

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039047.D
 Acq On : 10 Jan 2019 9:32
 Operator : JU/SJ
 Sample : K1006-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-C

Quant Time: Jan 10 10:27:50 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	19768	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	79611	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	58070	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	162929	20.00	ng	0.00
76) Chrysene-d12	21.70	240	181061	20.00	ng	0.00
87) Perylene-d12	24.98	264	199154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	131229	125.93	ng	0.00
7) Phenol-d6	7.19	99	159449	106.32	ng	0.00
23) Nitrobenzene-d5	9.21	82	131689	90.51	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	132942	136.57	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	380381	89.65	ng	0.00
79) Terphenyl-d14	20.02	244	848569	86.70	ng	0.00

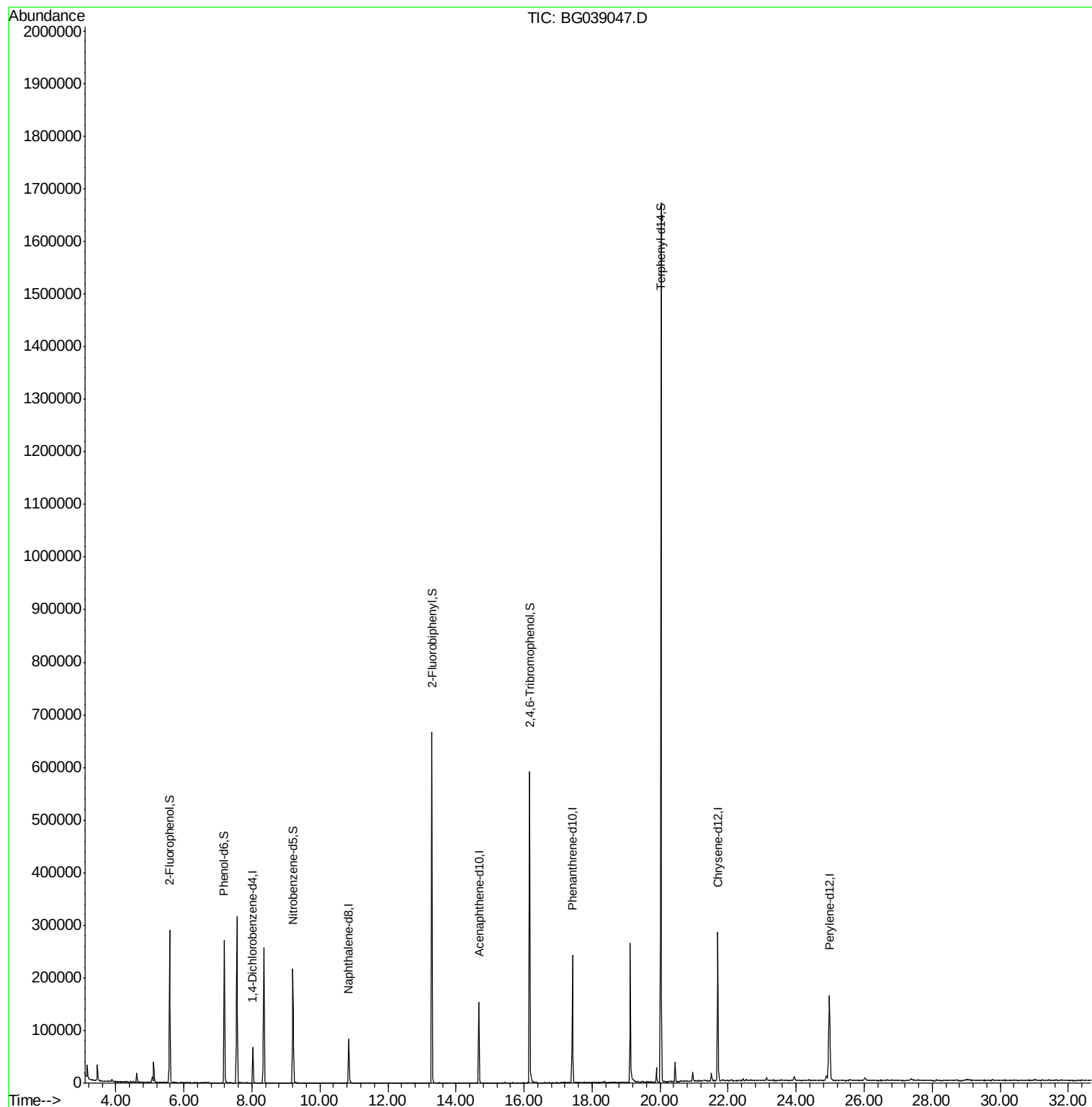
Target Compounds Qvalue

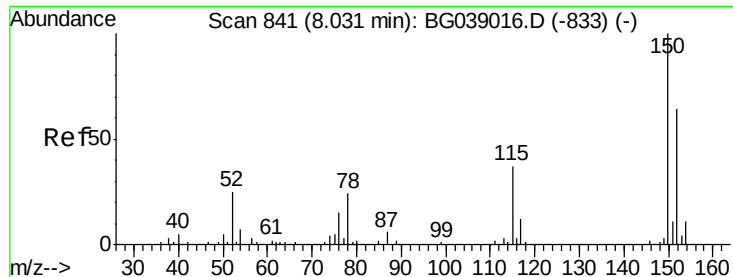
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG039047.D

Acq: 10 Jan 2019 9:32

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-C

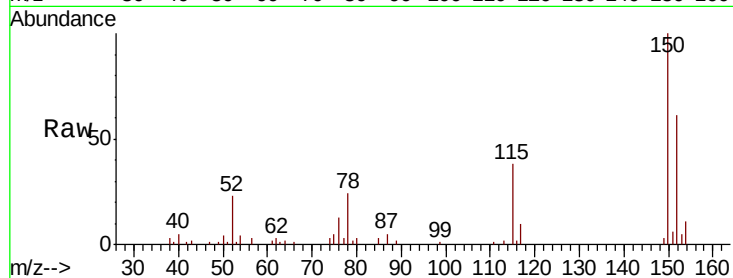
Tot Ion:152 Resp: 19768

Ion Ratio Lower Upper

152 100

150 164.3 124.7 187.1

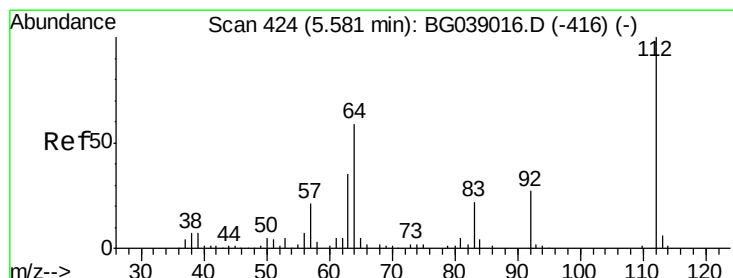
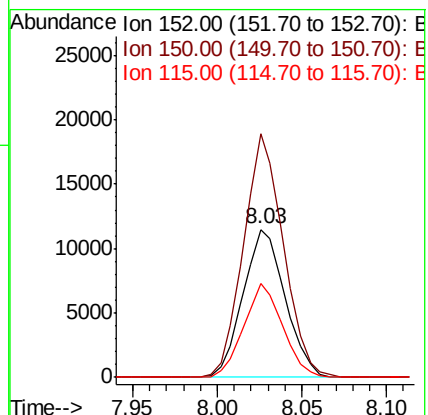
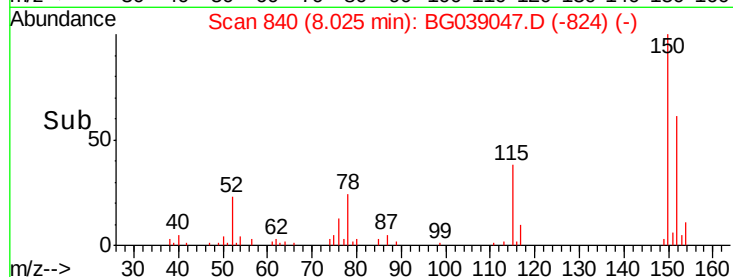
115 63.0 46.5 69.7



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: 125.930 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039047.D

Acq: 10 Jan 2019 9:32

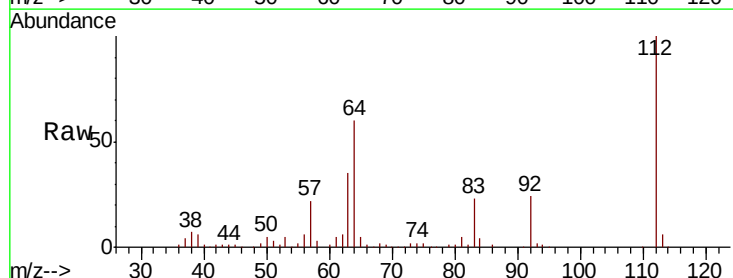
Tgt Ion:112 Resp: 131229

Ion Ratio Lower Upper

112 100

64 59.8 47.0 70.6

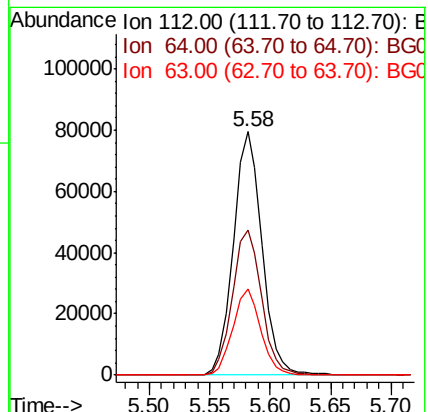
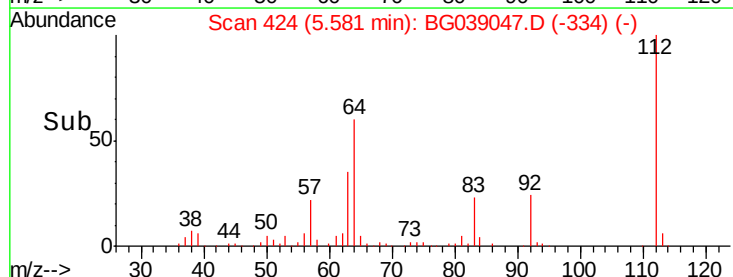
63 35.3 28.0 42.0

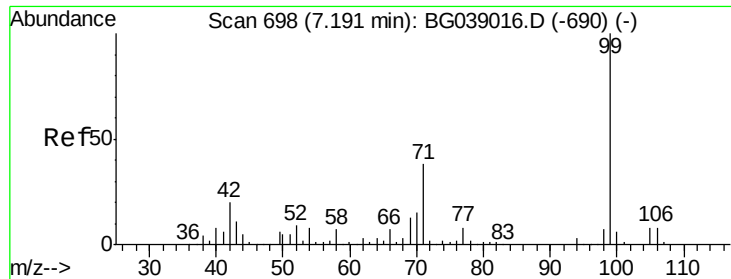


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.322 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039047.D

Acq: 10 Jan 2019 9:32

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-C

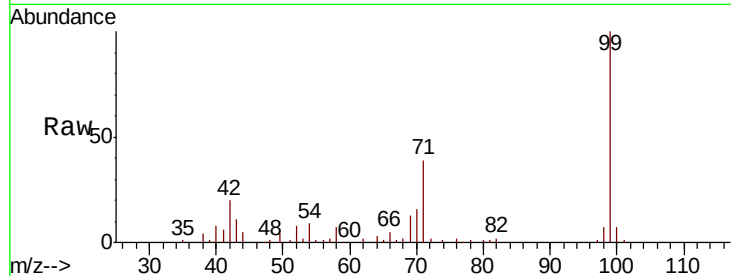
Tot Ion: 99 Resp: 159449

Ion Ratio Lower Upper

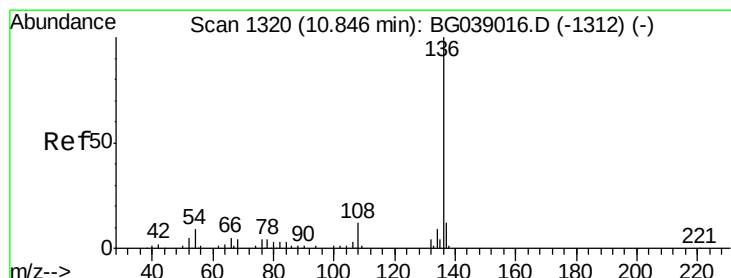
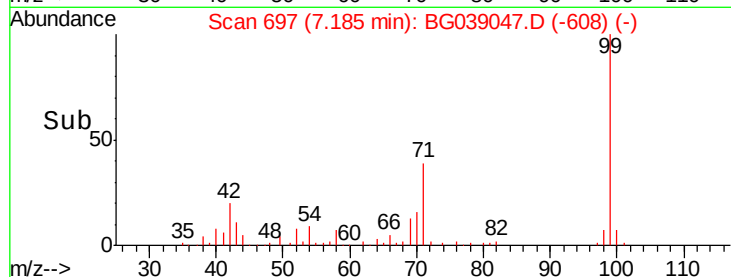
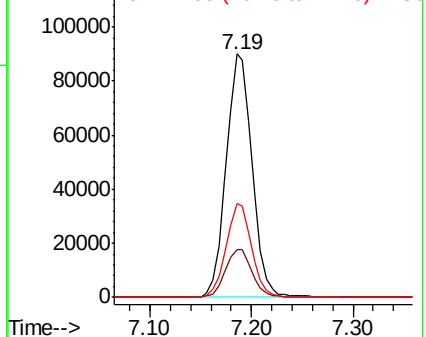
99 100

42 19.8 15.8 23.6

71 38.7 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# 1320

Delta R.T. -0.00 min

Lab File: BG039047.D

Acq: 10 Jan 2019 9:32

Tgt Ion: 136 Resp: 79611

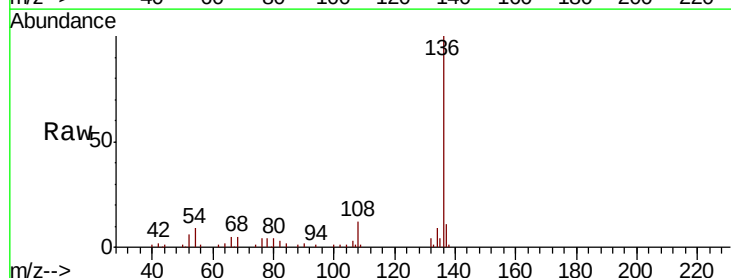
Ion Ratio Lower Upper

136 100

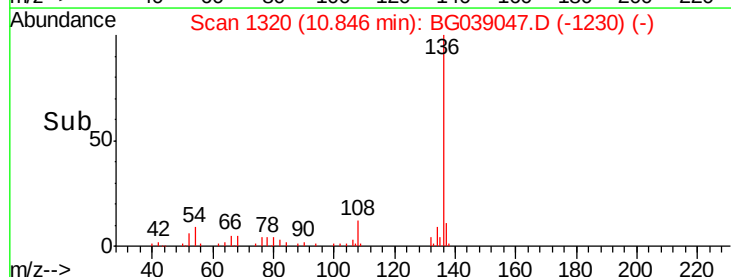
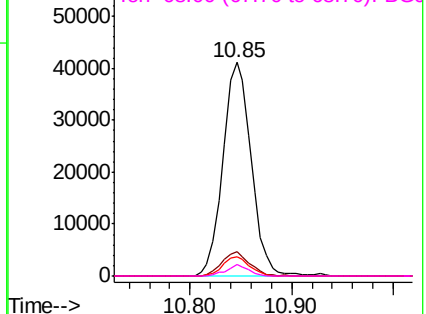
137 11.2 9.4 14.2

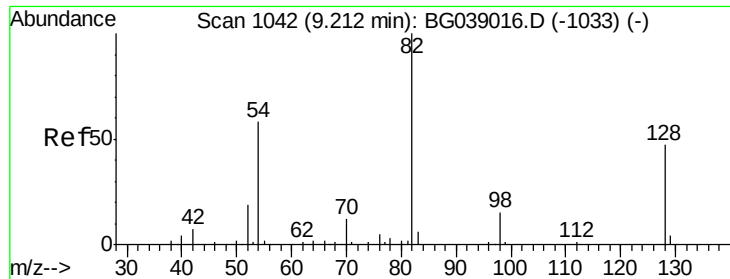
54 9.1 7.2 10.8

68 5.2 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

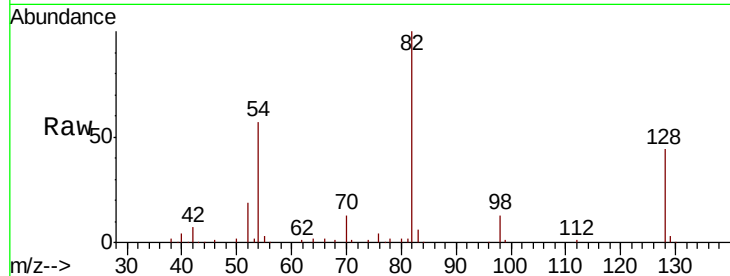




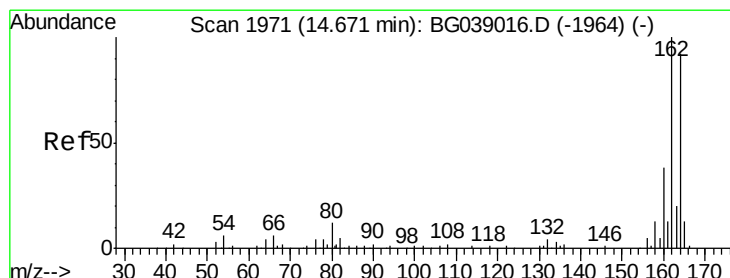
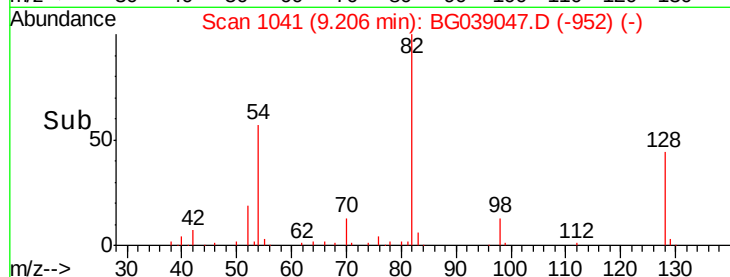
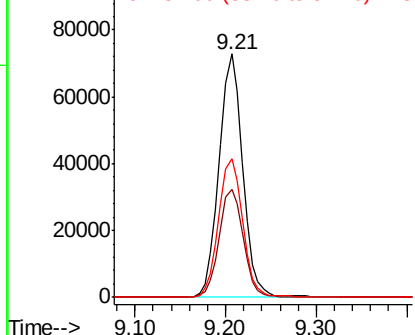
#23
Nitrobenzene-d5
Concen: 90.515 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039047.D
Acq: 10 Jan 2019 9:32

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-C

Tot Ion: 82 Resp: 131689
Ion Ratio Lower Upper
82 100
128 44.3 37.3 55.9
54 57.0 46.4 69.6

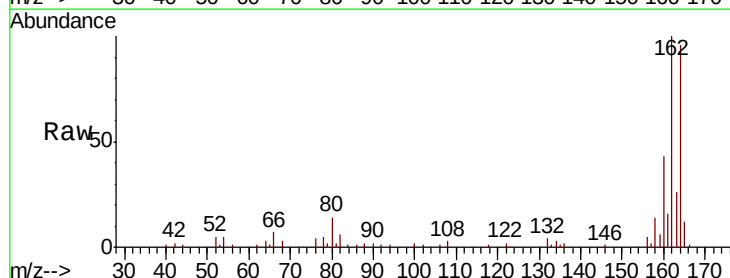


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

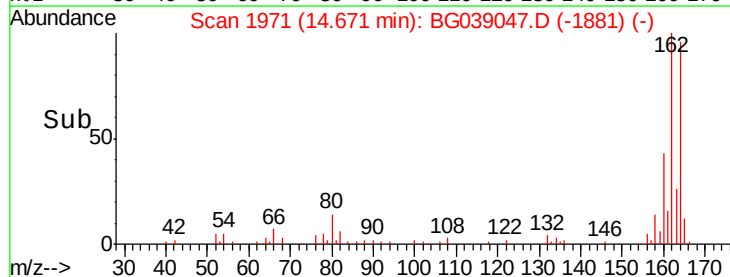
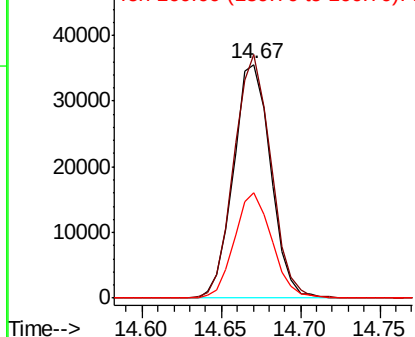


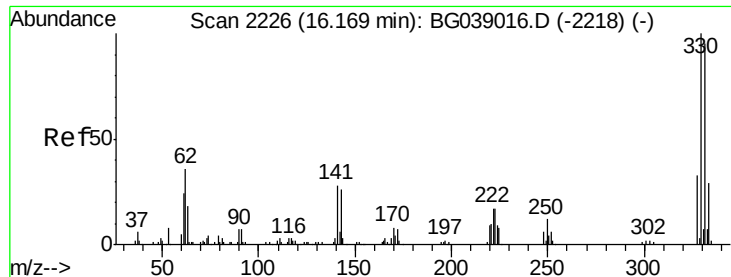
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039047.D
Acq: 10 Jan 2019 9:32

Tgt Ion: 164 Resp: 58070
Ion Ratio Lower Upper
164 100
162 104.1 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: 136.573 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039047.D

Acq: 10 Jan 2019 9:32

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-C

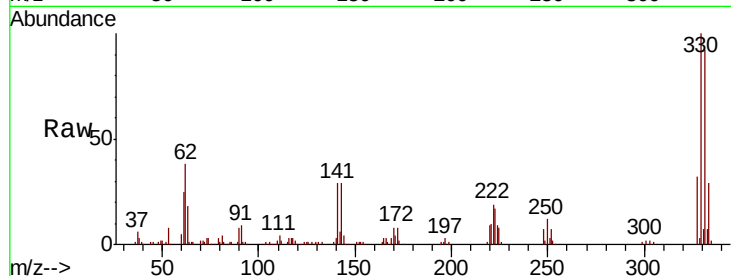
Tot Ion:330 Resp: 132942

Ion Ratio Lower Upper

330 100

332 94.4 75.7 113.5

141 31.4 24.9 37.3

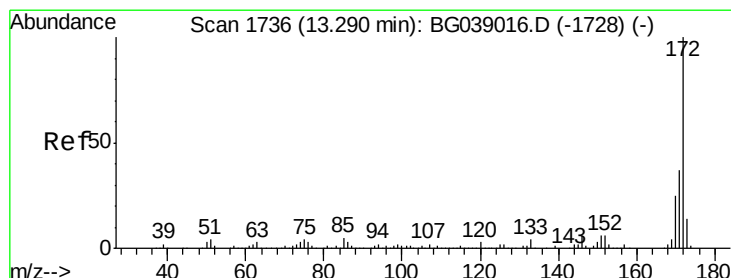
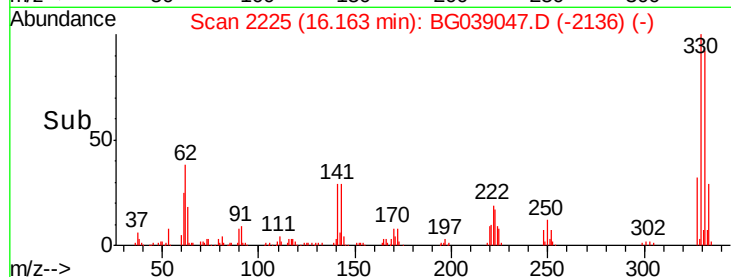
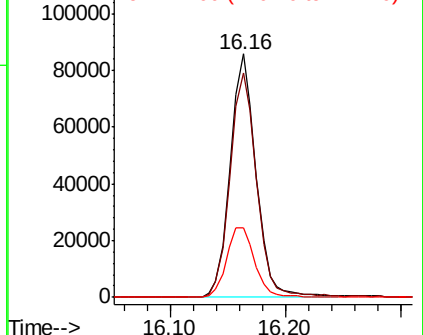


Abundance

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: 89.646 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039047.D

Acq: 10 Jan 2019 9:32

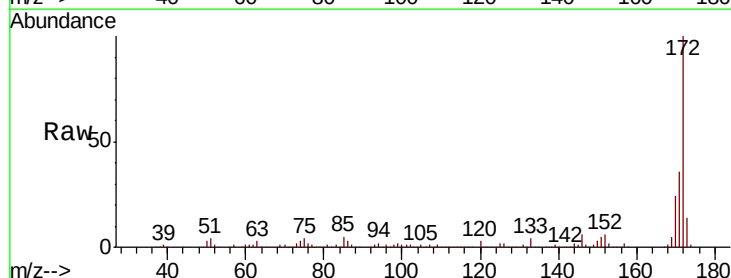
Tgt Ion:172 Resp: 380381

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 24.4 20.1 30.1

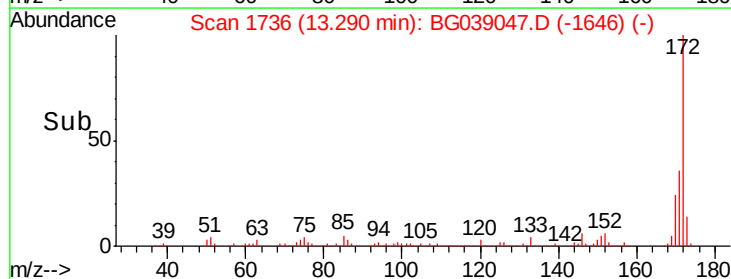
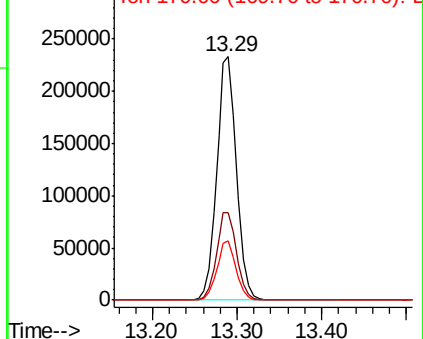


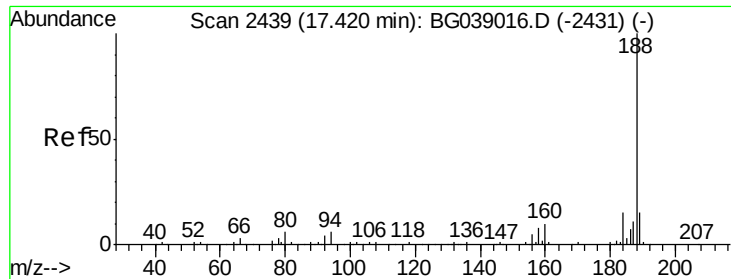
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039047.D

Acq: 10 Jan 2019 9:32

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-C

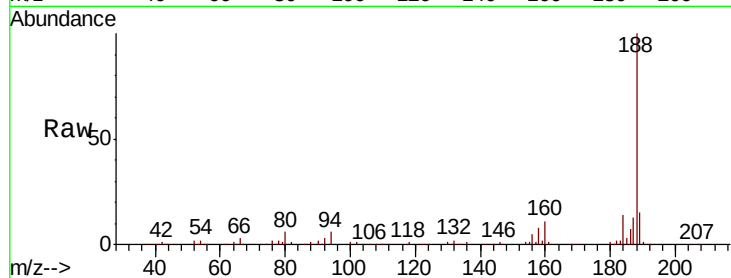
Tot Ion:188 Resp: 162929

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.4

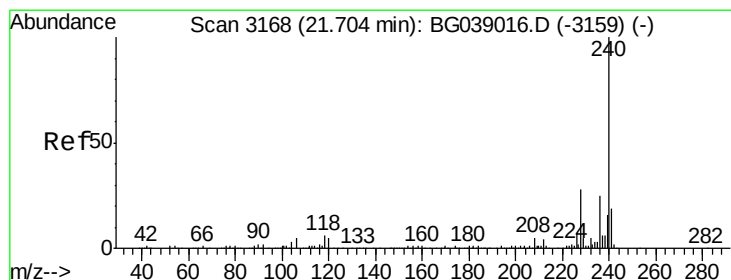
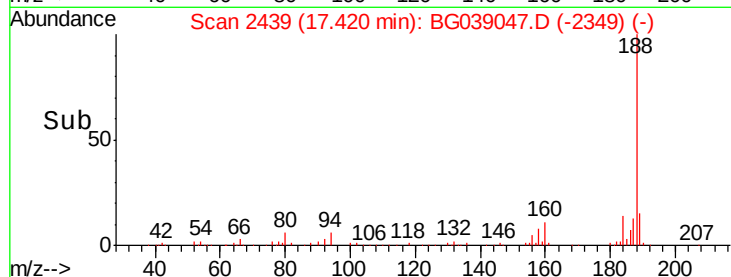
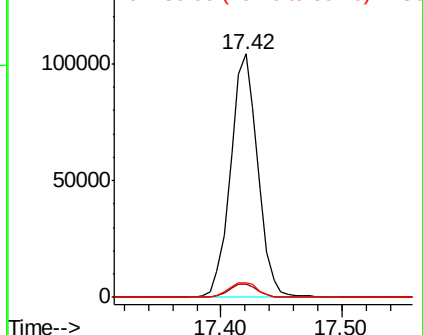
80 6.1 4.7 7.1



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: BG039047.D

Acq: 10 Jan 2019 9:32

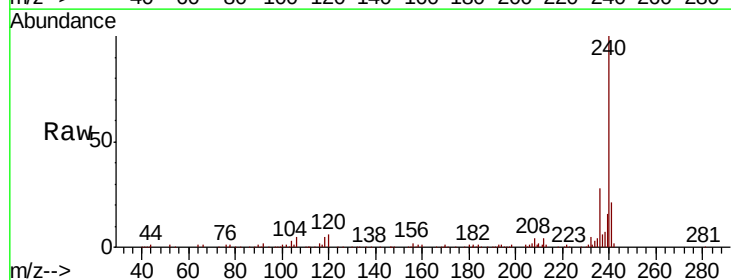
Tgt Ion:240 Resp: 181061

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

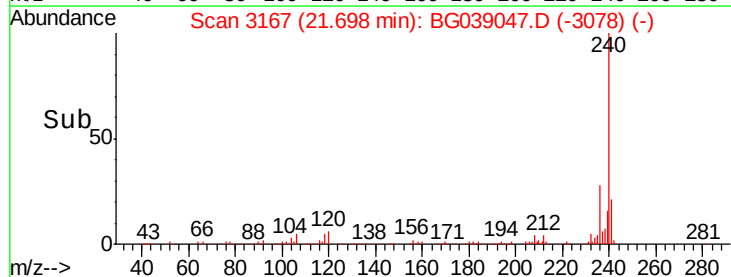
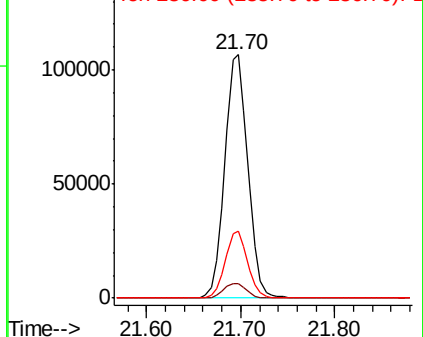
236 27.5 20.1 30.1

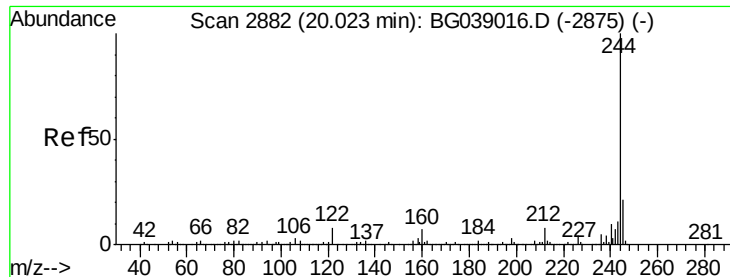


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.698 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039047.D

Acq: 10 Jan 2019 9:32

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-C

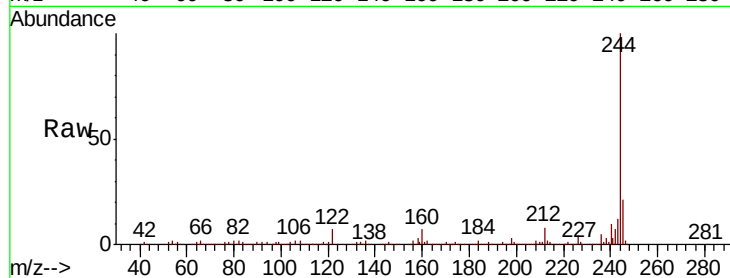
Tot Ion:244 Resp: 848569

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

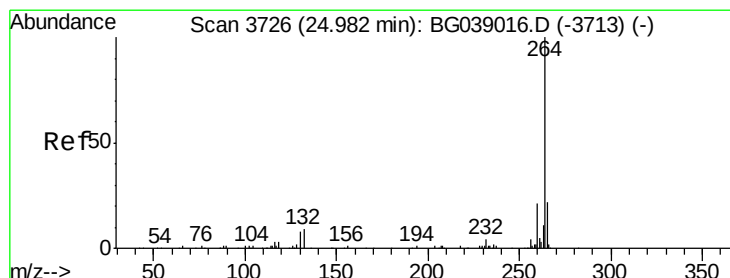
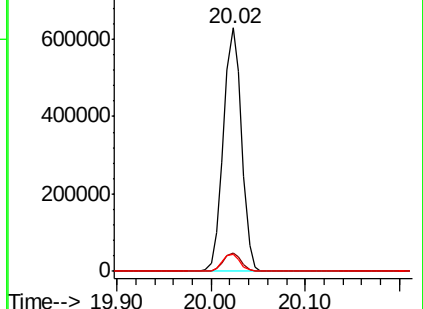
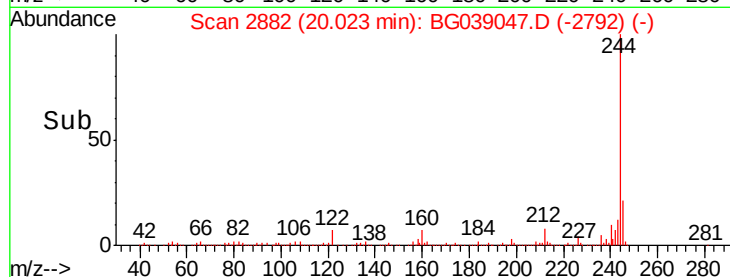
122 6.9 6.1 9.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039047.D

Acq: 10 Jan 2019 9:32

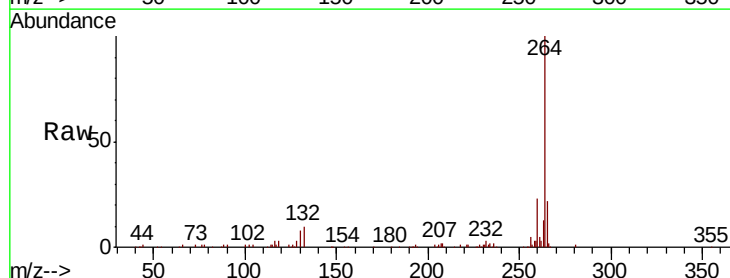
Tgt Ion:264 Resp: 199154

Ion Ratio Lower Upper

264 100

260 23.3 17.0 25.6

265 22.3 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

