

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039082.D
 Acq On : 11 Jan 2019 10:20
 Operator : JU/SJ
 Sample : K1082-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-5

Quant Time: Jan 11 12:31:34 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

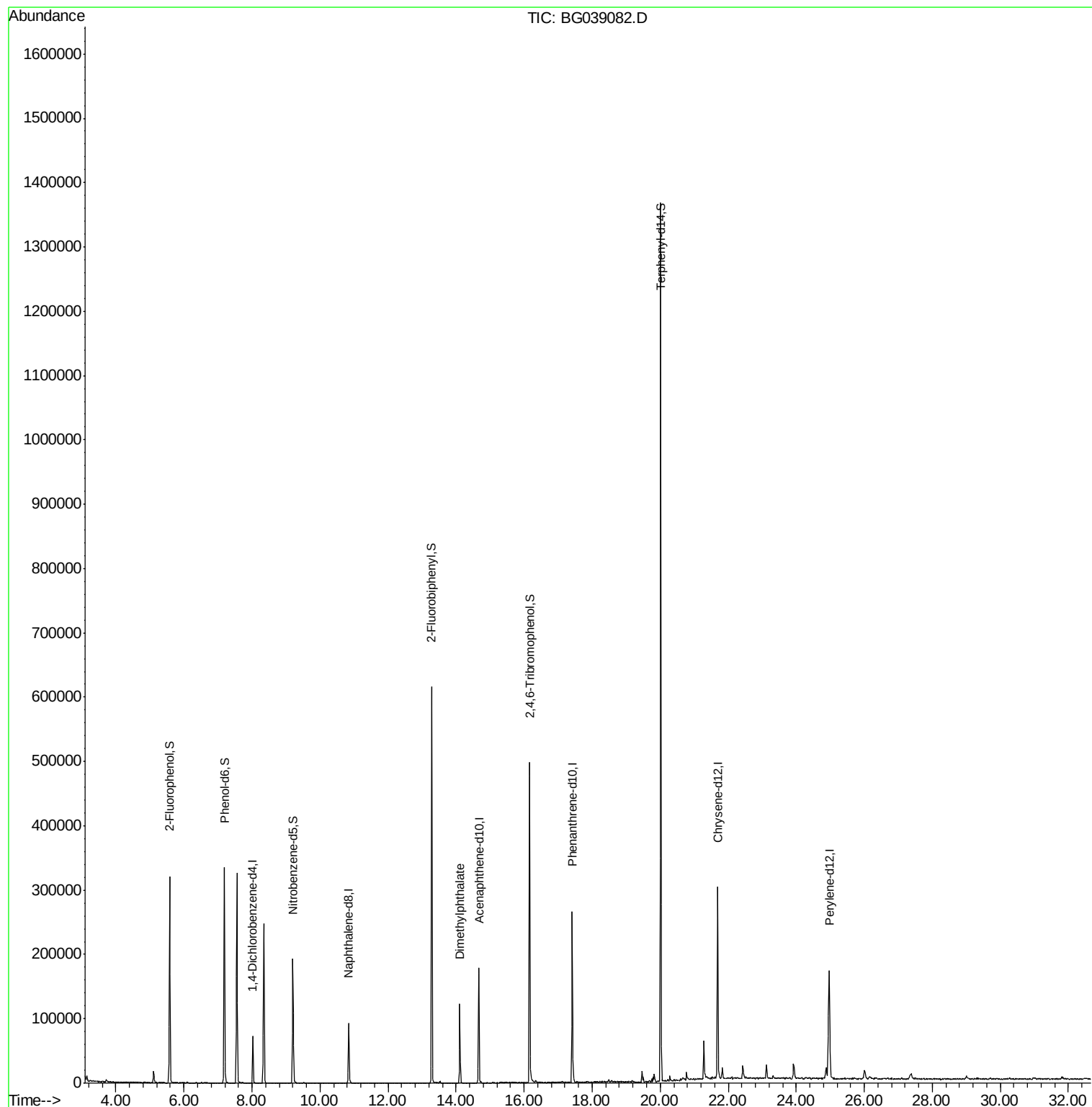
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21810	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	90077	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66834	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	180738	20.00	ng	0.00
76) Chrysene-d12	21.69	240	192177	20.00	ng	-0.01
87) Perylene-d12	24.97	264	209028	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	148427	129.10	ng	0.00
7) Phenol-d6	7.19	99	204325	123.49	ng	0.00
23) Nitrobenzene-d5	9.20	82	118577	72.03	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	122529	109.37	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	343795	70.40	ng	0.00
79) Terphenyl-d14	20.02	244	709819	68.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	90165	15.965	ng	Qvalue 98

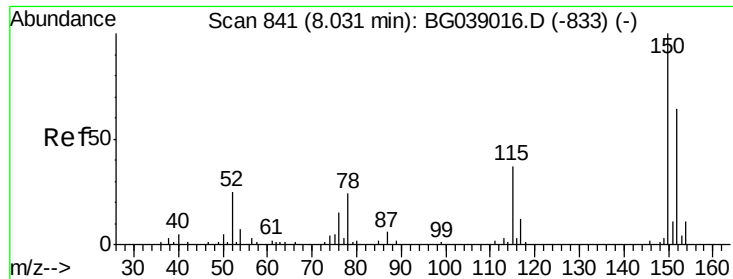
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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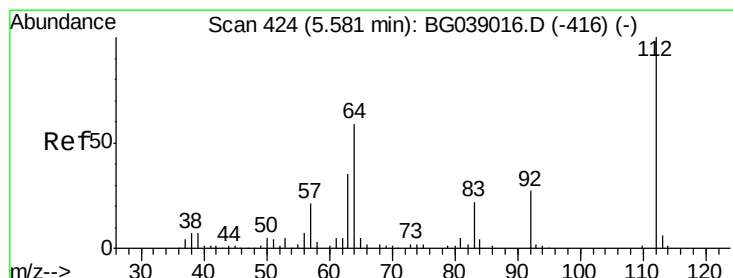
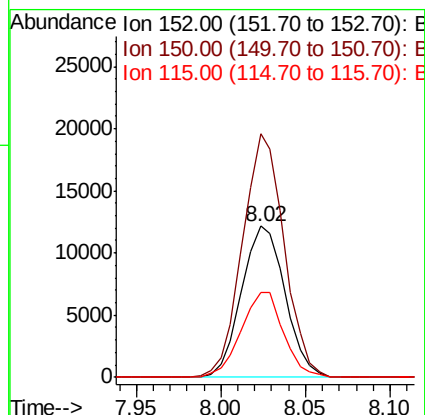
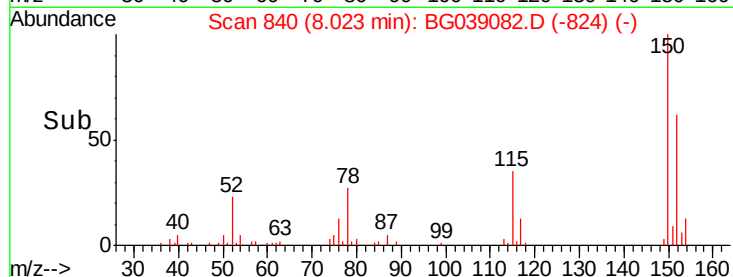
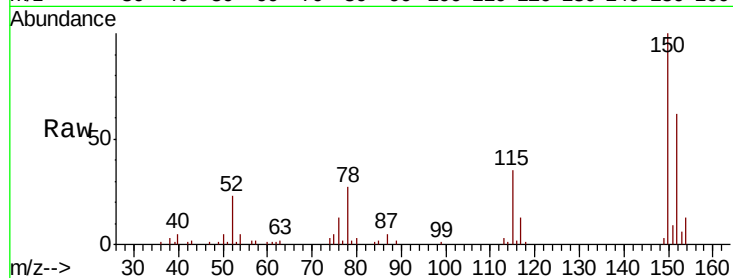


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039082.D
Acq: 11 Jan 2019 10:20

Instrument :
BNA_G
ClientSampled :
SP-1-5

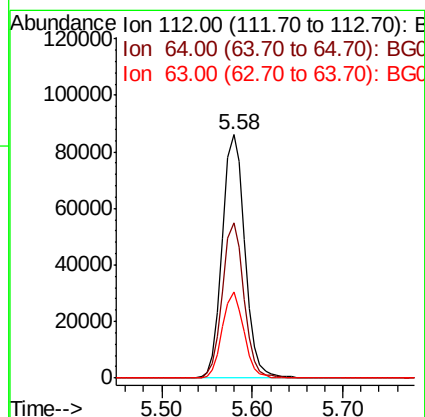
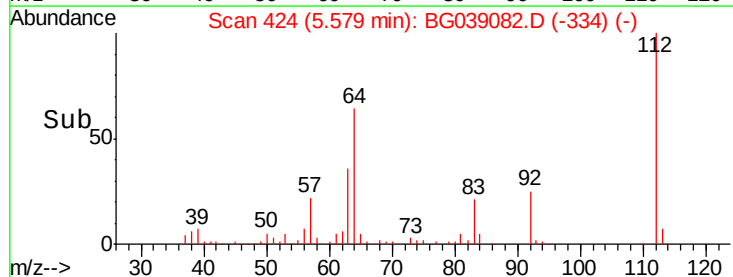
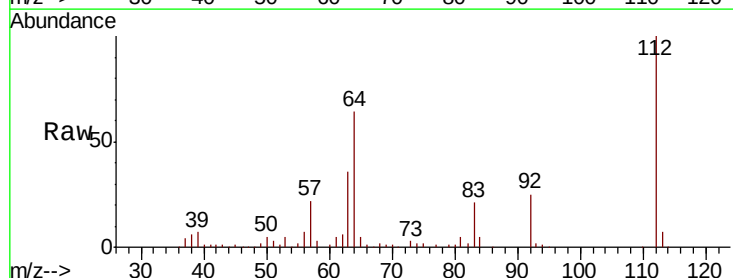
Tot Ion:152 Resp: 21810
Ion Ratio Lower Upper
152 100
150 161.2 124.7 187.1
115 56.4 46.5 69.7

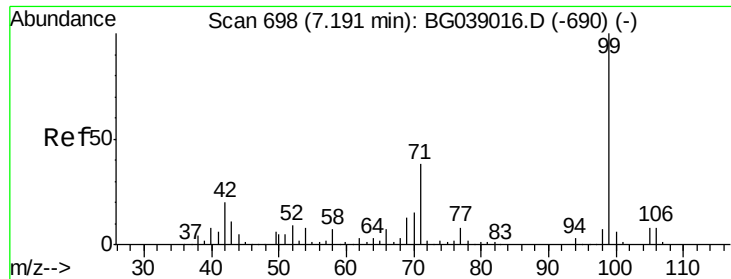


#5

2-Fluorophenol
Concen: 129.098 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039082.D
Acq: 11 Jan 2019 10:20

Tgt Ion:112 Resp: 148427
Ion Ratio Lower Upper
112 100
64 63.8 47.0 70.6
63 35.5 28.0 42.0





#7

Phenol-d6

Concen: 123.489 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039082.D

Acq: 11 Jan 2019 10:20

Instrument :

BNA_G

ClientSampled :

SP-1-5

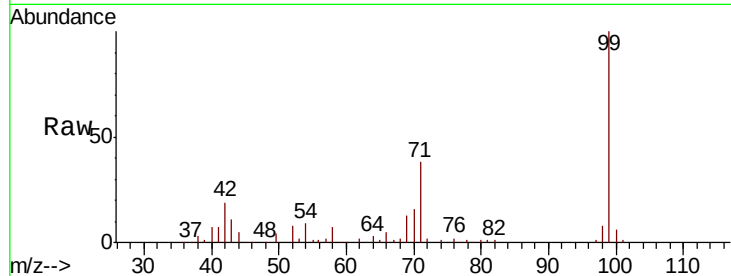
Tot Ion: 99 Resp: 204325

Ion Ratio Lower Upper

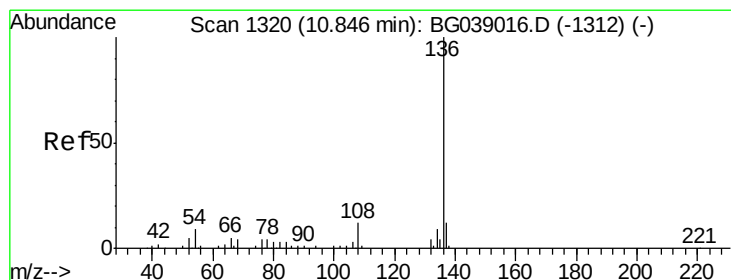
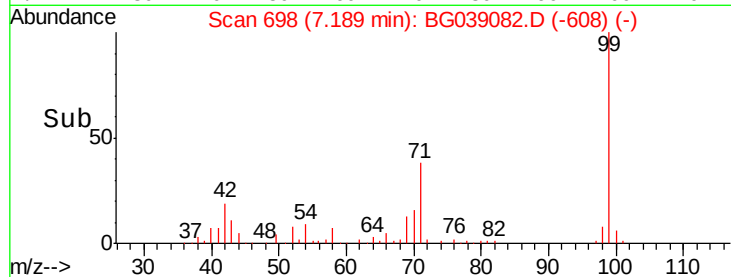
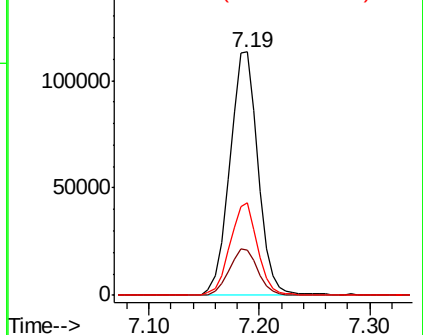
99 100

42 18.8 15.8 23.6

71 38.1 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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039082.D

Acq: 11 Jan 2019 10:20

Tgt Ion: 136 Resp: 90077

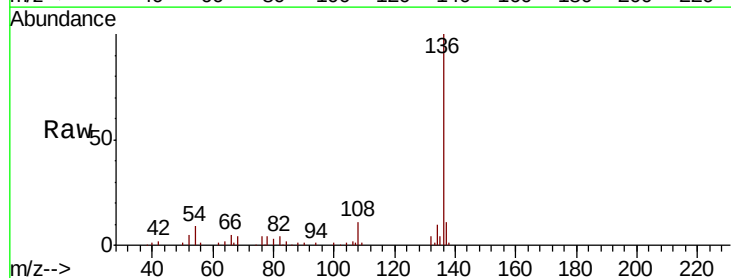
Ion Ratio Lower Upper

136 100

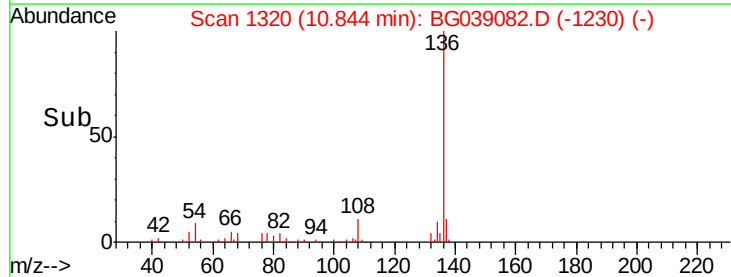
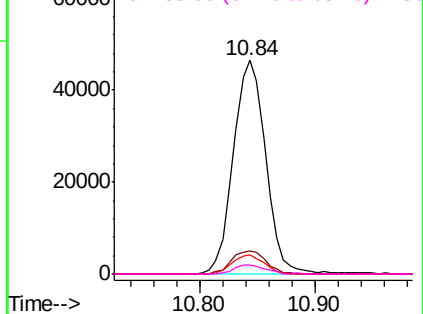
137 11.1 9.4 14.2

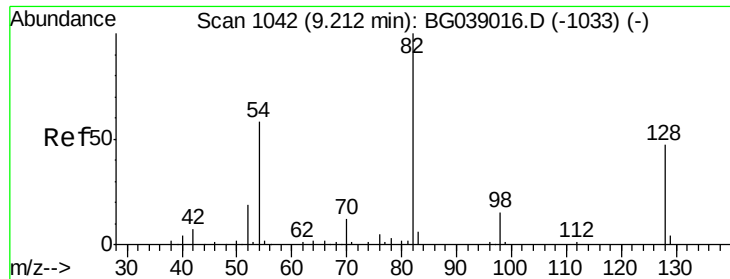
54 8.8 7.2 10.8

68 4.0 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

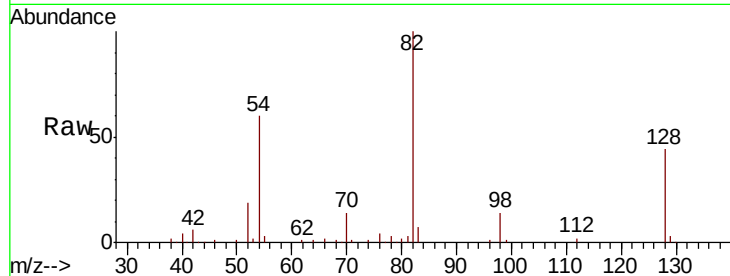




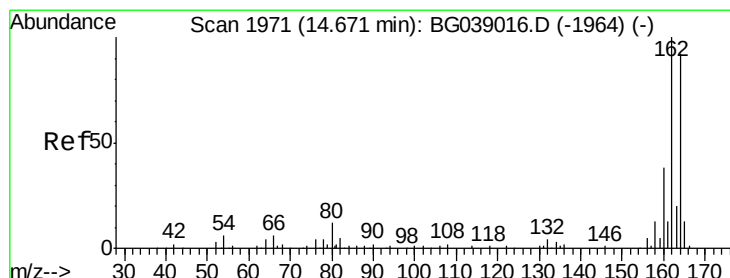
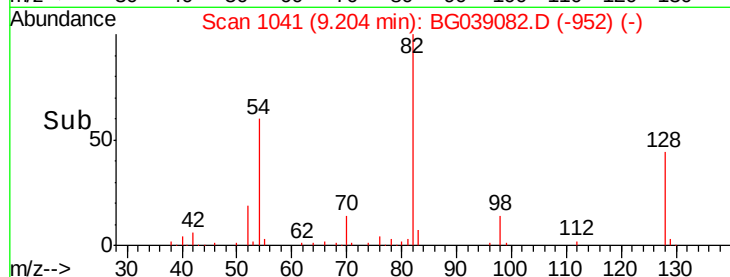
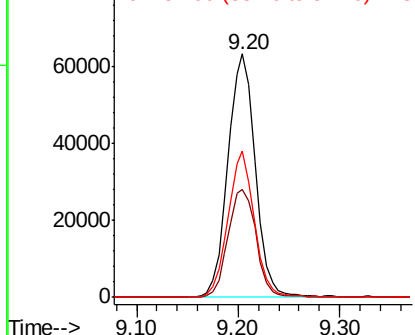
#23
 Nitrobenzene-d5
 Concen: 72.032 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039082.D
 Acq: 11 Jan 2019 10:20

Instrument :
 BNA_G
 ClientSampleID :
 SP-1-5

Tot Ion: 82 Resp: 118577
 Ion Ratio Lower Upper
 82 100
 128 44.2 37.3 55.9
 54 59.9 46.4 69.6

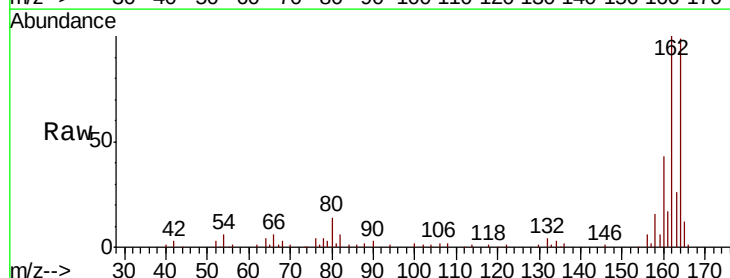


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

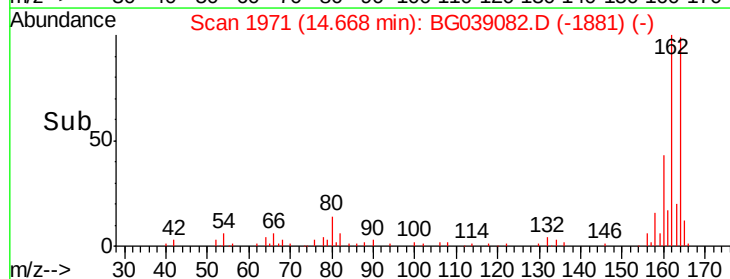
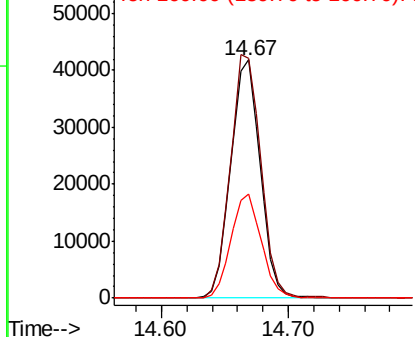


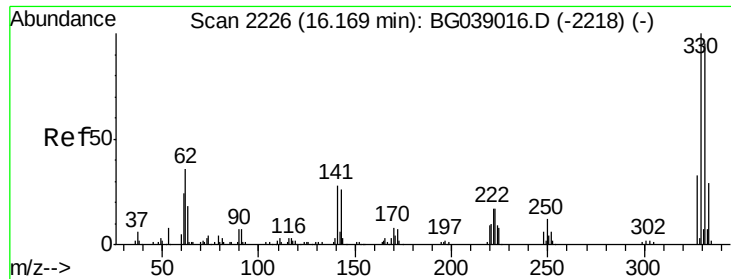
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039082.D
 Acq: 11 Jan 2019 10:20

Tgt Ion: 164 Resp: 66834
 Ion Ratio Lower Upper
 164 100
 162 100.9 87.2 130.8
 160 43.8 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: 109.369 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039082.D

Acq: 11 Jan 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SP-1-5

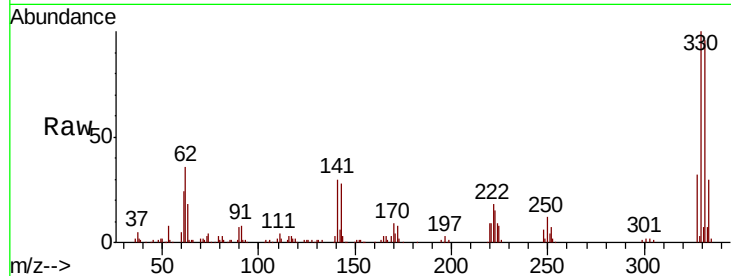
Tot Ion:330 Resp: 122529

Ion Ratio Lower Upper

330 100

332 93.2 75.7 113.5

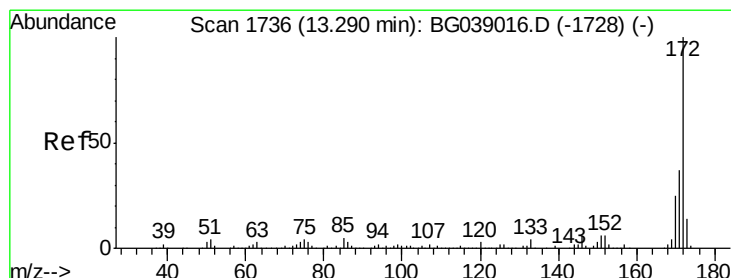
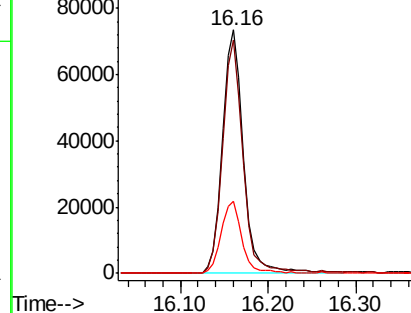
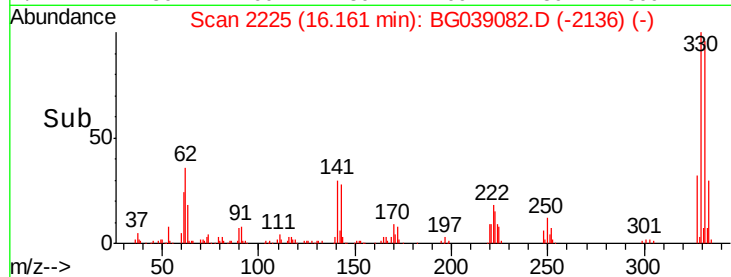
141 29.3 24.9 37.3



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: 70.399 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039082.D

Acq: 11 Jan 2019 10:20

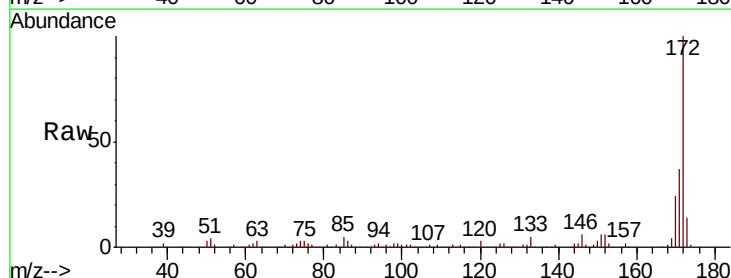
Tgt Ion:172 Resp: 343795

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

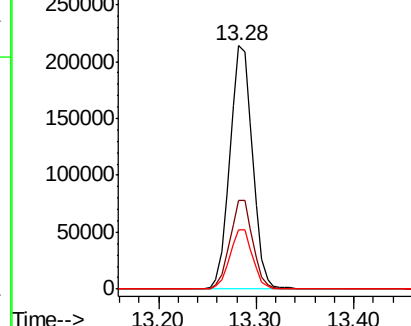
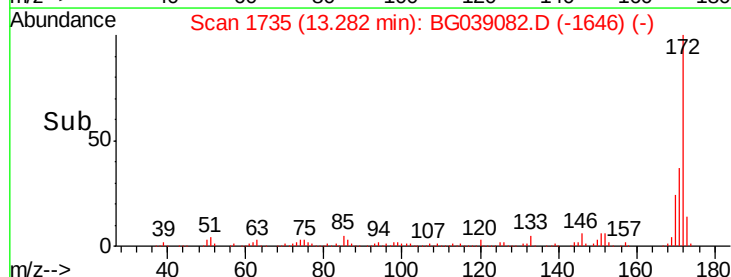
170 24.4 20.1 30.1

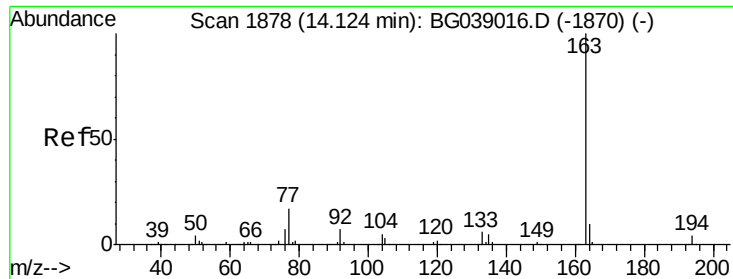


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 15.965 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039082.D

Acq: 11 Jan 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SP-1-5

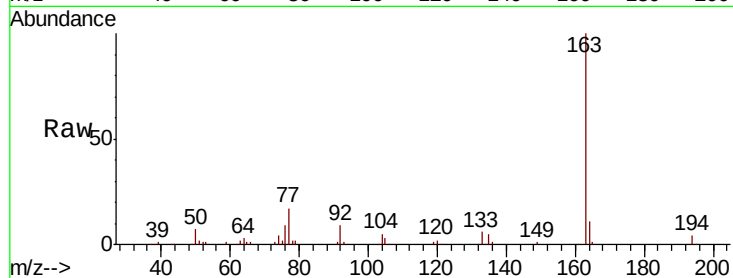
Tot Ion:163 Resp: 90165

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

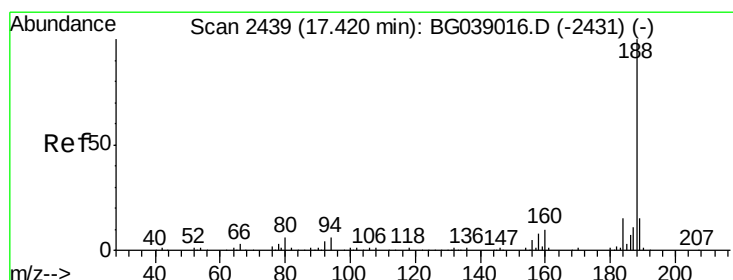
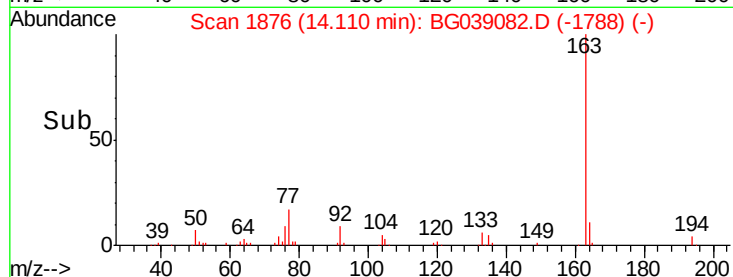
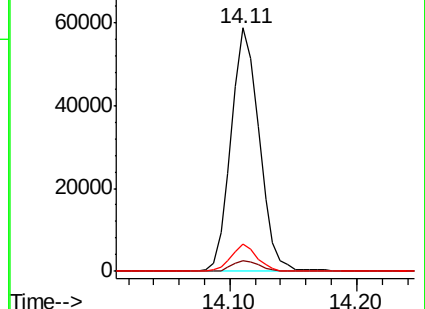
164 11.2 8.2 12.2



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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039082.D

Acq: 11 Jan 2019 10:20

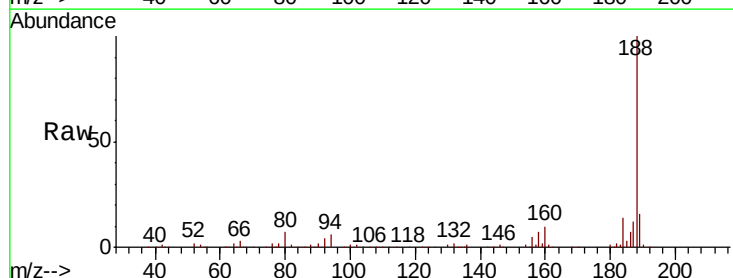
Tgt Ion:188 Resp: 180738

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

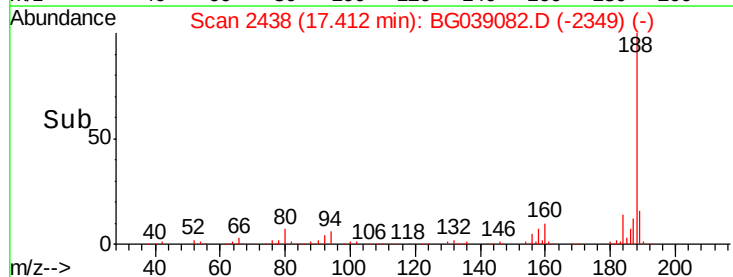
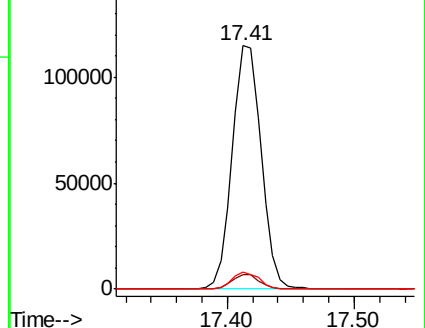
80 6.9 4.7 7.1

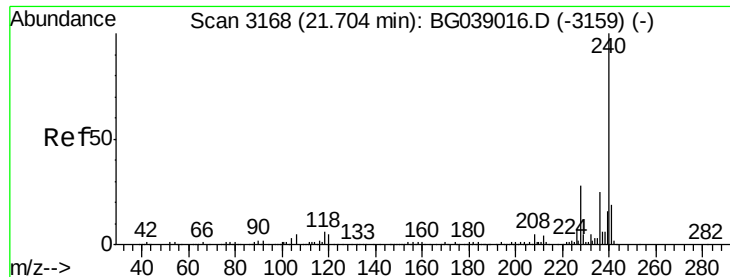


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039082.D

Acq: 11 Jan 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SP-1-5

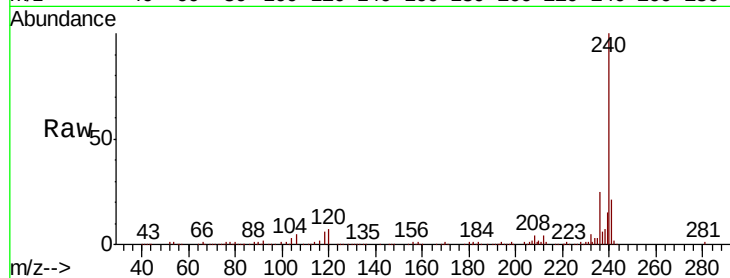
Tot Ion:240 Resp: 192177

Ion Ratio Lower Upper

240 100

120 6.7 4.3 6.5#

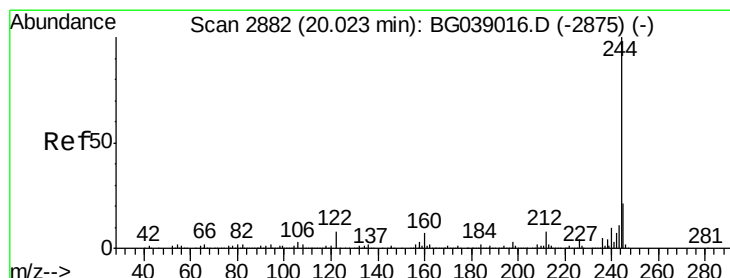
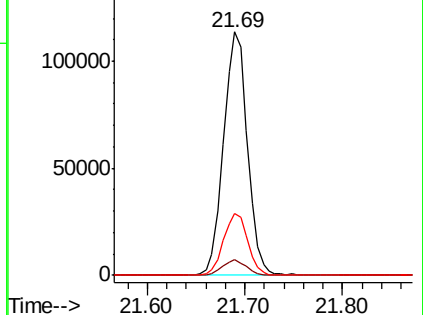
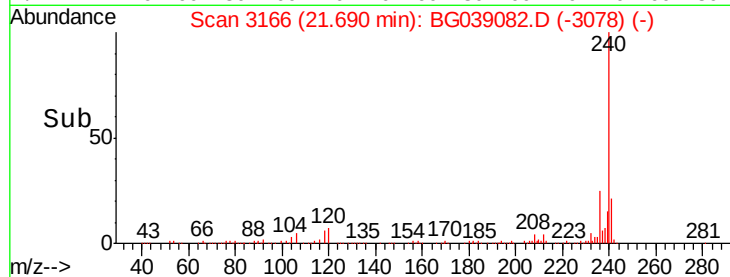
236 25.2 20.1 30.1



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: 68.327 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039082.D

Acq: 11 Jan 2019 10:20

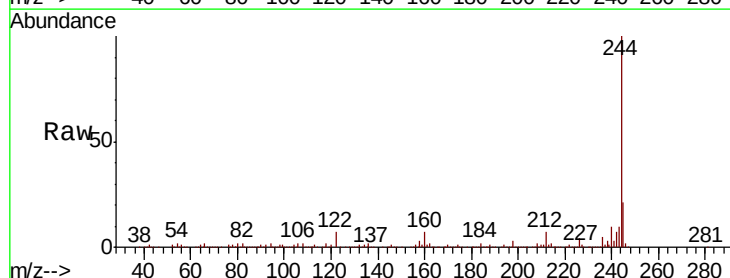
Tgt Ion:244 Resp: 709819

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

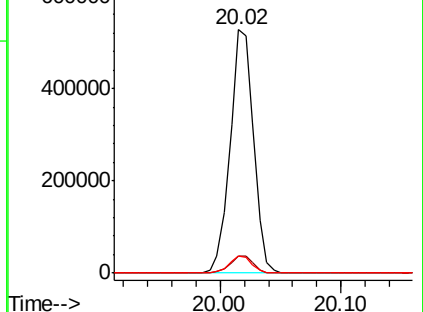
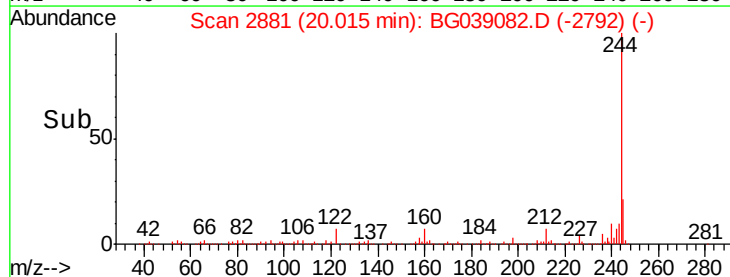
122 7.1 6.1 9.1

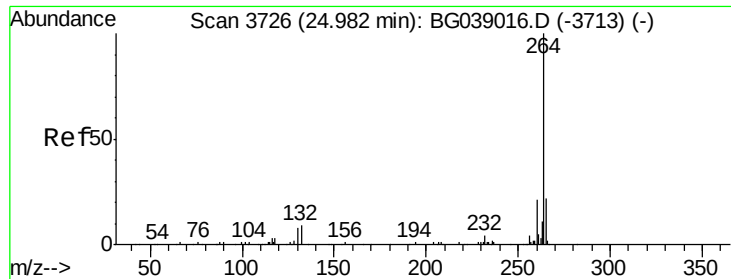


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

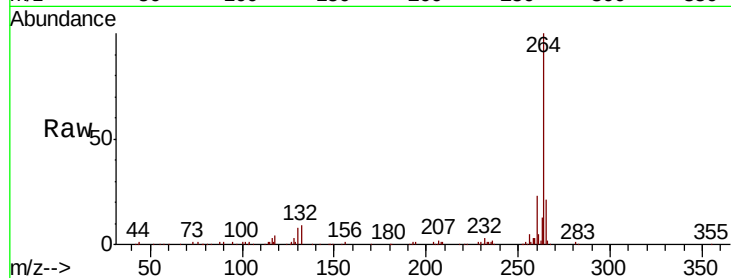




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3724
 Delta R.T. -0.01 min
 Lab File: BG039082.D
 Acq: 11 Jan 2019 10:20

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.0	25.6
265	20.8	17.2	25.8



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

