

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
 Data File : BG039256.D
 Acq On : 22 Jan 2019 18:23
 Operator : JU/SJ
 Sample : K1213-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE

Quant Time: Jan 22 23:47:02 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

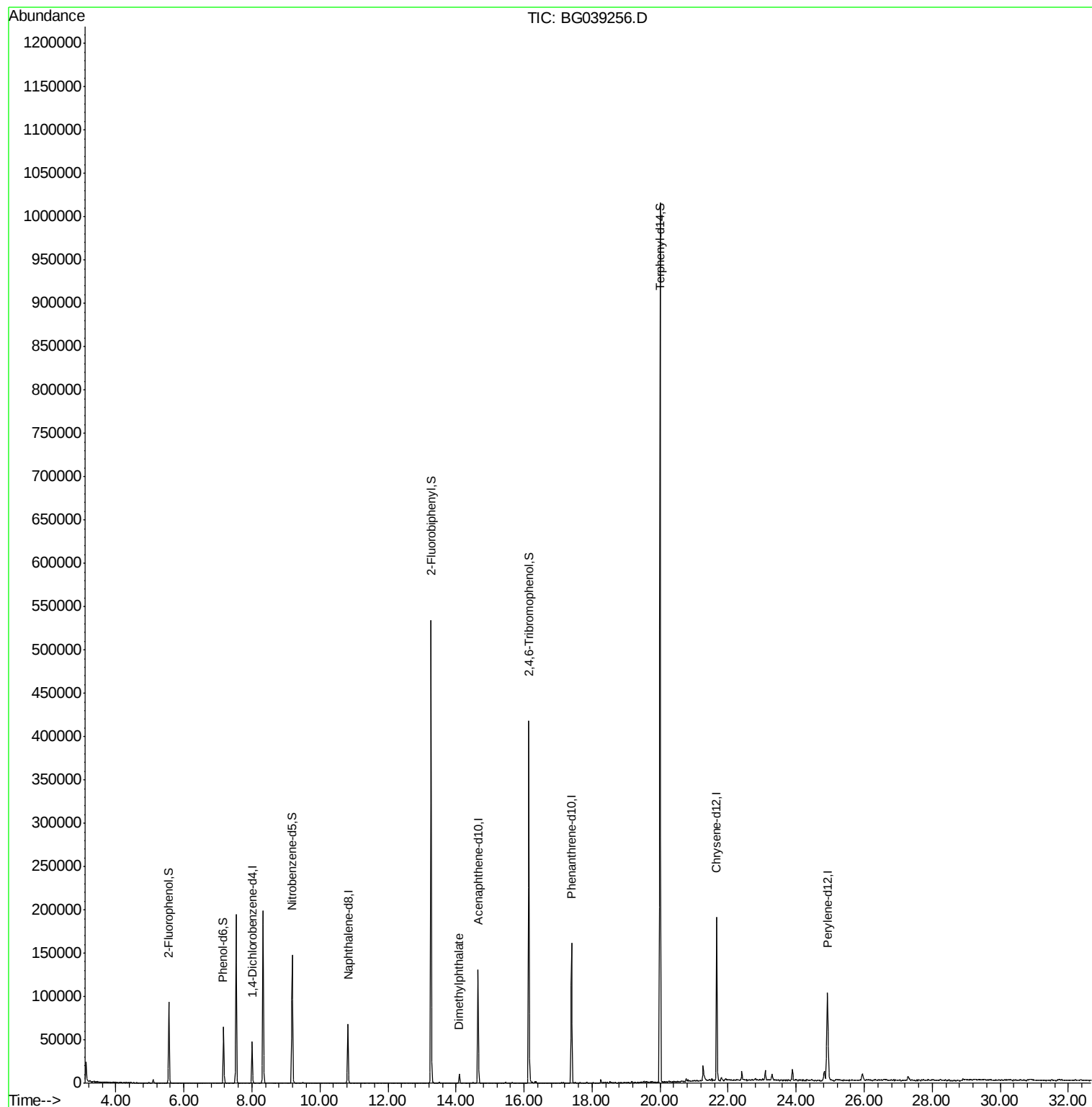
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14852	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	62978	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	47933	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	113181	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	122130	20.00	ng	-0.02
87) Perylene-d12	24.92	264	132079	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	42322	54.06	ng	0.00
7) Phenol-d6	7.16	99	39902	35.41	ng	-0.01
23) Nitrobenzene-d5	9.18	82	91642	79.62	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	90946	113.19	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	291799	83.31	ng	0.00
79) Terphenyl-d14	20.00	244	517957	78.45	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.09	163	9034	2.230	ng	Qvalue # 92

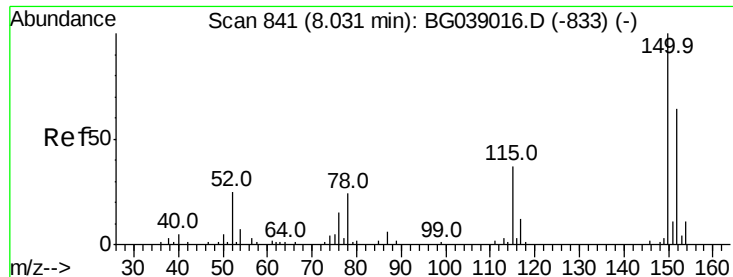
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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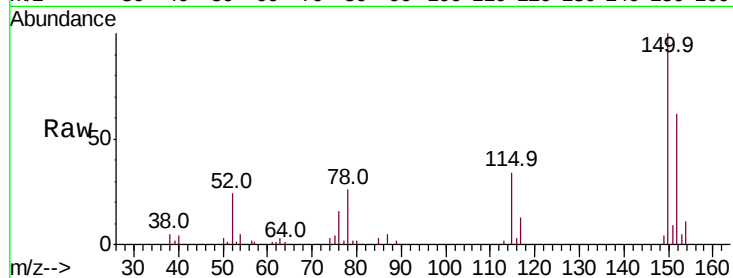


#1

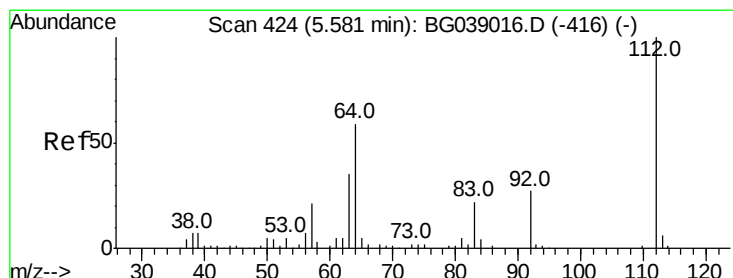
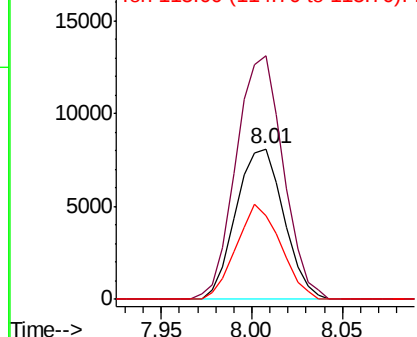
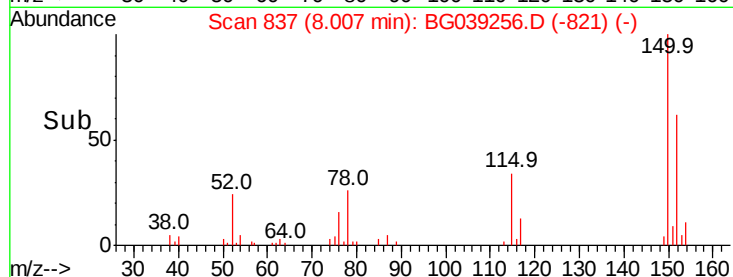
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039256.D
Acq: 22 Jan 2019 18:23

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tot Ion:152 Resp: 14852
Ion Ratio Lower Upper
152 100
150 161.5 124.7 187.1
115 55.3 46.5 69.7



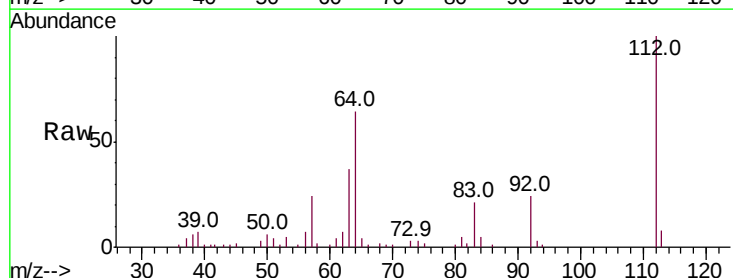
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



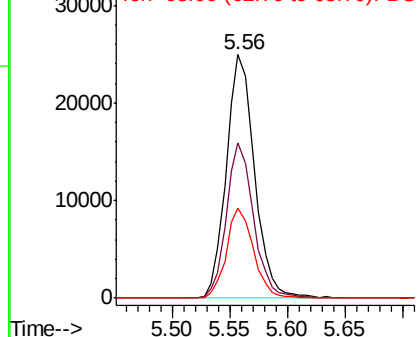
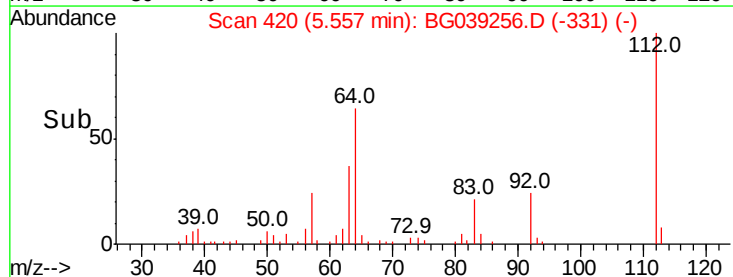
#5

2-Fluorophenol
Concen: 54.056 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039256.D
Acq: 22 Jan 2019 18:23

Tgt Ion:112 Resp: 42322
Ion Ratio Lower Upper
112 100
64 63.7 47.0 70.6
63 37.0 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: 35.414 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039256.D

Acq: 22 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

MANHOLE

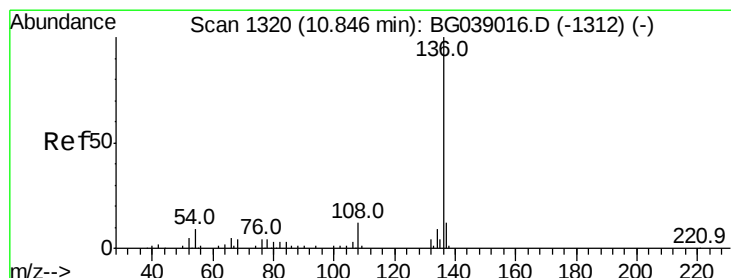
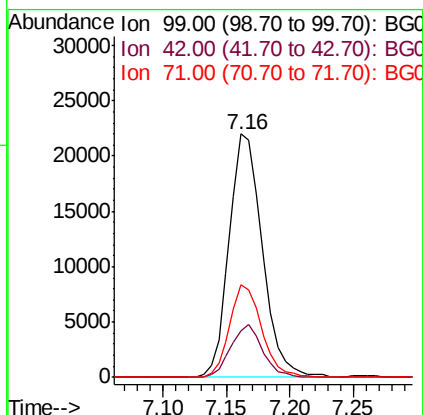
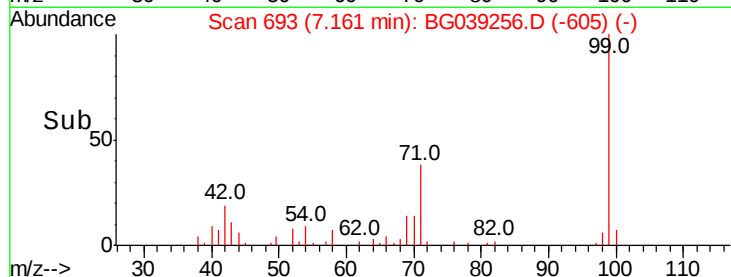
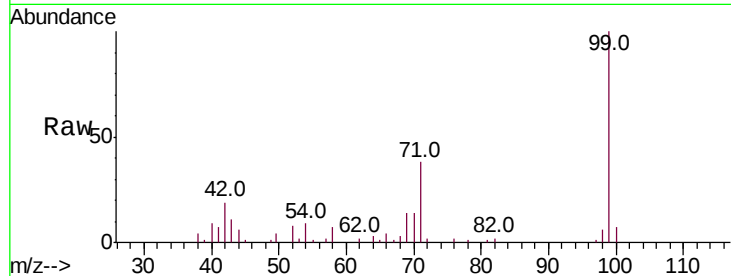
Tot Ion: 99 Resp: 39902

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

71 37.8 30.2 45.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039256.D

Acq: 22 Jan 2019 18:23

Tgt Ion: 136 Resp: 62978

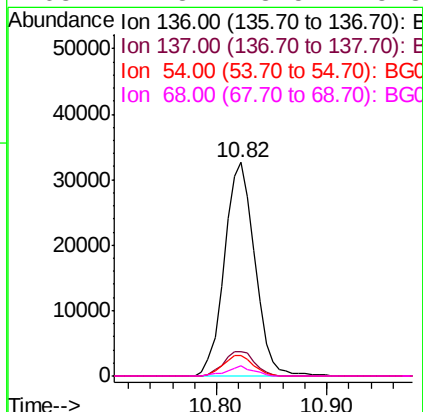
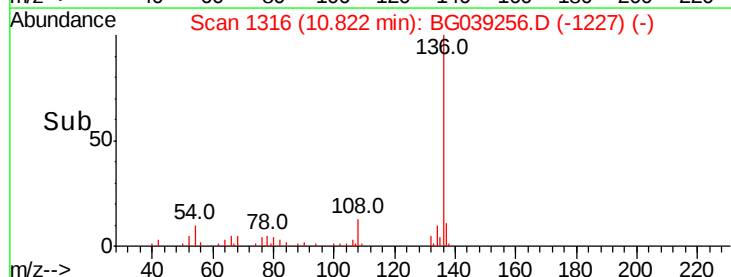
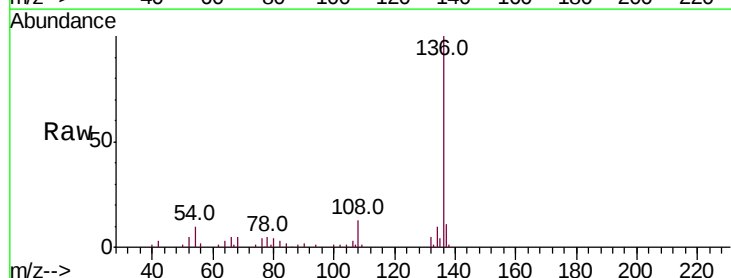
Ion Ratio Lower Upper

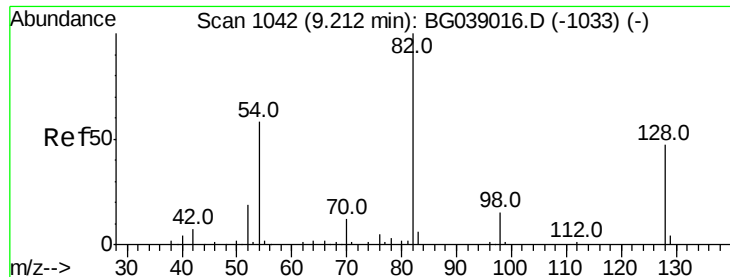
136 100

137 11.3 9.4 14.2

54 9.5 7.2 10.8

68 4.8 3.5 5.3





#23

Nitrobenzene-d5

Concen: 79.625 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG039256.D

Acq: 22 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

MANHOLE

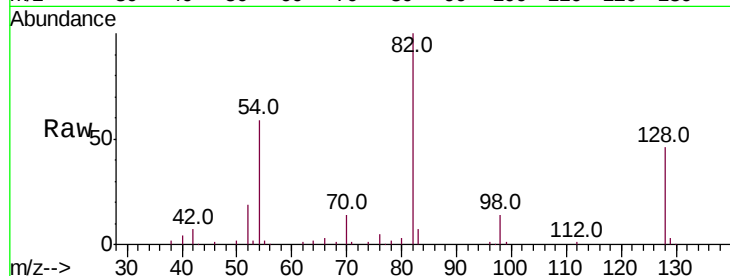
Tot Ion: 82 Resp: 91642

Ion Ratio Lower Upper

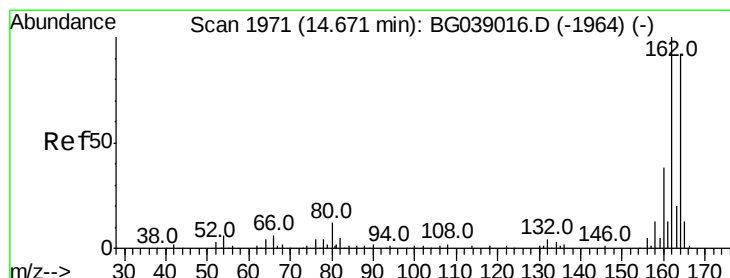
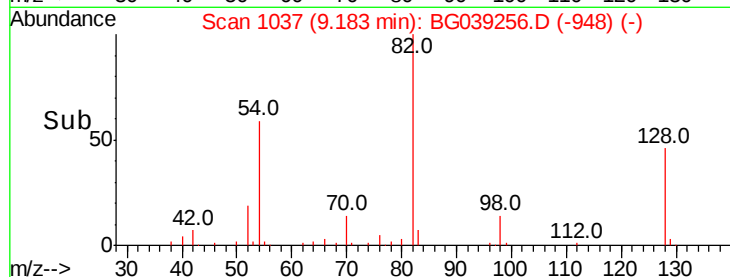
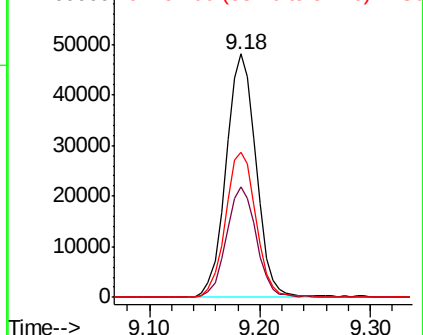
82 100

128 45.5 37.3 55.9

54 59.5 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# 1967

Delta R.T. -0.01 min

Lab File: BG039256.D

Acq: 22 Jan 2019 18:23

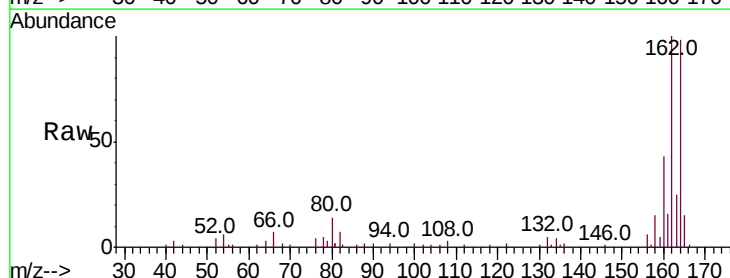
Tgt Ion:164 Resp: 47933

Ion Ratio Lower Upper

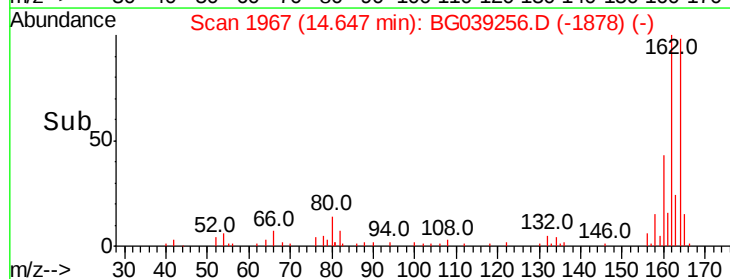
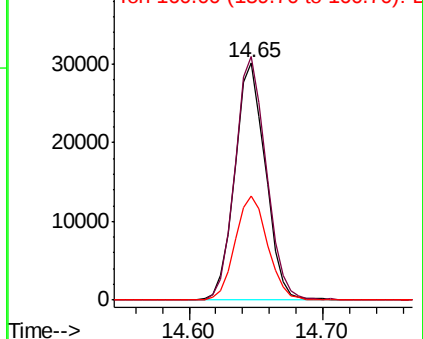
164 100

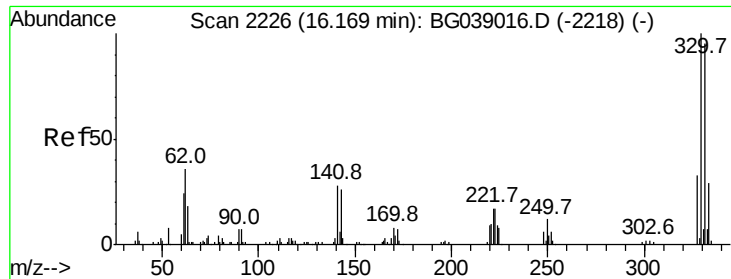
162 102.5 87.2 130.8

160 43.9 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

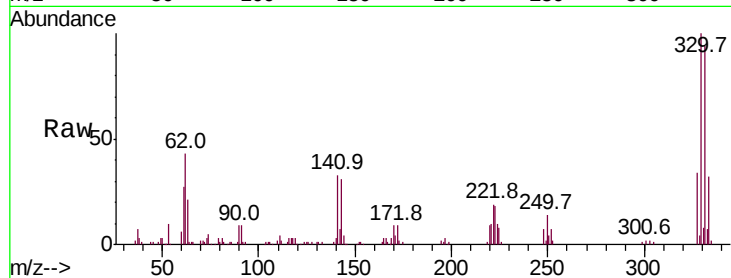




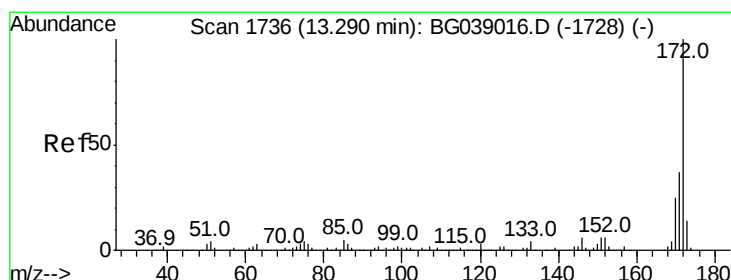
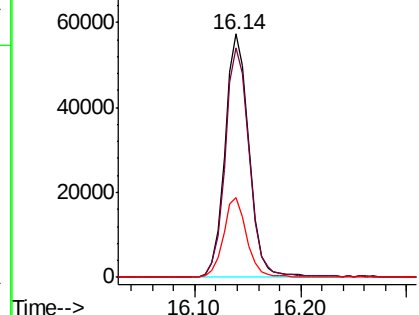
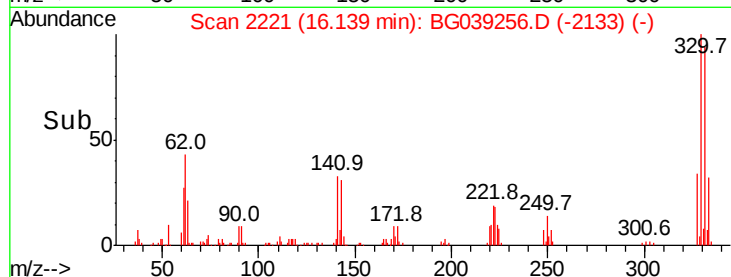
#42
 2,4,6-Tribromophenol
 Concen: 113.189 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG039256.D
 Acq: 22 Jan 2019 18:23

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE

Tot Ion:330 Resp: 90946
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.7 113.5
 141 31.6 24.9 37.3

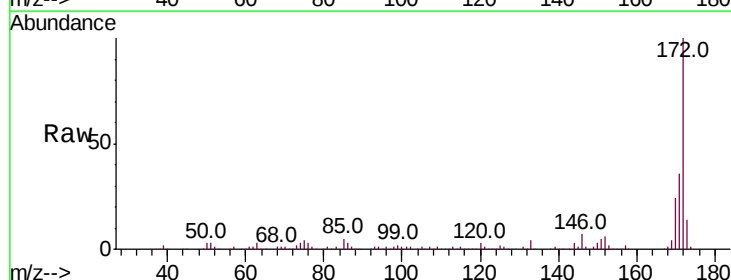


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

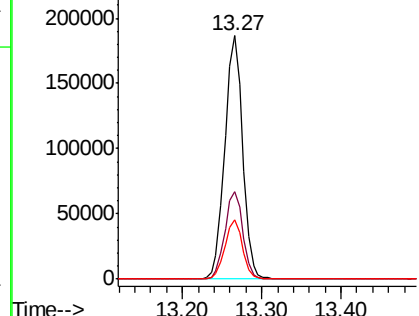
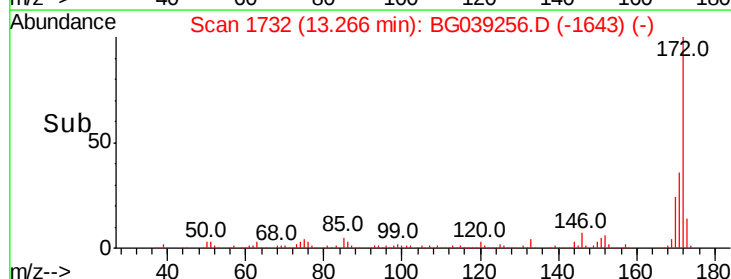


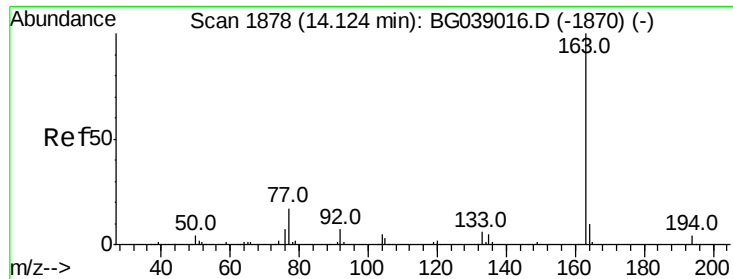
#45
 2-Fluorobiphenyl
 Concen: 83.313 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039256.D
 Acq: 22 Jan 2019 18:23

Tgt Ion:172 Resp: 291799
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.1 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





#50

Dimethylphthalate

Concen: 2.230 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG039256.D

Acq: 22 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

MANHOLE

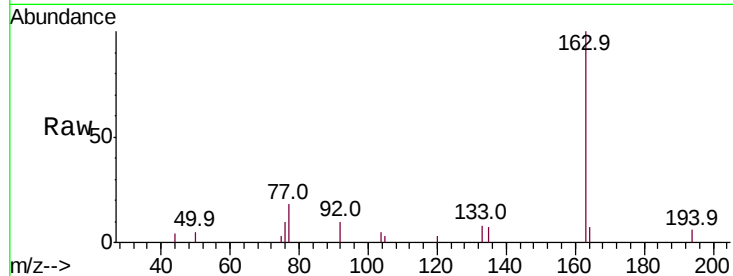
Tot Ion:163 Resp: 9034

Ion Ratio Lower Upper

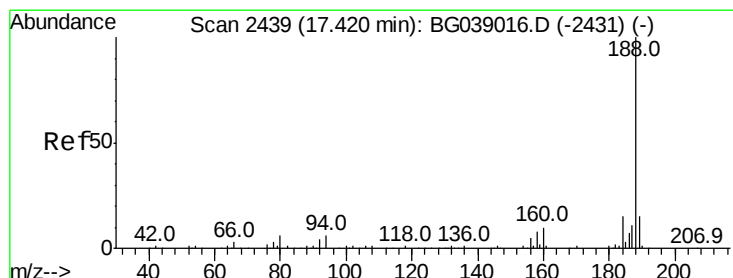
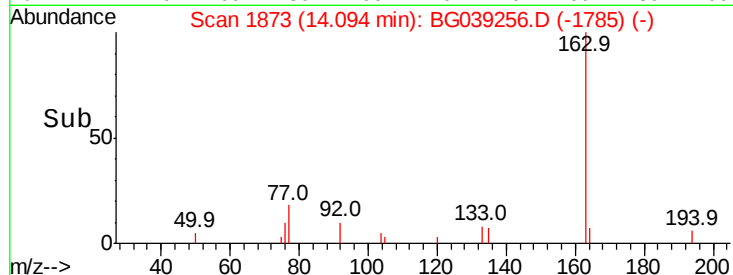
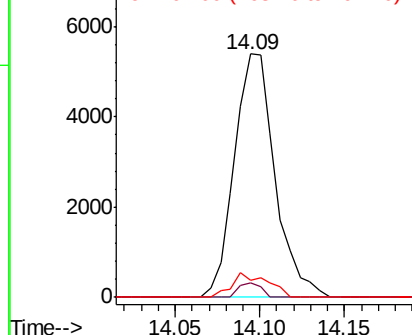
163 100

194 6.1 3.6 5.4#

164 6.9 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG039256.D

Acq: 22 Jan 2019 18:23

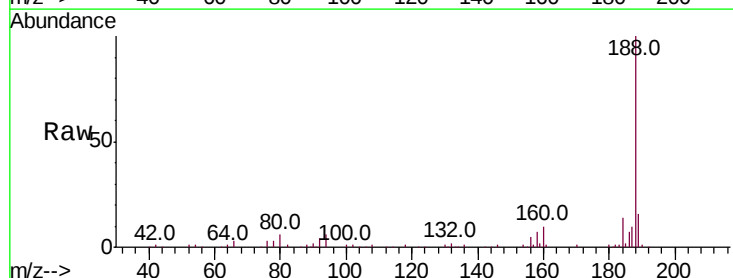
Tgt Ion:188 Resp: 113181

Ion Ratio Lower Upper

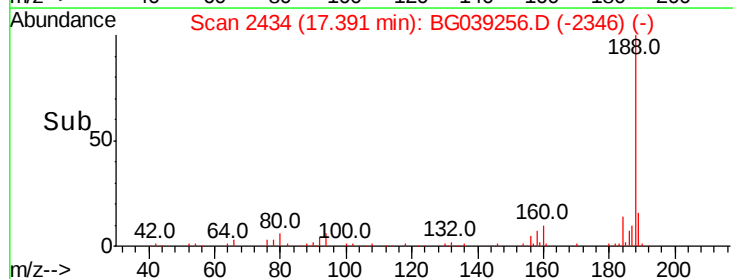
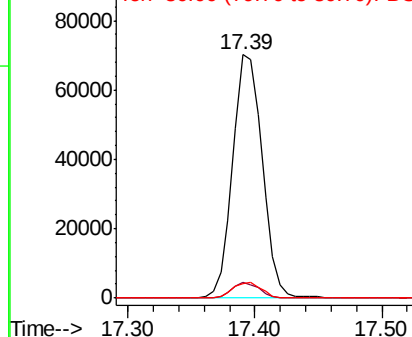
188 100

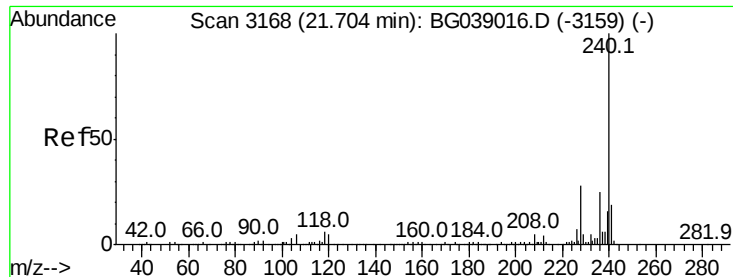
94 6.4 5.0 7.4

80 5.8 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: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG039256.D

Acq: 22 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

MANHOLE

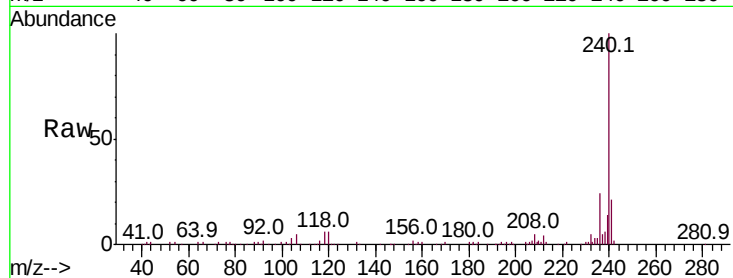
Tot Ion:240 Resp: 122130

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

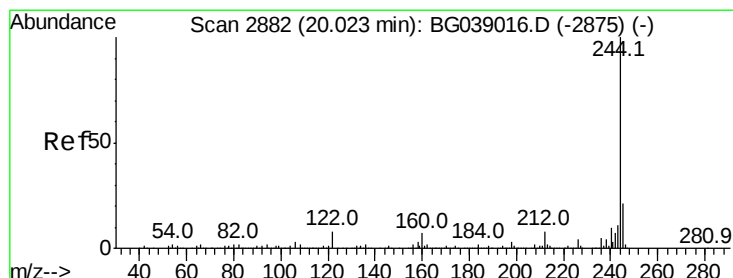
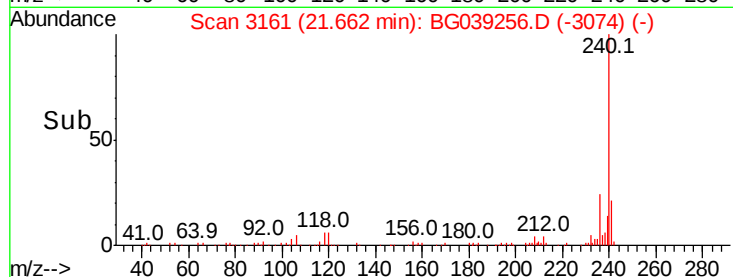
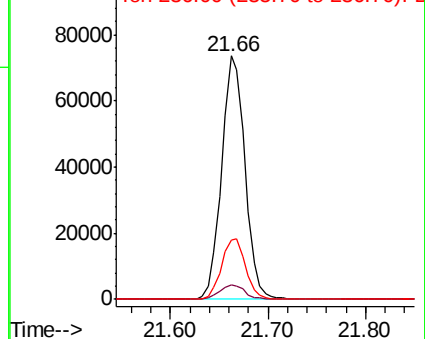
236 24.2 20.1 30.1



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: 78.454 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039256.D

Acq: 22 Jan 2019 18:23

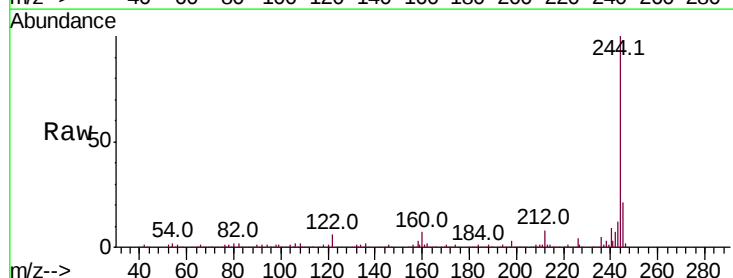
Tgt Ion:244 Resp: 517957

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

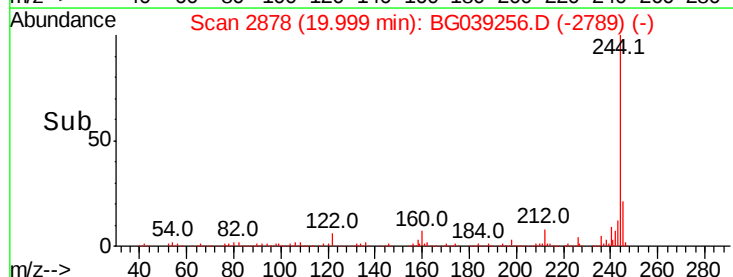
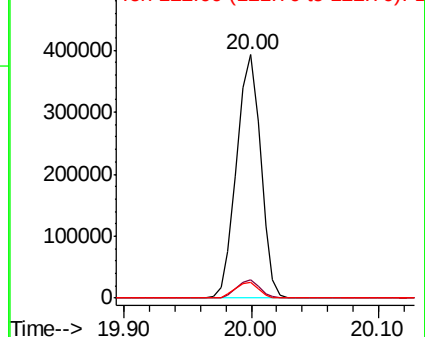
122 6.5 6.1 9.1

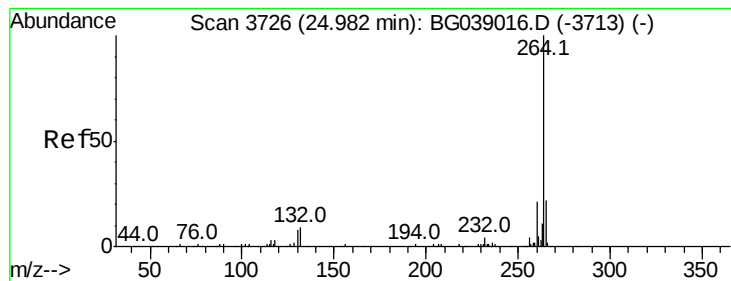


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039256.D

Acq: 22 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

MANHOLE

Tot Ion:264 Resp: 132079

Ion Ratio Lower Upper

264 100

260 22.6 17.0 25.6

265 21.6 17.2 25.8

