

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
 Data File : BG039226.D
 Acq On : 18 Jan 2019 21:50
 Operator : JU/SJ
 Sample : K1178-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

Quant Time: Jan 18 22:39:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14168	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	62978	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	45637	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	117164	20.00	ng	0.00
76) Chrysene-d12	21.67	240	122443	20.00	ng	-0.01
87) Perylene-d12	24.93	264	128015	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	42960	57.52	ng	0.00
7) Phenol-d6	7.17	99	38137	35.48	ng	0.00
23) Nitrobenzene-d5	9.19	82	97885	85.05	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	97840	127.90	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	280351	84.07	ng	0.00
79) Terphenyl-d14	20.00	244	557373	84.21	ng	0.00

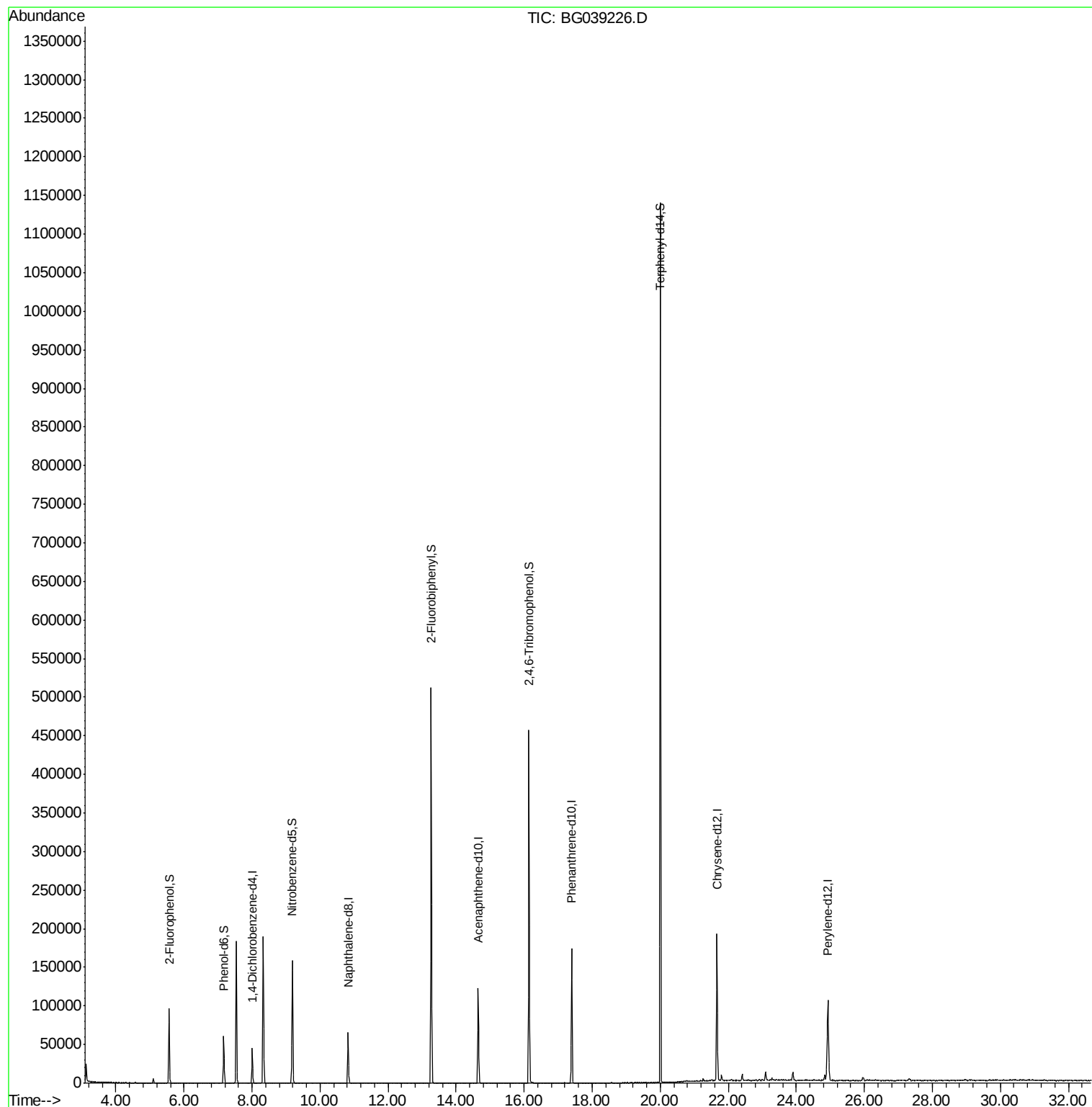
Target Compounds Qvalue

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

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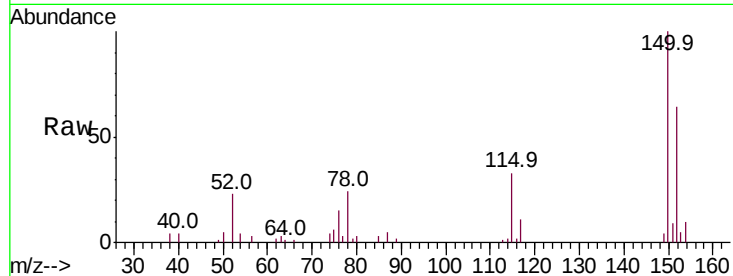


#1

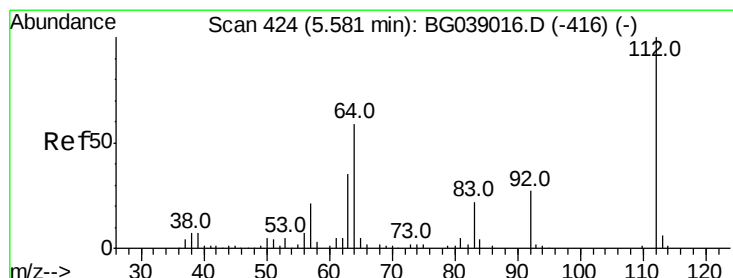
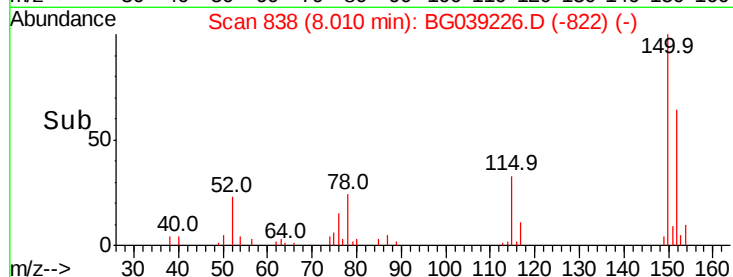
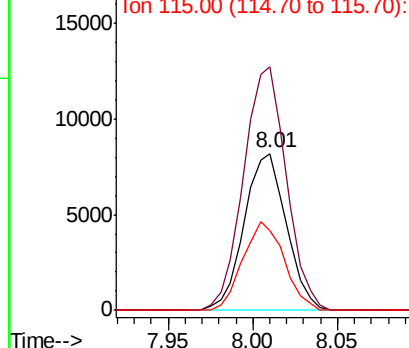
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039226.D
Acq: 18 Jan 2019 21:50

Instrument :
BNA_G
ClientSampleId :
MW-07

Tot Ion:152 Resp: 14168
Ion Ratio Lower Upper
152 100
150 155.2 124.7 187.1
115 51.0 46.5 69.7



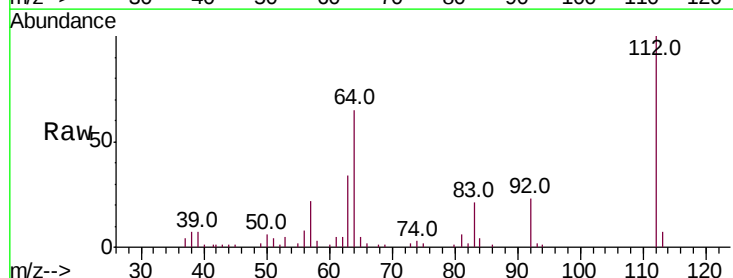
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



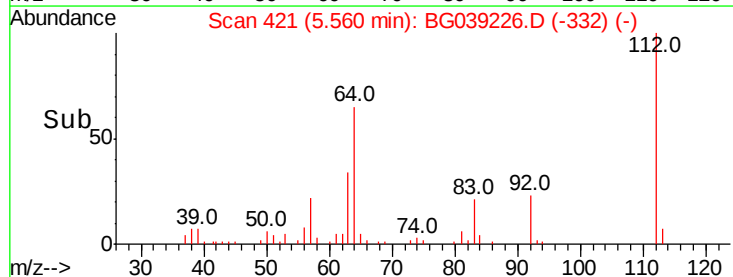
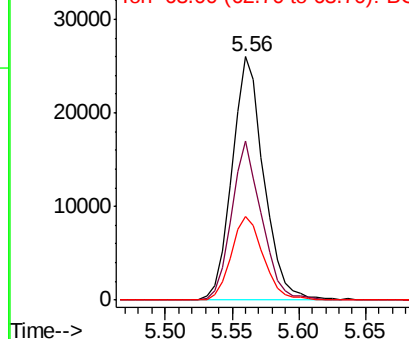
#5

2-Fluorophenol
Concen: 57.520 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039226.D
Acq: 18 Jan 2019 21:50

Tgt Ion:112 Resp: 42960
Ion Ratio Lower Upper
112 100
64 65.4 47.0 70.6
63 34.2 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 35.481 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039226.D

Acq: 18 Jan 2019 21:50

Instrument :

BNA_G

ClientSampled :

MW-07

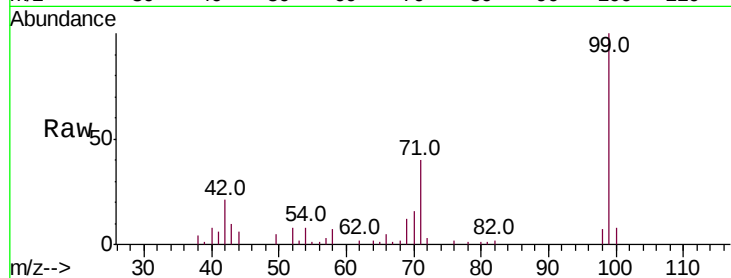
Tot Ion: 99 Resp: 38137

Ion Ratio Lower Upper

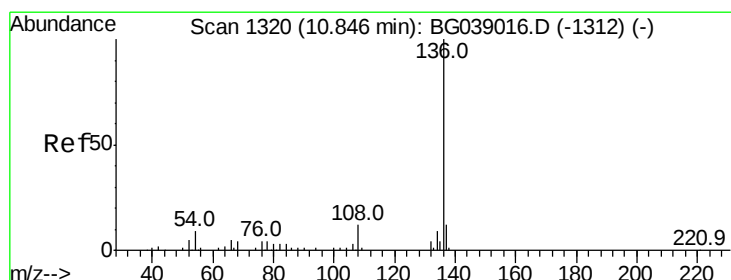
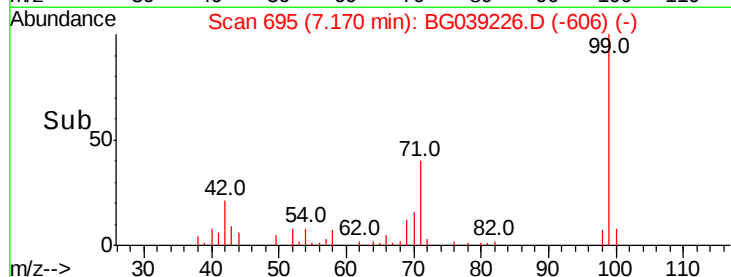
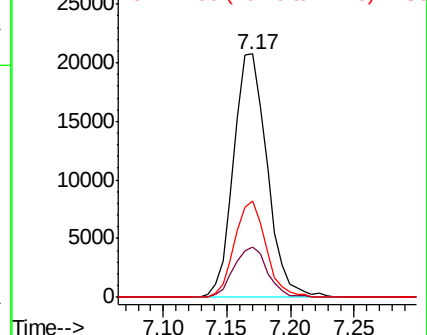
99 100

42 20.8 15.8 23.6

71 39.5 30.2 45.4



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: 10.82 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG039226.D

Acq: 18 Jan 2019 21:50

Tgt Ion: 136 Resp: 62978

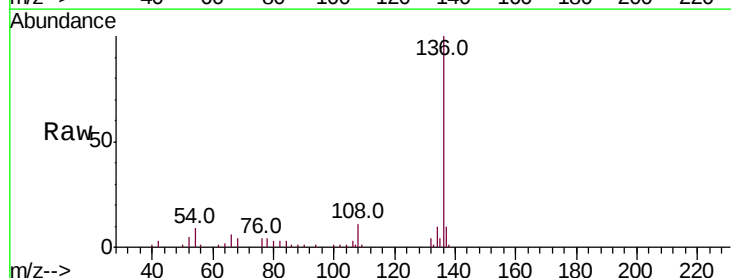
Ion Ratio Lower Upper

136 100

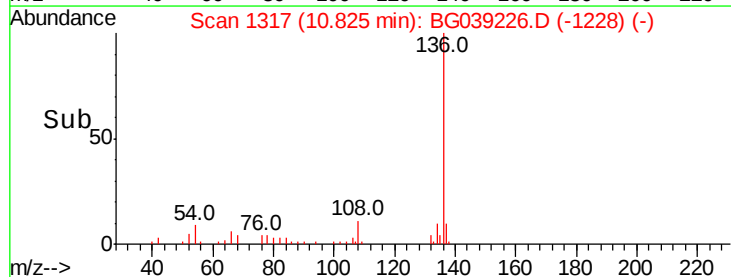
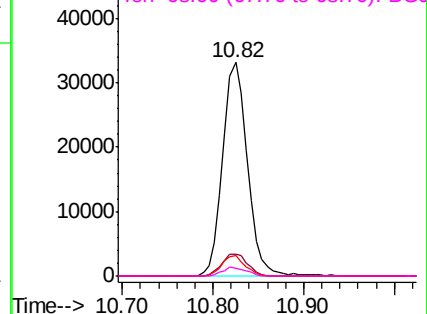
137 10.1 9.4 14.2

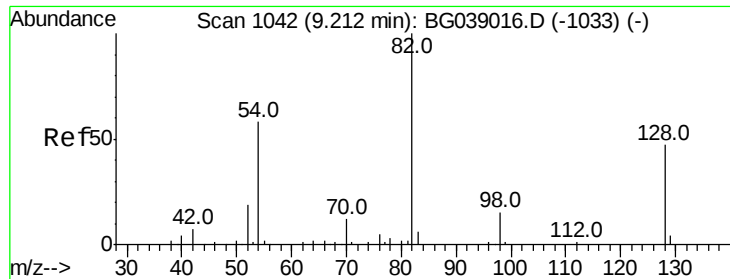
54 9.4 7.2 10.8

68 3.8 3.5 5.3



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

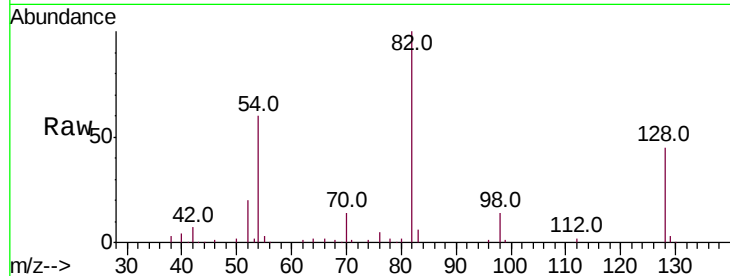




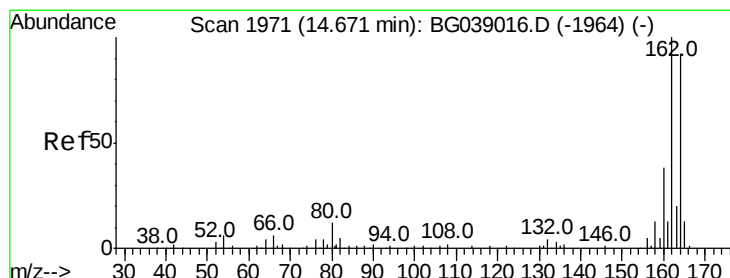
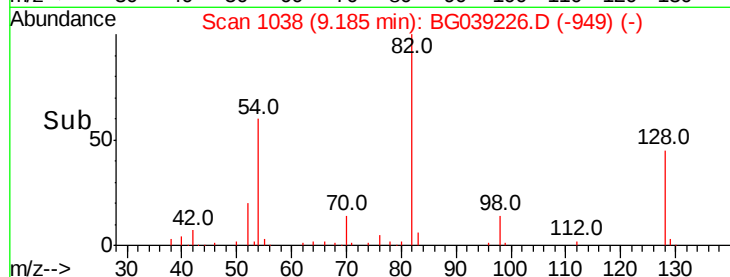
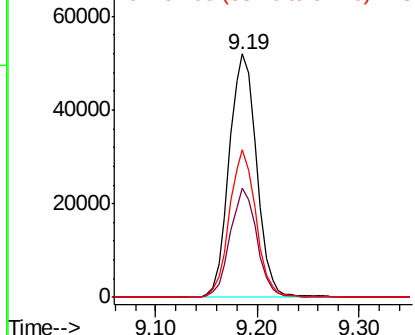
#23
Nitrobenzene-d5
Concen: 85.049 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039226.D
Acq: 18 Jan 2019 21:50

Instrument :
BNA_G
ClientSampleId :
MW-07

Tot Ion: 82 Resp: 97885
Ion Ratio Lower Upper
82 100
128 44.6 37.3 55.9
54 60.4 46.4 69.6

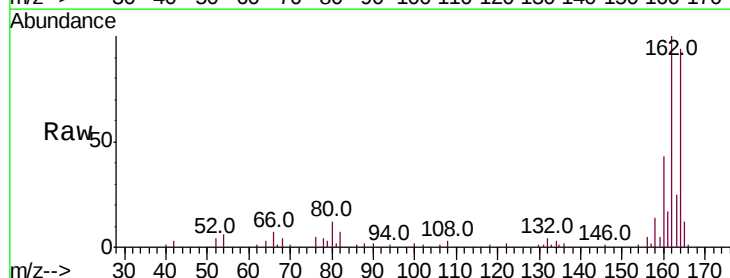


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

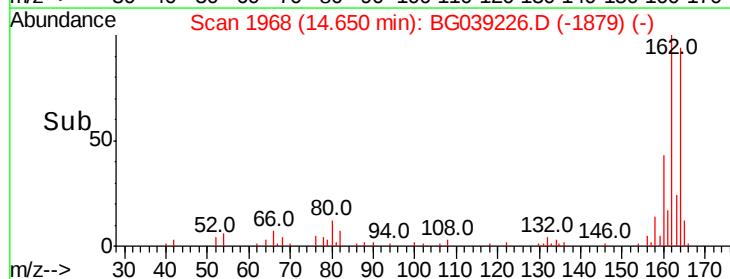
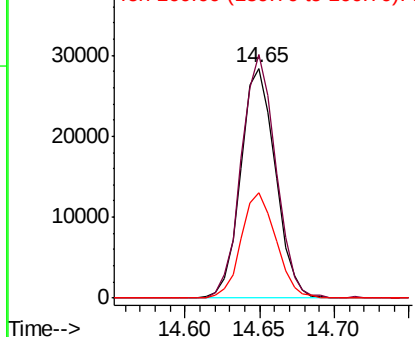


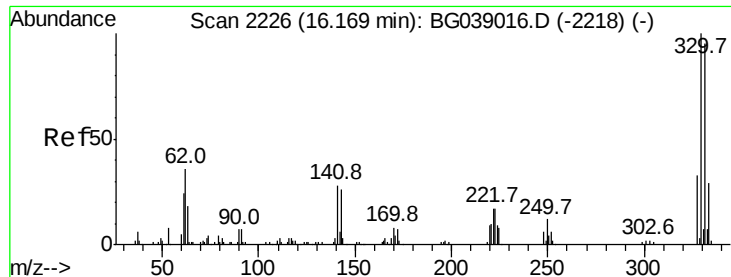
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG039226.D
Acq: 18 Jan 2019 21:50

Tgt Ion: 164 Resp: 45637
Ion Ratio Lower Upper
164 100
162 105.9 87.2 130.8
160 46.0 33.3 49.9



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

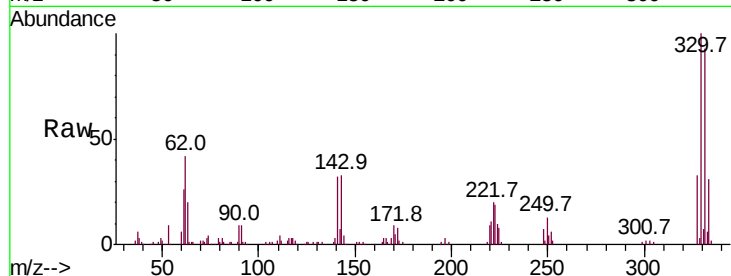




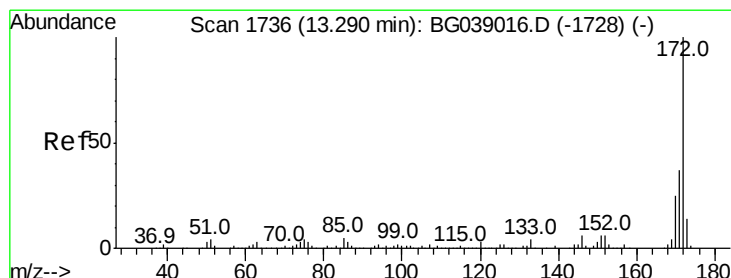
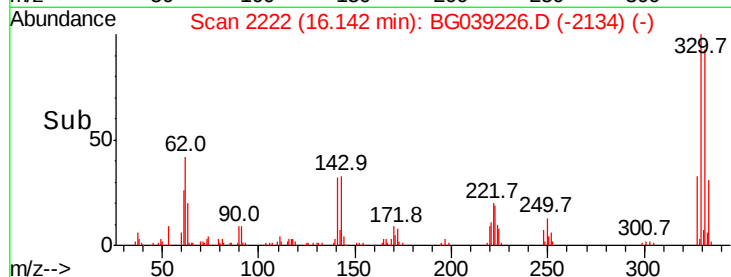
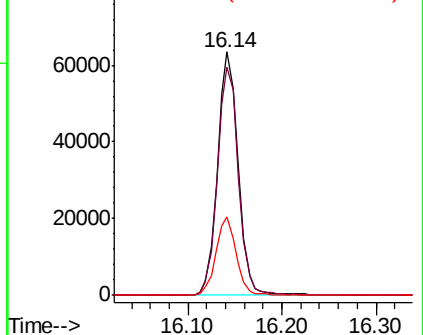
#42
 2,4,6-Tribromophenol
 Concen: 127.895 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG039226.D
 Acq: 18 Jan 2019 21:50

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

Tot Ion:330 Resp: 97840
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.7 113.5
 141 31.5 24.9 37.3

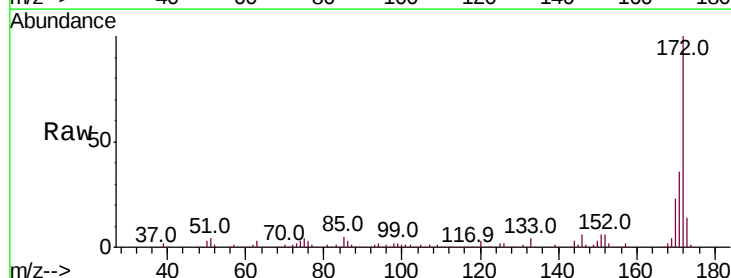


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

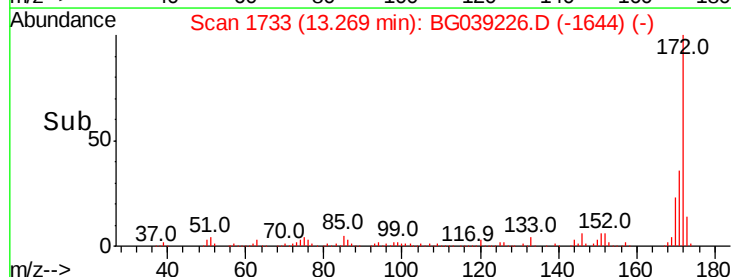
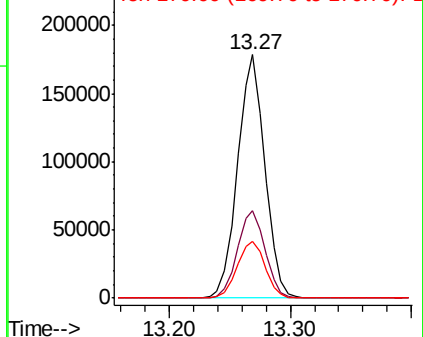


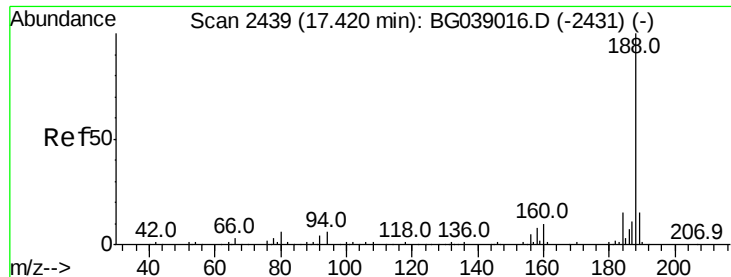
#45
 2-Fluorobiphenyl
 Concen: 84.072 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG039226.D
 Acq: 18 Jan 2019 21:50

Tgt Ion:172 Resp: 280351
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 23.4 20.1 30.1



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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG039226.D

Acq: 18 Jan 2019 21:50

Instrument :

BNA_G

ClientSampleId :

MW-07

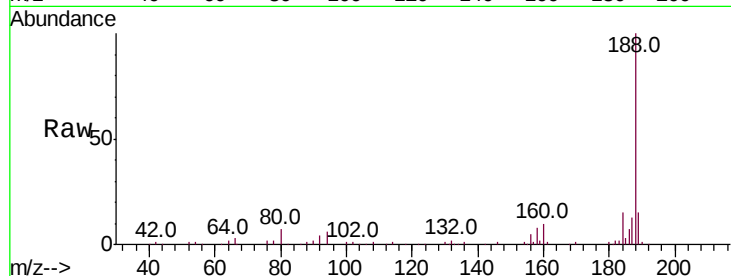
Tot Ion:188 Resp: 117164

Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.4

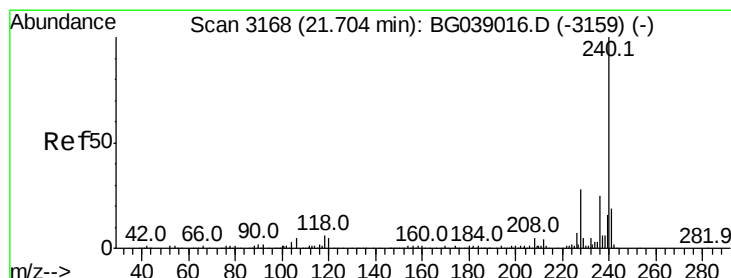
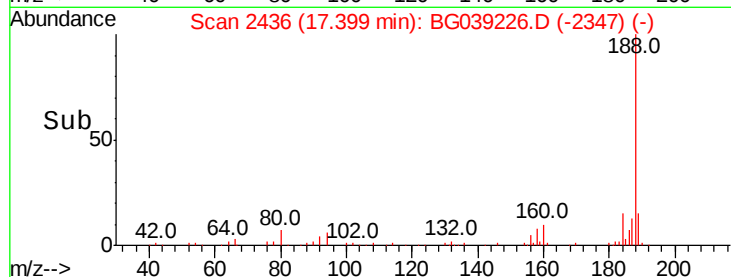
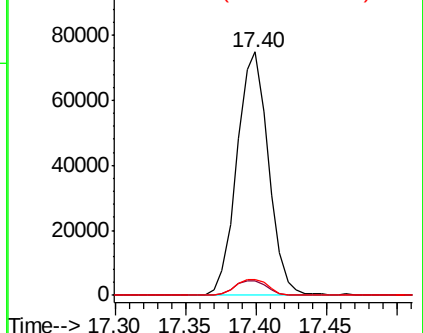
80 6.7 4.7 7.1



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: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039226.D

Acq: 18 Jan 2019 21:50

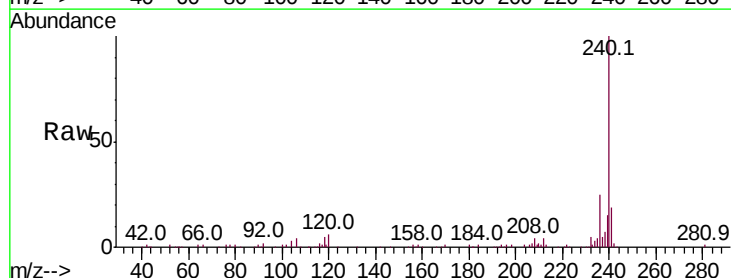
Tgt Ion:240 Resp: 122443

Ion Ratio Lower Upper

240 100

120 6.4 4.3 6.5

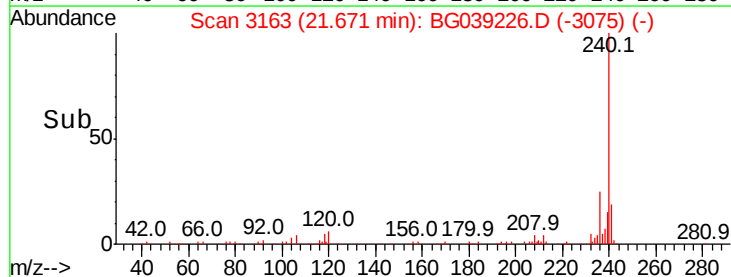
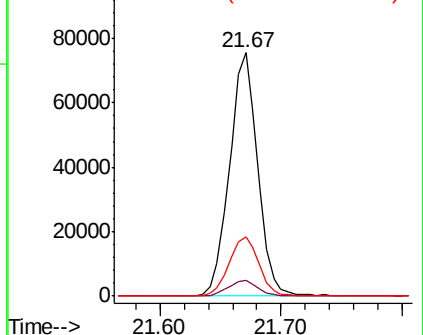
236 24.6 20.1 30.1

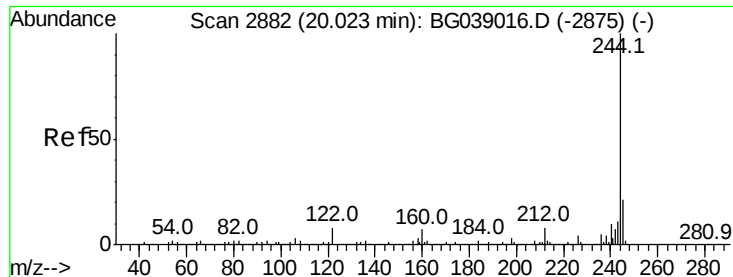


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



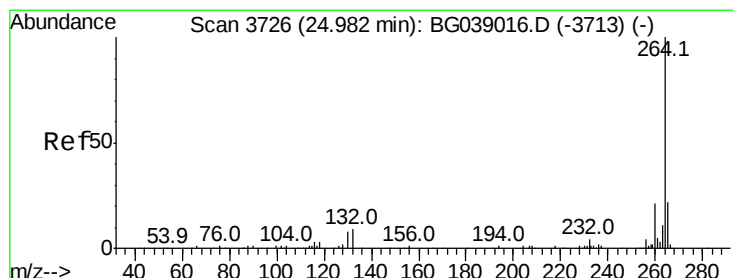
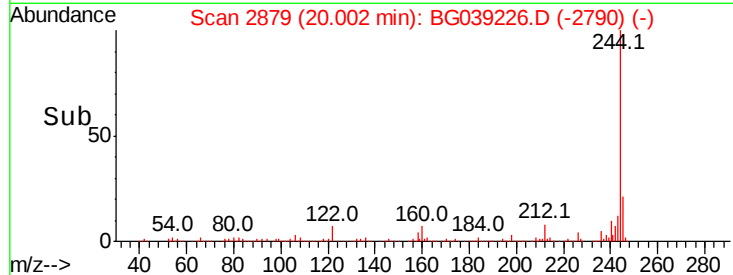
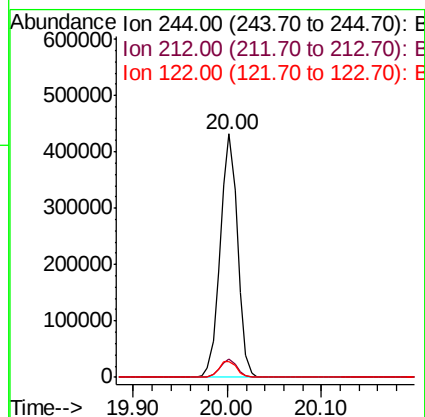
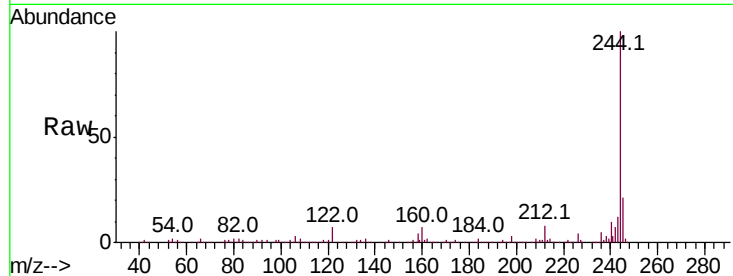


#79
 Terphenyl-d14
 Concen: 84.209 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG039226.D
 Acq: 18 Jan 2019 21:50

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

Tot Ion:244 Resp: 557373

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	6.6	6.1	9.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG039226.D
 Acq: 18 Jan 2019 21:50

Tgt Ion:264 Resp: 128015

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.0	25.6
265	22.4	17.2	25.8

