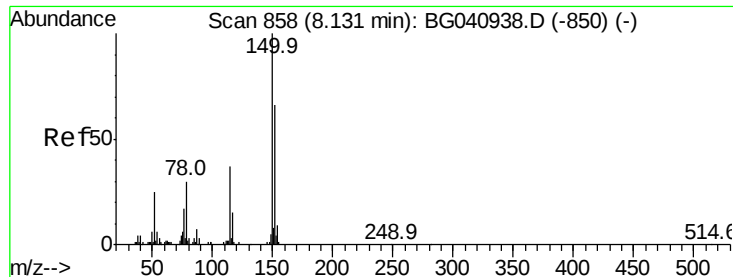
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG041167.D

Acq: 10 Jun 2019 17:38

Instrument :

BNA_G

ClientSampleId :

MW-5A

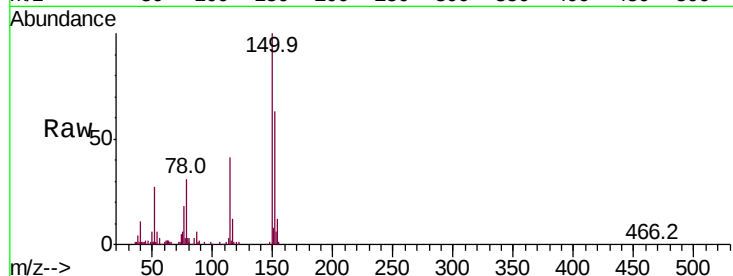
Tot Ion:152 Resp: 46123

Ion Ratio Lower Upper

152 100

150 158.6 120.6 180.8

115 65.0 45.1 67.7

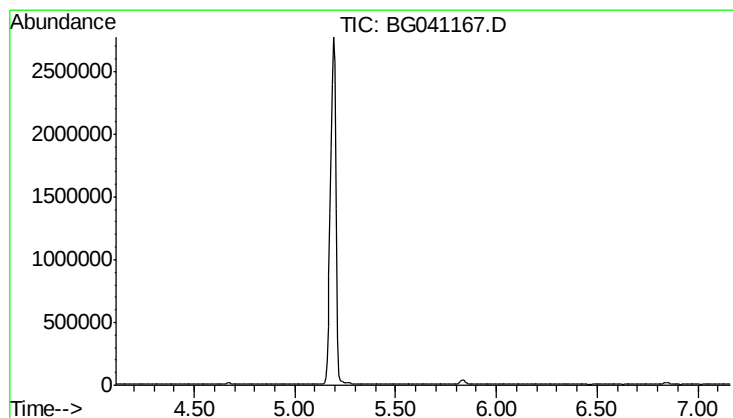
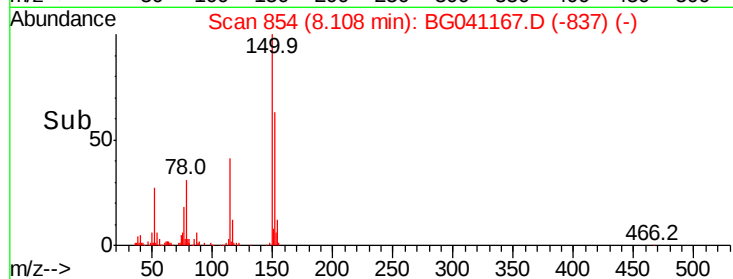
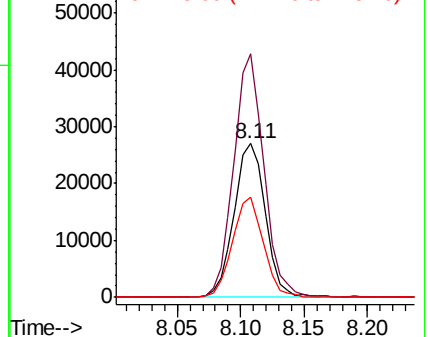


Abundance

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: 0.000 ng

Expected RT: 5.64 min

Lab File: BG041167.D

Acq: 10 Jun 2019 17:38

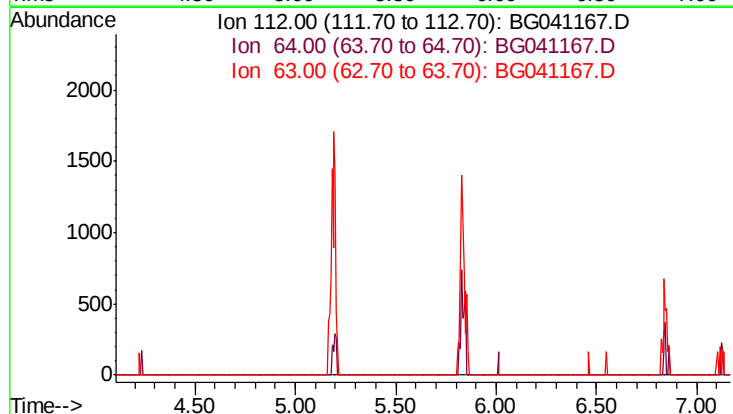
Tgt Ion: 112

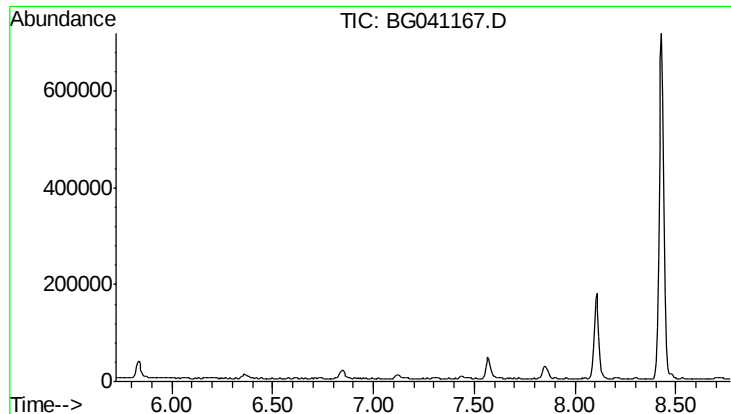
Sig Exp Ratio

112 100

64 70.2

63 41.0





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.25 min

Lab File: BG041167.D

Acq: 10 Jun 2019 17:38

Instrument :

BNA_G

ClientSampleId :

MW-5A

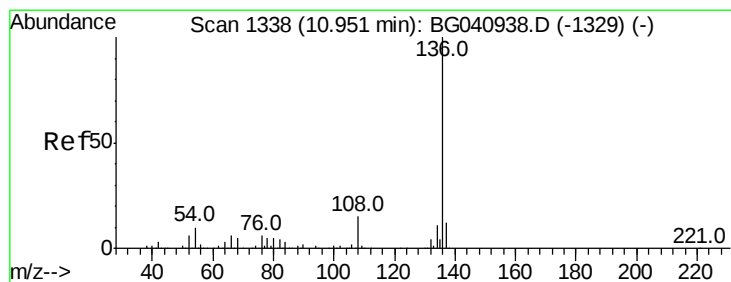
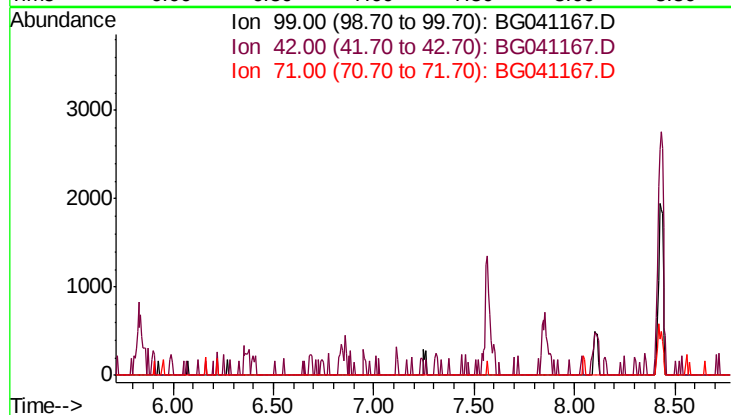
Tot Ion: 99

Sig Exp Ratio

99 100

42 22.4

71 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041167.D

Acq: 10 Jun 2019 17:38

Tgt Ion:136 Resp: 190188

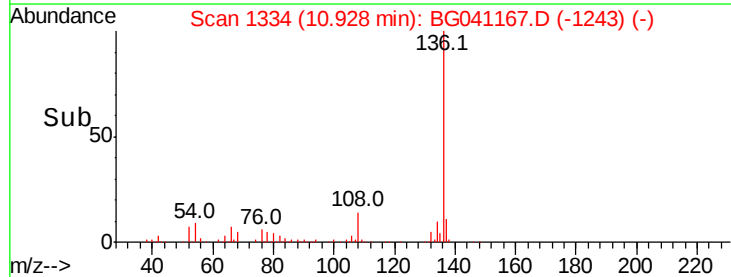
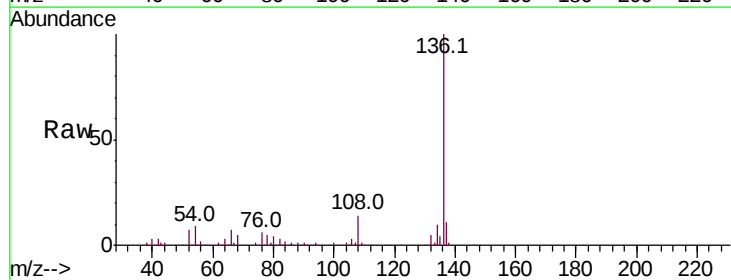
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 9.3 7.6 11.4

68 5.4 3.9 5.9

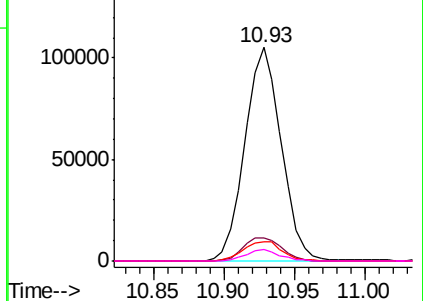


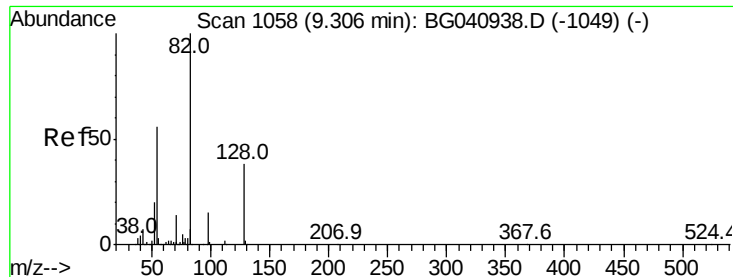
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.505 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BG041167.D

Acq: 10 Jun 2019 17:38

Instrument :

BNA_G

ClientSampled :

MW-5A

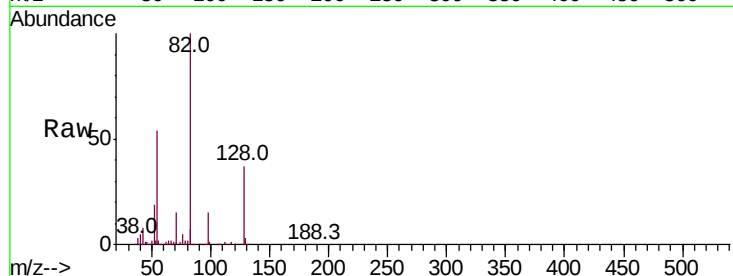
Tot Ion: 82 Resp: 387736

Ion Ratio Lower Upper

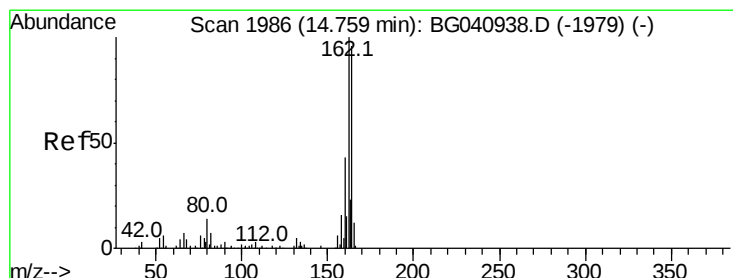
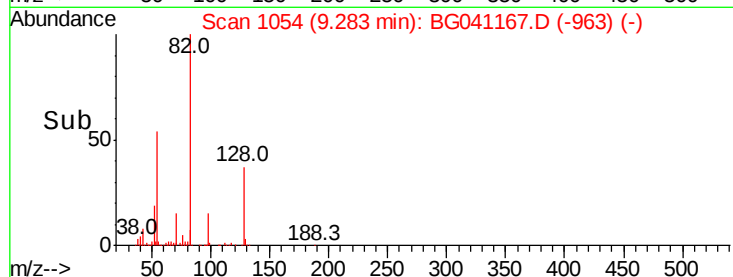
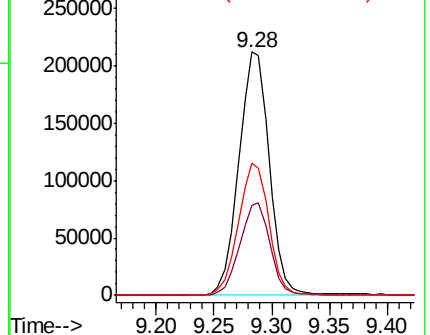
82 100

128 36.8 30.5 45.7

54 54.3 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: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041167.D

Acq: 10 Jun 2019 17:38

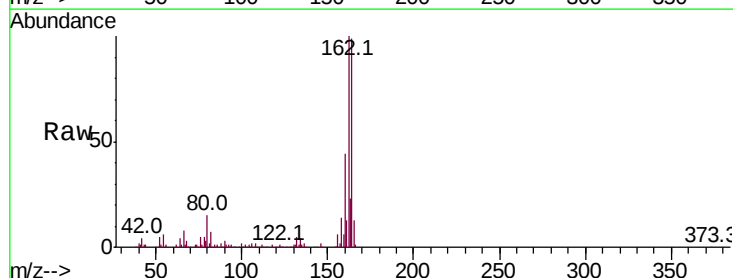
Tgt Ion:164 Resp: 140073

Ion Ratio Lower Upper

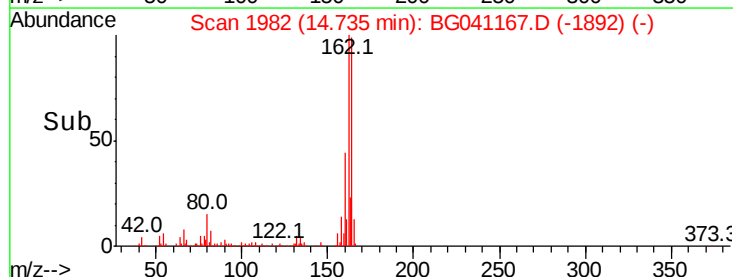
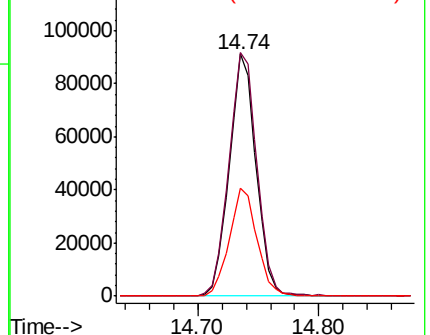
164 100

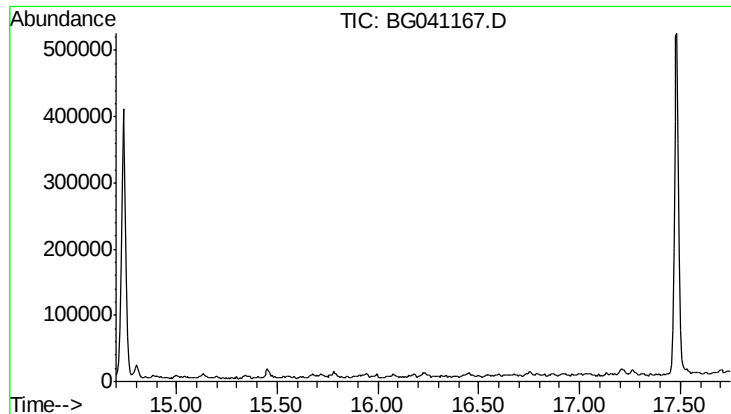
162 100.6 83.0 124.4

160 44.8 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

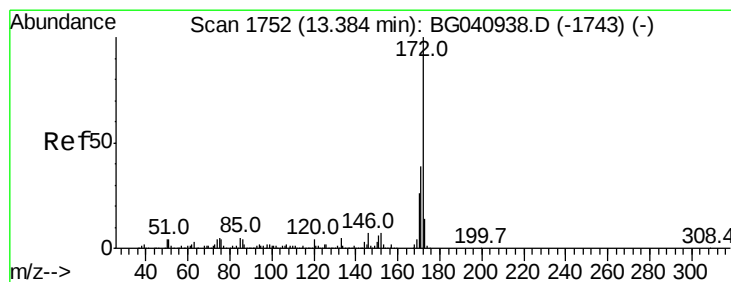
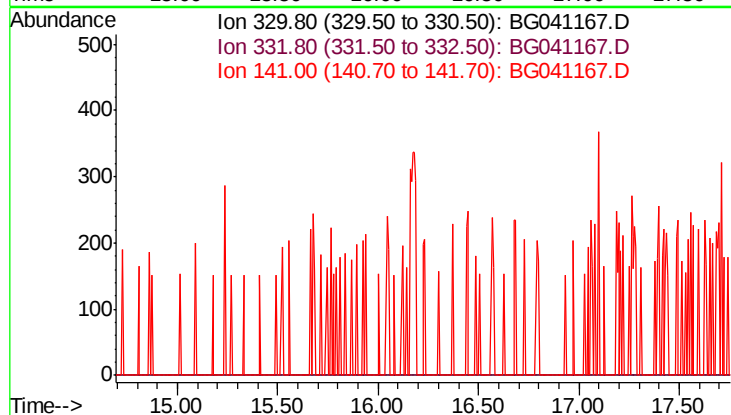




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.22 min
 Lab File: BG041167.D
 Acq: 10 Jun 2019 17:38

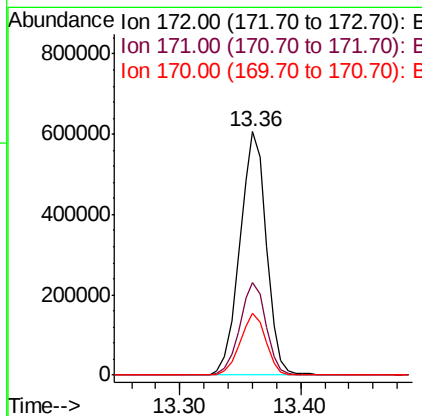
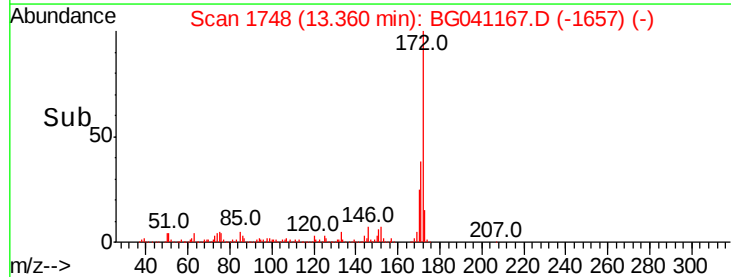
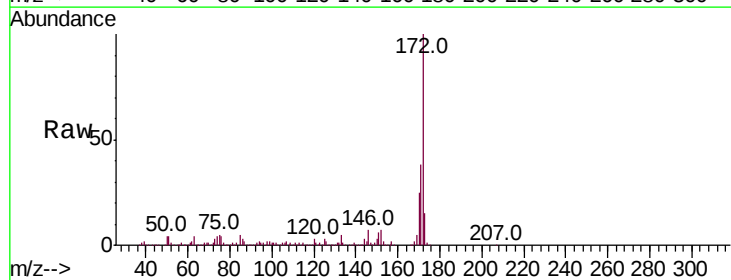
Instrument :
 BNA_G
 ClientSampleId :
 MW-5A

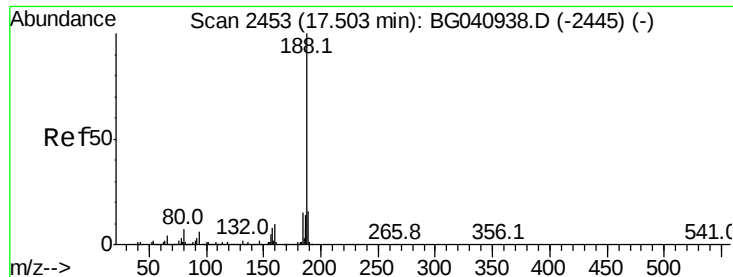
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 98.1
 141 35.9



#45
 2-Fluorobiphenyl
 Concen: 95.122 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041167.D
 Acq: 10 Jun 2019 17:38

Tgt Ion: 172 Resp: 925206
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.1 46.7
 170 25.4 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041167.D

Acq: 10 Jun 2019 17:38

Instrument :

BNA_G

ClientSampleId :

MW-5A

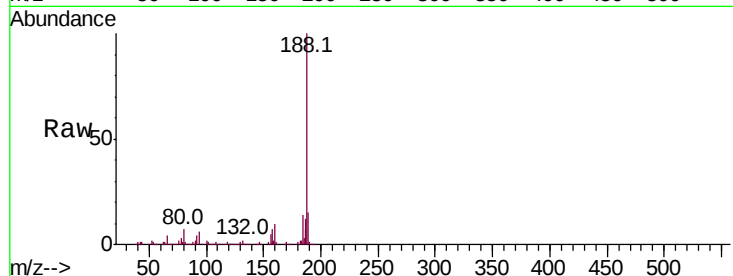
Tot Ion:188 Resp: 336420

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

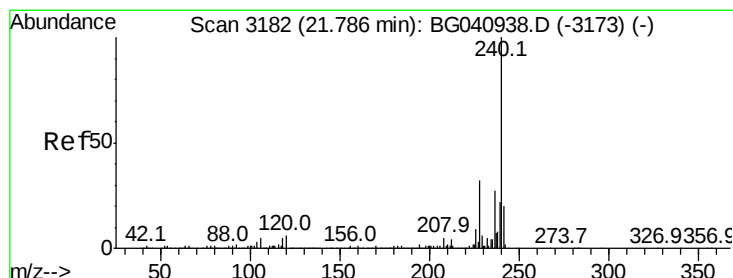
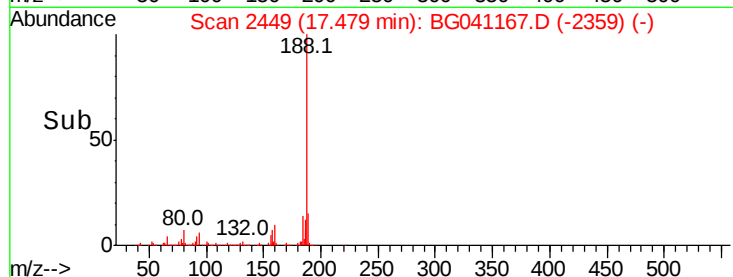
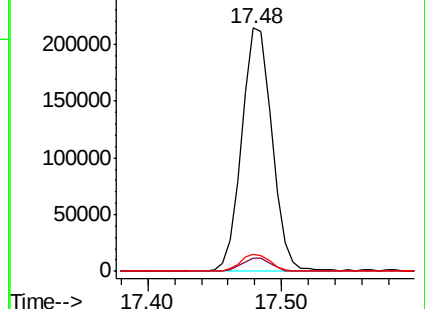
80 7.0 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041167.D

Acq: 10 Jun 2019 17:38

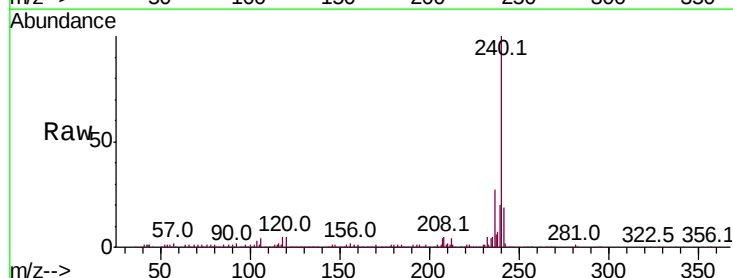
Tgt Ion:240 Resp: 327240

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

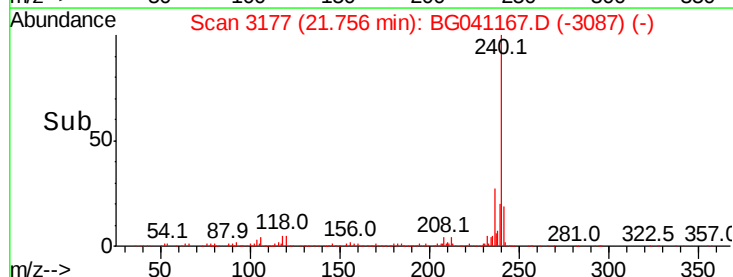
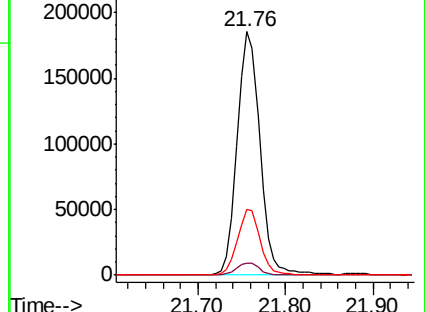
236 26.8 21.3 31.9

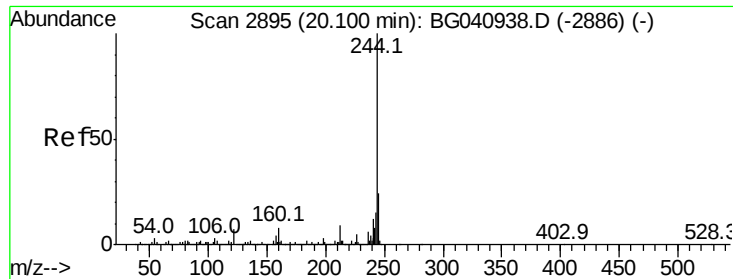


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.466 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041167.D

Acq: 10 Jun 2019 17:38

Instrument :

BNA_G

ClientSampleId :

MW-5A

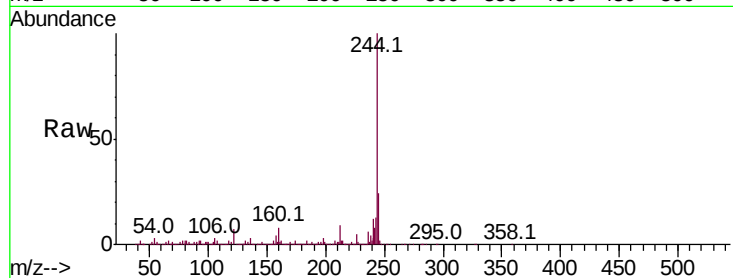
Tot Ion:244 Resp: 1518228

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

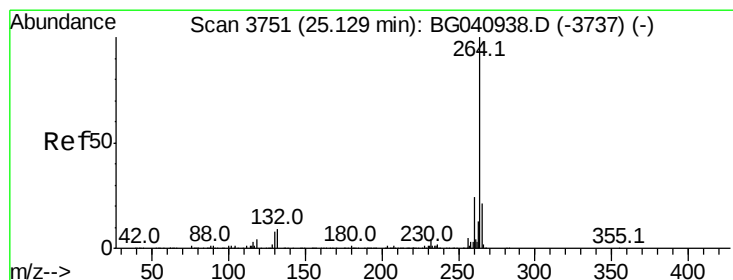
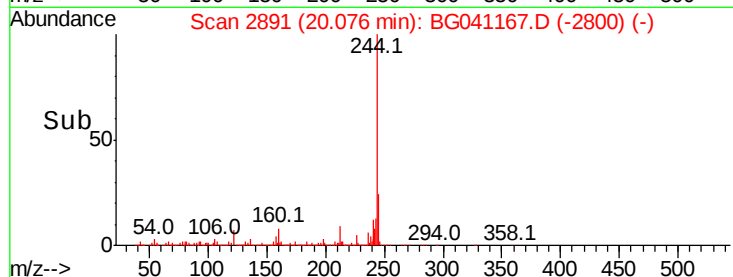
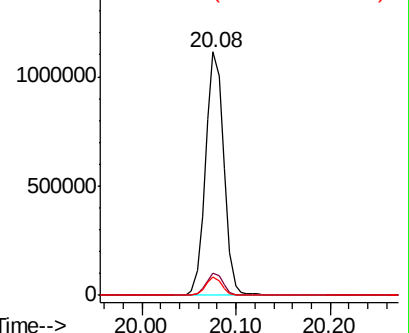
122 7.5 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041167.D

Acq: 10 Jun 2019 17:38

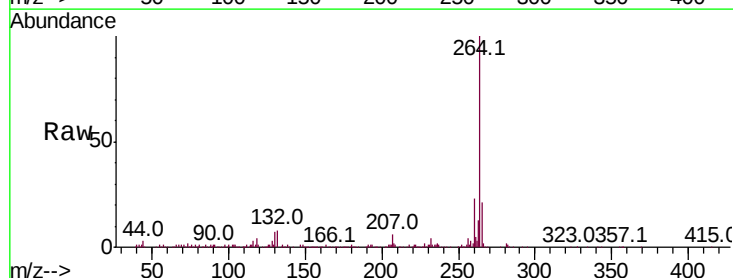
Tgt Ion:264 Resp: 319367

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

265 21.4 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

