

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039037.D
 Acq On : 10 Jan 2019 1:42
 Operator : JU/SJ
 Sample : K1087-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-444-C

Quant Time: Jan 10 05:03:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

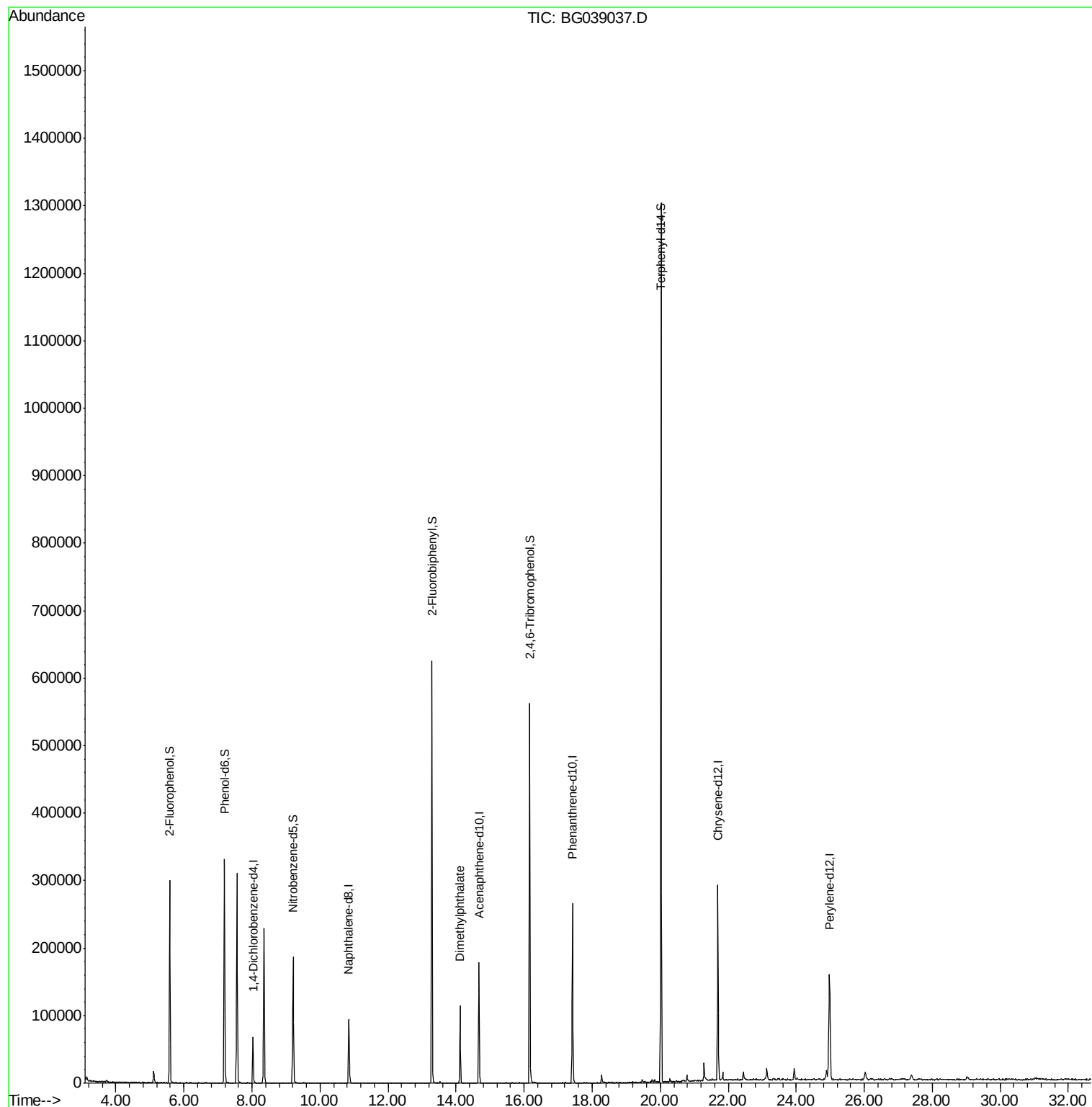
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21058	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	89917	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67604	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	182663	20.00	ng	0.00
76) Chrysene-d12	21.70	240	183794	20.00	ng	0.00
87) Perylene-d12	24.97	264	195412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	135629	122.18	ng	0.00
7) Phenol-d6	7.19	99	194655	121.85	ng	0.00
23) Nitrobenzene-d5	9.21	82	116972	71.18	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	124657	110.00	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	349154	70.68	ng	0.00
79) Terphenyl-d14	20.03	244	694186	69.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	82501	14.441	ng	Qvalue 100

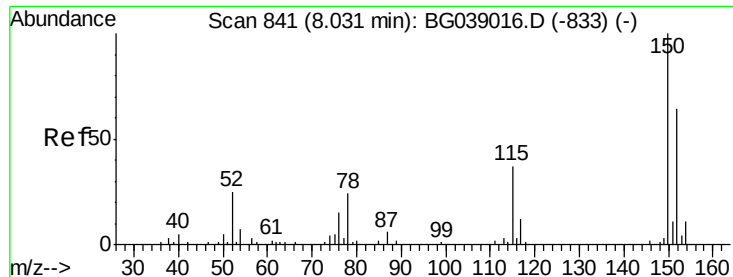
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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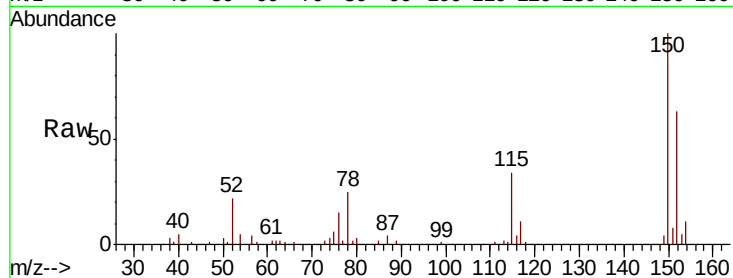


#1

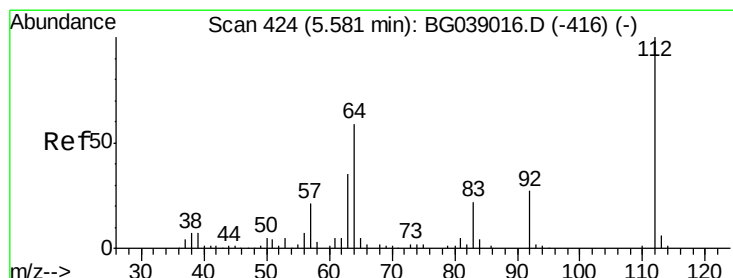
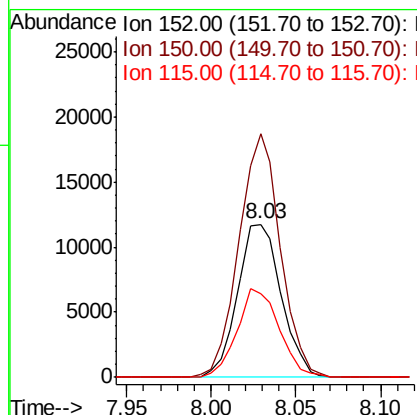
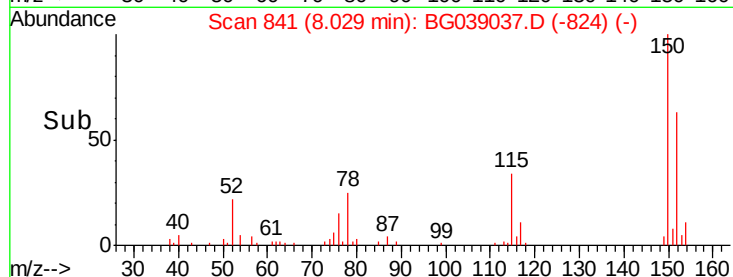
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampled :
MH-444-C

Tot Ion:152 Resp: 21058
Ion Ratio Lower Upper
152 100
150 159.4 124.7 187.1
115 54.5 46.5 69.7



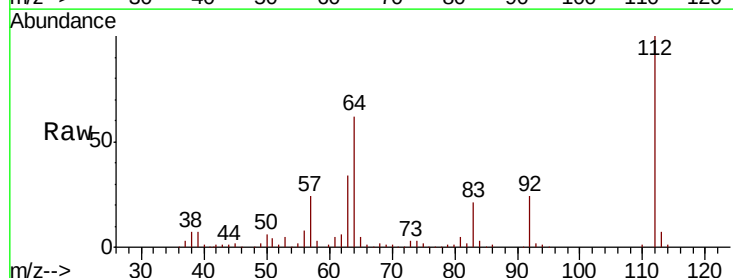
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



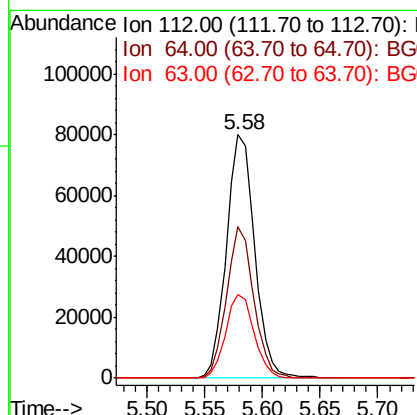
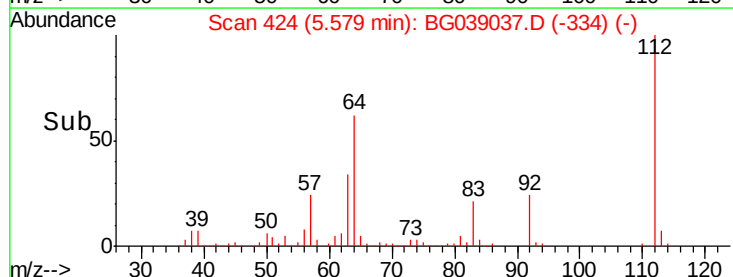
#5

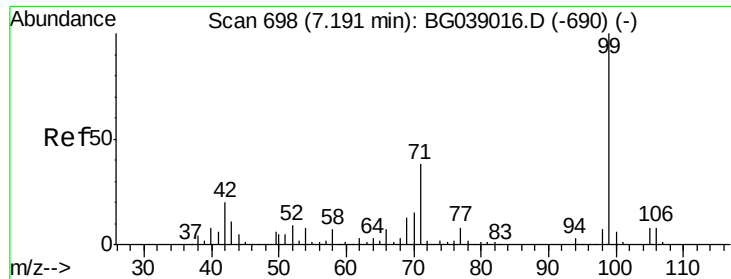
2-Fluorophenol
Concen: 122.180 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:112 Resp: 135629
Ion Ratio Lower Upper
112 100
64 62.5 47.0 70.6
63 34.4 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: 121.846 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampleId :

MH-444-C

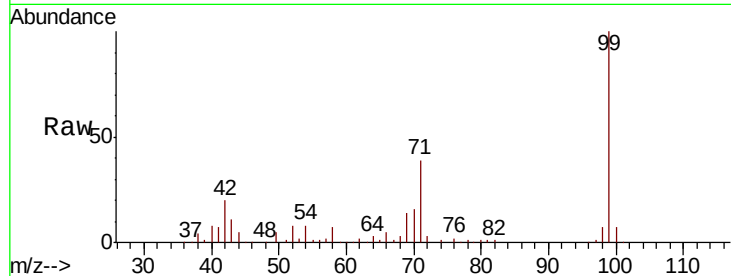
Tot Ion: 99 Resp: 194655

Ion Ratio Lower Upper

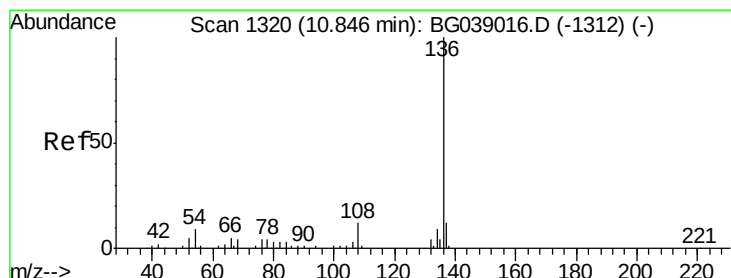
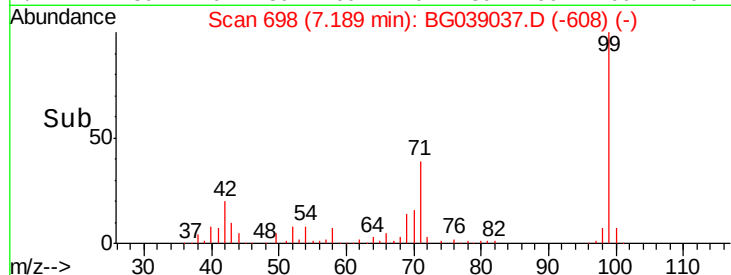
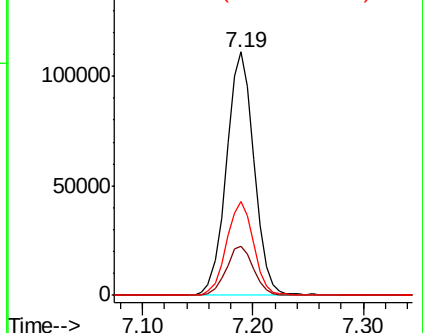
99 100

42 20.3 15.8 23.6

71 38.6 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: 10.85 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Tgt Ion: 136 Resp: 89917

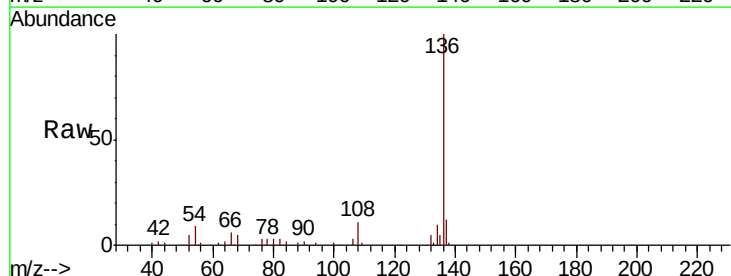
Ion Ratio Lower Upper

136 100

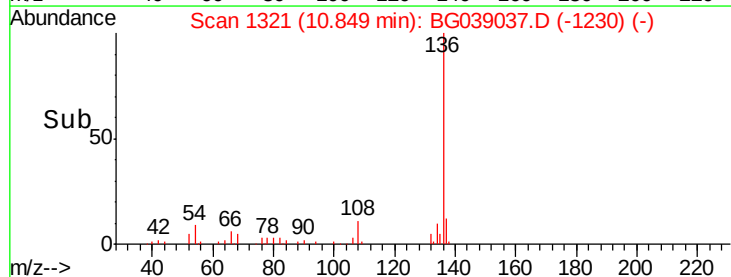
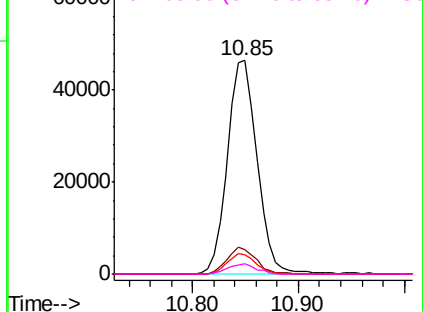
137 11.7 9.4 14.2

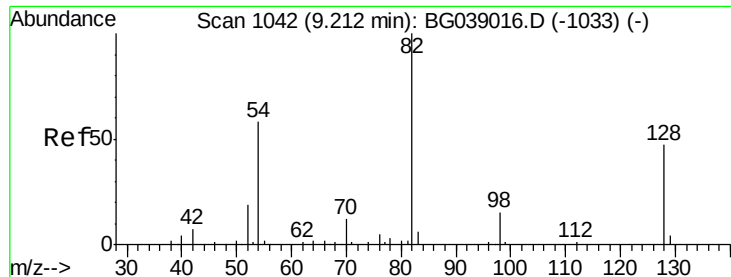
54 8.7 7.2 10.8

68 4.6 3.5 5.3



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

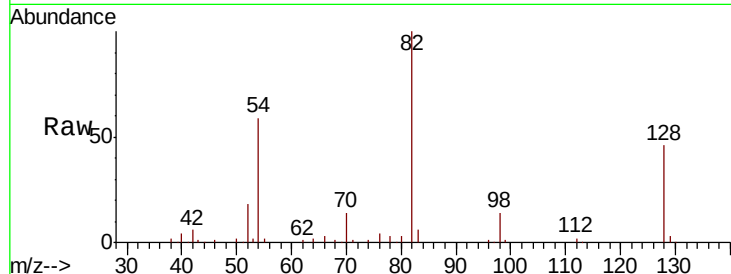




#23
Nitrobenzene-d5
Concen: 71.184 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampled :
MH-444-C

Tot Ion	82	Resp	116972
Ion Ratio	Lower	Upper	
82	100		
128	46.2	37.3	55.9
54	58.7	46.4	69.6

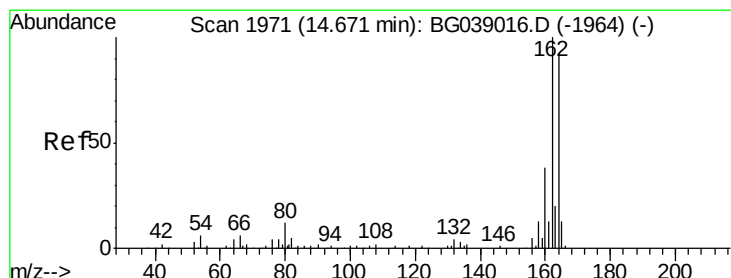
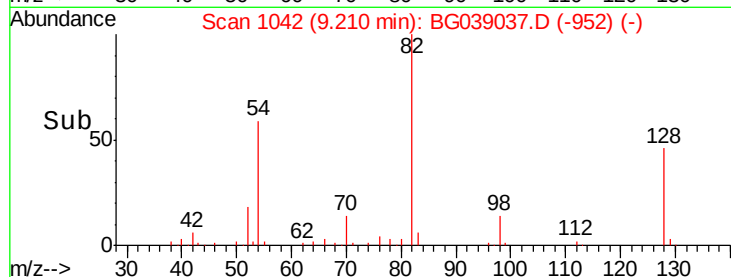
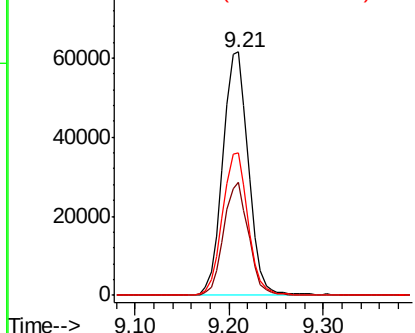


Abundance

Ion 82.00 (81.70 to 82.70): BGC

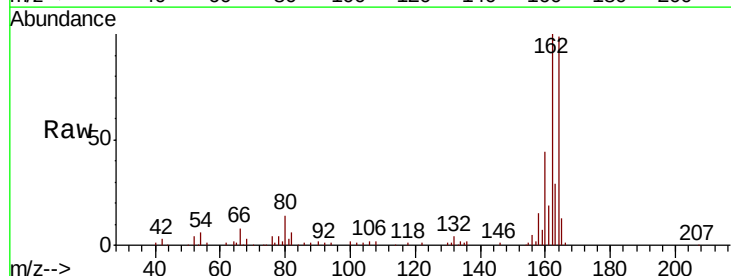
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion	164	Resp	67604
Ion Ratio	Lower	Upper	
164	100		
162	100.9	87.2	130.8
160	44.8	33.3	49.9

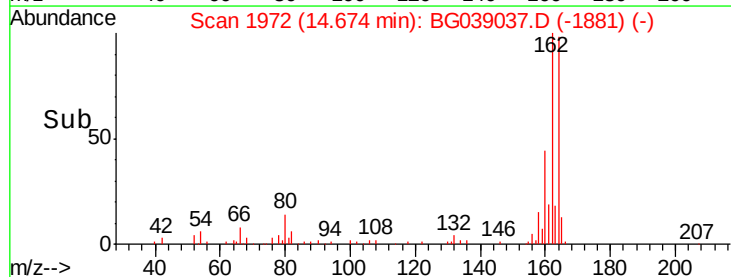
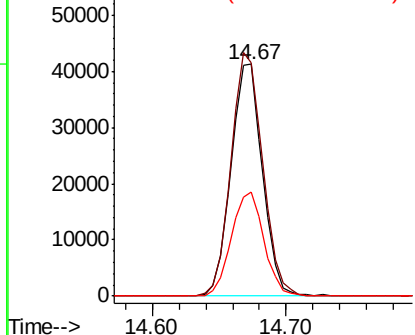


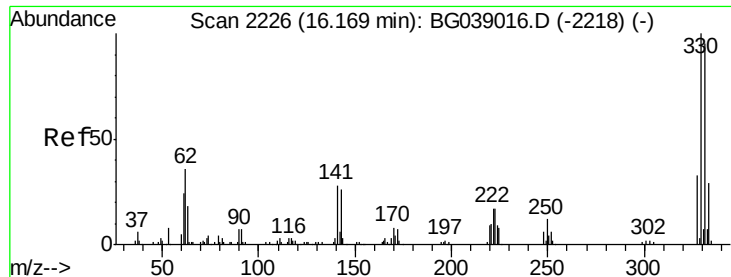
Abundance

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: 110.002 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampleId :

MH-444-C

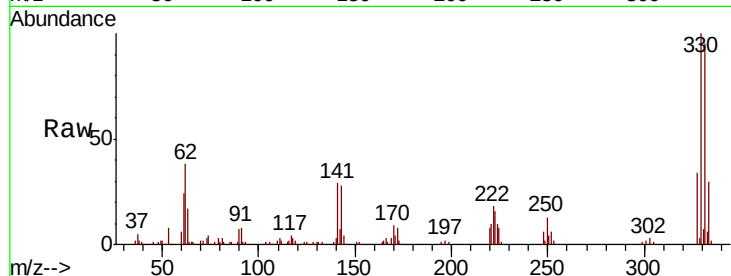
Tot Ion:330 Resp: 124657

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

141 31.6 24.9 37.3

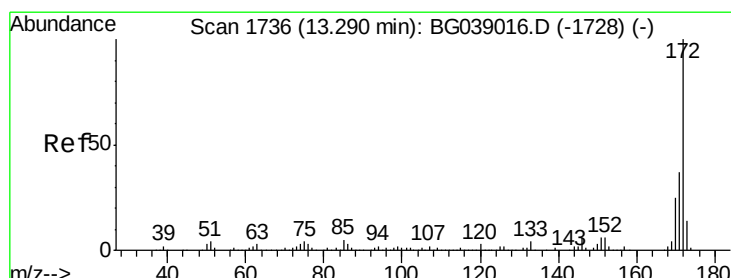
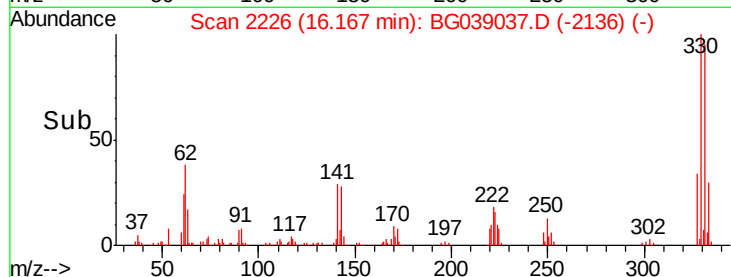
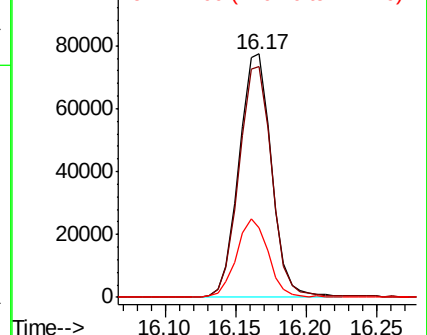


Abundance

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: 70.682 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

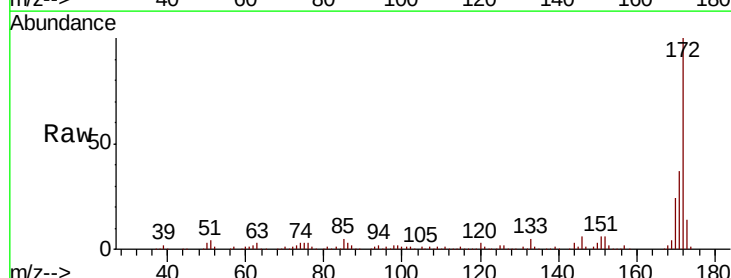
Tgt Ion:172 Resp: 349154

Ion Ratio Lower Upper

172 100

171 37.5 29.4 44.0

170 23.6 20.1 30.1

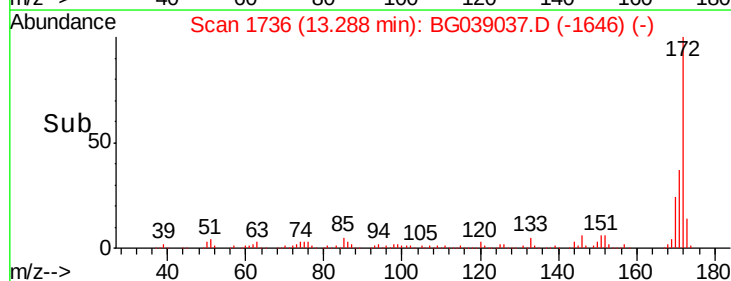
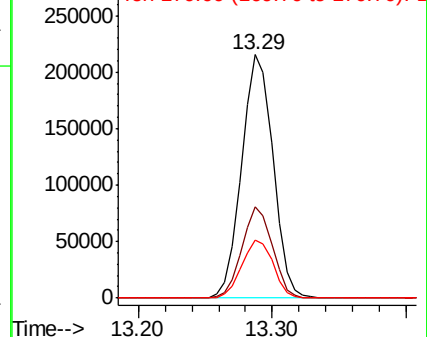


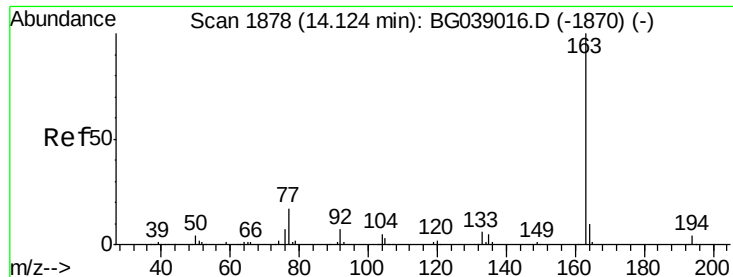
Abundance

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: 14.441 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampleId :

MH-444-C

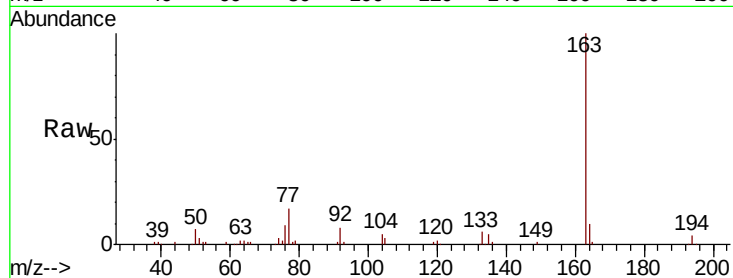
Tot Ion:163 Resp: 82501

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

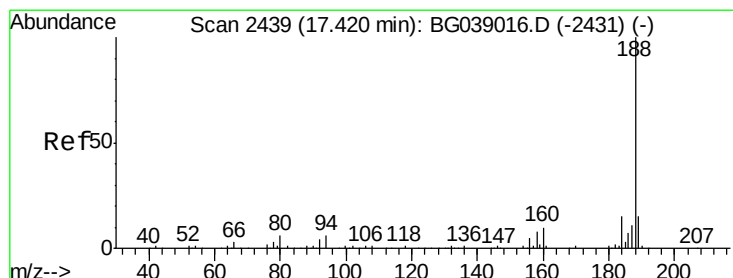
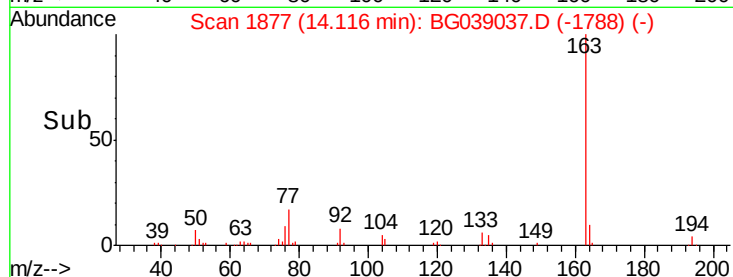
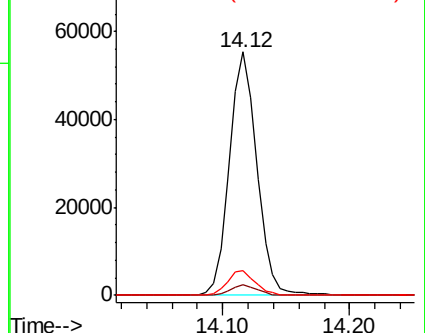
164 10.0 8.2 12.2



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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

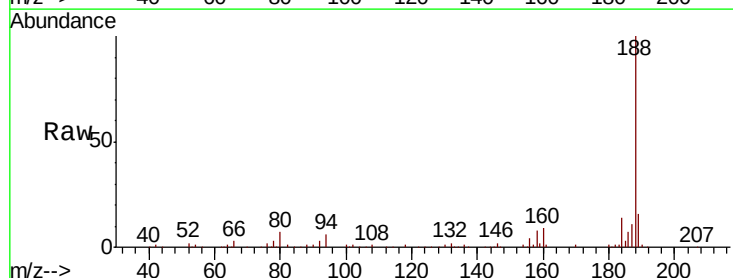
Tgt Ion:188 Resp: 182663

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

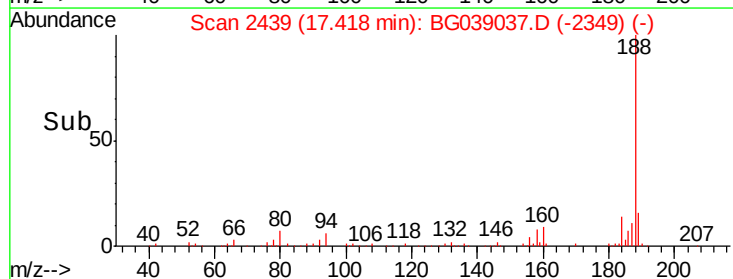
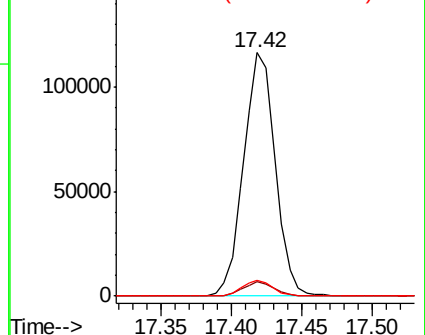
80 6.7 4.7 7.1

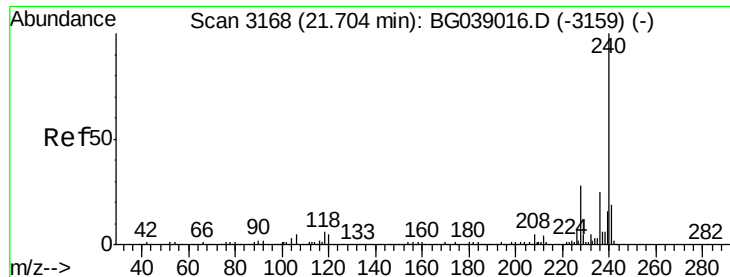


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampleId :

MH-444-C

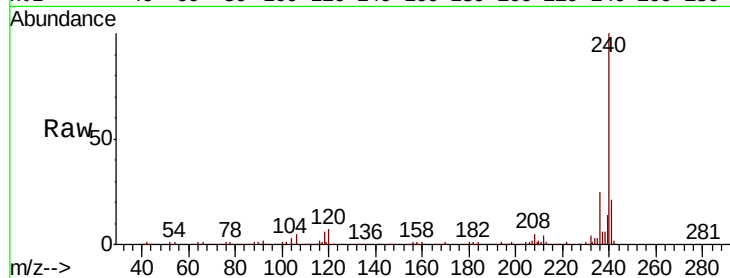
Tot Ion:240 Resp: 183794

Ion Ratio Lower Upper

240 100

120 6.7 4.3 6.5#

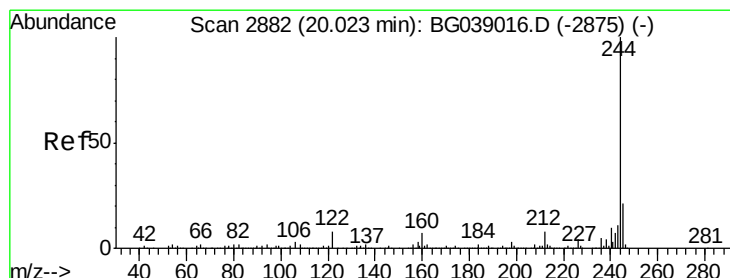
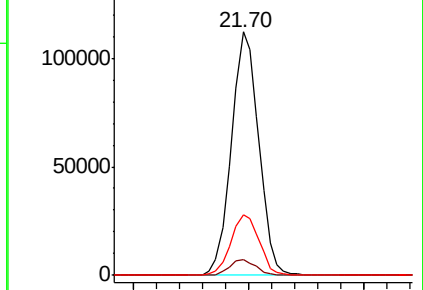
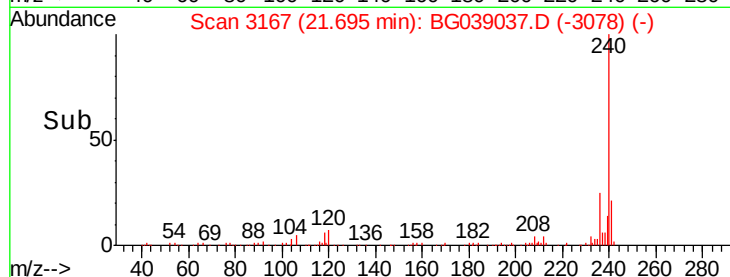
236 25.1 20.1 30.1



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: 69.870 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

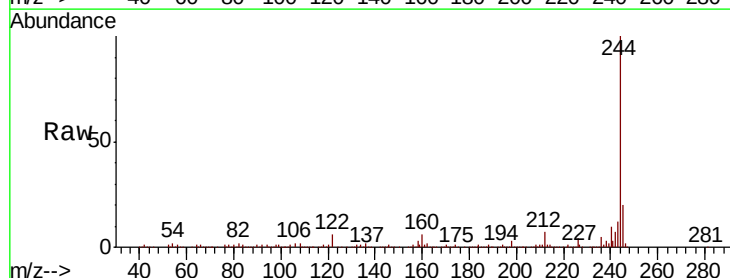
Tgt Ion:244 Resp: 694186

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

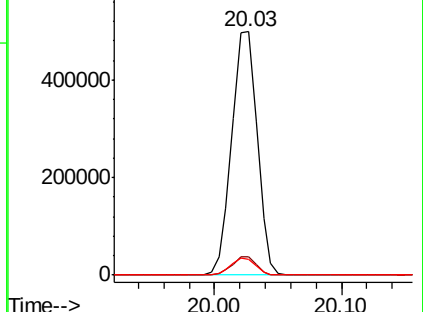
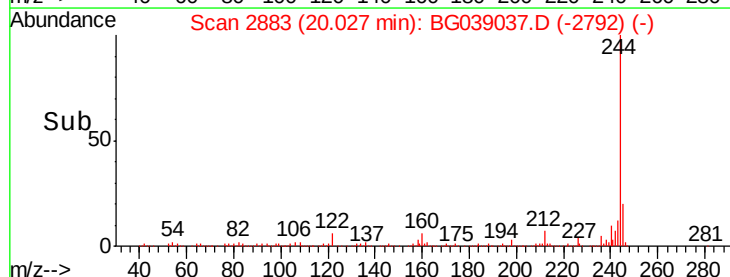
122 6.3 6.1 9.1

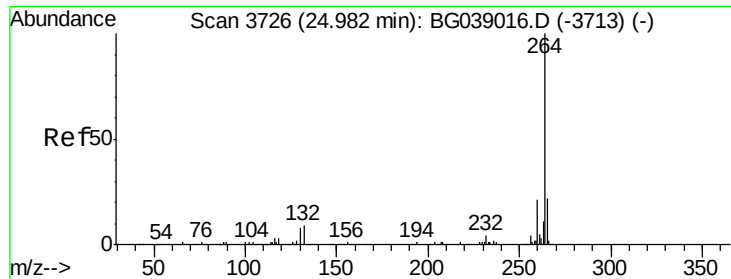


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.0	25.6
265	21.9	17.2	25.8

