

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039027.D
 Acq On : 9 Jan 2019 19:10
 Operator : JU/SJ
 Sample : K1082-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-1

Quant Time: Jan 10 04:42:26 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

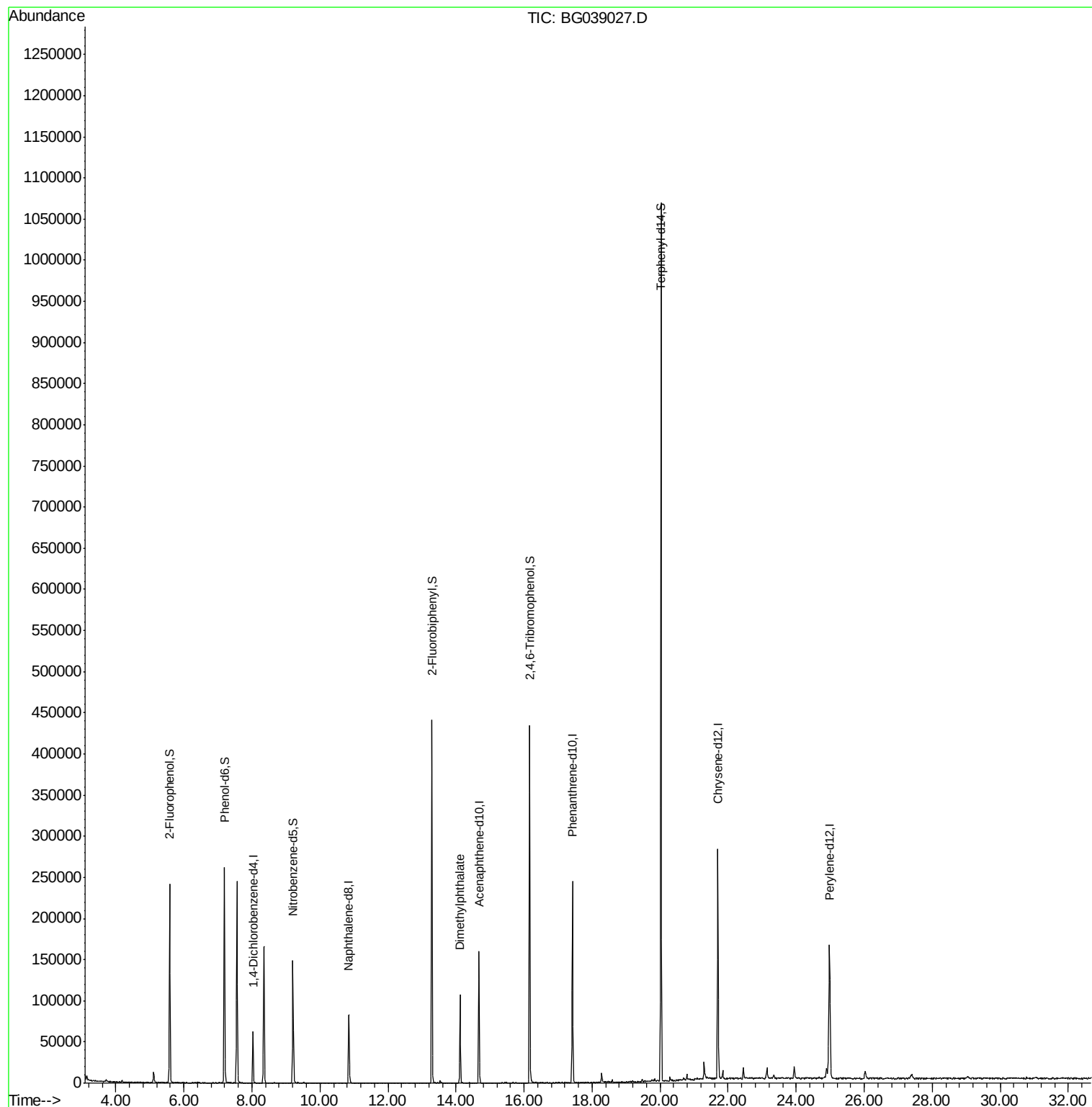
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18873	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	78749	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	59243	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	165966	20.00	ng	0.00
76) Chrysene-d12	21.70	240	183239	20.00	ng	0.00
87) Perylene-d12	24.97	264	195928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	106666	107.21	ng	0.00
7) Phenol-d6	7.19	99	154850	108.15	ng	0.00
23) Nitrobenzene-d5	9.21	82	91408	63.52	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	95565	96.23	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	247605	57.20	ng	0.00
79) Terphenyl-d14	20.02	244	549013	55.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	76871	15.355	ng	Qvalue 98

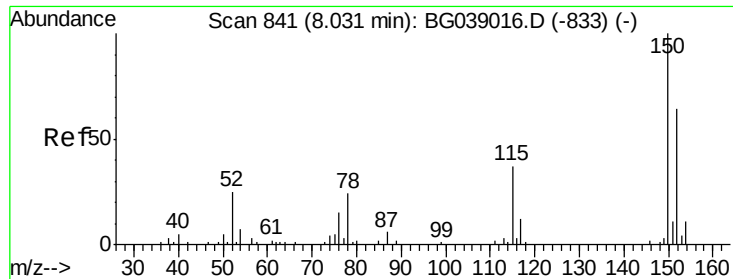
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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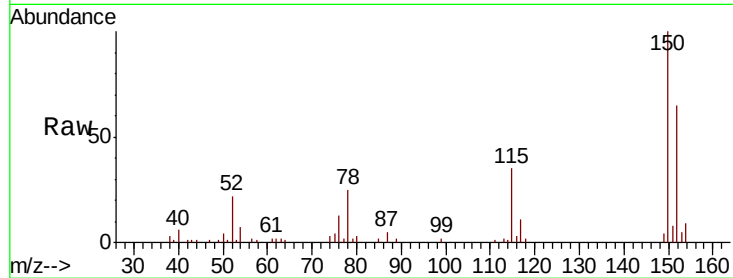


#1

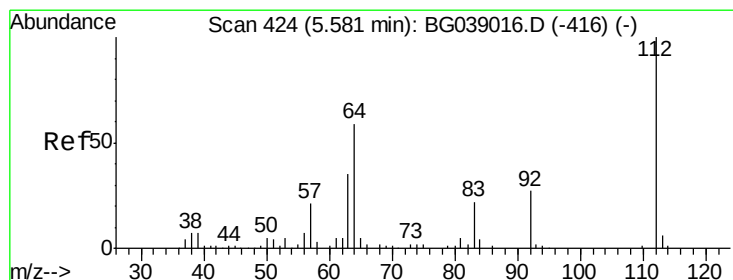
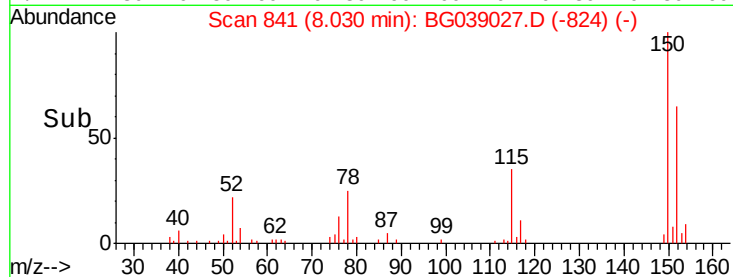
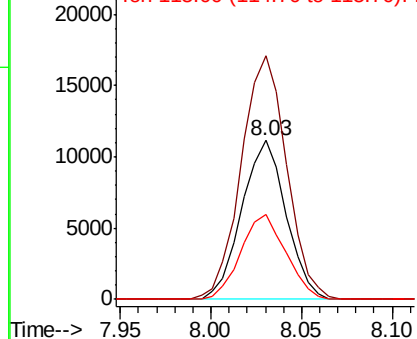
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Instrument :
BNA_G
ClientSampled :
SP-1-1

Tot Ion:152 Resp: 18873
Ion Ratio Lower Upper
152 100
150 153.2 124.7 187.1
115 53.7 46.5 69.7



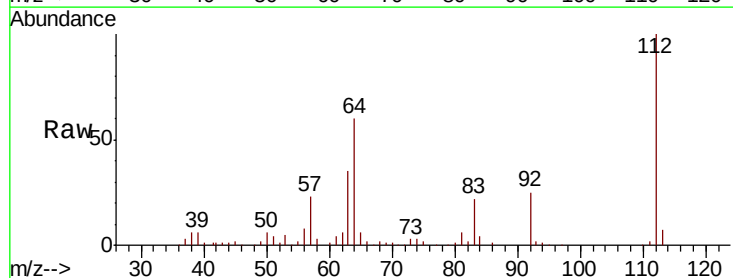
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



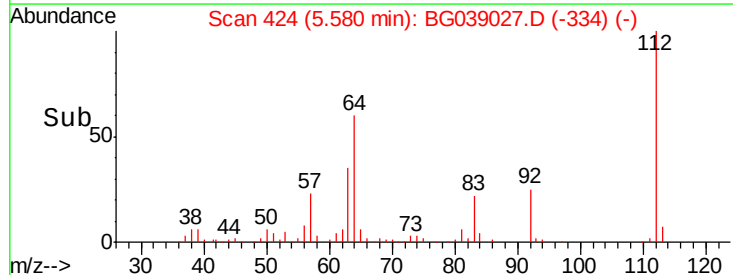
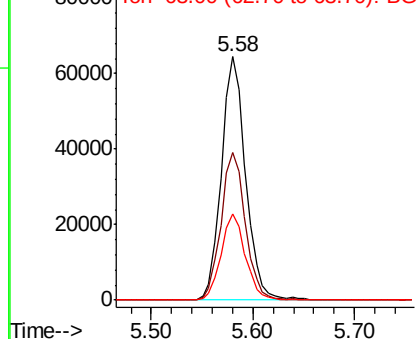
#5

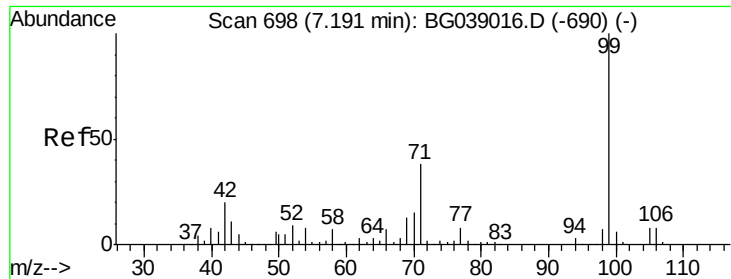
2-Fluorophenol
Concen: 107.213 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion:112 Resp: 106666
Ion Ratio Lower Upper
112 100
64 60.4 47.0 70.6
63 35.2 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: 108.152 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampleId :

SP-1-1

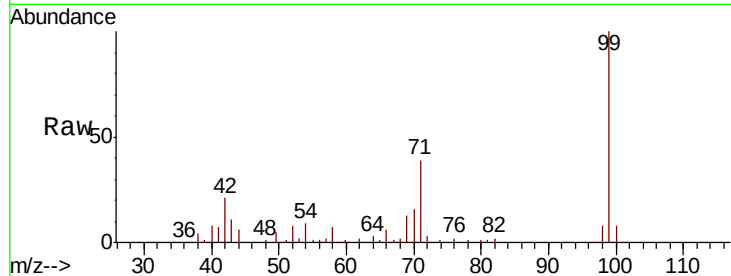
Tot Ion: 99 Resp: 154850

Ion Ratio Lower Upper

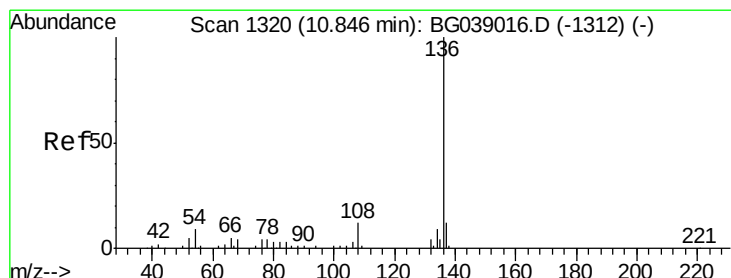
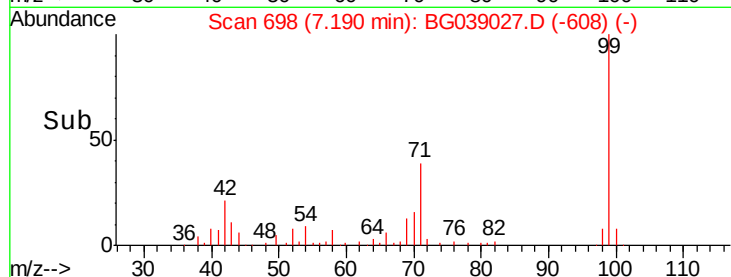
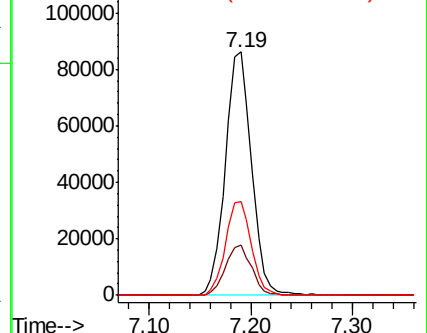
99 100

42 20.9 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: BG039027.D

Acq: 9 Jan 2019 19:10

Tgt Ion:136 Resp: 78749

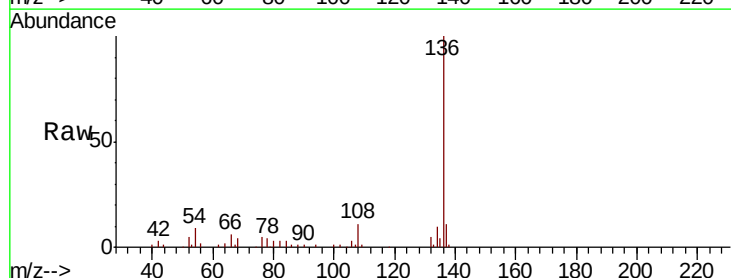
Ion Ratio Lower Upper

136 100

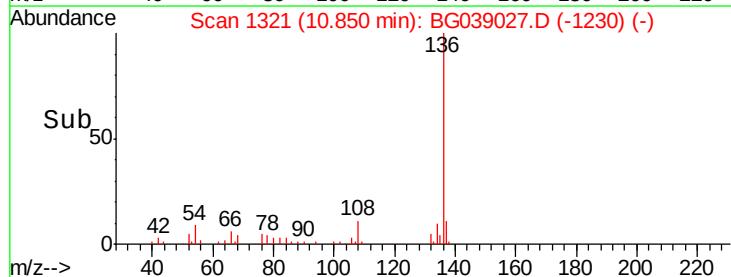
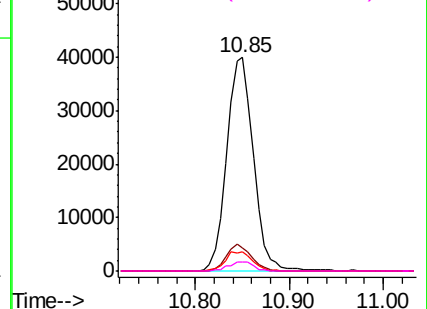
137 10.5 9.4 14.2

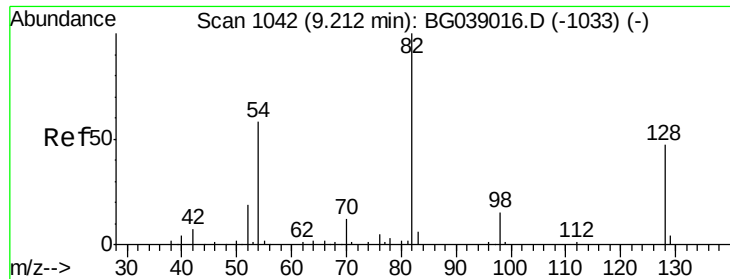
54 8.7 7.2 10.8

68 4.3 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

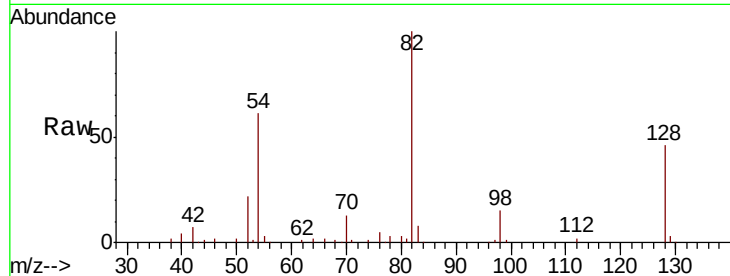




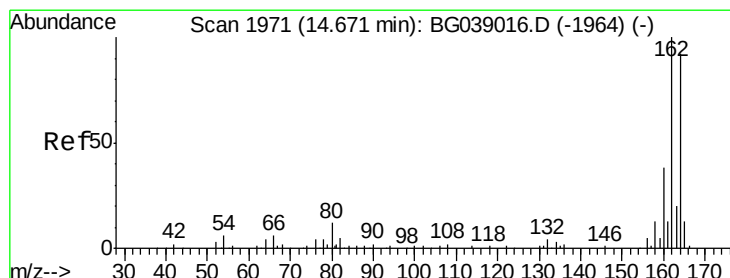
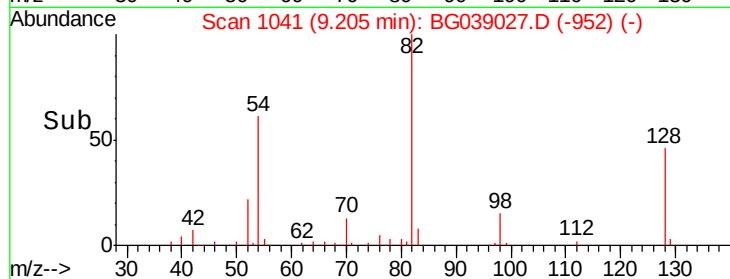
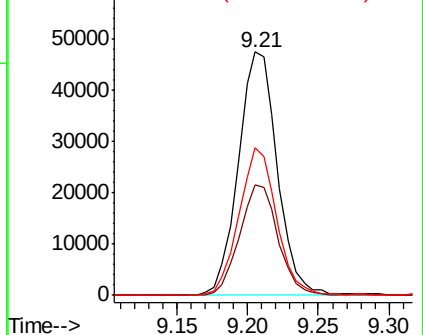
#23
Nitrobenzene-d5
Concen: 63.516 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Instrument :
BNA_G
ClientSampleId :
SP-1-1

Tot Ion: 82 Resp: 91408
Ion Ratio Lower Upper
82 100
128 45.6 37.3 55.9
54 60.6 46.4 69.6

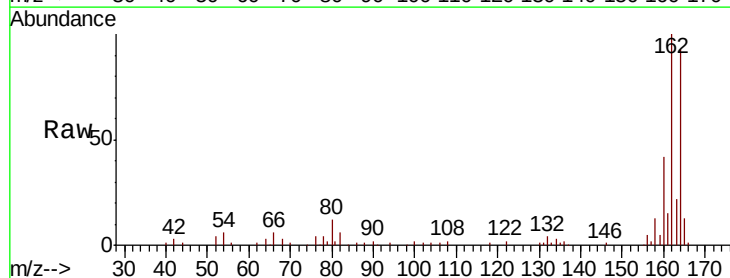


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

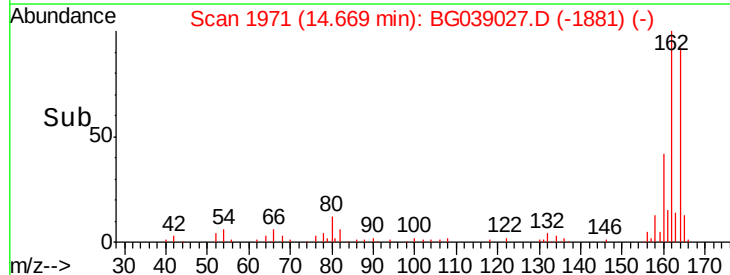
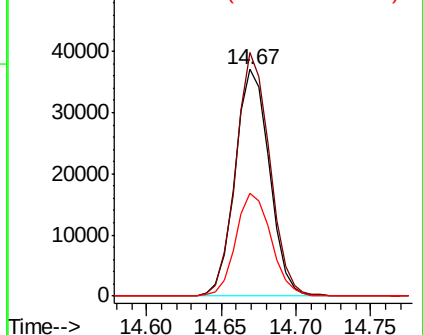


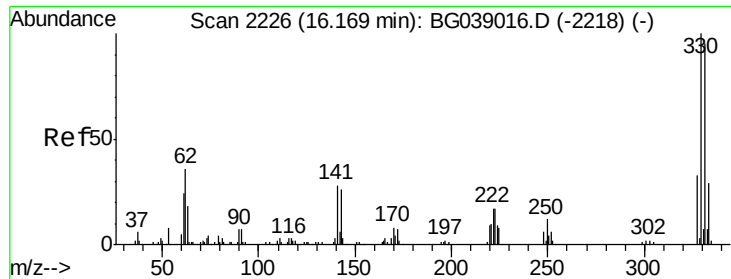
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion:164 Resp: 59243
Ion Ratio Lower Upper
164 100
162 107.5 87.2 130.8
160 45.2 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: 96.231 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampleId :

SP-1-1

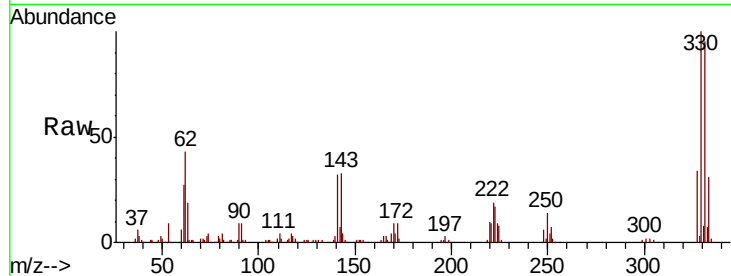
Tot Ion:330 Resp: 95565

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

141 31.4 24.9 37.3

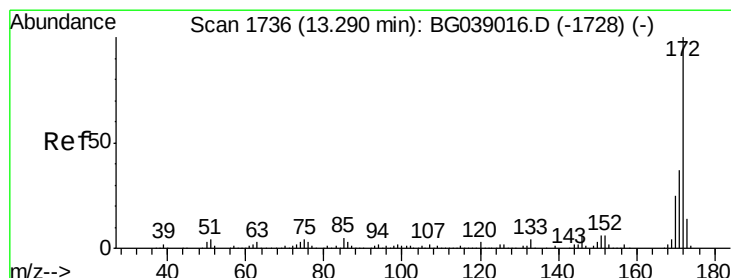
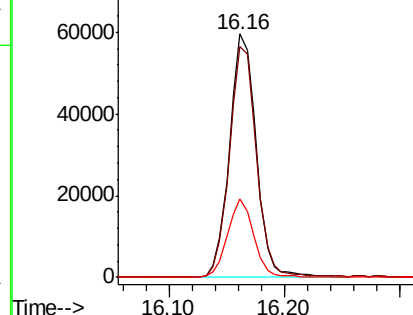
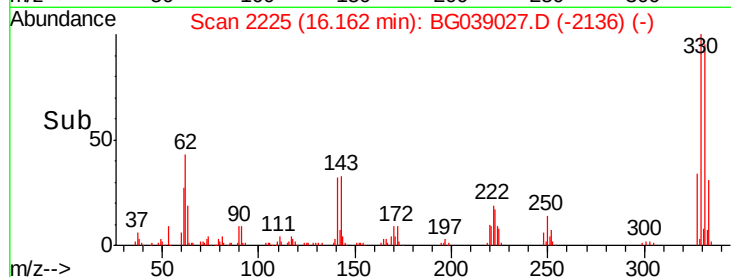


Abundance

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: 57.199 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

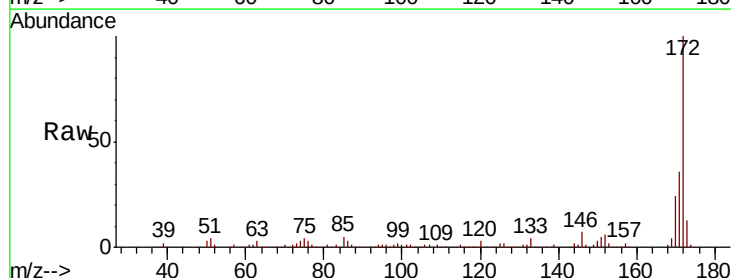
Tgt Ion:172 Resp: 247605

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

170 24.2 20.1 30.1

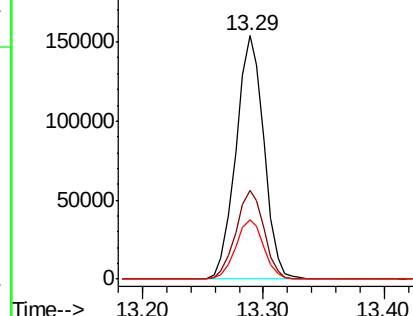
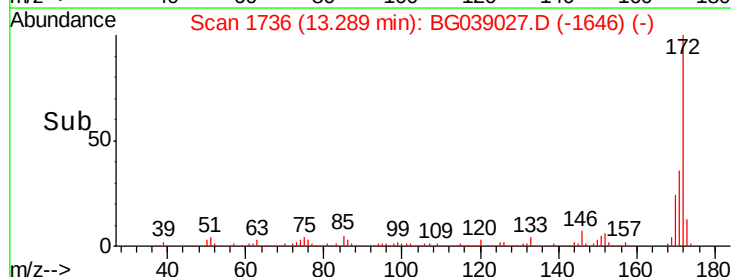


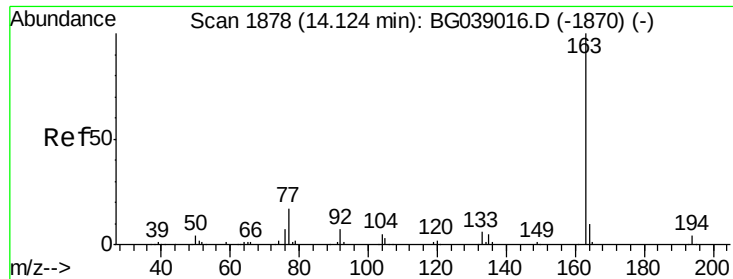
Abundance

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

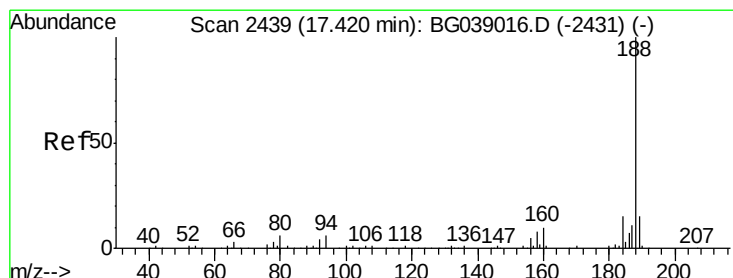
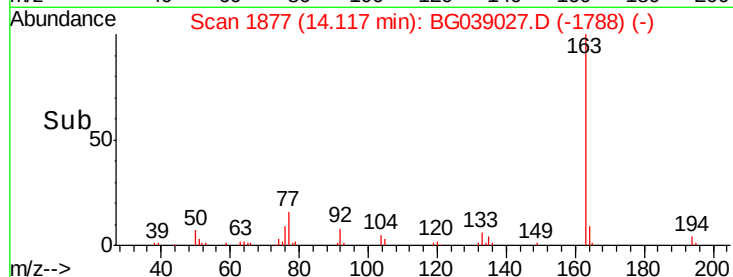
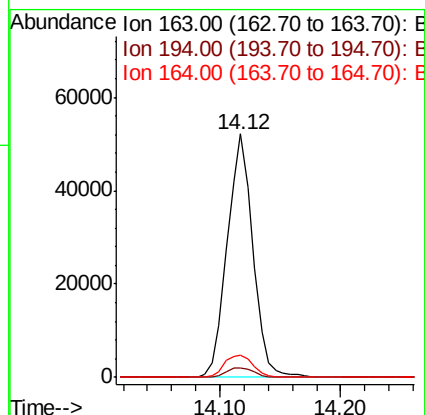
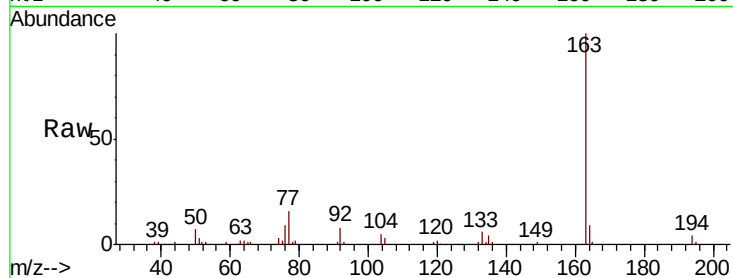




#50
Dimethylphthalate
Concen: 15.355 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

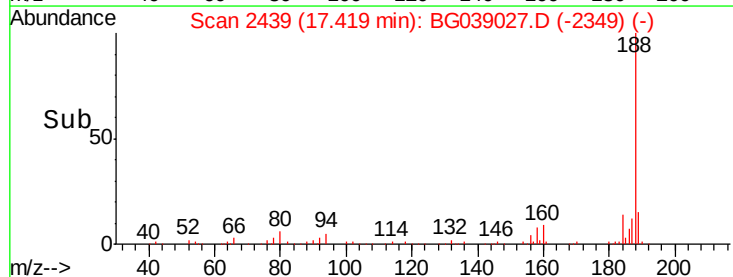
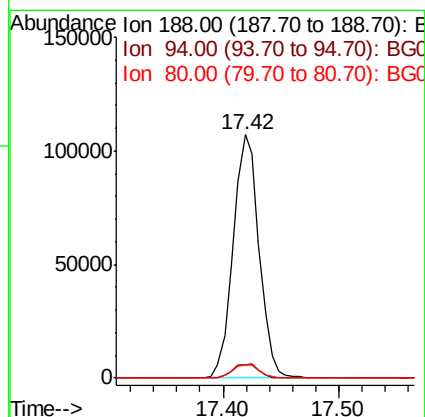
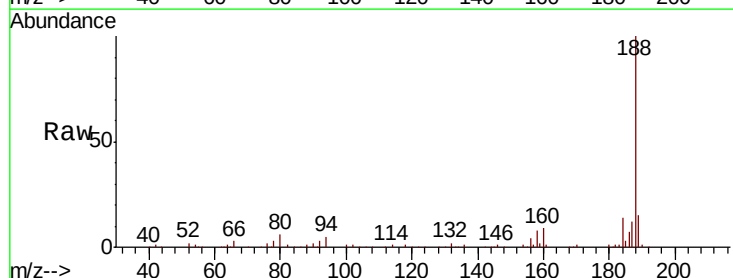
Instrument :
BNA_G
ClientSampleId :
SP-1-1

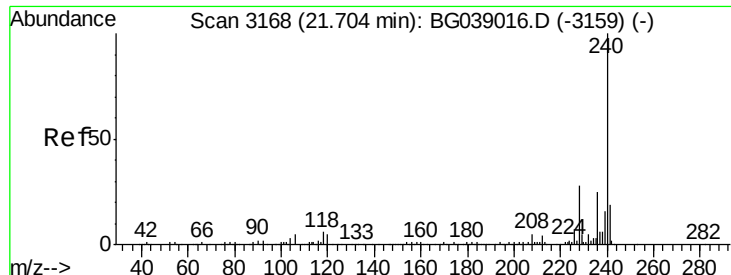
Tot Ion:163 Resp: 76871
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 9.3 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion:188 Resp: 165966
Ion Ratio Lower Upper
188 100
94 5.4 5.0 7.4
80 5.5 4.7 7.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampleID :

SP-1-1

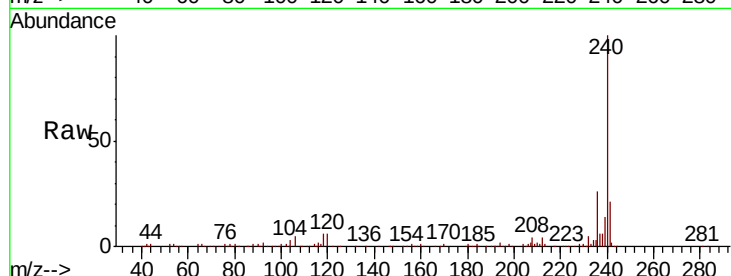
Tot Ion:240 Resp: 183239

Ion Ratio Lower Upper

240 100

120 6.4 4.3 6.5

236 25.9 20.1 30.1

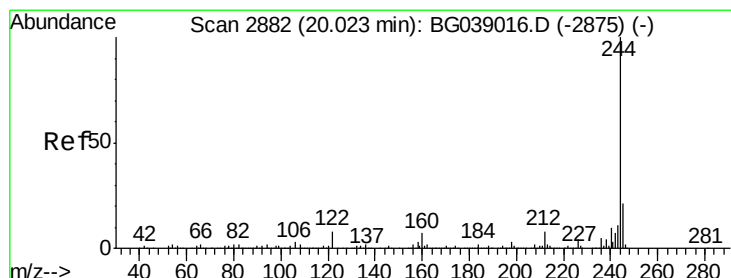
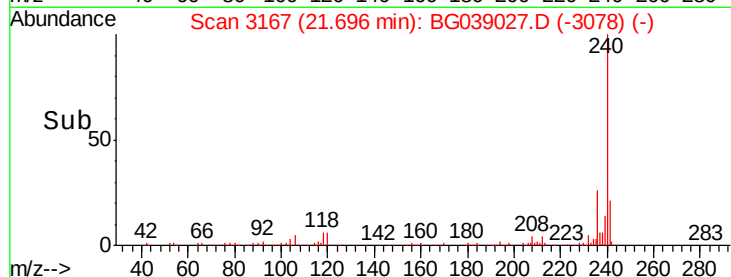
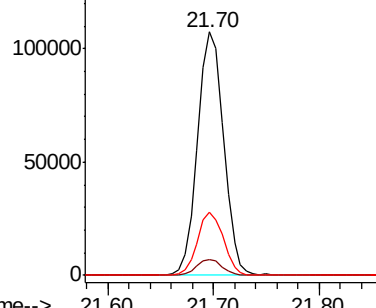


Abundance

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: 55.426 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

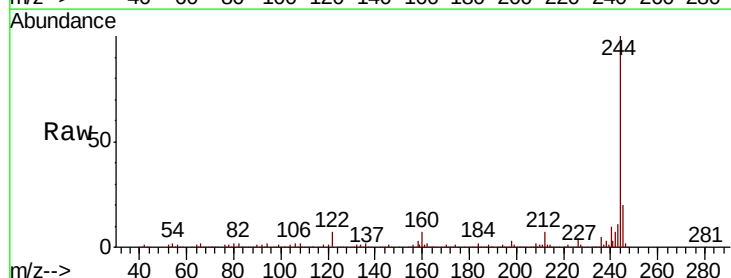
Tgt Ion:244 Resp: 549013

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 7.1 6.1 9.1

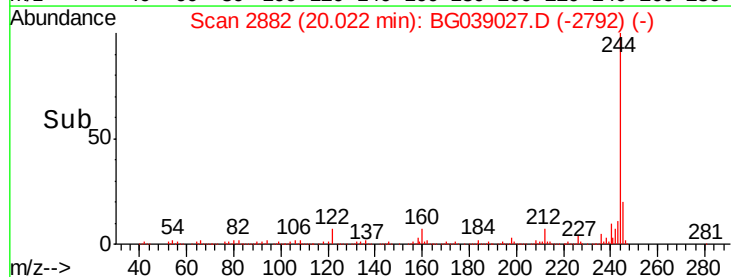
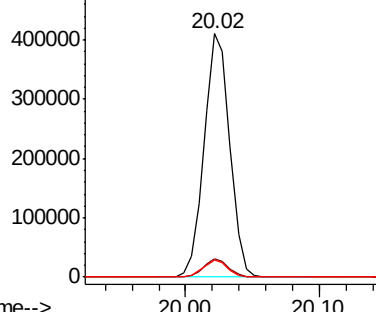


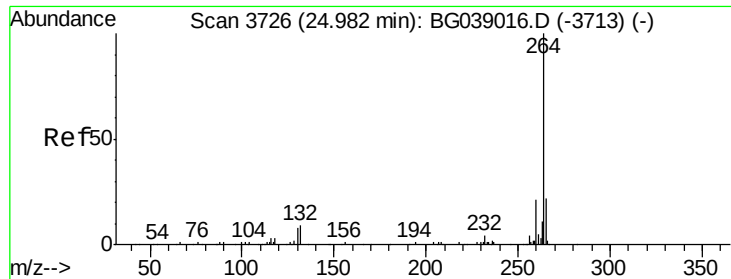
Abundance

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: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampleId :

SP-1-1

Tot Ion:264 Resp: 195928

Ion Ratio Lower Upper

264 100

260 21.1 17.0 25.6

265 20.6 17.2 25.8

