

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
 Data File : BG039127.D
 Acq On : 14 Jan 2019 19:09
 Operator : JU/SJ
 Sample : K1135-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-6

Quant Time: Jan 14 23:13:34 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	26465	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	96069	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	82252	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	179747	20.00	ng	0.00
76) Chrysene-d12	21.69	240	186862	20.00	ng	-0.01
87) Perylene-d12	24.96	264	202965	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	100188	71.81	ng	0.00
7) Phenol-d6	7.18	99	80006	39.85	ng	0.00
23) Nitrobenzene-d5	9.20	82	169993	96.83	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	175466	127.26	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	502803	83.66	ng	0.00
79) Terphenyl-d14	20.02	244	899822	89.08	ng	0.00

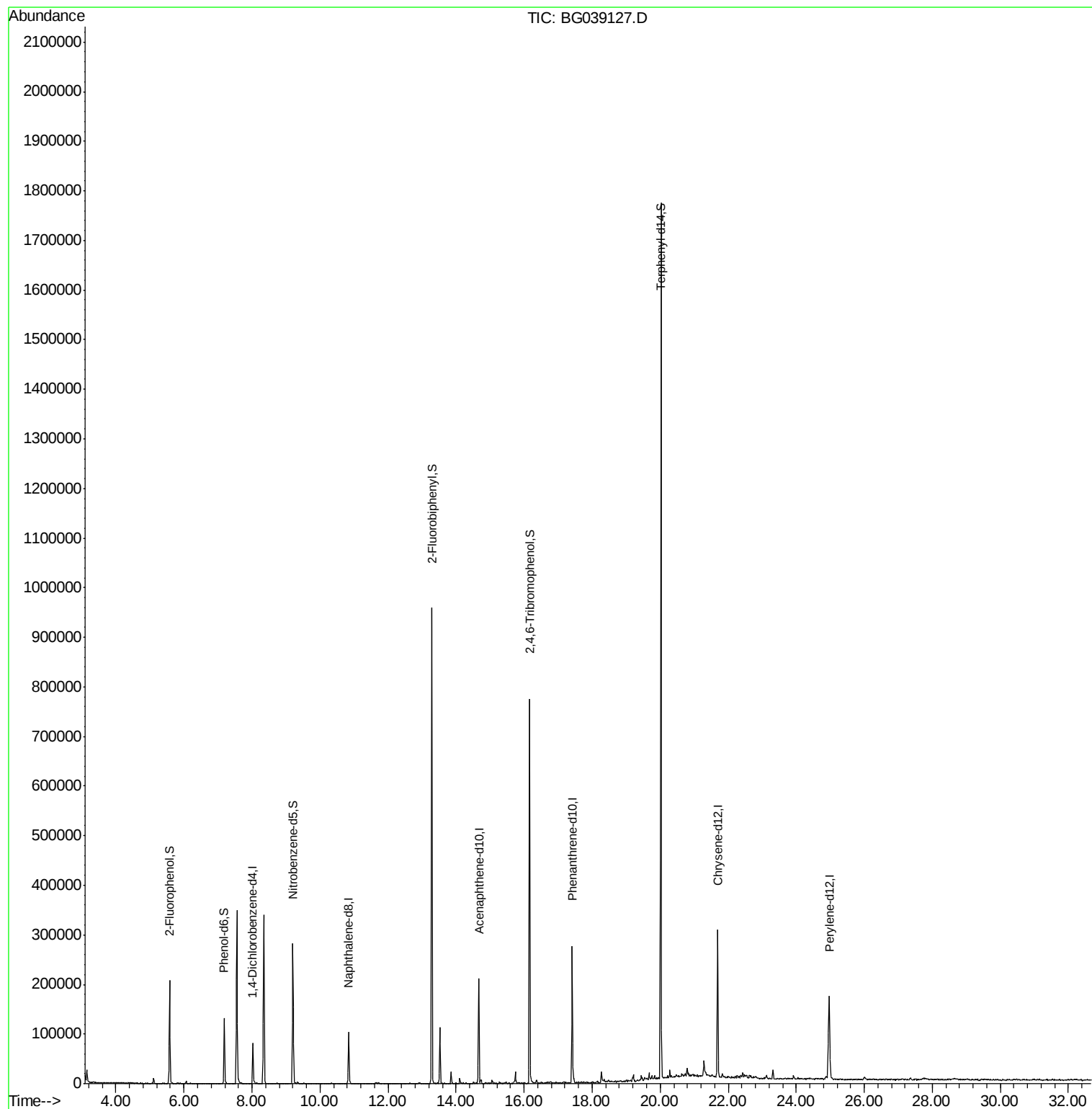
Target Compounds Qvalue

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

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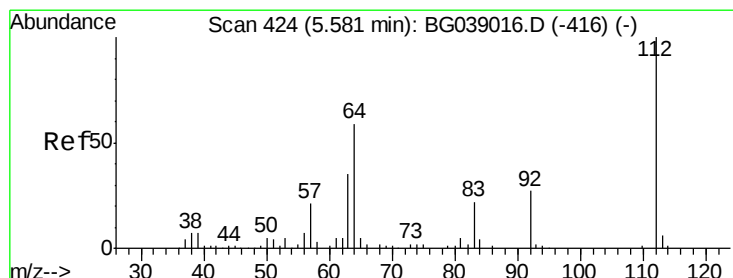
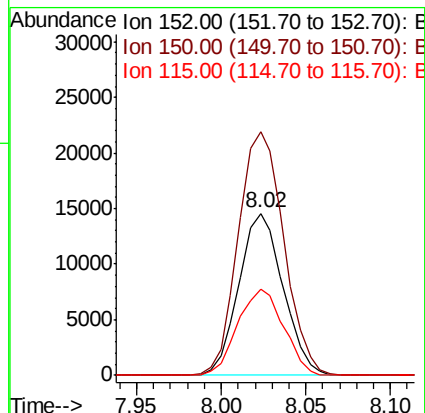
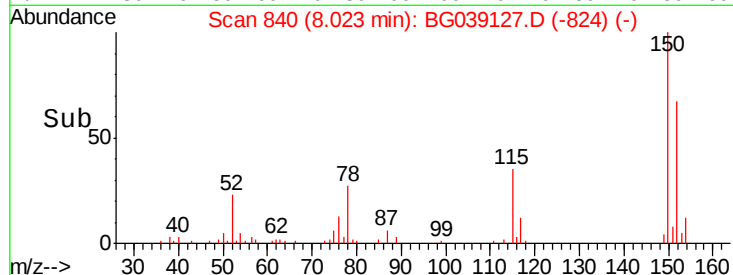
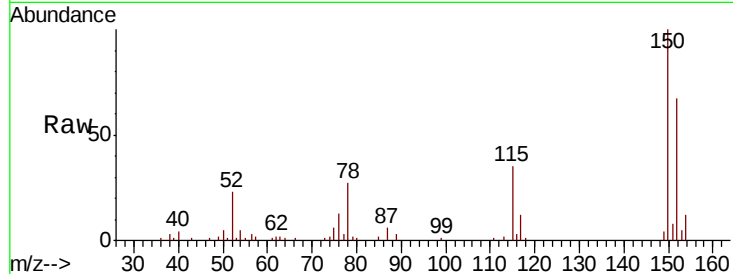


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039127.D
Acq: 14 Jan 2019 19:09

Instrument :
BNA_G
ClientSampleId :
CPGP-6

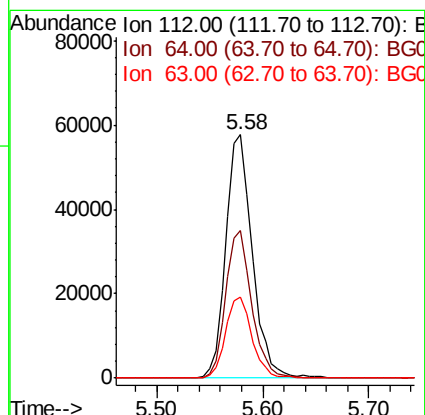
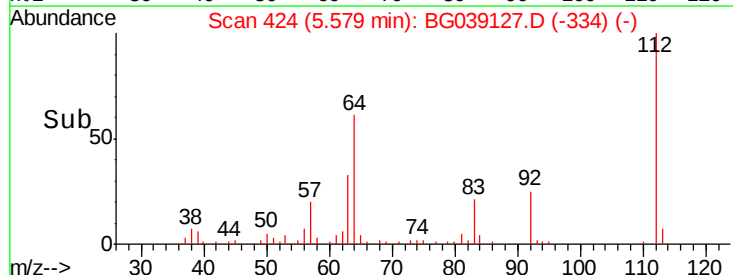
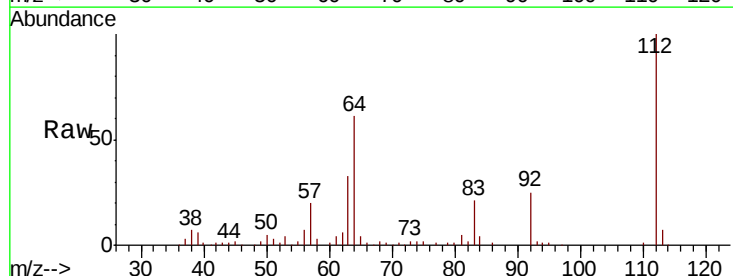
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.7	187.1
115	53.2	46.5	69.7

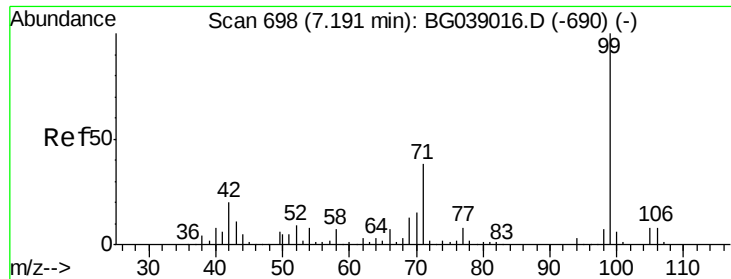


#5

2-Fluorophenol
Concen: 71.814 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039127.D
Acq: 14 Jan 2019 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.0	70.6
63	33.3	28.0	42.0





#7

Phenol-d6

Concen: 39.849 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

Instrument :

BNA_G

ClientSampleId :

CPGP-6

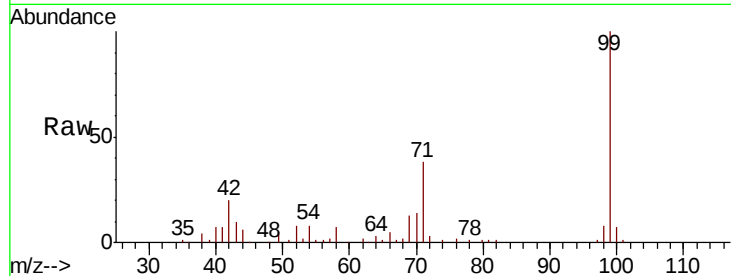
Tot Ion: 99 Resp: 80006

Ion Ratio Lower Upper

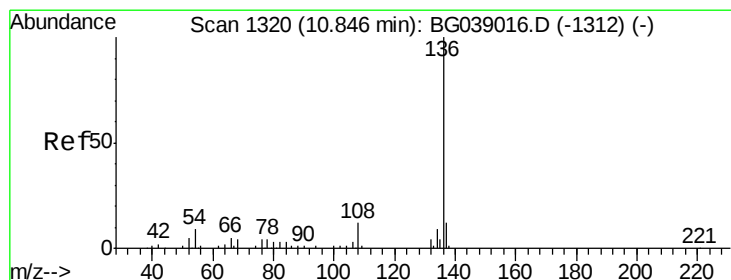
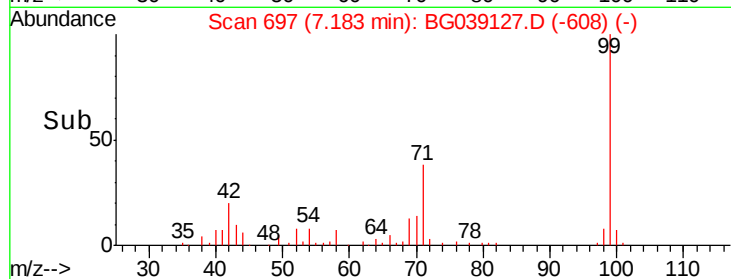
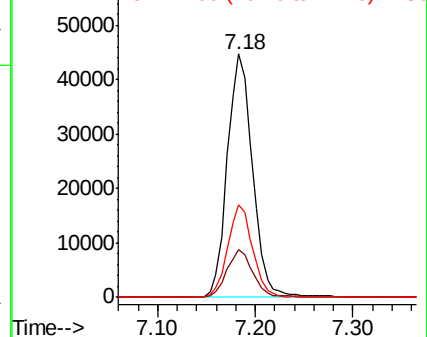
99 100

42 19.7 15.8 23.6

71 38.0 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: BG039127.D

Acq: 14 Jan 2019 19:09

Tgt Ion: 136 Resp: 96069

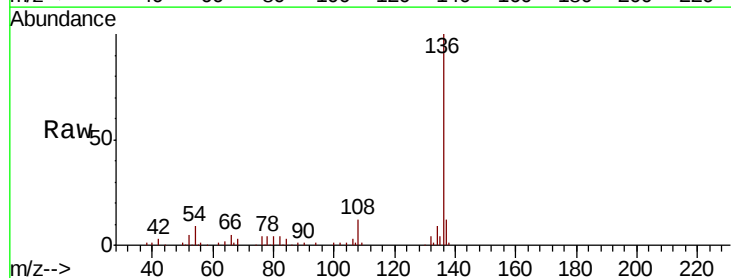
Ion Ratio Lower Upper

136 100

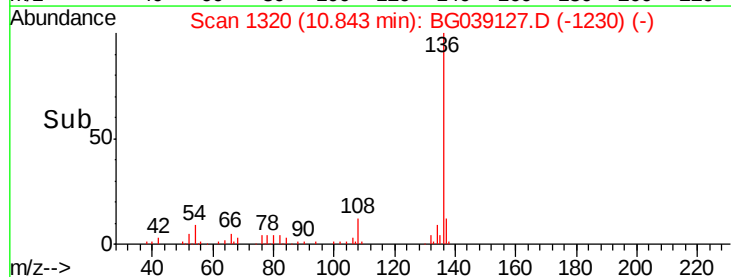
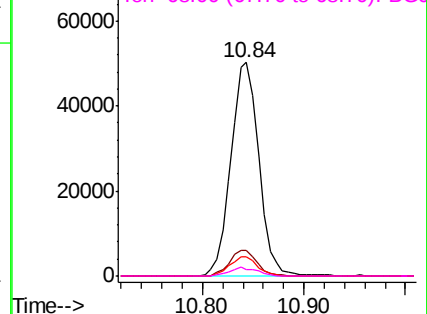
137 11.8 9.4 14.2

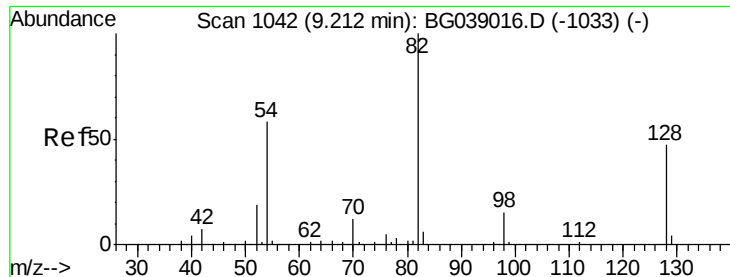
54 8.7 7.2 10.8

68 3.2 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

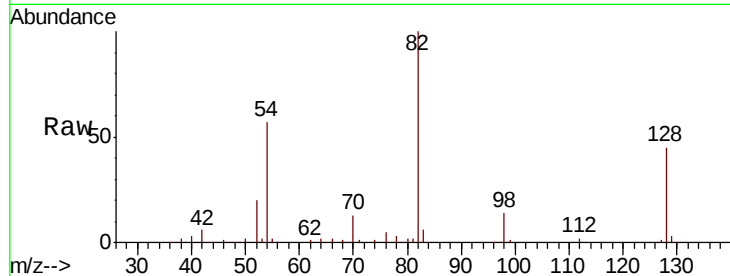




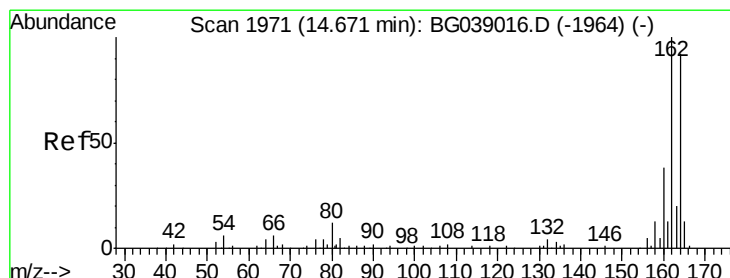
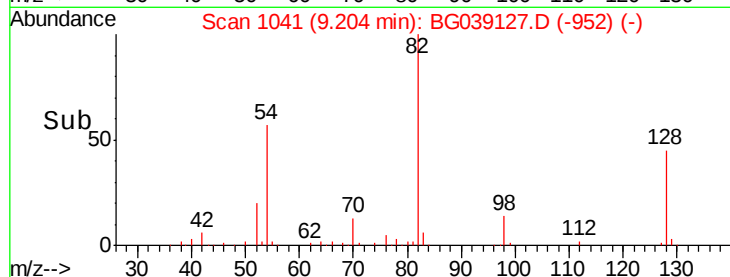
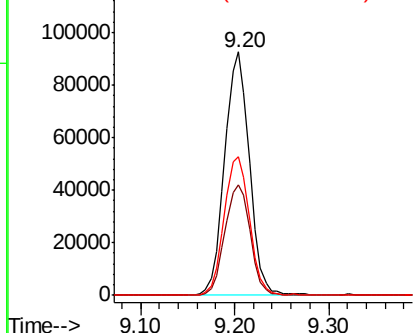
#23
 Nitrobenzene-d5
 Concen: 96.825 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039127.D
 Acq: 14 Jan 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-6

Tot Ion	82	Resp	169993
Ion Ratio	Lower	Upper	
82	100		
128	45.4	37.3	55.9
54	56.9	46.4	69.6

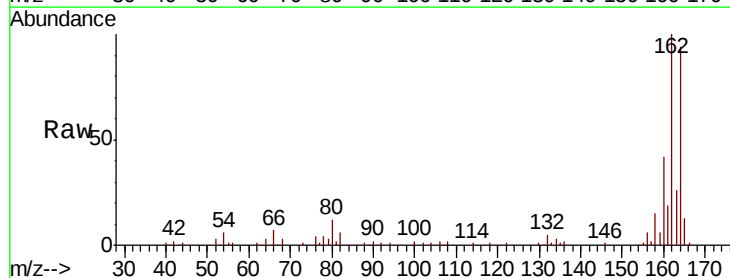


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

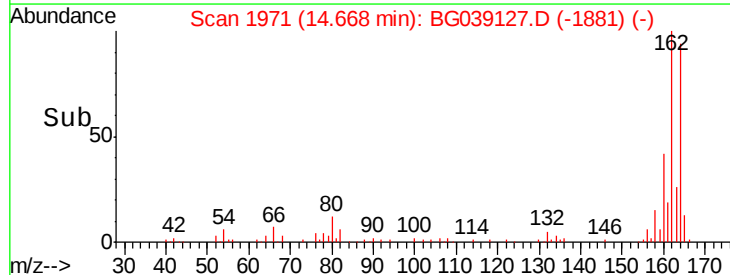
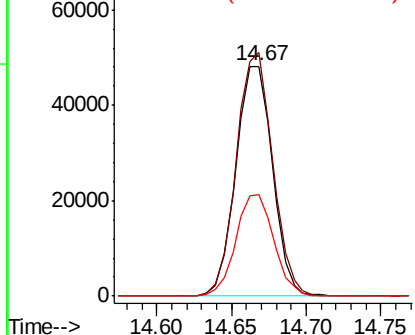


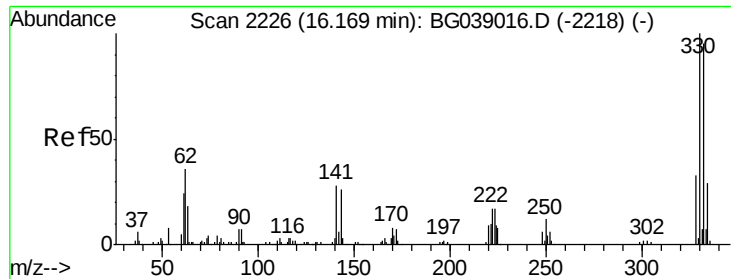
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039127.D
 Acq: 14 Jan 2019 19:09

Tgt Ion	164	Resp	82252
Ion Ratio	Lower	Upper	
164	100		
162	105.8	87.2	130.8
160	44.3	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: 127.263 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

Instrument :

BNA_G

ClientSampled :

CPGP-6

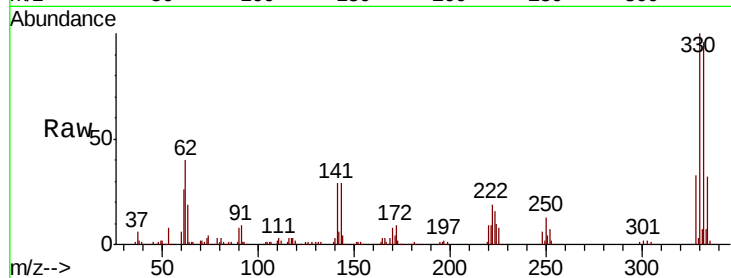
Tot Ion:330 Resp: 175466

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

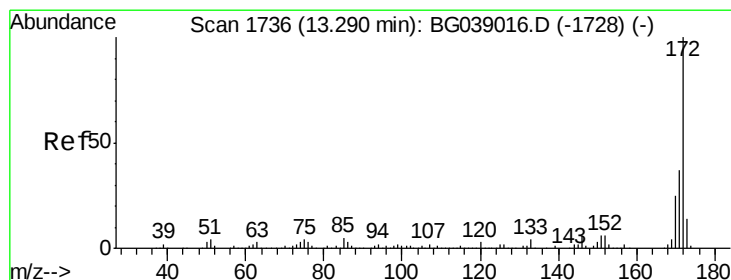
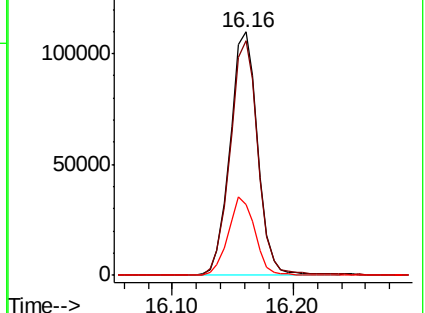
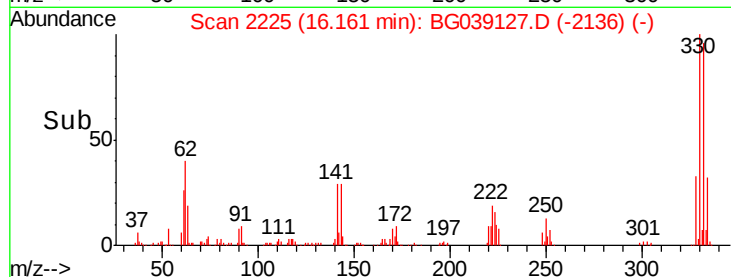
141 30.9 24.9 37.3



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: 83.660 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

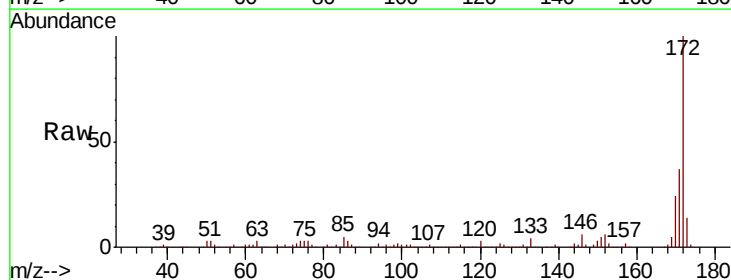
Tgt Ion:172 Resp: 502803

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

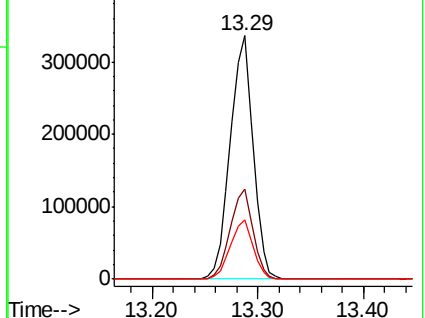
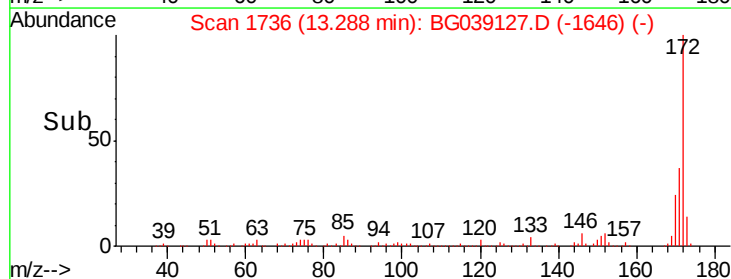
170 24.4 20.1 30.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

Instrument :

BNA_G

ClientSampleId :

CPGP-6

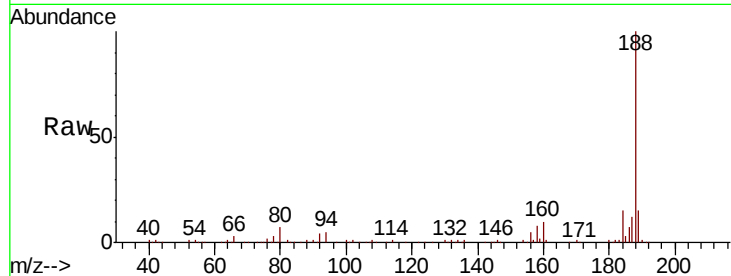
Tot Ion:188 Resp: 179747

Ion Ratio Lower Upper

188 100

94 5.5 5.0 7.4

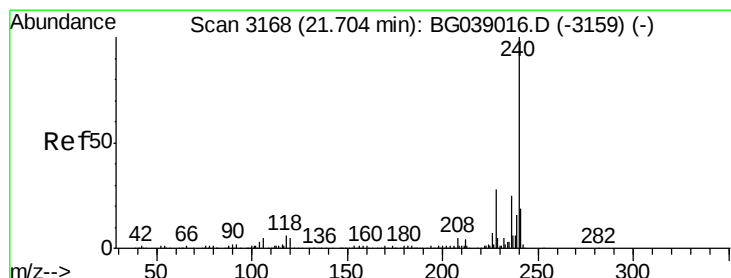
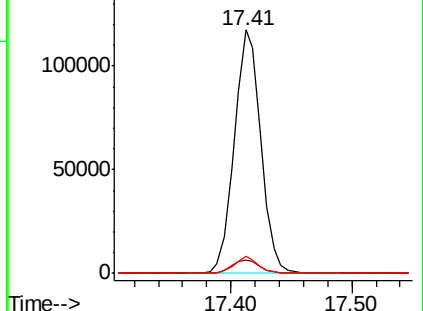
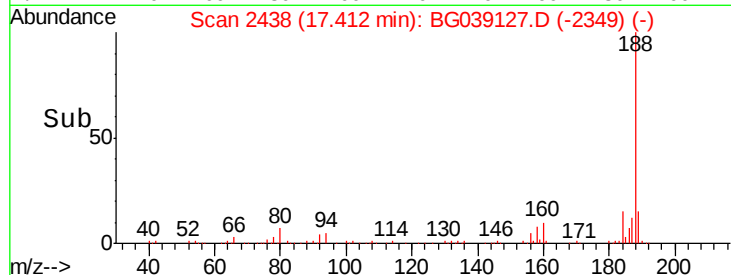
80 6.8 4.7 7.1



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: BG039127.D

Acq: 14 Jan 2019 19:09

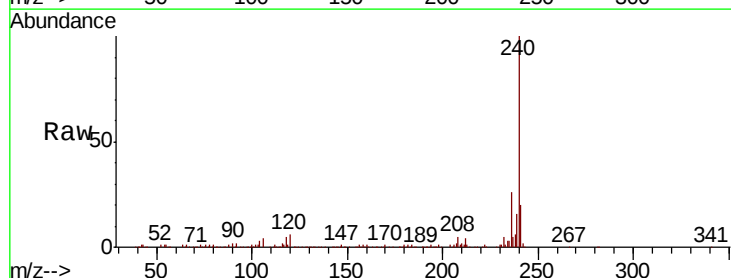
Tgt Ion:240 Resp: 186862

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

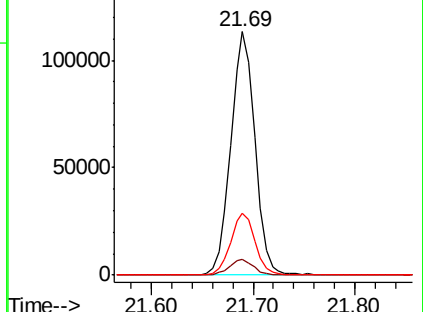
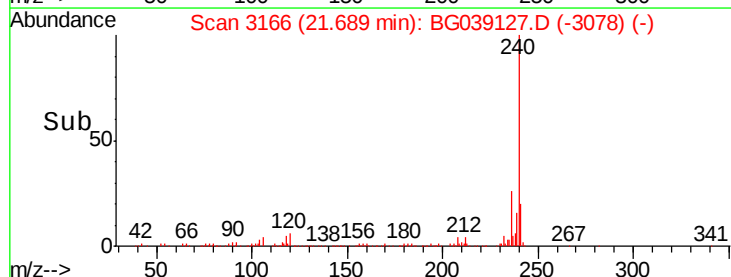
236 25.7 20.1 30.1

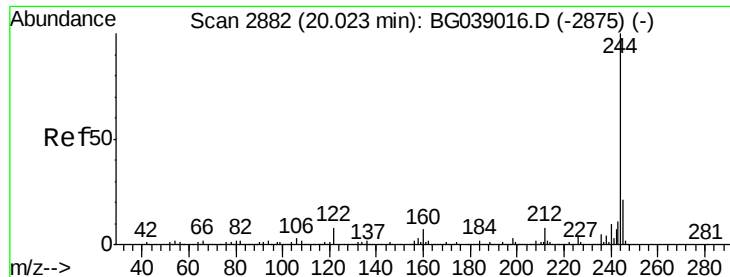


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.080 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

Instrument :

BNA_G

ClientSampleId :

CPGP-6

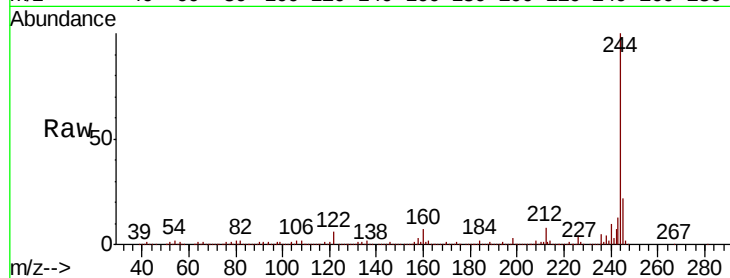
Tot Ion:244 Resp: 899822

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

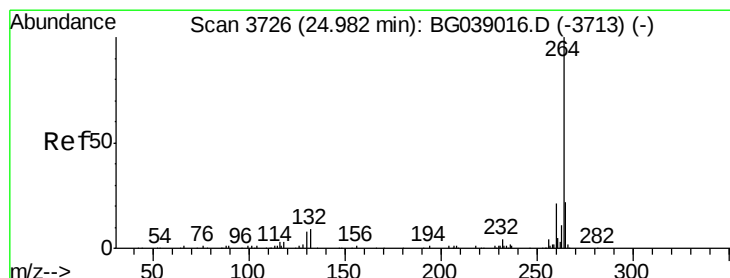
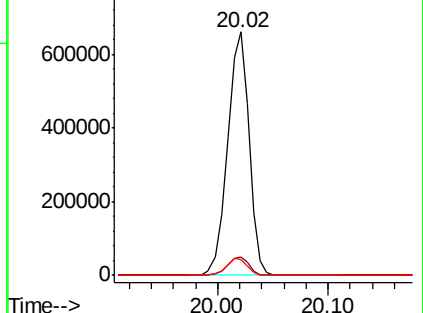
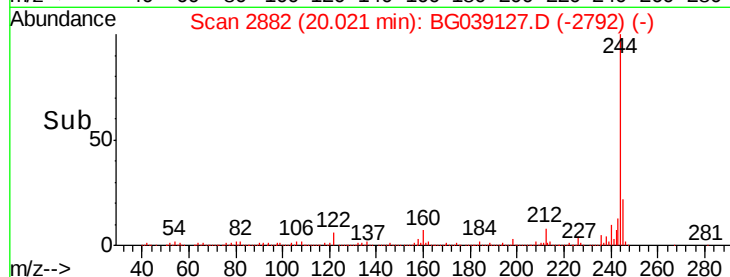
122 6.4 6.1 9.1



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# 3723

Delta R.T. -0.02 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

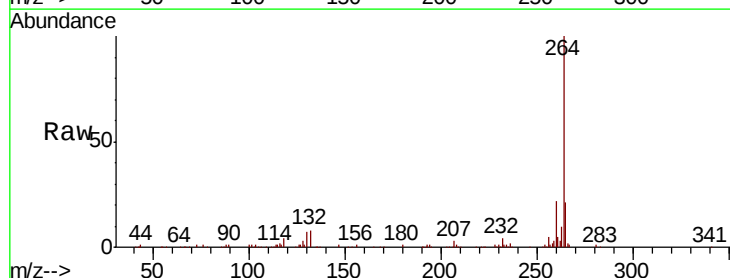
Tgt Ion:264 Resp: 202965

Ion Ratio Lower Upper

264 100

260 21.8 17.0 25.6

265 21.1 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

