

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039164.D
 Acq On : 16 Jan 2019 19:36
 Operator : JU/SJ
 Sample : K1139-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-6

Quant Time: Jan 17 04:18:06 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	8.01	152	21453	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	97050	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	60037	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	166317	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	179904	20.00	ng	-0.03
87) Perylene-d12	24.95	264	189197	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	155141	137.18	ng	-0.01
7) Phenol-d6	7.18	99	174211	107.04	ng	-0.01
23) Nitrobenzene-d5	9.19	82	185075	104.35	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	138276	137.40	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	394576	89.94	ng	-0.01
79) Terphenyl-d14	20.01	244	839201	86.29	ng	-0.01

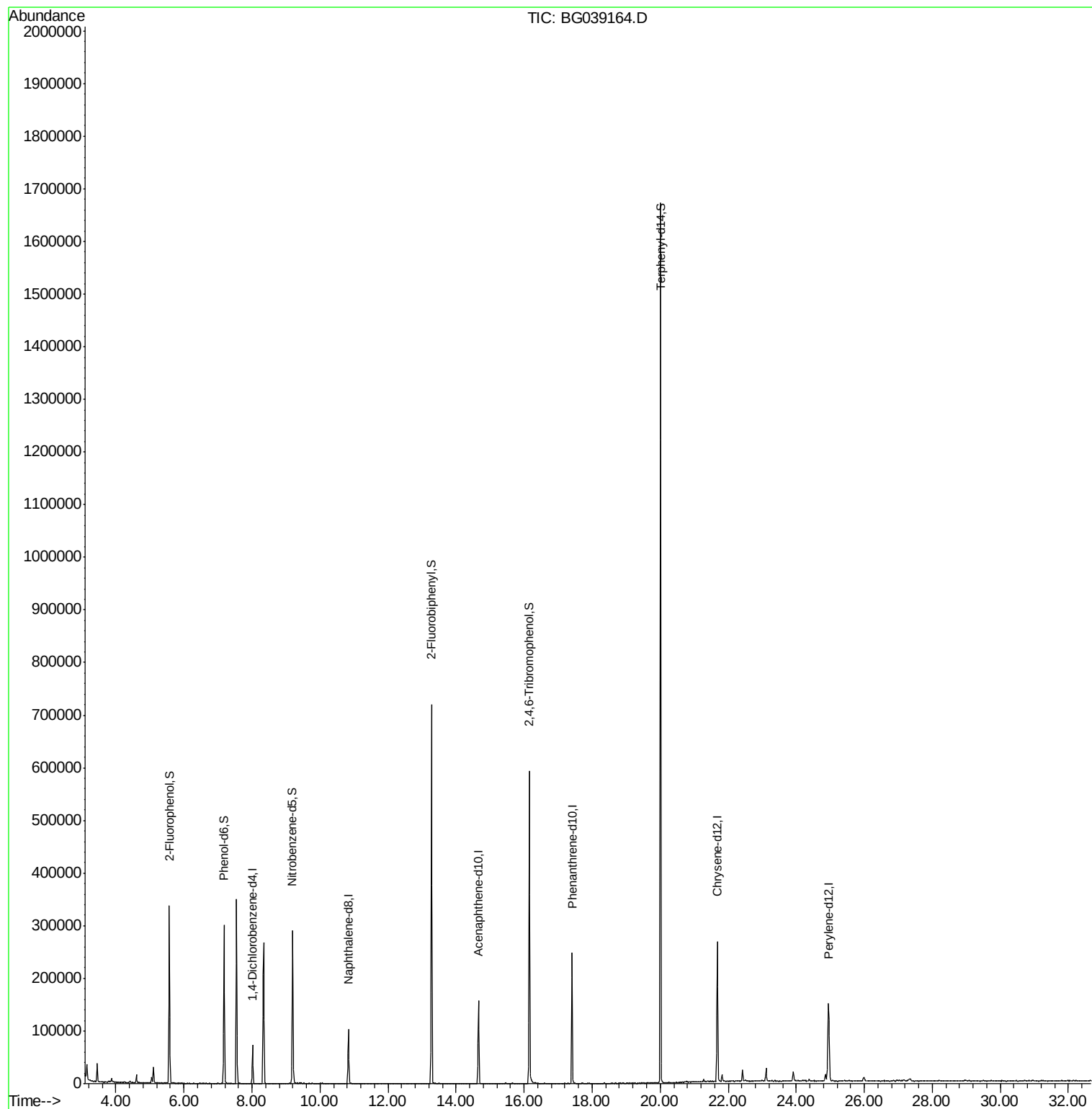
Target Compounds Qvalue

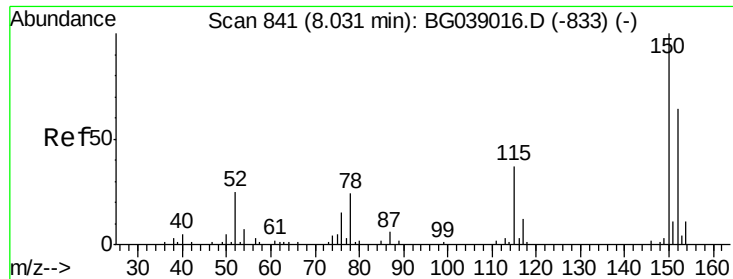
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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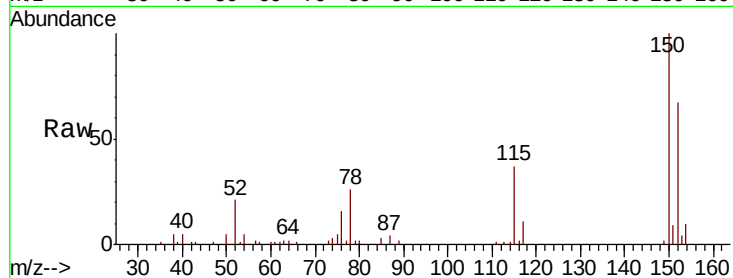


#1

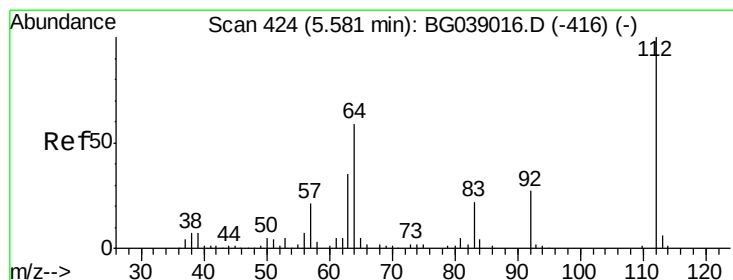
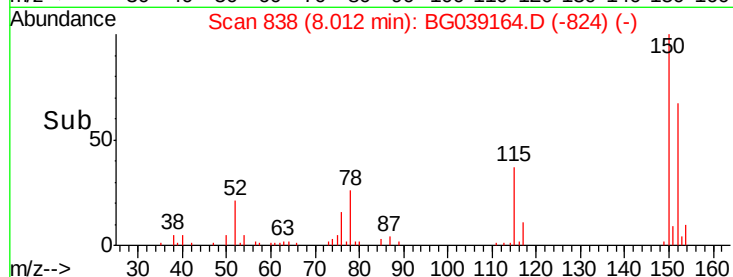
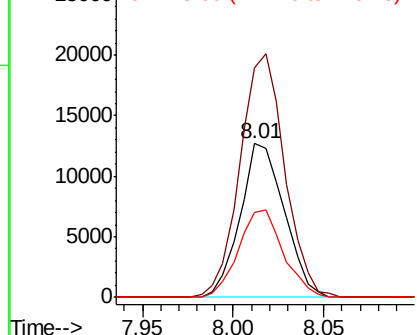
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039164.D
Acq: 16 Jan 2019 19:36

Instrument :
BNA_G
ClientSampled :
S-6

Tot Ion:152 Resp: 21453
Ion Ratio Lower Upper
152 100
150 148.9 124.7 187.1
115 55.4 46.5 69.7



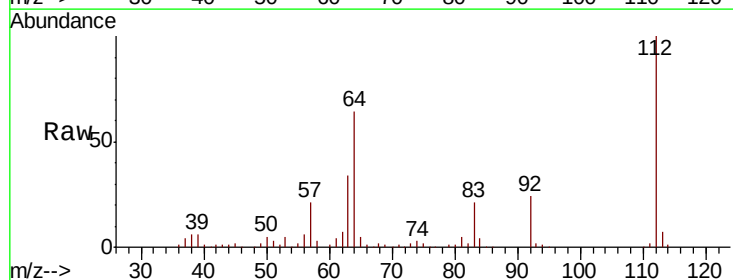
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



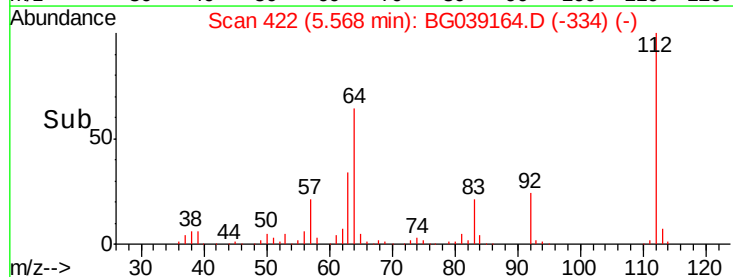
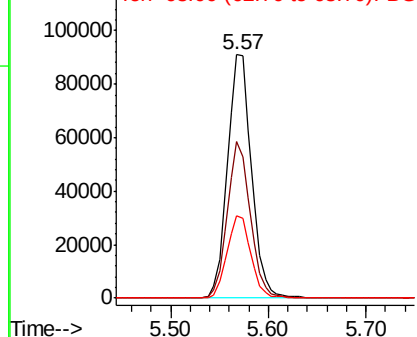
#5

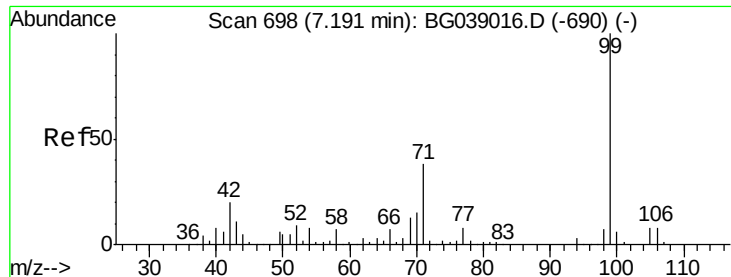
2-Fluorophenol
Concen: 137.184 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039164.D
Acq: 16 Jan 2019 19:36

Tgt Ion:112 Resp: 155141
Ion Ratio Lower Upper
112 100
64 64.5 47.0 70.6
63 34.0 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: 107.041 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039164.D

Acq: 16 Jan 2019 19:36

Instrument :

BNA_G

ClientSampled :

S-6

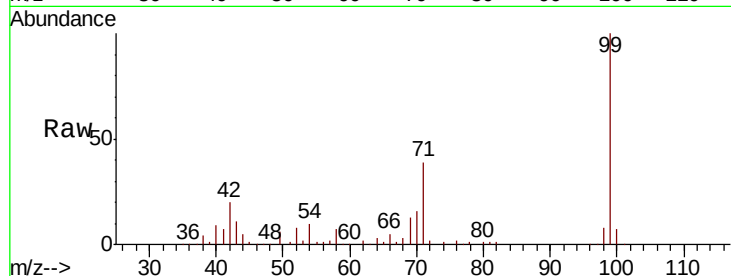
Tot Ion: 99 Resp: 174211

Ion Ratio Lower Upper

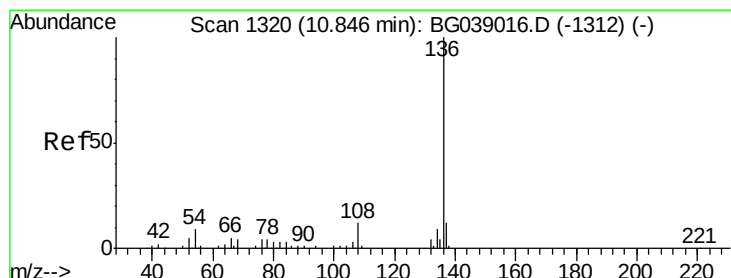
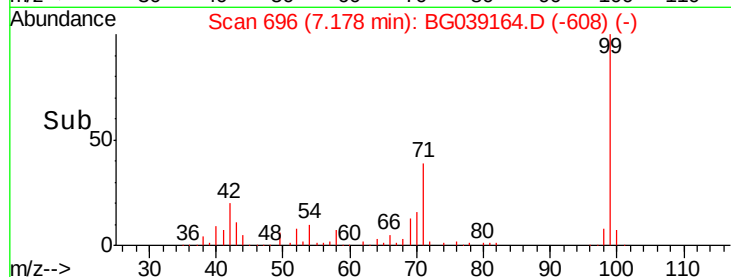
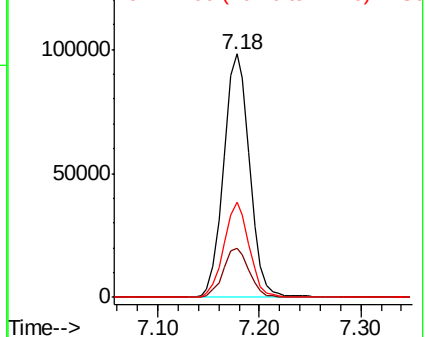
99 100

42 20.2 15.8 23.6

71 39.3 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: 10.83 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG039164.D

Acq: 16 Jan 2019 19:36

Tgt Ion: 136 Resp: 97050

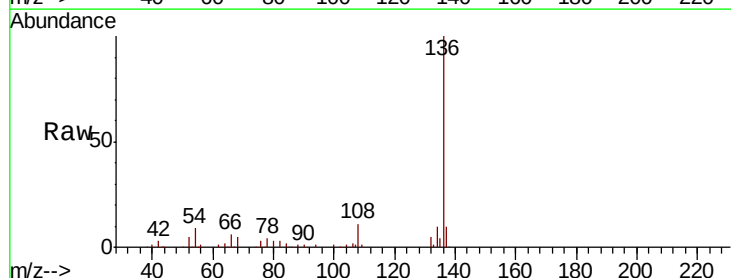
Ion Ratio Lower Upper

136 100

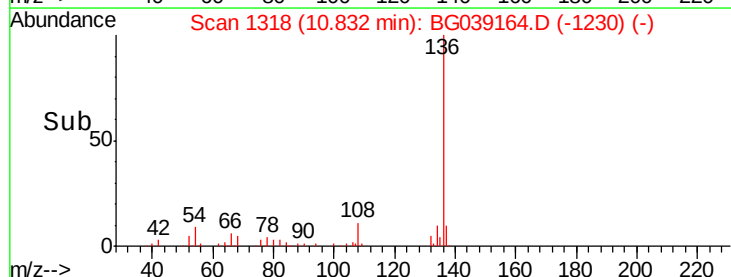
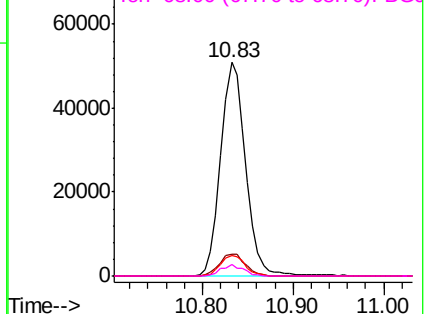
137 10.2 9.4 14.2

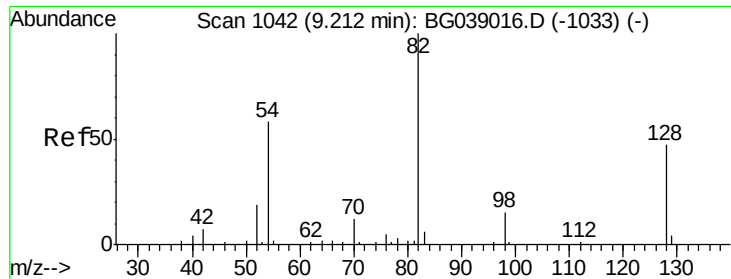
54 9.5 7.2 10.8

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

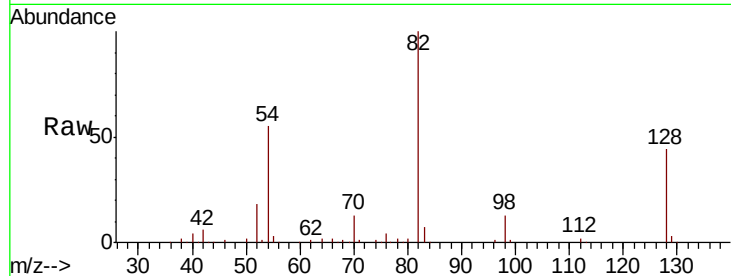




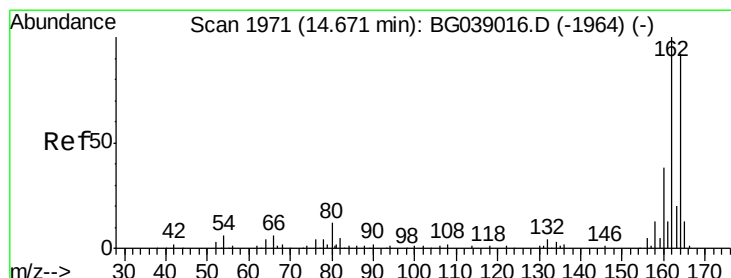
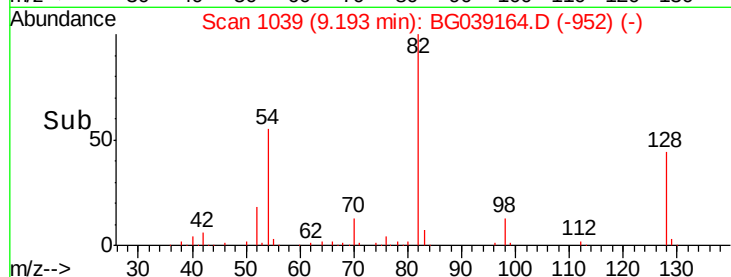
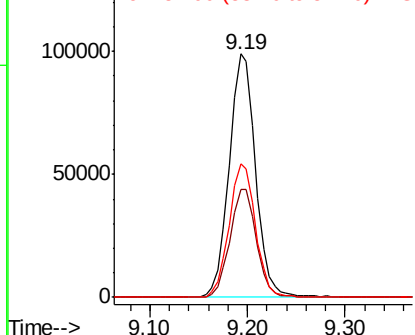
#23
 Nitrobenzene-d5
 Concen: 104.350 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039164.D
 Acq: 16 Jan 2019 19:36

Instrument :
 BNA_G
 ClientSampled :
 S-6

Tot Ion	82	Resp	185075
Ion Ratio	Lower	Upper	
82	100		
128	44.1	37.3	55.9
54	55.0	46.4	69.6

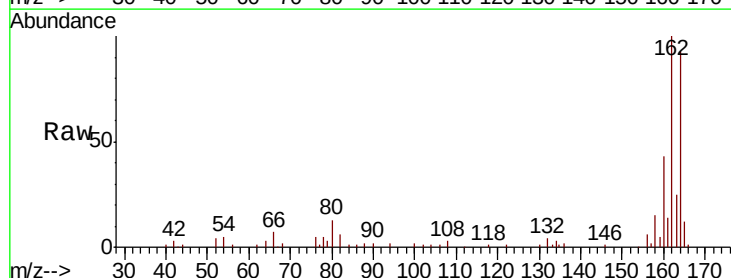


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

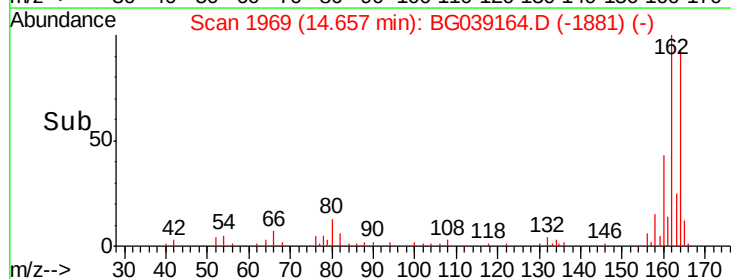
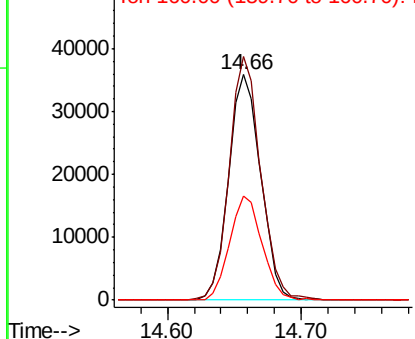


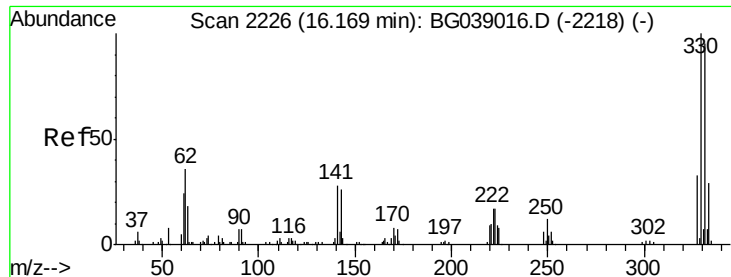
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG039164.D
 Acq: 16 Jan 2019 19:36

Tgt Ion	164	Resp	60037
Ion Ratio	Lower	Upper	
164	100		
162	108.0	87.2	130.8
160	46.0	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: 137.399 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039164.D

Acq: 16 Jan 2019 19:36

Instrument :

BNA_G

ClientSampleId :

S-6

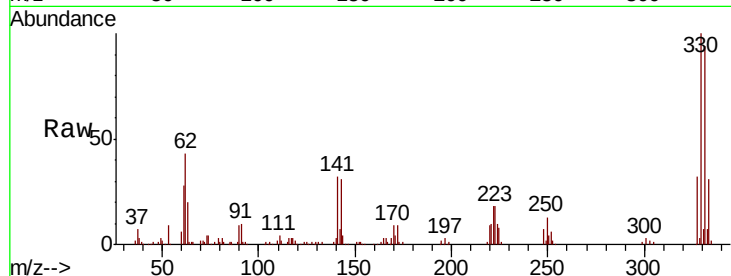
Tot Ion:330 Resp: 138276

Ion Ratio Lower Upper

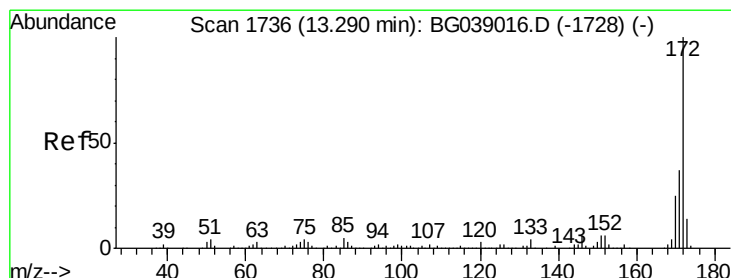
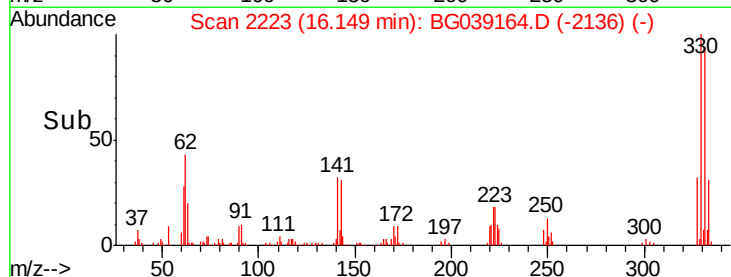
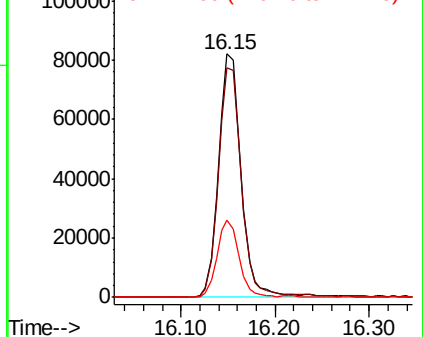
330 100

332 94.8 75.7 113.5

141 30.8 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: 89.945 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG039164.D

Acq: 16 Jan 2019 19:36

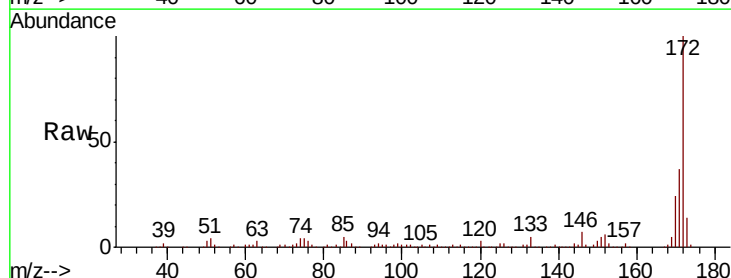
Tgt Ion:172 Resp: 394576

Ion Ratio Lower Upper

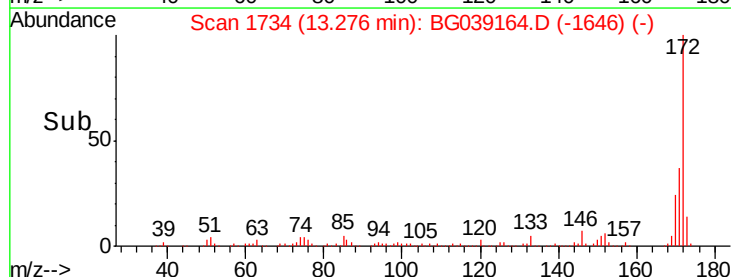
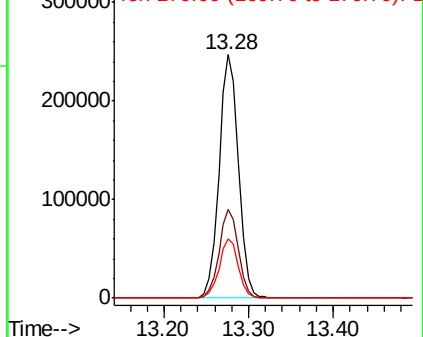
172 100

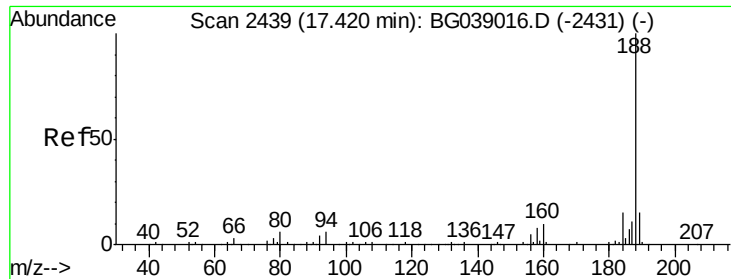
171 36.6 29.4 44.0

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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039164.D

Acq: 16 Jan 2019 19:36

Instrument :

BNA_G

ClientSampled :

S-6

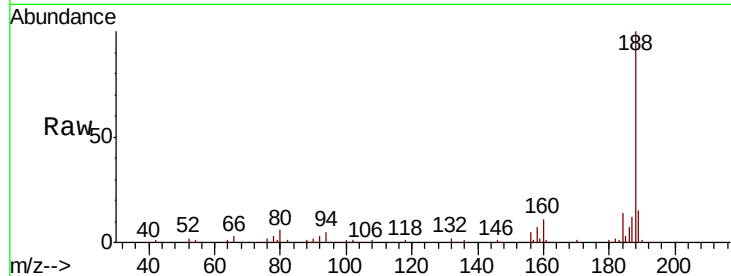
Tot Ion:188 Resp: 166317

Ion Ratio Lower Upper

188 100

94 5.4 5.0 7.4

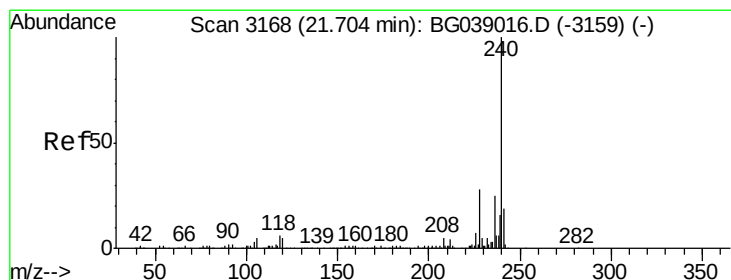
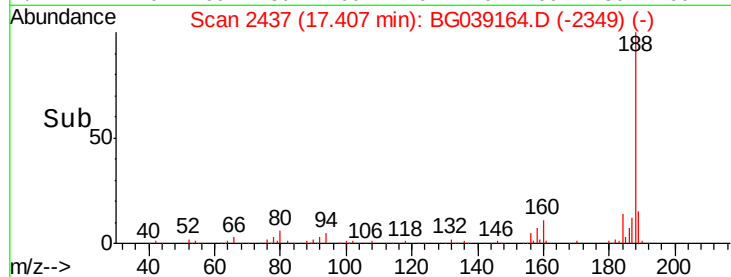
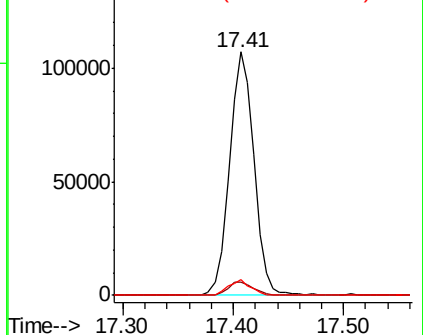
80 6.3 4.7 7.1



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# 3164

Delta R.T. -0.03 min

Lab File: BG039164.D

Acq: 16 Jan 2019 19:36

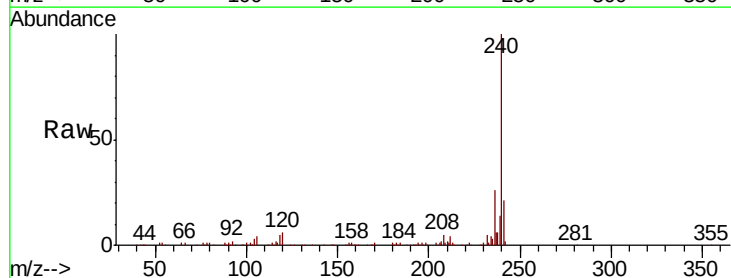
Tgt Ion:240 Resp: 179904

Ion Ratio Lower Upper

240 100

120 5.7 4.3 6.5

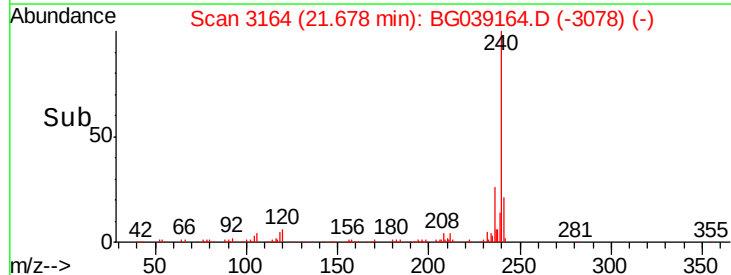
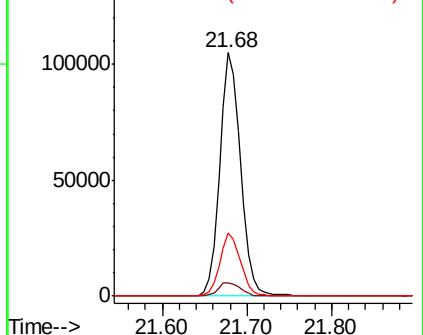
236 26.0 20.1 30.1

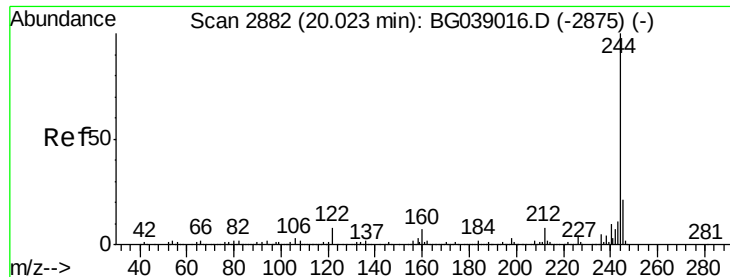


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.292 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039164.D

Acq: 16 Jan 2019 19:36

Instrument :

BNA_G

ClientSampleId :

S-6

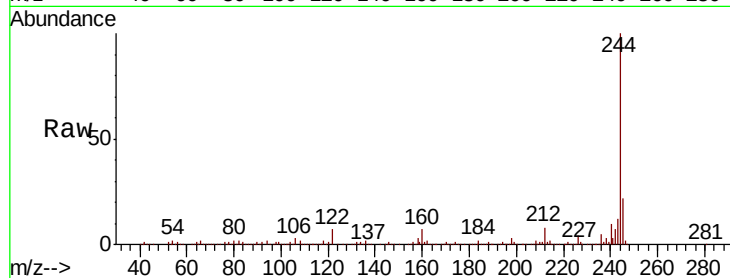
Tot Ion:244 Resp: 839201

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

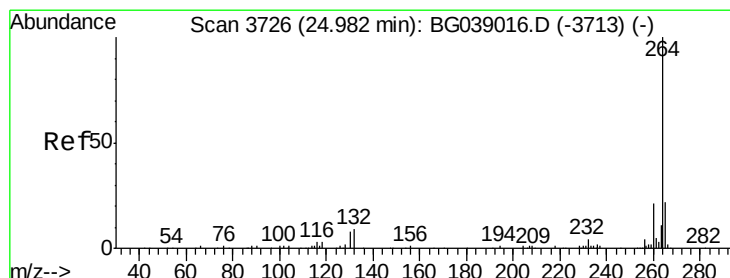
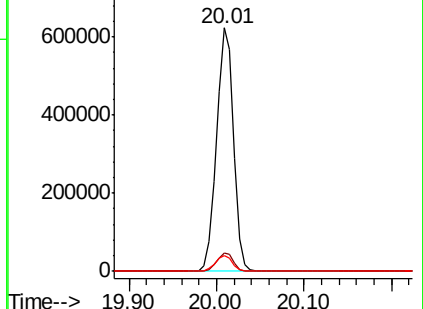
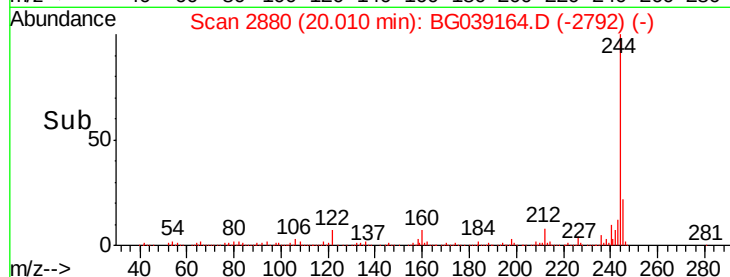
122 6.6 6.1 9.1



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: 24.95 min Scan# 3721

Delta R.T. -0.03 min

Lab File: BG039164.D

Acq: 16 Jan 2019 19:36

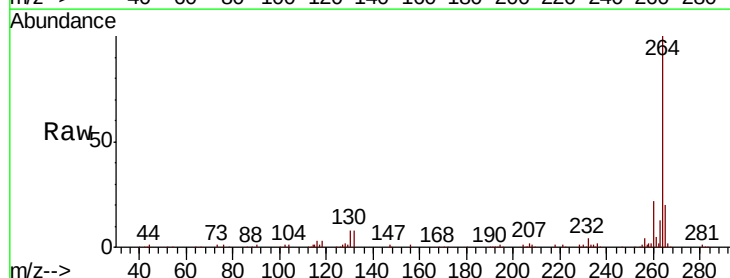
Tgt Ion:264 Resp: 189197

Ion Ratio Lower Upper

264 100

260 21.5 17.0 25.6

265 20.0 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

