

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039106.D
 Acq On : 12 Jan 2019 6:33
 Operator : JU/SJ
 Sample : PB116333TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116333TB

Quant Time: Jan 14 10:07:00 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	22158	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	100524	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	82038	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	228480	20.00	ng	0.00
76) Chrysene-d12	21.68	240	212671	20.00	ng	-0.02
87) Perylene-d12	24.96	264	229023	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	205304	175.76	ng	0.00
7) Phenol-d6	7.19	99	313079	186.25	ng	0.00
23) Nitrobenzene-d5	9.20	82	176419	96.03	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	166271	120.91	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	541979	90.41	ng	0.00
79) Terphenyl-d14	20.02	244	1077221	93.70	ng	0.00

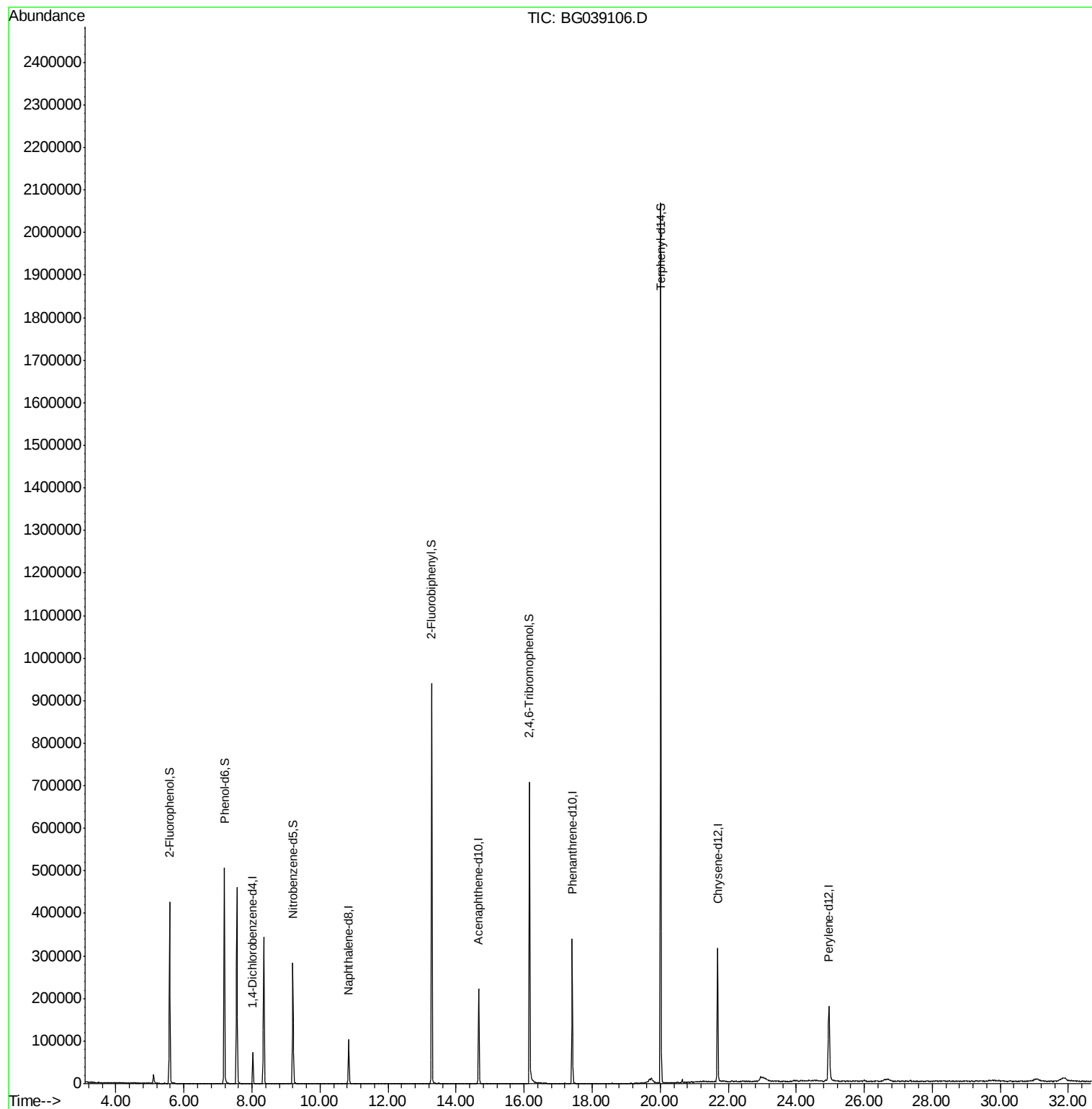
Target Compounds Qvalue

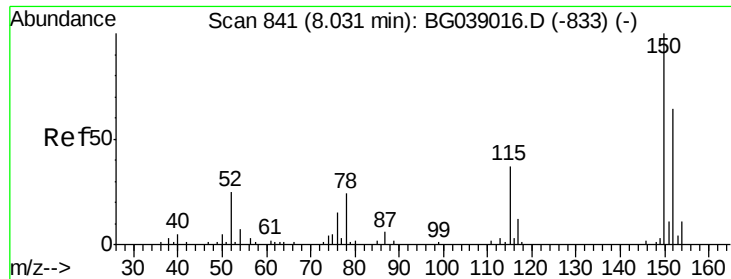
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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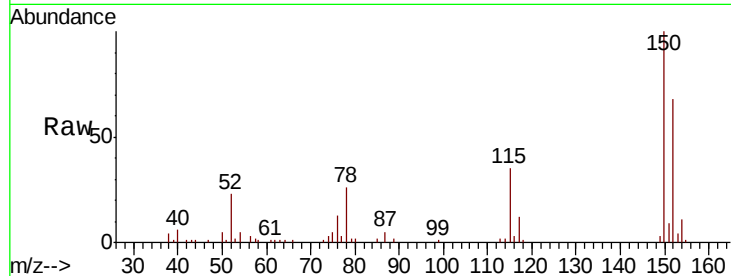




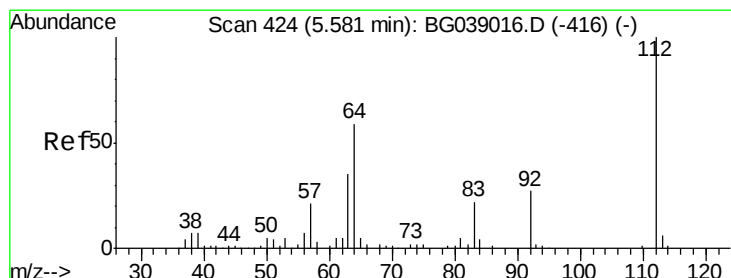
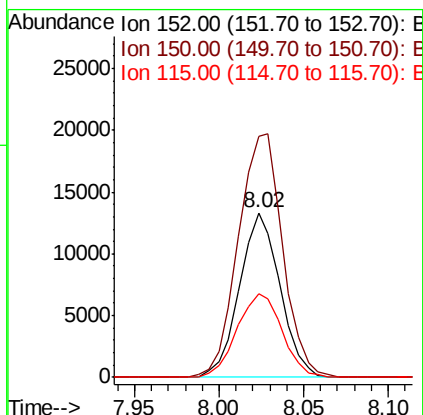
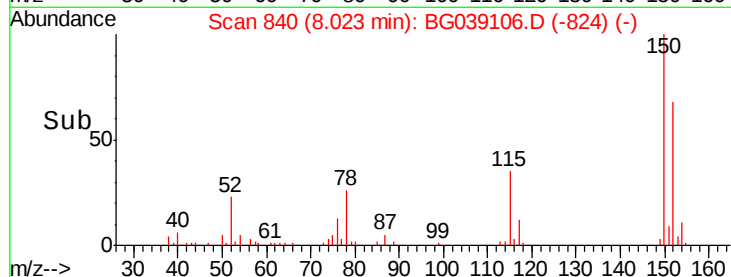
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG039106.D
 Acq: 12 Jan 2019 6:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116333TB

Tot Ion:152 Resp: 22158
 Ion Ratio Lower Upper
 152 100
 150 146.4 124.7 187.1
 115 50.5 46.5 69.7

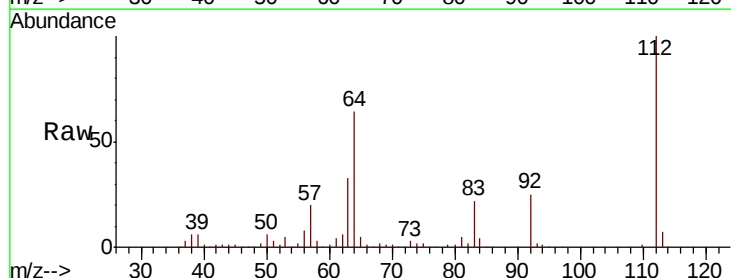


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

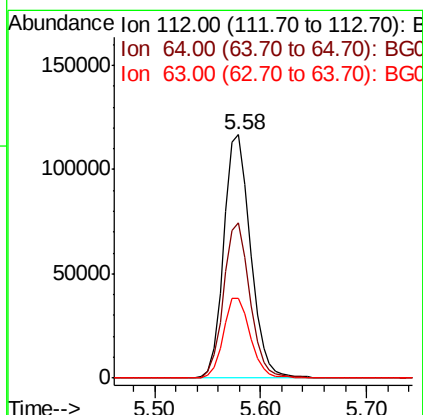
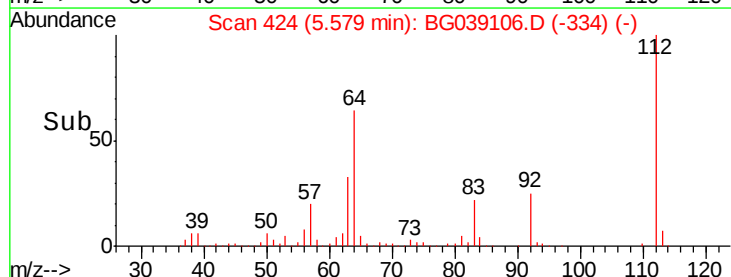


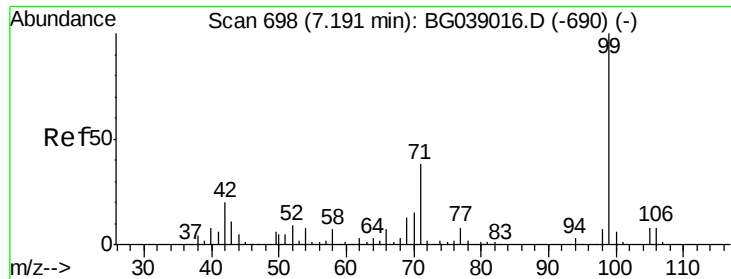
#5
 2-Fluorophenol
 Concen: 175.764 ng
 RT: 5.58 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BG039106.D
 Acq: 12 Jan 2019 6:33

Tgt Ion:112 Resp: 205304
 Ion Ratio Lower Upper
 112 100
 64 63.9 47.0 70.6
 63 32.8 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: 186.246 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039106.D

Acq: 12 Jan 2019 6:33

Instrument :

BNA_G

ClientSampleId :

PB116333TB

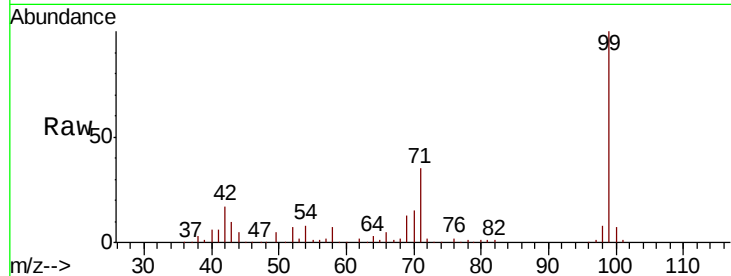
Tot Ion: 99 Resp: 313079

Ion Ratio Lower Upper

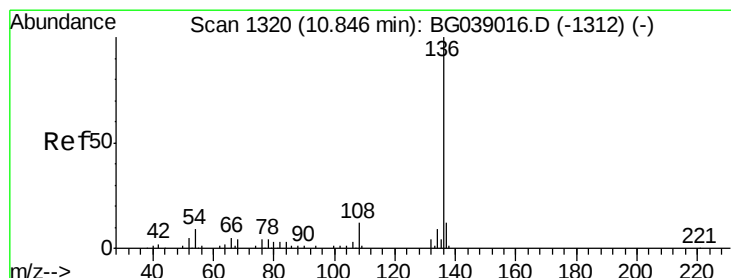
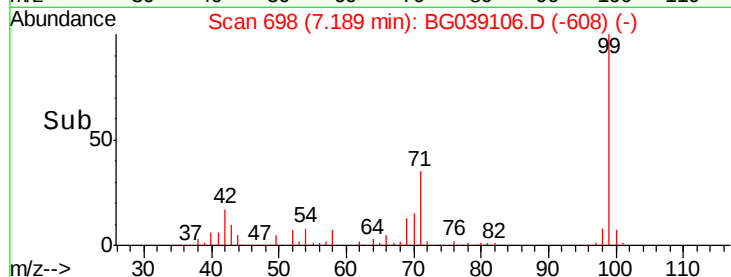
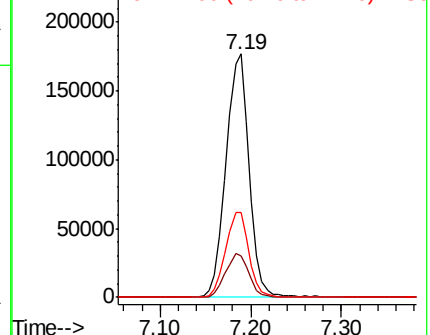
99 100

42 17.2 15.8 23.6

71 35.1 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: BG039106.D

Acq: 12 Jan 2019 6:33

Tgt Ion: 136 Resp: 100524

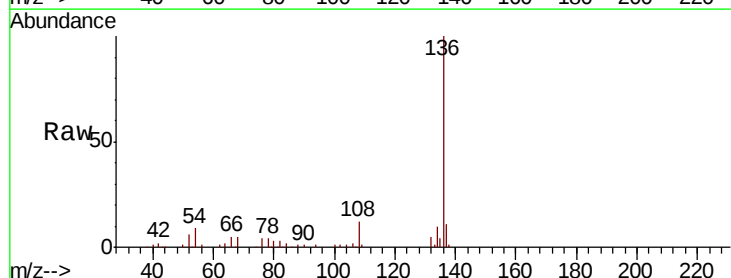
Ion Ratio Lower Upper

136 100

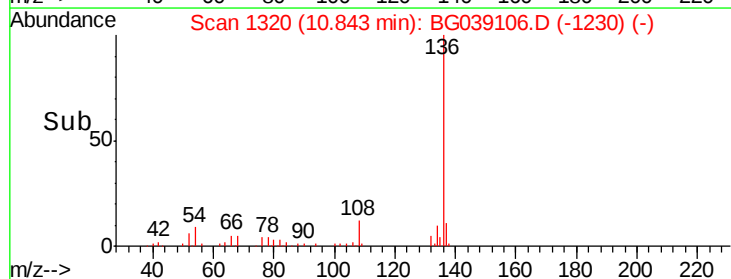
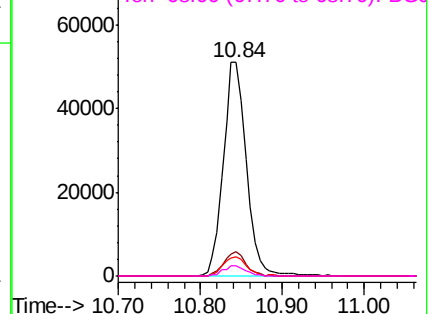
137 11.3 9.4 14.2

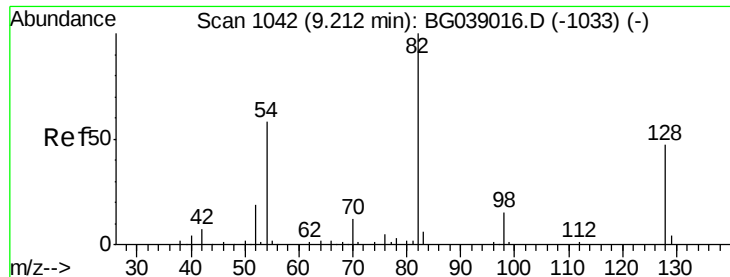
54 8.8 7.2 10.8

68 5.1 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

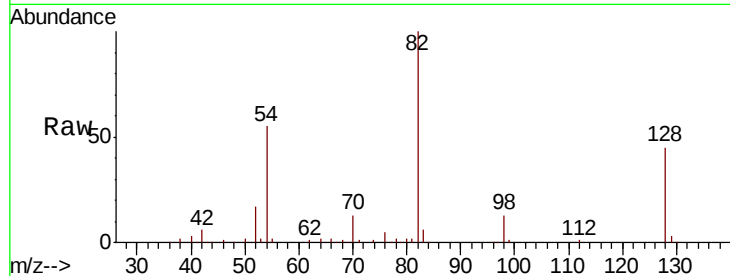




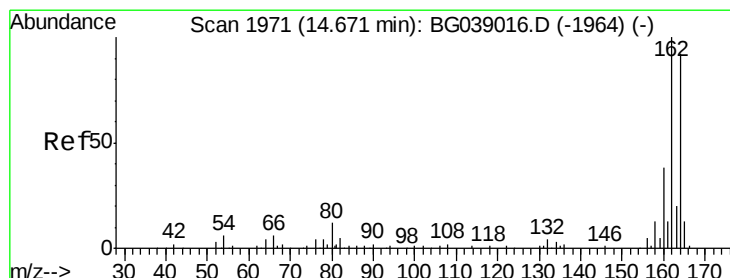
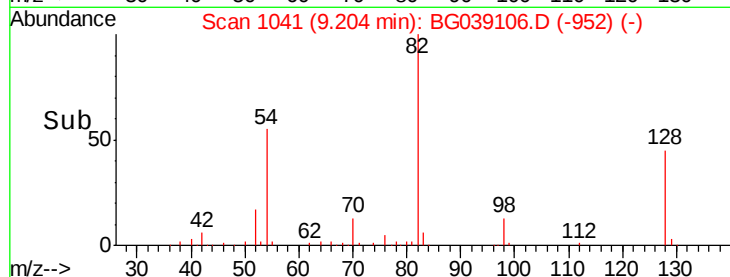
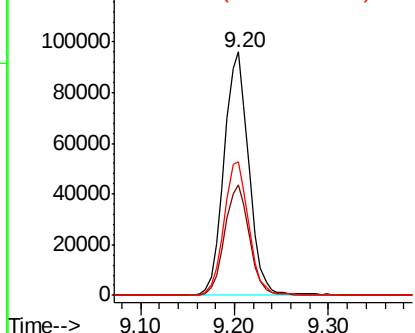
#23
Nitrobenzene-d5
Concen: 96.032 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039106.D
Acq: 12 Jan 2019 6:33

Instrument :
BNA_G
ClientSampleId :
PB116333TB

Tot Ion: 82 Resp: 176419
Ion Ratio Lower Upper
82 100
128 45.4 37.3 55.9
54 55.0 46.4 69.6

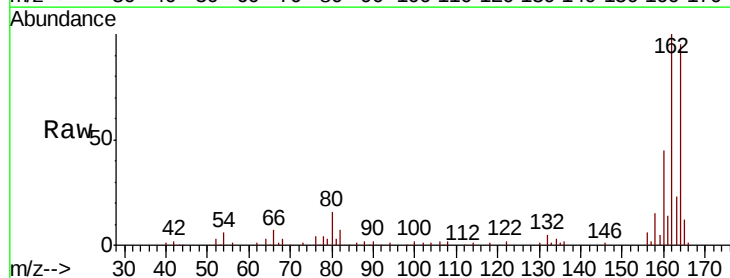


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

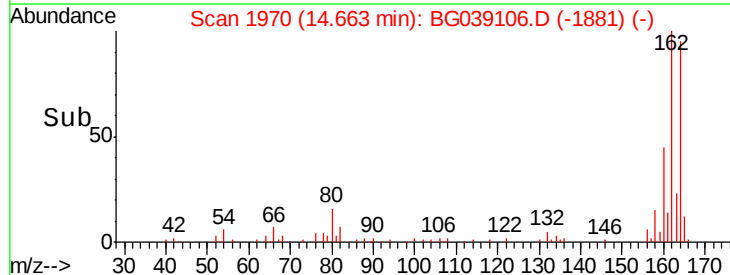
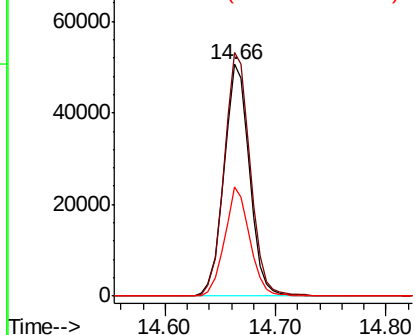


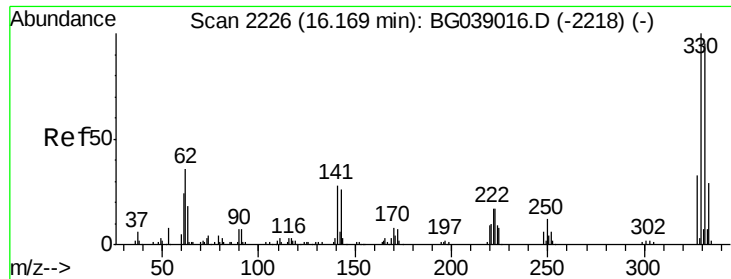
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039106.D
Acq: 12 Jan 2019 6:33

Tgt Ion: 164 Resp: 82038
Ion Ratio Lower Upper
164 100
162 105.2 87.2 130.8
160 46.9 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: 120.908 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039106.D

Acq: 12 Jan 2019 6:33

Instrument :

BNA_G

ClientSampleId :

PB116333TB

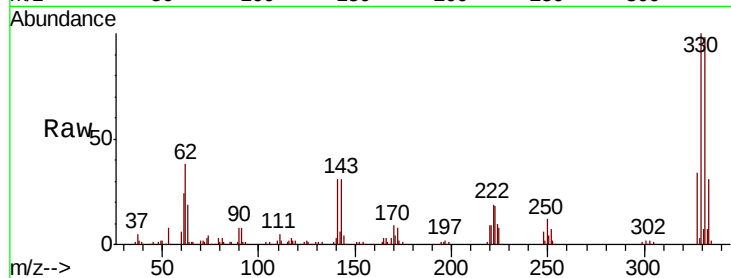
Tot Ion:330 Resp: 166271

Ion Ratio Lower Upper

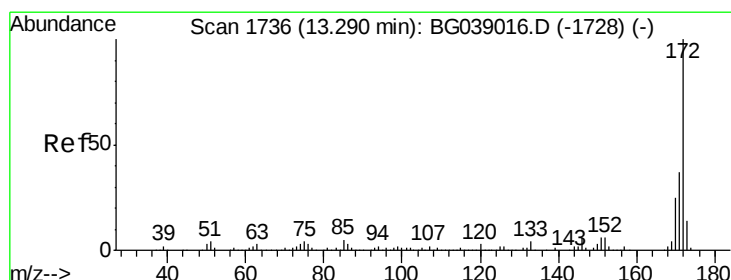
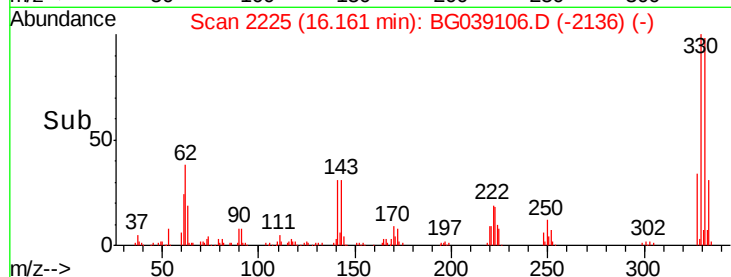
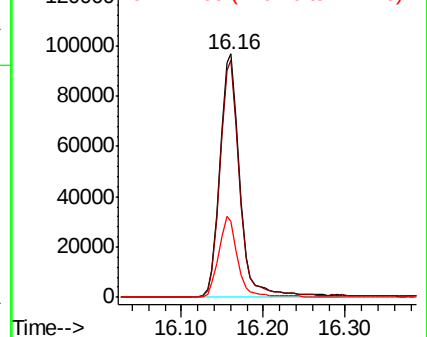
330 100

332 96.2 75.7 113.5

141 31.9 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: 90.413 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039106.D

Acq: 12 Jan 2019 6:33

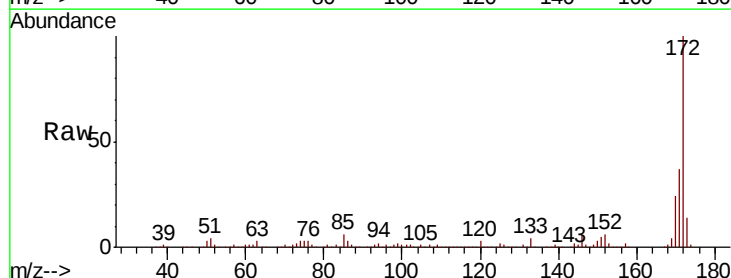
Tgt Ion:172 Resp: 541979

Ion Ratio Lower Upper

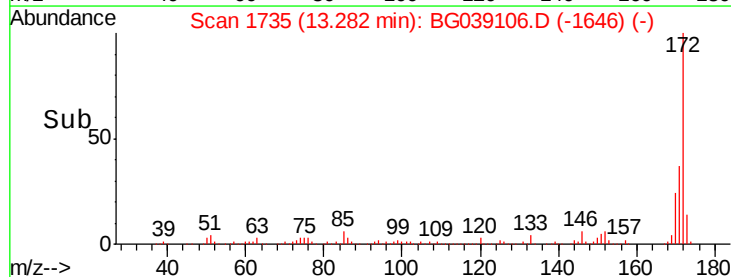
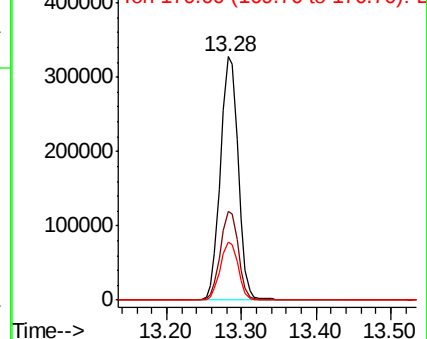
172 100

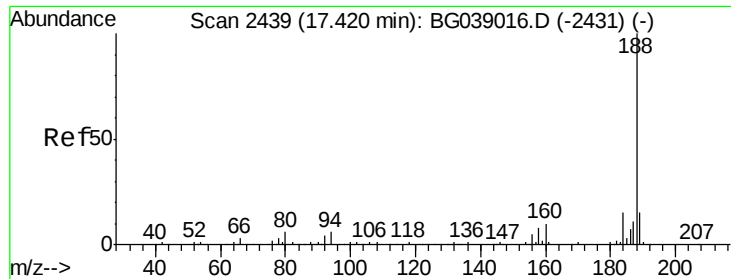
171 36.6 29.4 44.0

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039106.D

Acq: 12 Jan 2019 6:33

Instrument :

BNA_G

ClientSampleId :

PB116333TB

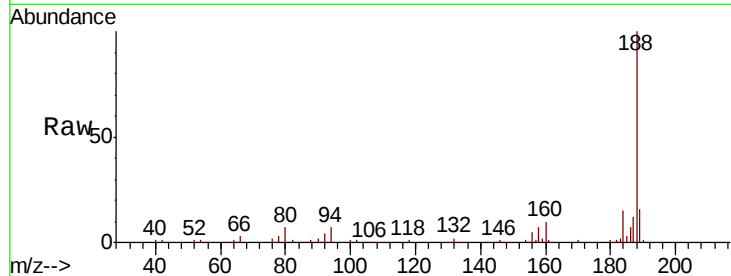
Tot Ion:188 Resp: 228480

Ion Ratio Lower Upper

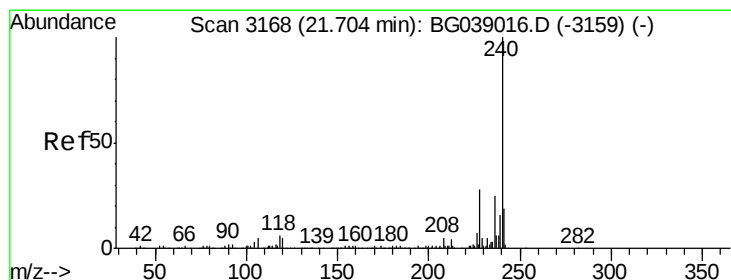
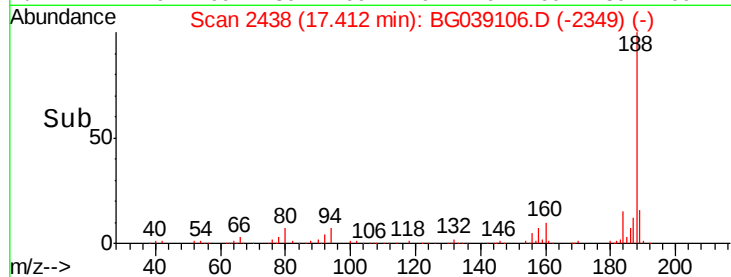
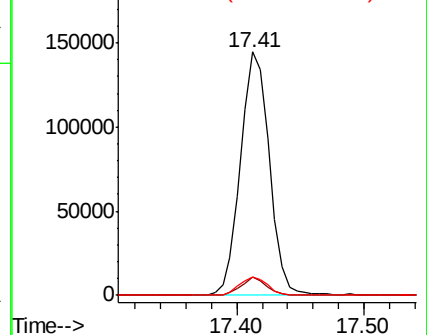
188 100

94 7.4 5.0 7.4#

80 7.4 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: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG039106.D

Acq: 12 Jan 2019 6:33

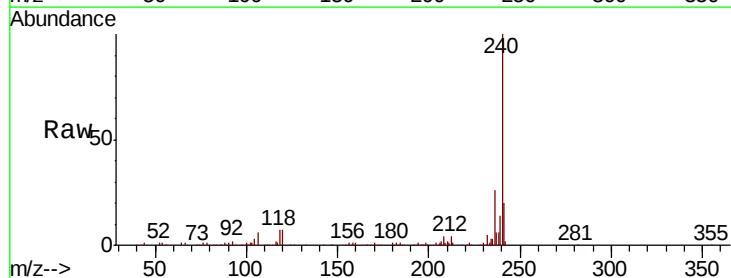
Tgt Ion:240 Resp: 212671

Ion Ratio Lower Upper

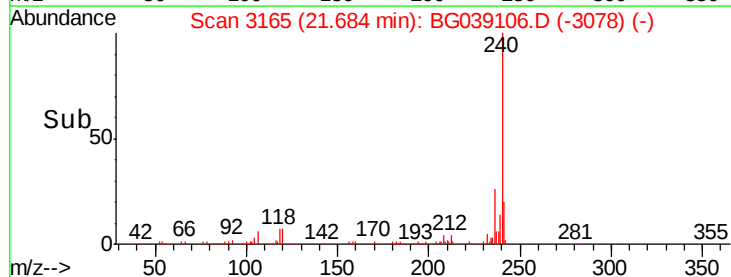
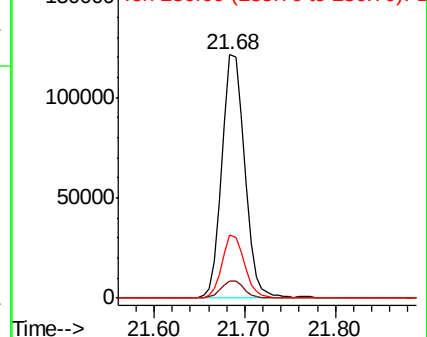
240 100

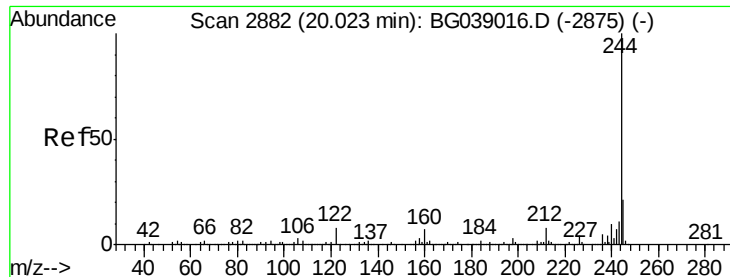
120 7.1 4.3 6.5#

236 25.8 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: 93.701 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039106.D

Acq: 12 Jan 2019 6:33

Instrument :

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ClientSampleId :

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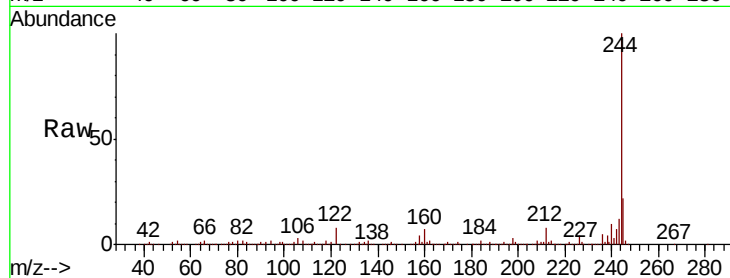
Tot Ion:244 Resp: 1077221

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

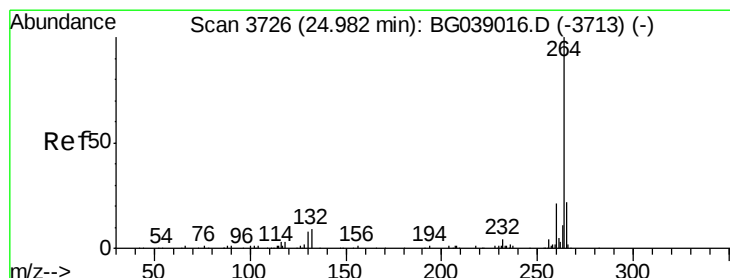
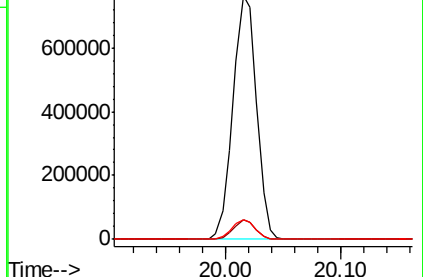
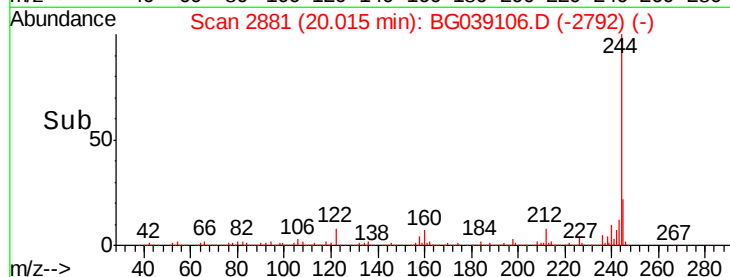
122 8.0 6.1 9.1



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: 24.96 min Scan# 3722

Delta R.T. -0.03 min

Lab File: BG039106.D

Acq: 12 Jan 2019 6:33

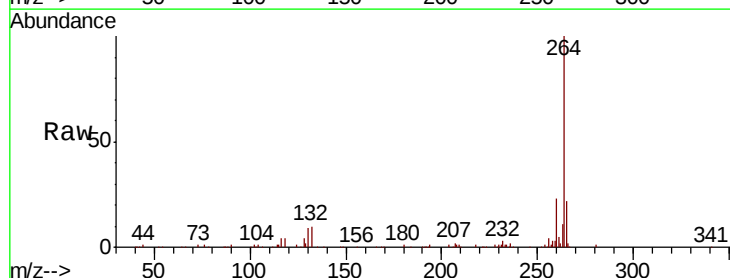
Tgt Ion:264 Resp: 229023

Ion Ratio Lower Upper

264 100

260 22.6 17.0 25.6

265 21.5 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

