

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
 Data File : BG039223.D
 Acq On : 18 Jan 2019 19:53
 Operator : JU/SJ
 Sample : K1148-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-2

Quant Time: Jan 18 22:34:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	12727	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	50413	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	42207	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	108092	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117117	20.00	ng	0.00
87) Perylene-d12	24.93	264	118284	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	45595	67.96	ng	0.00
7) Phenol-d6	7.17	99	39846	41.27	ng	0.00
23) Nitrobenzene-d5	9.19	82	85202	92.48	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	98289	138.92	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	272962	88.51	ng	0.00
79) Terphenyl-d14	20.00	244	563305	88.98	ng	0.00

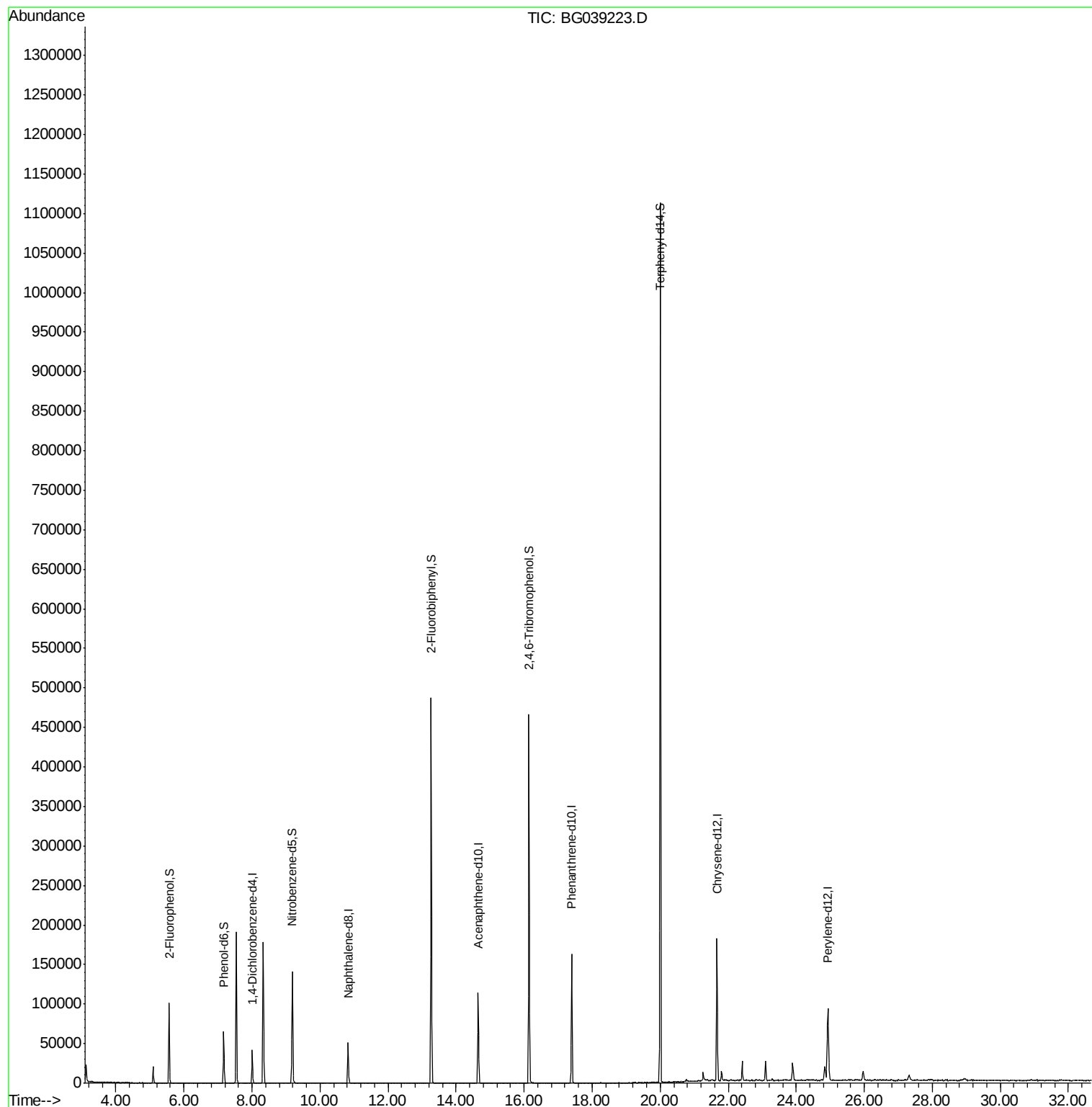
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039223.D
Acq On : 18 Jan 2019 19:53
Operator : JU/SJ
Sample : K1148-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-2

Quant Time: Jan 18 22:34:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration



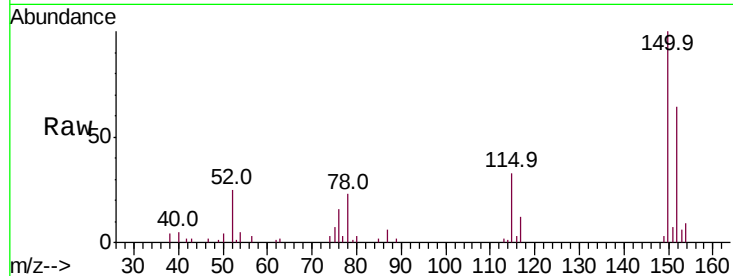


#1

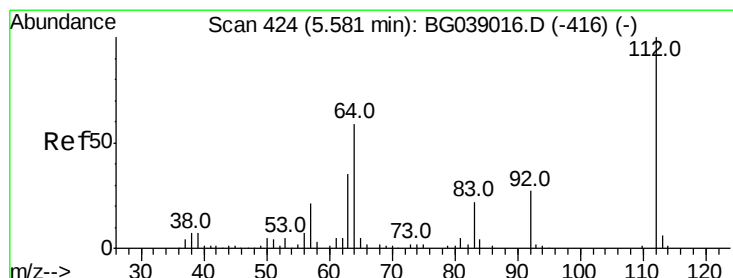
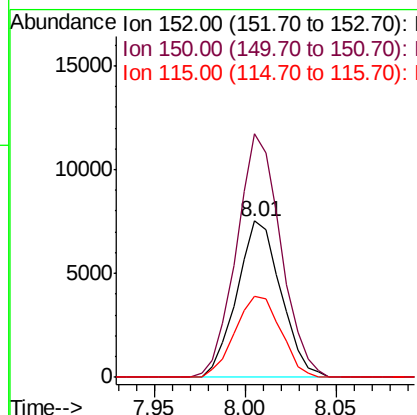
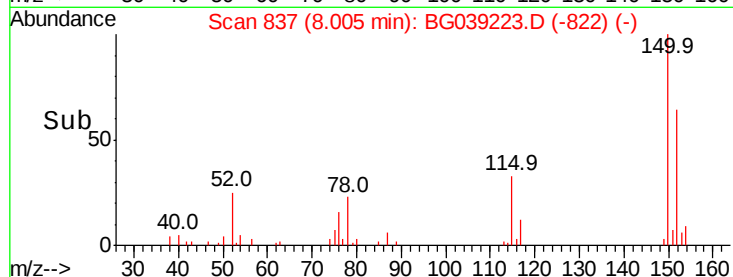
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039223.D
Acq: 18 Jan 2019 19:53

Instrument :
BNA_G
ClientSampleId :
T-2

Tot Ion:152 Resp: 12727
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 51.7 46.5 69.7



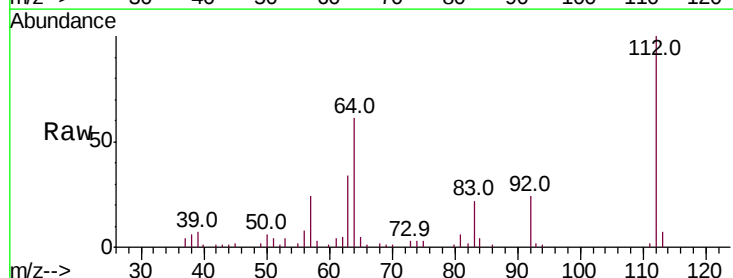
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



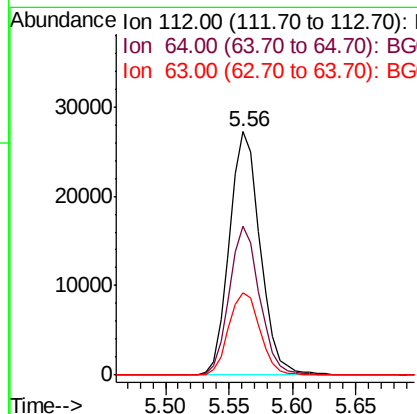
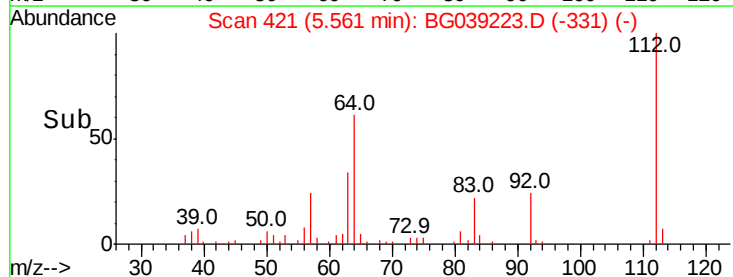
#5

2-Fluorophenol
Concen: 67.960 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039223.D
Acq: 18 Jan 2019 19:53

Tgt Ion:112 Resp: 45595
Ion Ratio Lower Upper
112 100
64 61.1 47.0 70.6
63 33.9 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: 41.269 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039223.D

Acq: 18 Jan 2019 19:53

Instrument :

BNA_G

ClientSampleId :

T-2

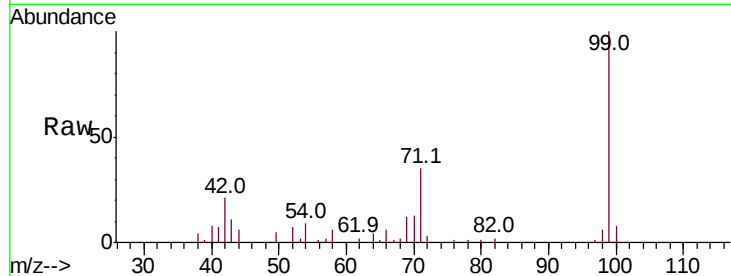
Tot Ion: 99 Resp: 39846

Ion Ratio Lower Upper

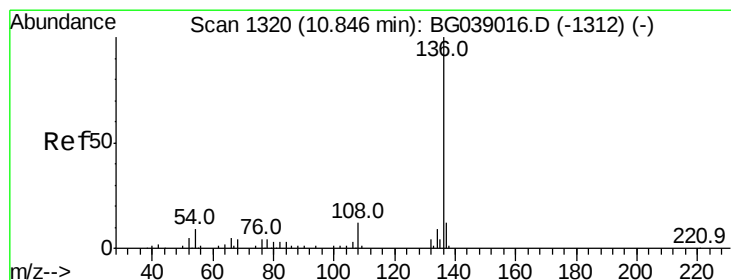
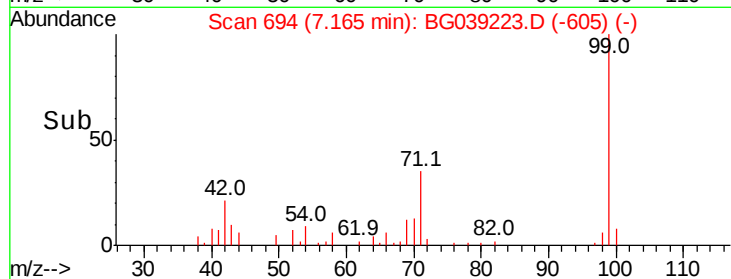
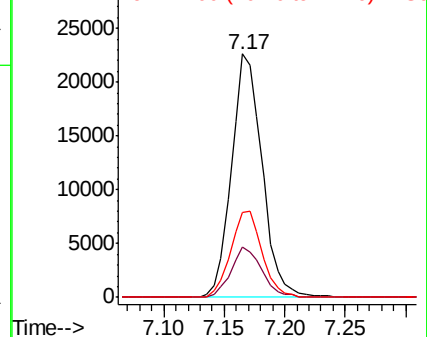
99 100

42 20.6 15.8 23.6

71 34.7 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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG039223.D

Acq: 18 Jan 2019 19:53

Tgt Ion:136 Resp: 50413

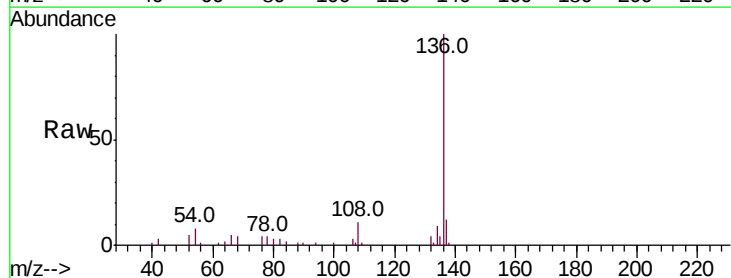
Ion Ratio Lower Upper

136 100

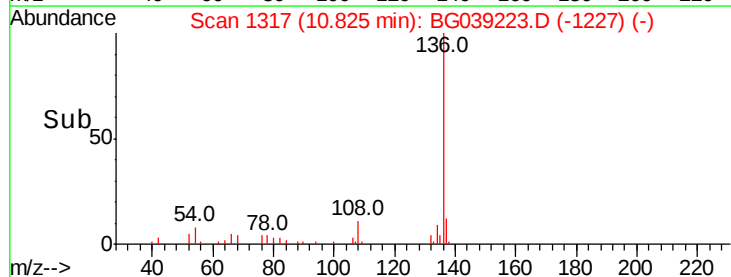
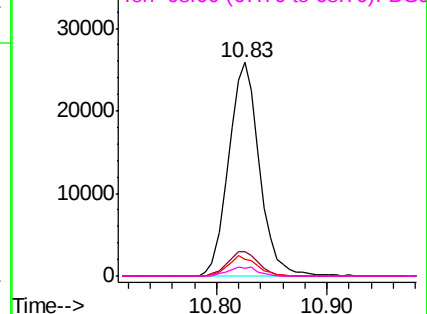
137 11.6 9.4 14.2

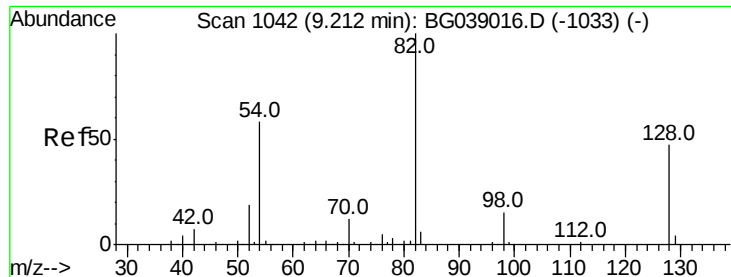
54 8.1 7.2 10.8

68 3.8 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

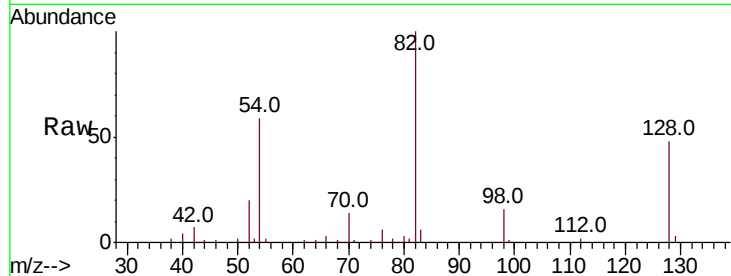




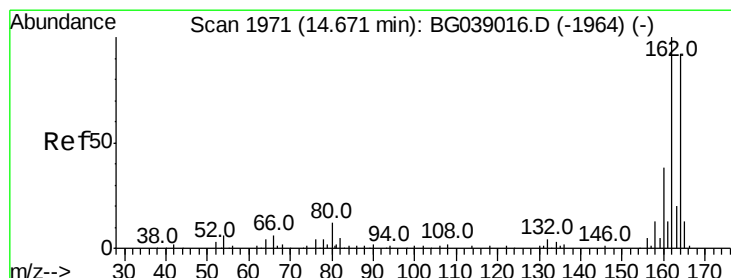
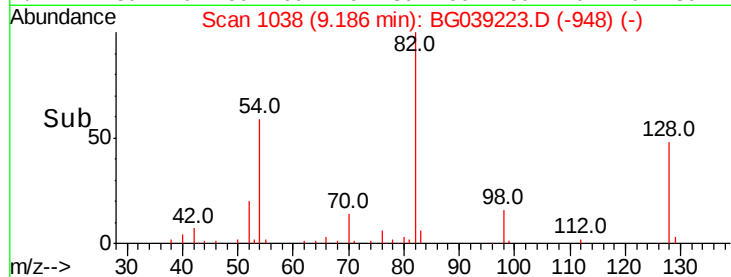
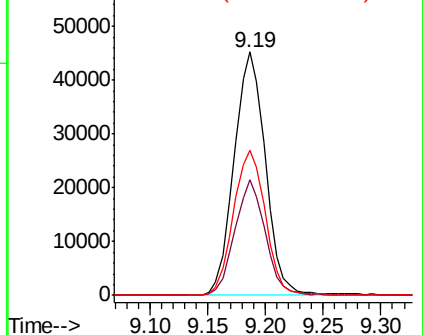
#23
 Nitrobenzene-d5
 Concen: 92.480 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039223.D
 Acq: 18 Jan 2019 19:53

Instrument :
 BNA_G
 ClientSampled :
 T-2

Tot Ion: 82 Resp: 85202
 Ion Ratio Lower Upper
 82 100
 128 47.7 37.3 55.9
 54 59.4 46.4 69.6

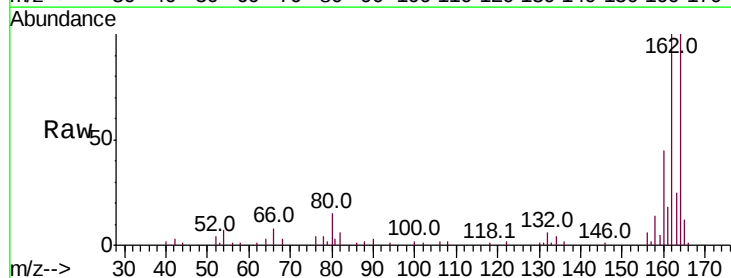


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

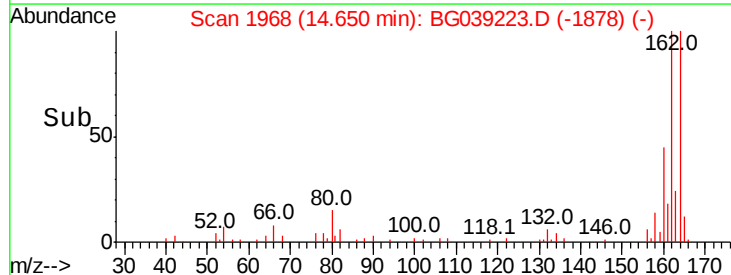
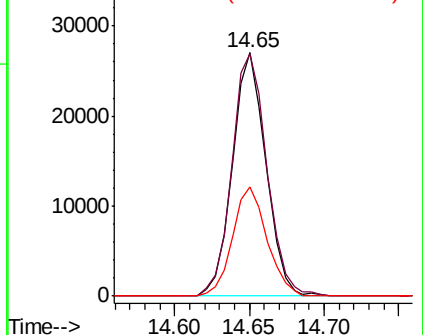


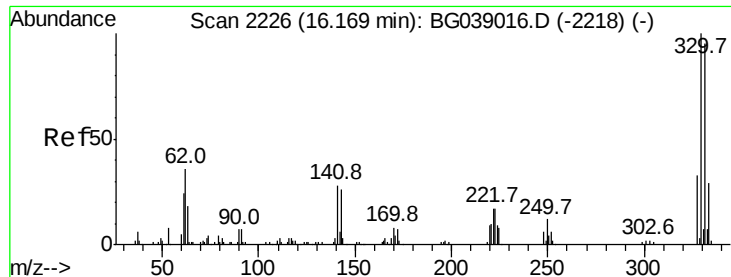
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG039223.D
 Acq: 18 Jan 2019 19:53

Tgt Ion: 164 Resp: 42207
 Ion Ratio Lower Upper
 164 100
 162 99.6 87.2 130.8
 160 44.6 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: 138.923 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039223.D

Acq: 18 Jan 2019 19:53

Instrument :

BNA_G

ClientSampled :

T-2

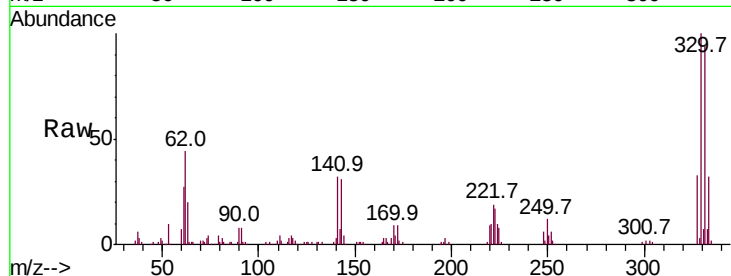
Tot Ion:330 Resp: 98289

Ion Ratio Lower Upper

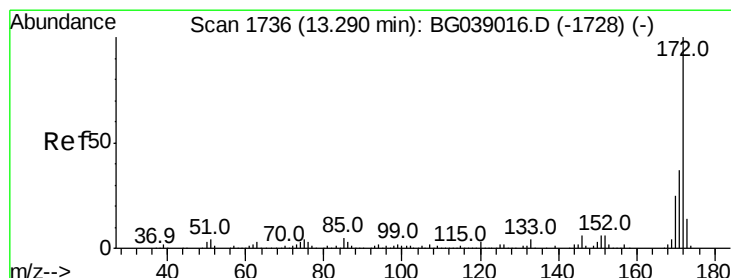
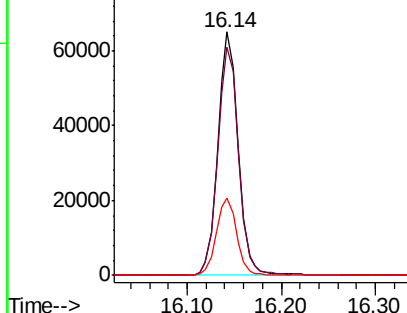
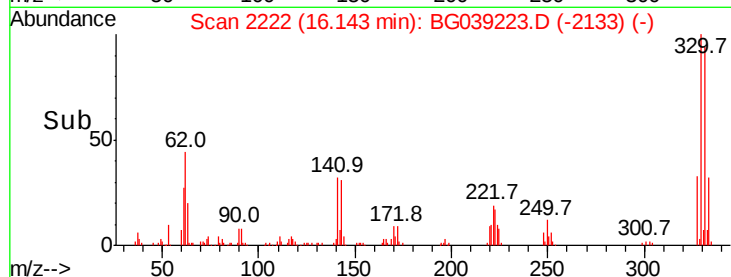
330 100

332 95.9 75.7 113.5

141 32.0 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: 88.508 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BG039223.D

Acq: 18 Jan 2019 19:53

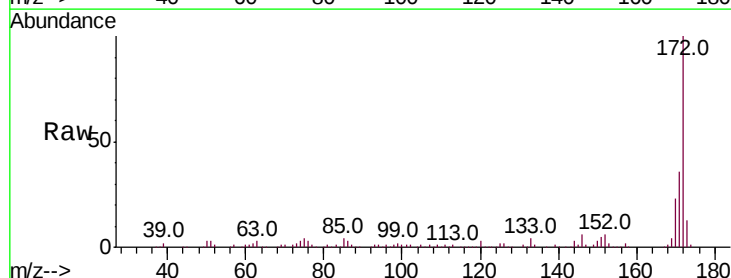
Tgt Ion:172 Resp: 272962

Ion Ratio Lower Upper

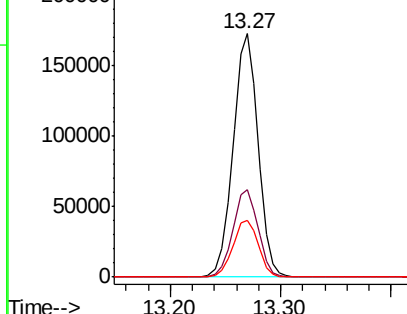
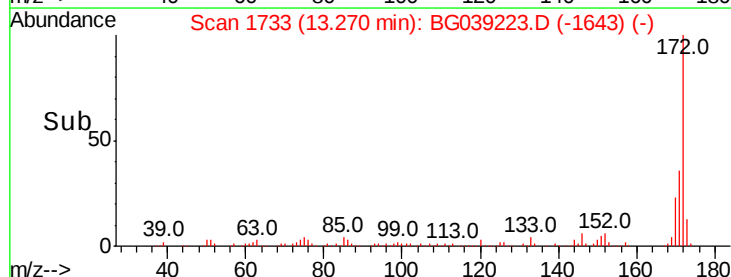
172 100

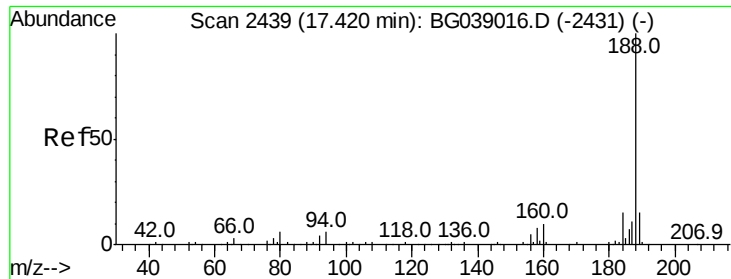
171 36.2 29.4 44.0

170 23.3 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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG039223.D

Acq: 18 Jan 2019 19:53

Instrument :

BNA_G

ClientSampleId :

T-2

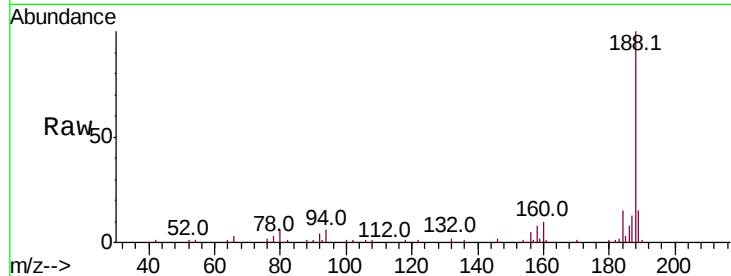
Tot Ion:188 Resp: 108092

Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.4

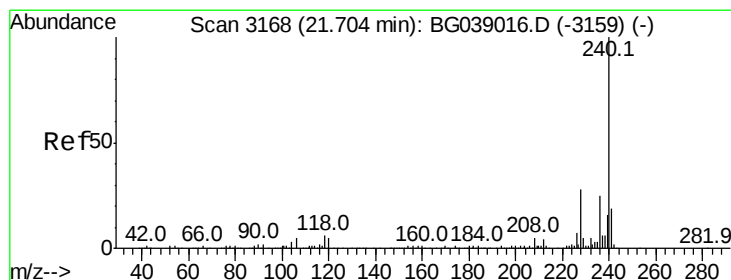
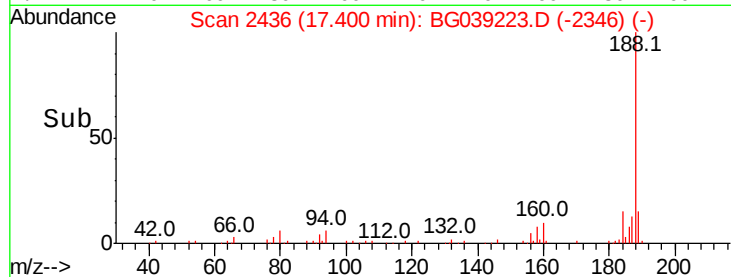
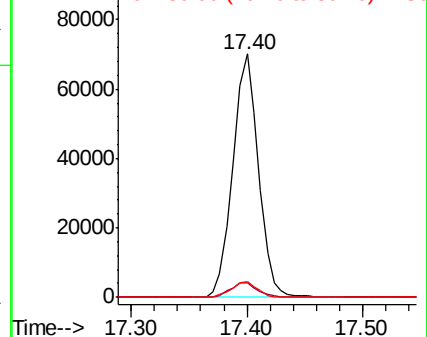
80 6.4 4.7 7.1



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: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039223.D

Acq: 18 Jan 2019 19:53

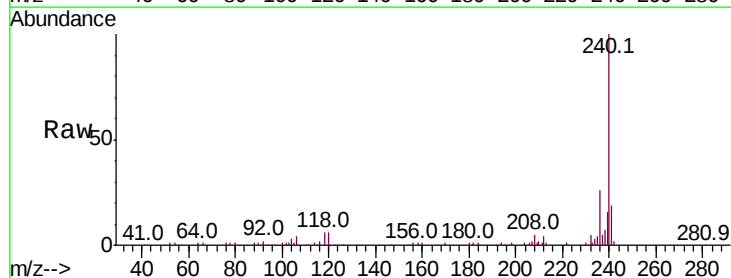
Tgt Ion:240 Resp: 117117

Ion Ratio Lower Upper

240 100

120 6.4 4.3 6.5

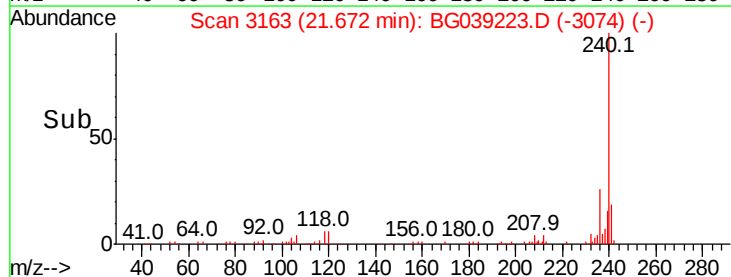
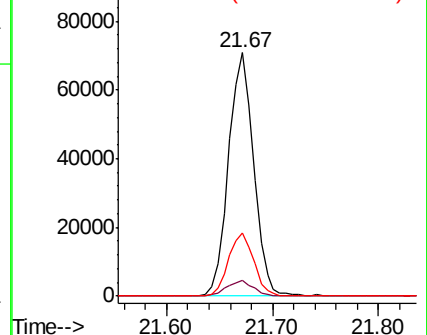
236 26.1 20.1 30.1

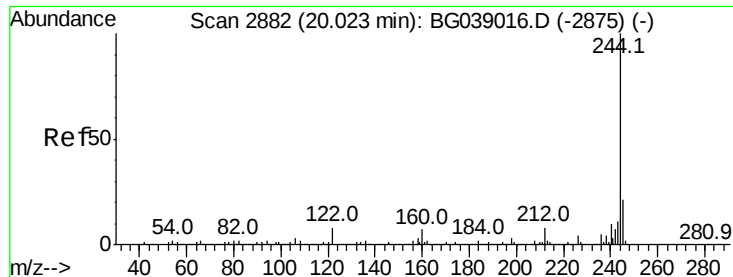


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

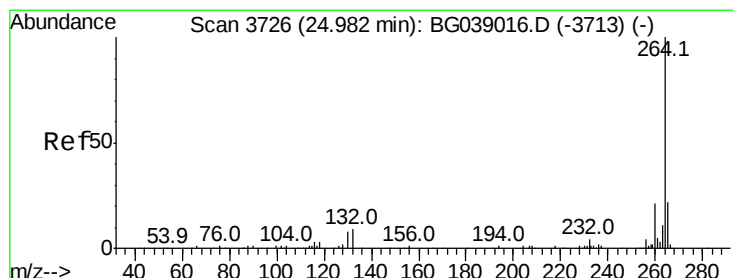
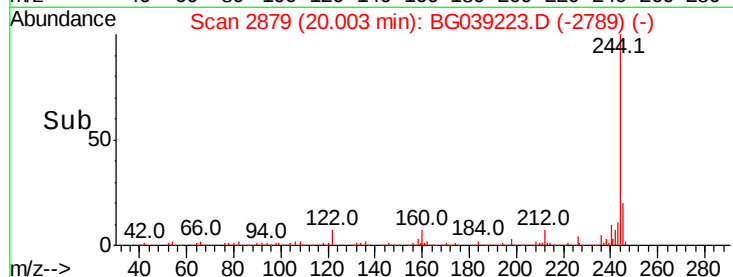
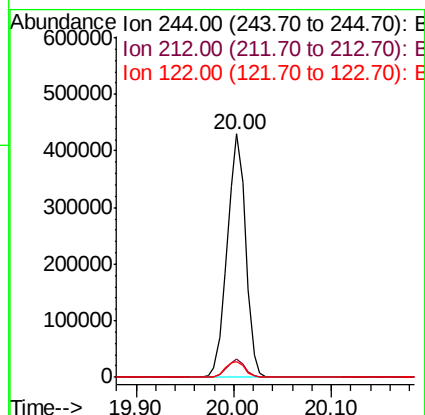
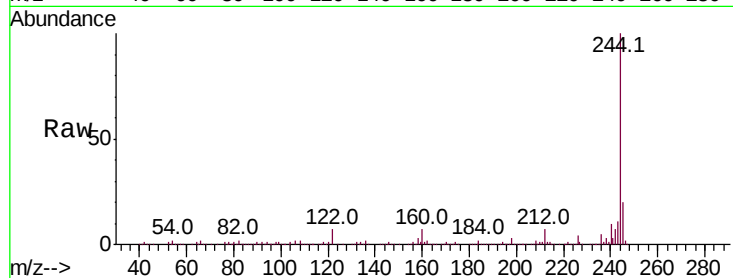




#79
 Terphenyl-d14
 Concen: 88.975 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG039223.D
 Acq: 18 Jan 2019 19:53

Instrument :
 BNA_G
 ClientSampleId :
 T-2

Tot Ion:	244	Resp:	563305
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.6	6.1	9.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG039223.D
 Acq: 18 Jan 2019 19:53

Tgt Ion:	264	Resp:	118284
Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.0	25.6
265	22.3	17.2	25.8

