

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
 Data File : BG041168.D
 Acq On : 10 Jun 2019 18:16
 Operator : HP/JU
 Sample : K3214-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

Quant Time: Jun 11 05:02:06 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	47098	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	198570	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	137759	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	320446	20.00	ng	0.00
76) Chrysene-d12	21.76	240	317621	20.00	ng	0.00
87) Perylene-d12	25.08	264	307902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	168618	64.56	ng	0.00
7) Phenol-d6	7.25	99	156996	38.92	ng	0.00
23) Nitrobenzene-d5	9.28	82	410058	91.68	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	283472	138.61	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	925846	96.79	ng	0.00
79) Terphenyl-d14	20.08	244	1461265	97.64	ng	0.00

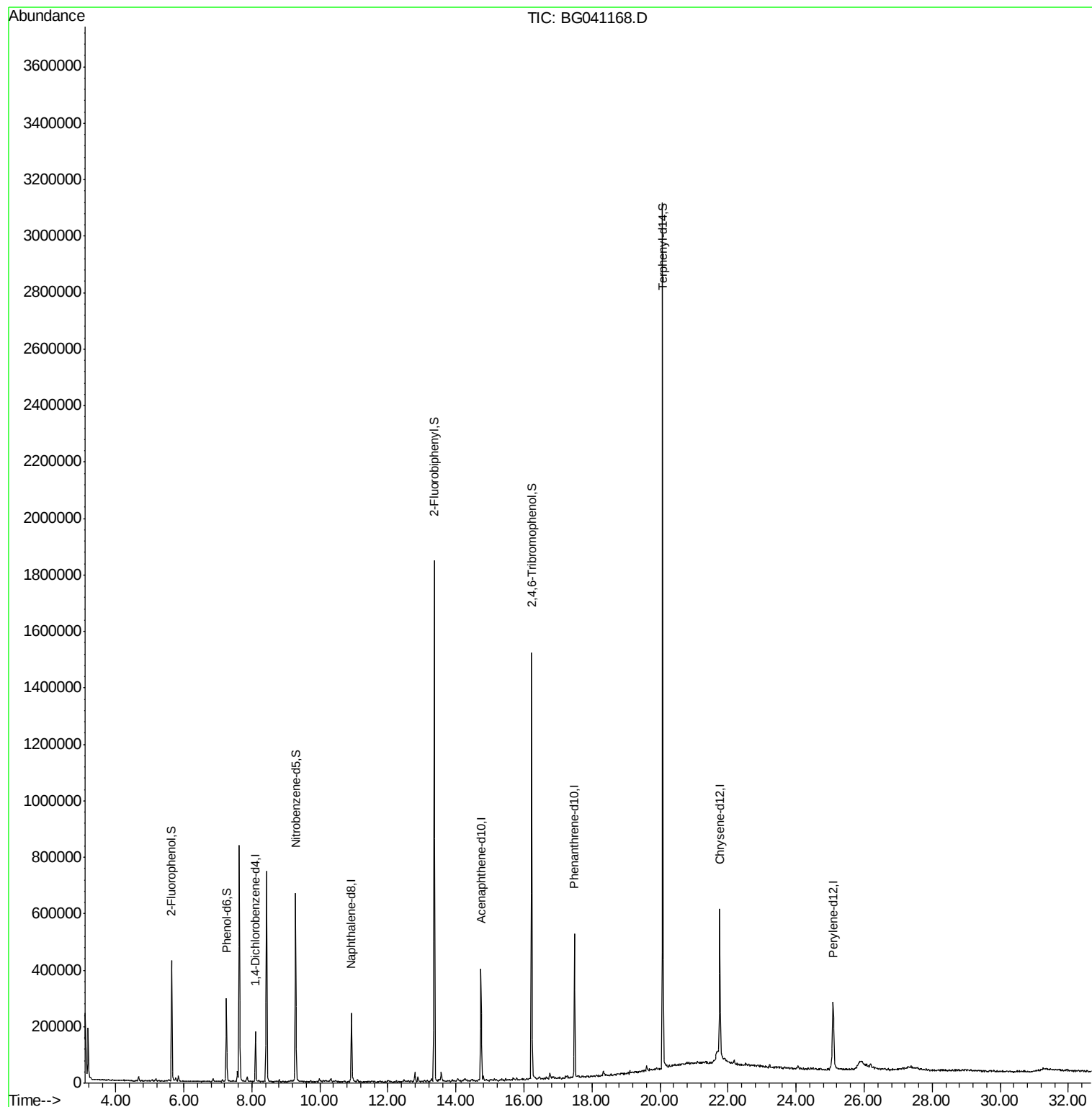
Target Compounds Qvalue

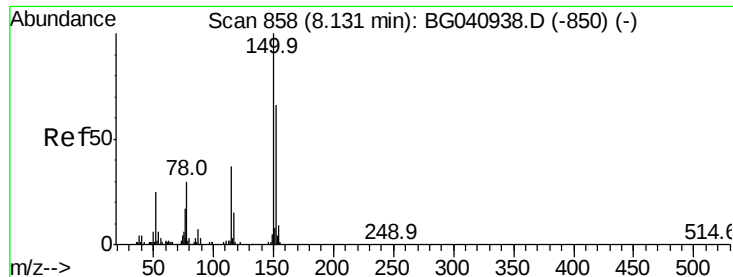
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG041168.D

Acq: 10 Jun 2019 18:16

Instrument :

BNA_G

ClientSampleId :

MW-2A

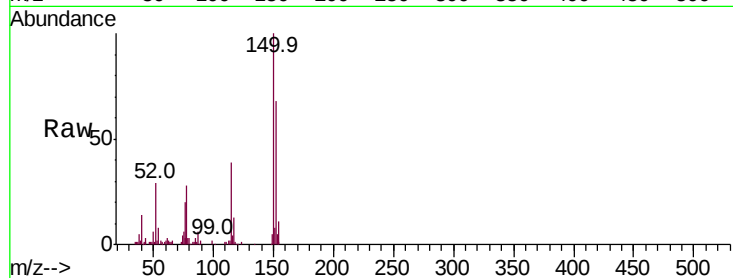
Tot Ion:152 Resp: 47098

Ion Ratio Lower Upper

152 100

150 148.0 120.6 180.8

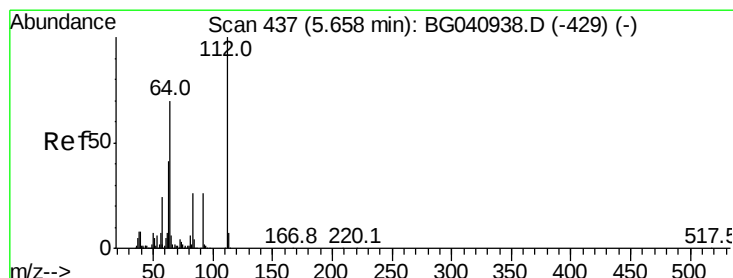
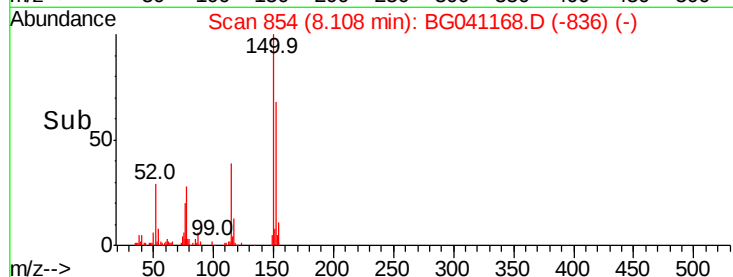
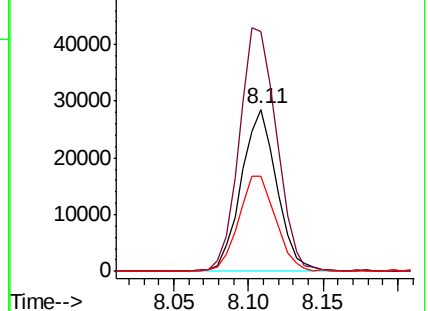
115 58.4 45.1 67.7



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: 64.558 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041168.D

Acq: 10 Jun 2019 18:16

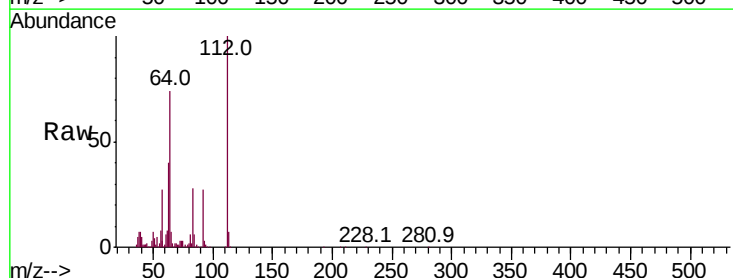
Tgt Ion:112 Resp: 168618

Ion Ratio Lower Upper

112 100

64 73.8 56.2 84.2

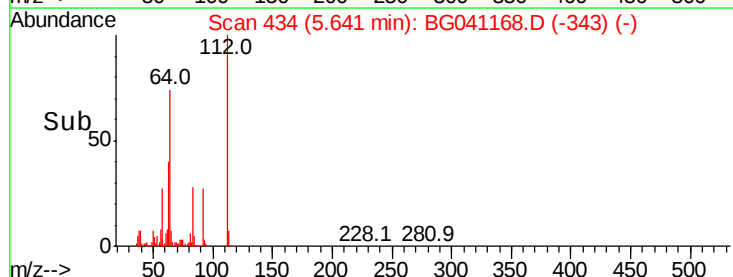
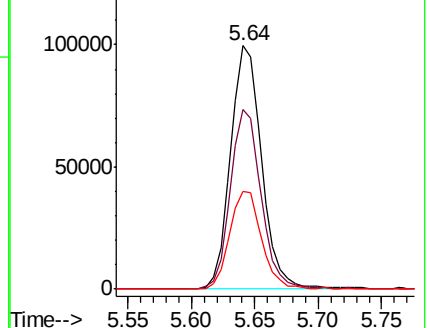
63 40.3 32.8 49.2

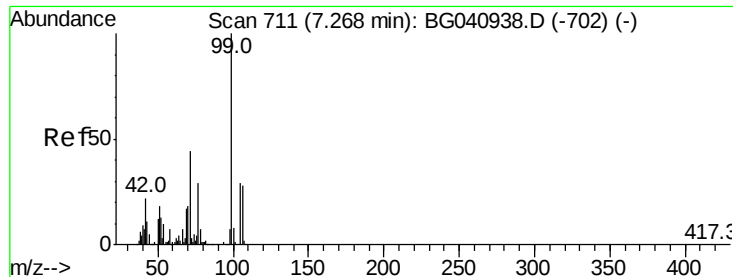


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 38.920 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041168.D

Acq: 10 Jun 2019 18:16

Instrument :

BNA_G

ClientSampleId :

MW-2A

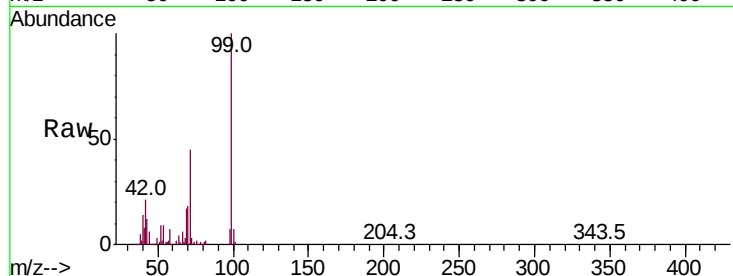
Tot Ion: 99 Resp: 156996

Ion Ratio Lower Upper

99 100

42 21.2 17.9 26.9

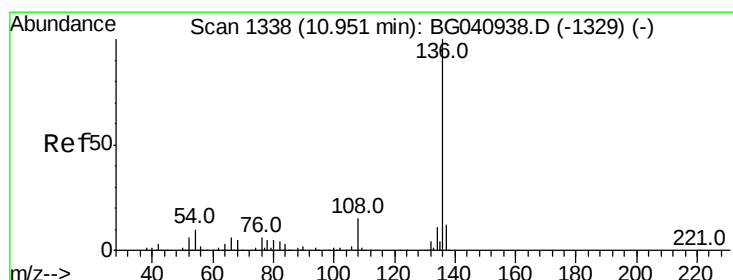
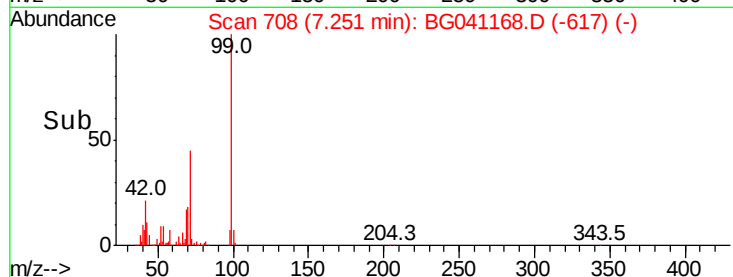
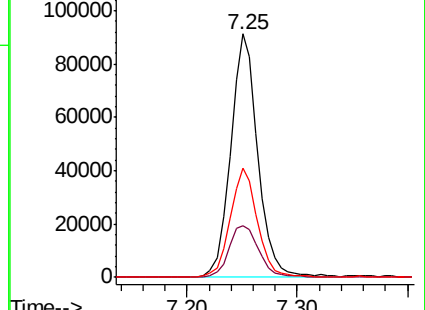
71 44.9 35.4 53.0



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: BG041168.D

Acq: 10 Jun 2019 18:16

Tgt Ion: 136 Resp: 198570

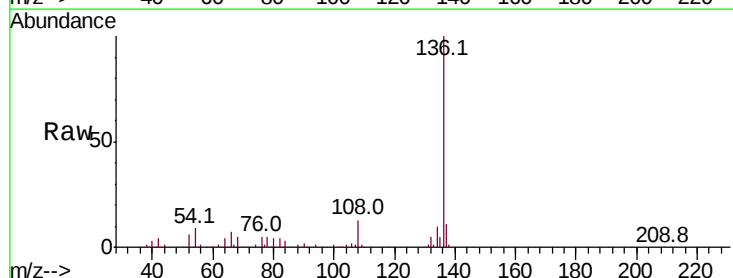
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 9.1 7.6 11.4

68 4.7 3.9 5.9

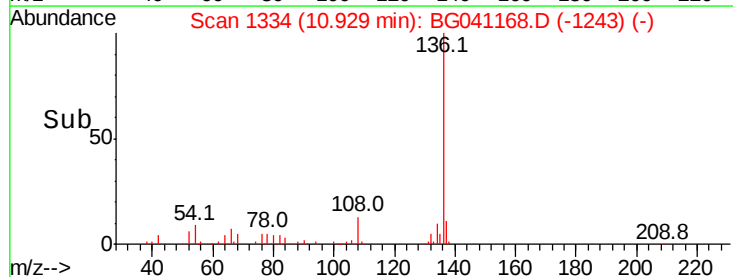
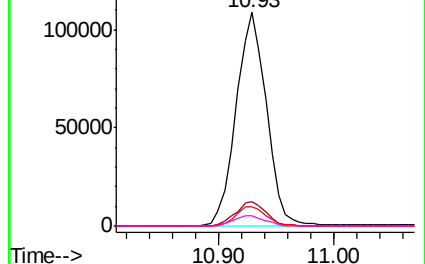


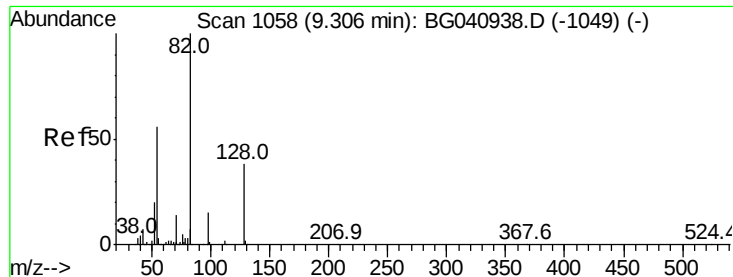
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 91.675 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BG041168.D

Acq: 10 Jun 2019 18:16

Instrument :

BNA_G

ClientSampleId :

MW-2A

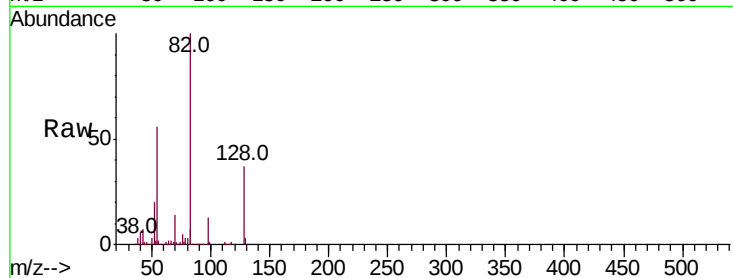
Tot Ion: 82 Resp: 410058

Ion Ratio Lower Upper

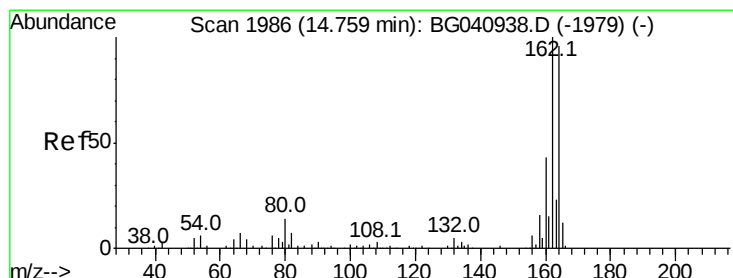
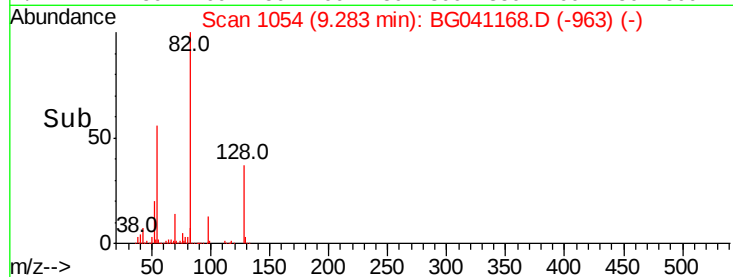
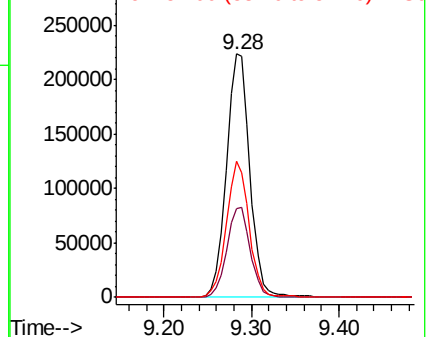
82 100

128 36.6 30.5 45.7

54 55.7 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: BG041168.D

Acq: 10 Jun 2019 18:16

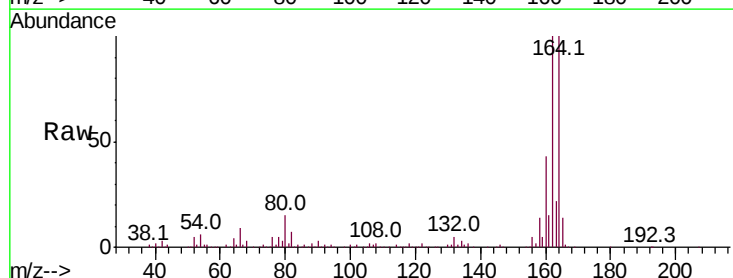
Tgt Ion:164 Resp: 137759

Ion Ratio Lower Upper

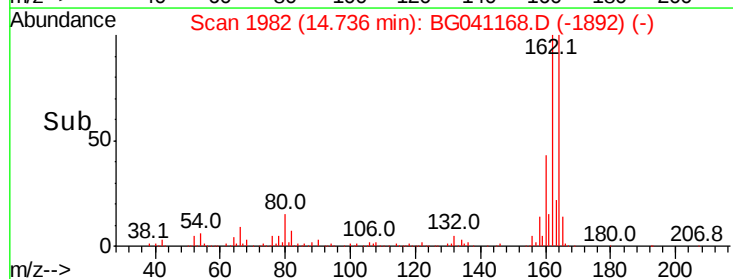
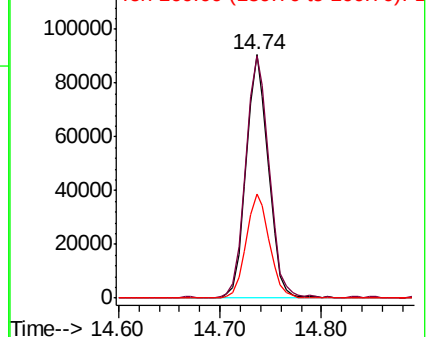
164 100

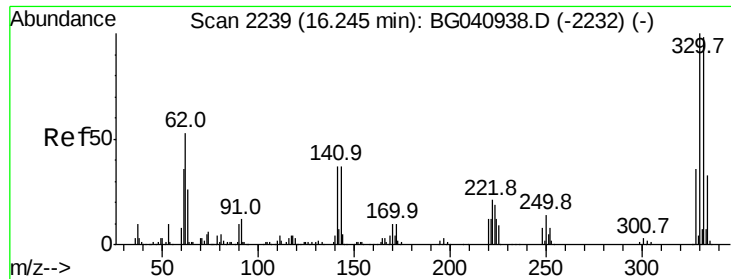
162 99.6 83.0 124.4

160 42.5 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

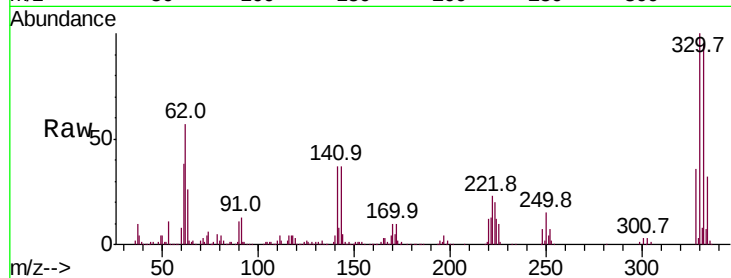




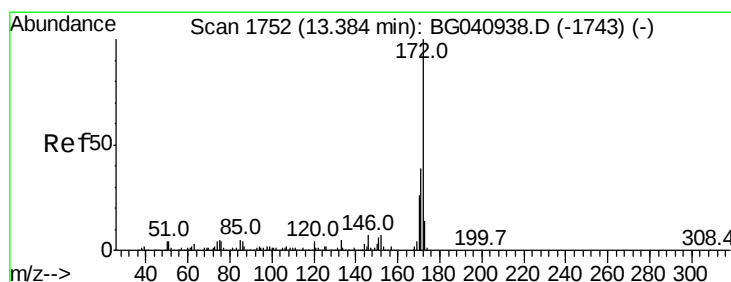
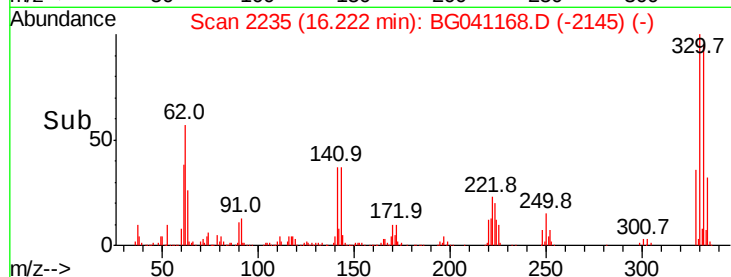
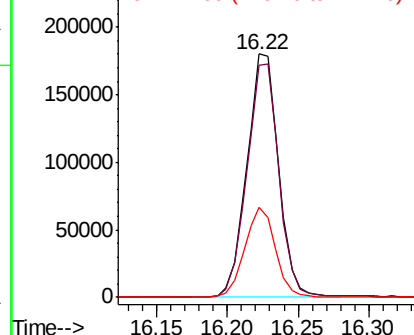
#42
 2,4,6-Tribromophenol
 Concen: 138.608 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041168.D
 Acq: 10 Jun 2019 18:16

Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

Tot Ion:330 Resp: 283472
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.5 117.7
 141 35.9 28.7 43.1

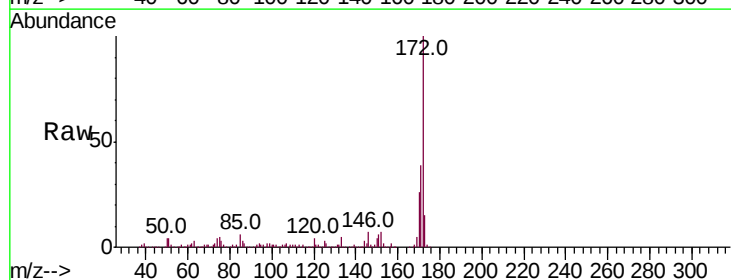


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

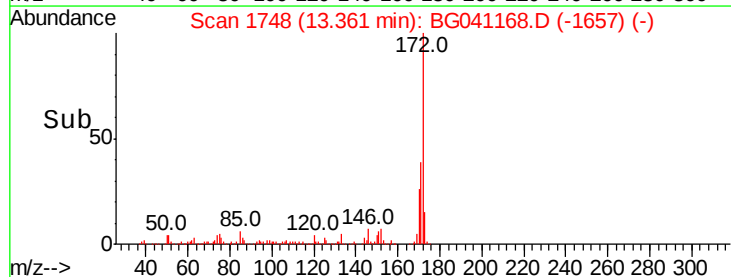
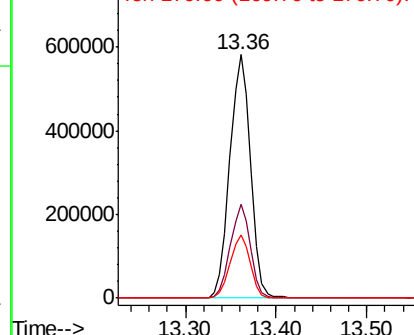


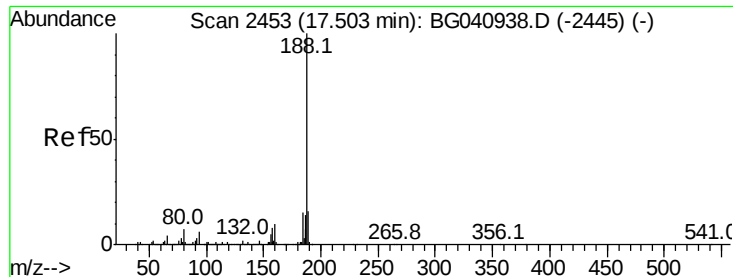
#45
 2-Fluorobiphenyl
 Concen: 96.786 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041168.D
 Acq: 10 Jun 2019 18:16

Tgt Ion:172 Resp: 925846
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.1 46.7
 170 25.8 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041168.D

Acq: 10 Jun 2019 18:16

Instrument :

BNA_G

ClientSampleId :

MW-2A

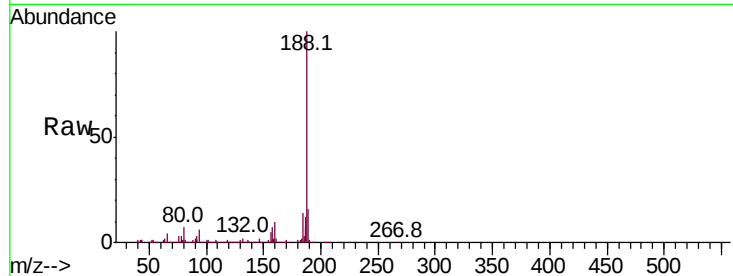
Tot Ion:188 Resp: 320446

Ion Ratio Lower Upper

188 100

94 6.0 4.7 7.1

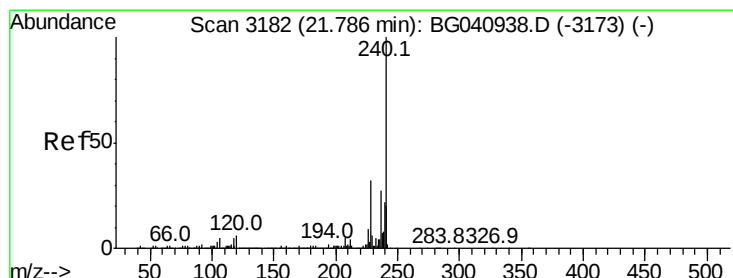
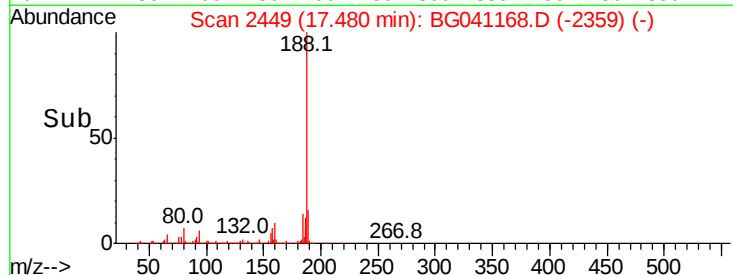
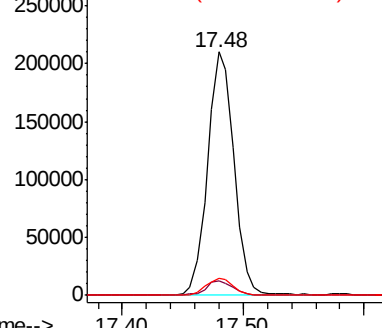
80 6.9 5.8 8.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041168.D

Acq: 10 Jun 2019 18:16

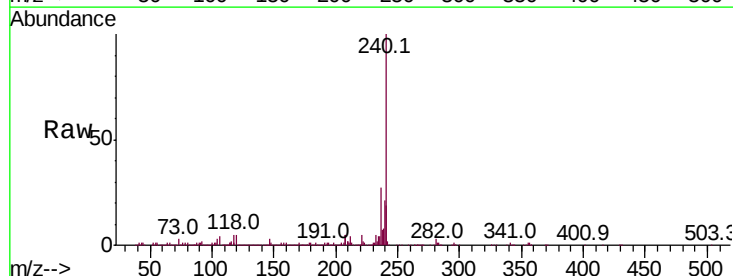
Tgt Ion:240 Resp: 317621

Ion Ratio Lower Upper

240 100

120 4.6 4.5 6.7

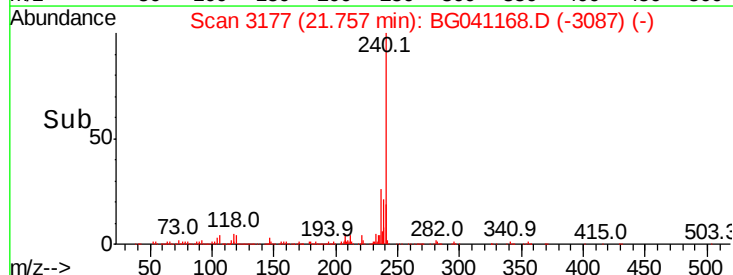
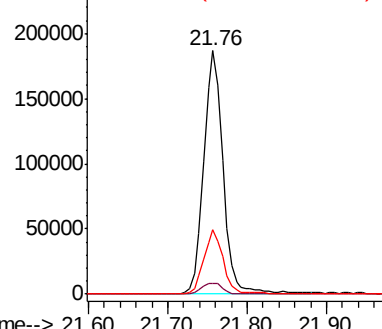
236 26.5 21.3 31.9

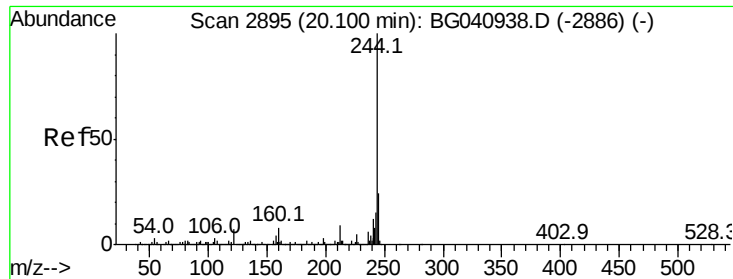


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.642 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041168.D

Acq: 10 Jun 2019 18:16

Instrument :

BNA_G

ClientSampleId :

MW-2A

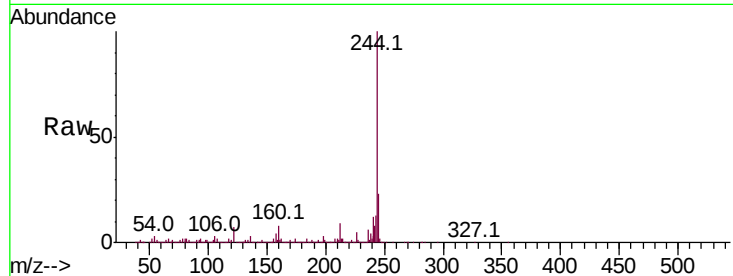
Tot Ion:244 Resp: 1461265

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

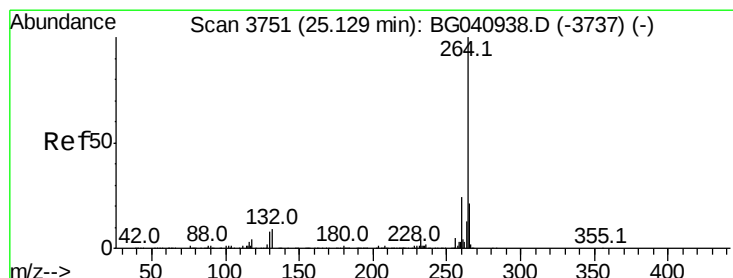
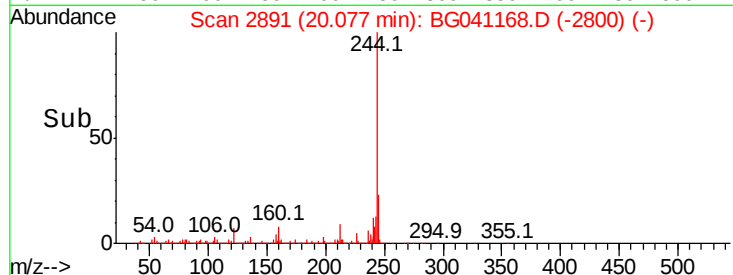
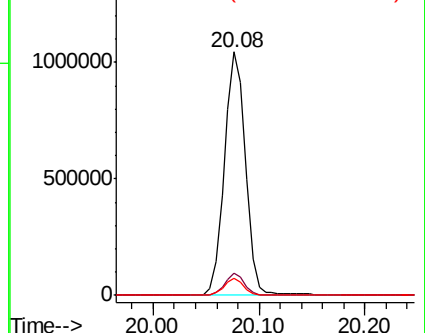
122 7.1 5.4 8.0



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: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041168.D

Acq: 10 Jun 2019 18:16

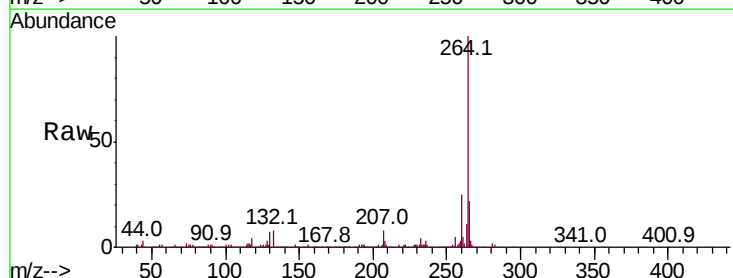
Tgt Ion:264 Resp: 307902

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.4

265 22.0 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

