

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039336.D
 Acq On : 30 Jan 2019 20:31
 Operator : JU/SJ
 Sample : PB116724TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116724TB

Quant Time: Jan 31 06:07:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	42119	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	183567	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	120581	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	300177	20.00	ng	0.00
76) Chrysene-d12	21.84	240	331327	20.00	ng	-0.01
87) Perylene-d12	25.23	264	328621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	400481	162.74	ng	0.00
7) Phenol-d6	7.32	99	570094	157.38	ng	0.00
23) Nitrobenzene-d5	9.35	82	320148	108.95	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	203596	156.80	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	814274	96.87	ng	0.00
79) Terphenyl-d14	20.15	244	1371180	87.60	ng	0.00

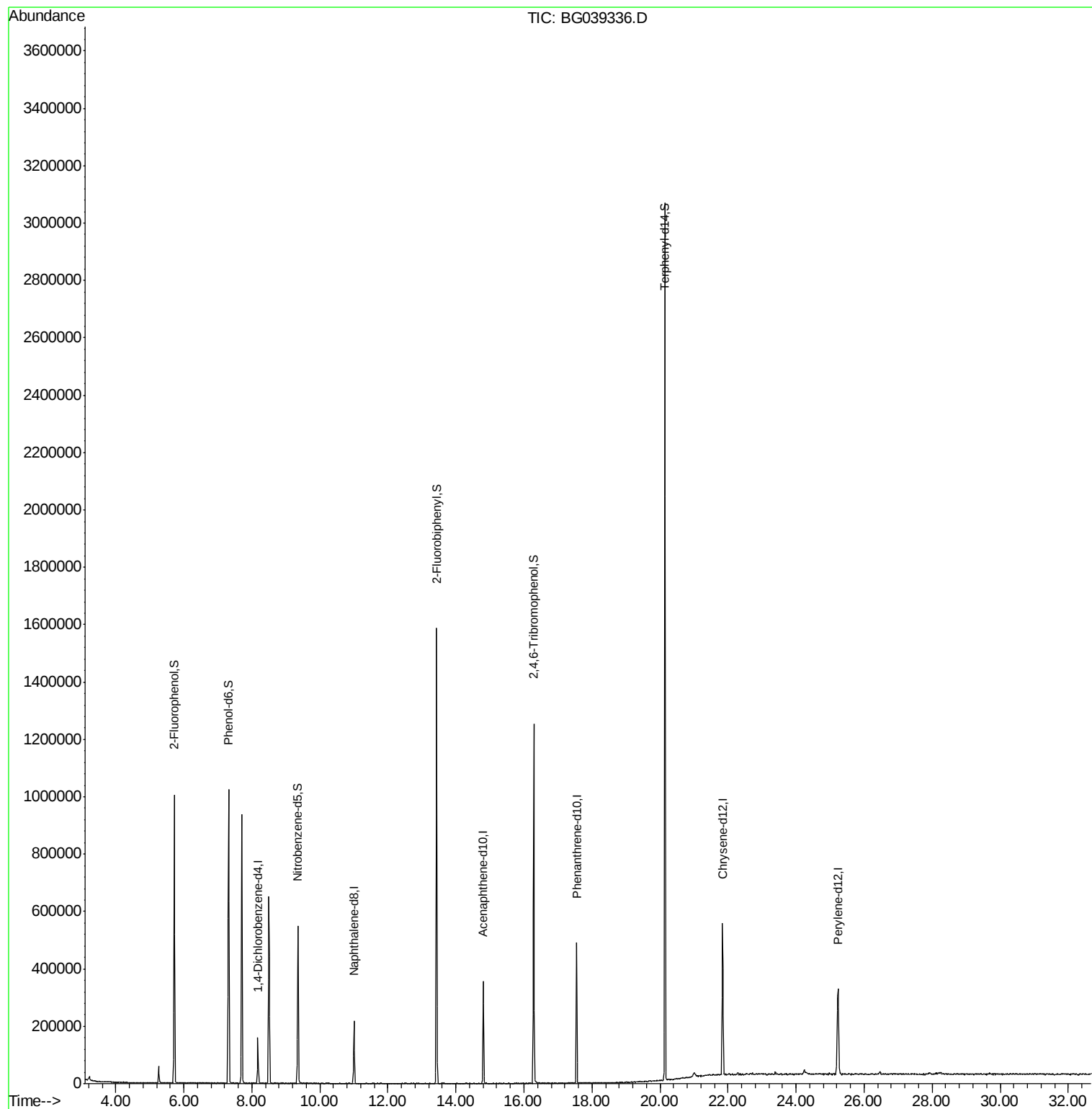
Target Compounds Qvalue

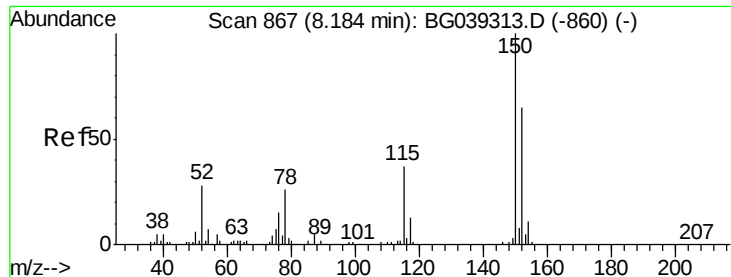
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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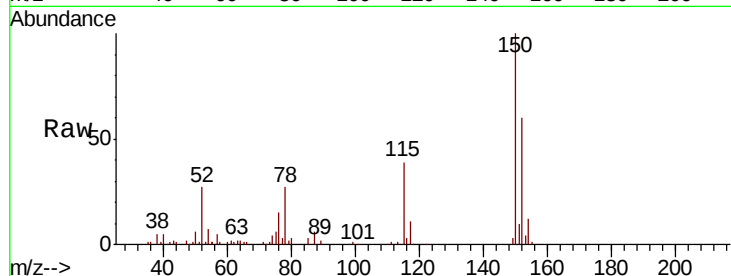


#1

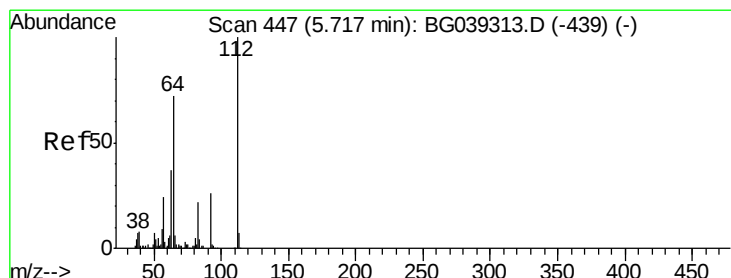
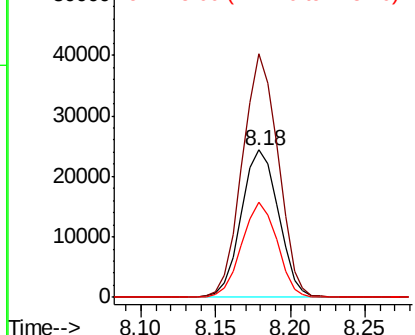
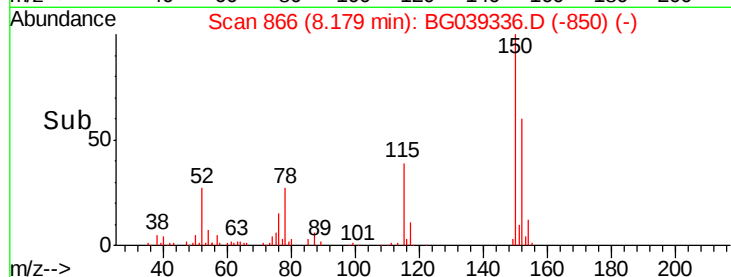
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tot Ion:152 Resp: 42119
Ion Ratio Lower Upper
152 100
150 165.6 123.7 185.5
115 65.0 45.9 68.9



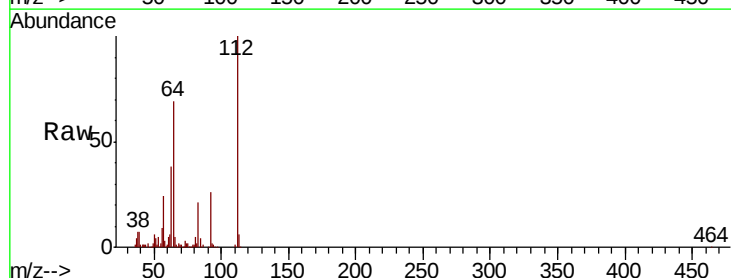
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



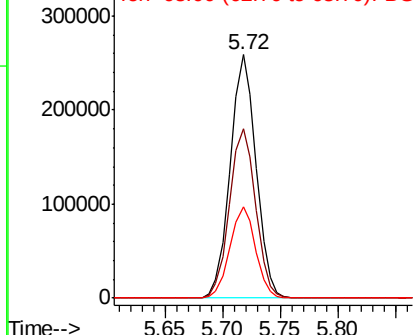
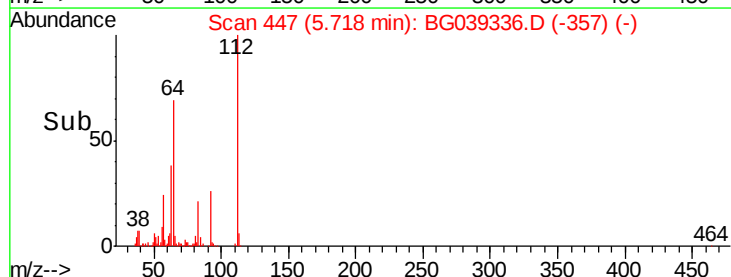
#5

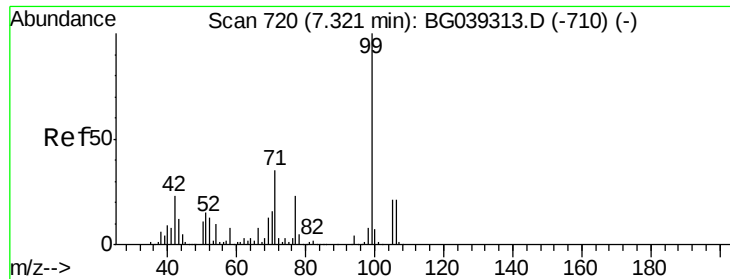
2-Fluorophenol
Concen: 162.736 ng
RT: 5.72 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion:112 Resp: 400481
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.8
63 37.7 29.8 44.6



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: 157.379 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039336.D

Acq: 30 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

PB116724TB

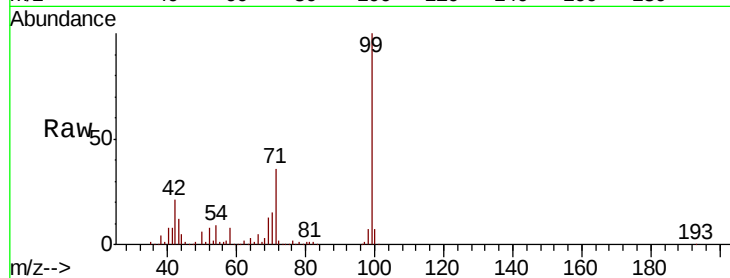
Tot Ion: 99 Resp: 570094

Ion Ratio Lower Upper

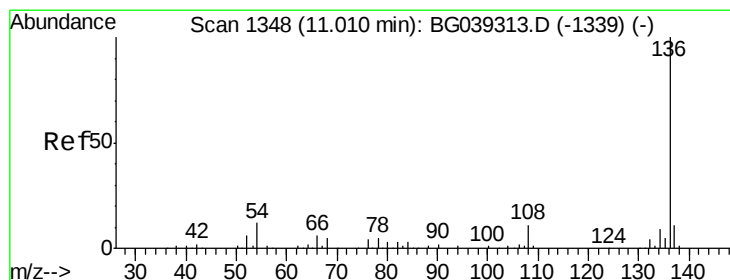
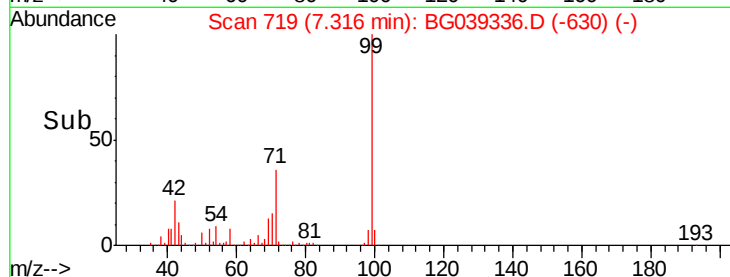
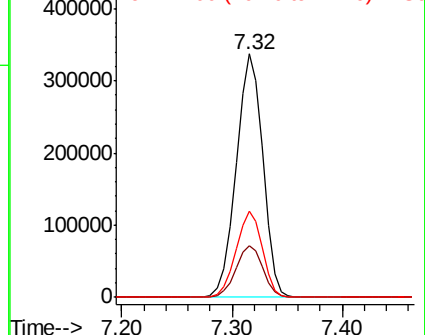
99 100

42 21.0 18.2 27.2

71 35.6 28.0 42.0



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: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039336.D

Acq: 30 Jan 2019 20:31

Tgt Ion: 136 Resp: 183567

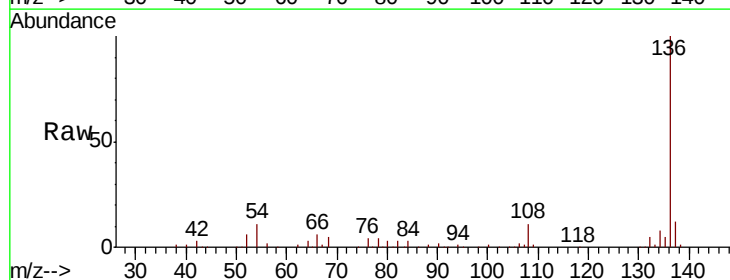
Ion Ratio Lower Upper

136 100

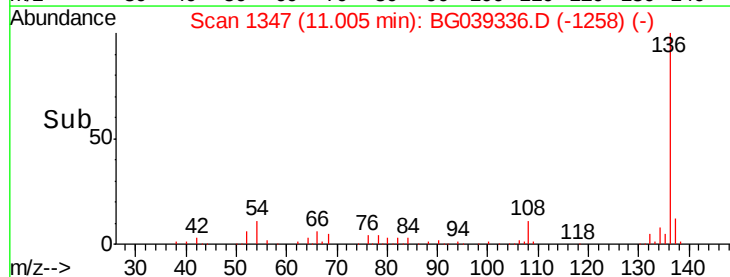
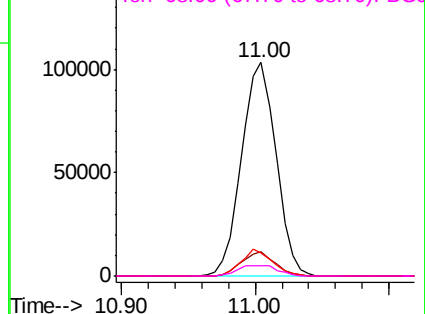
137 11.7 9.1 13.7

54 10.9 9.4 14.2

68 5.0 4.2 6.4



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

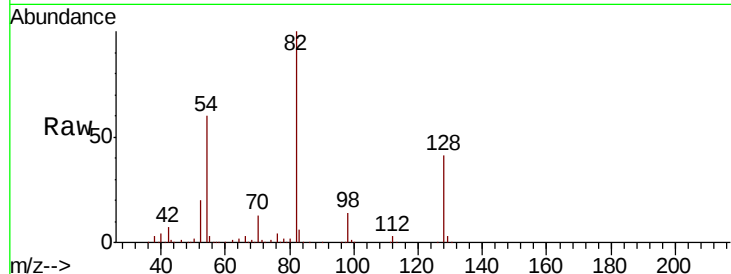




#23
Nitrobenzene-d5
Concen: 108.953 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
PB116724TB

Tot Ion	82	Resp	320148
Ion Ratio	Lower	Upper	
82	100		
128	41.1	31.3	46.9
54	60.4	50.9	76.3

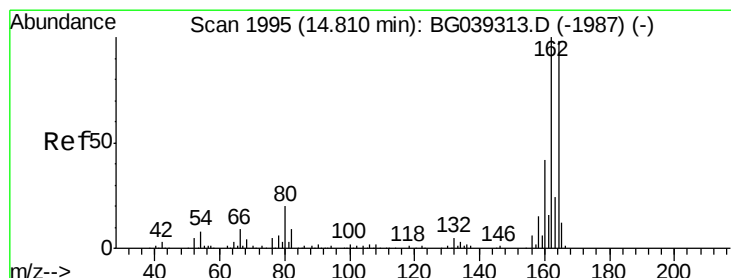
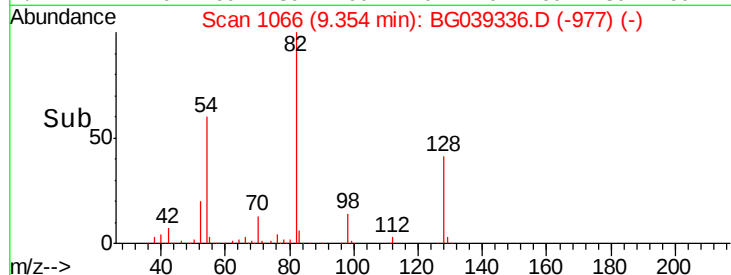
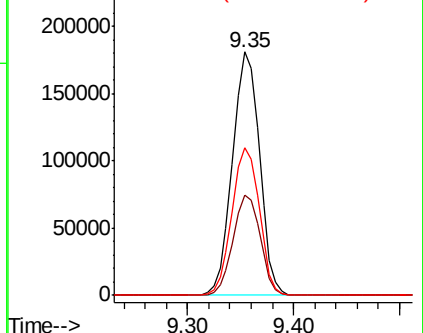


Abundance

Ion 82.00 (81.70 to 82.70): BGC

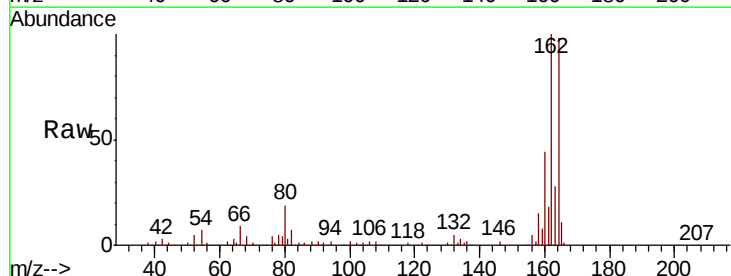
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.81 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039336.D
Acq: 30 Jan 2019 20:31

Tgt Ion	164	Resp	120581
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.6	122.4
160	44.8	34.2	51.2

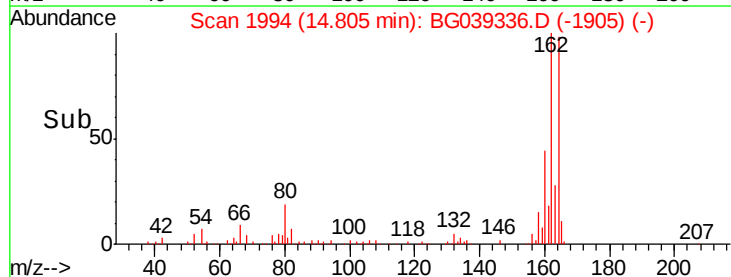
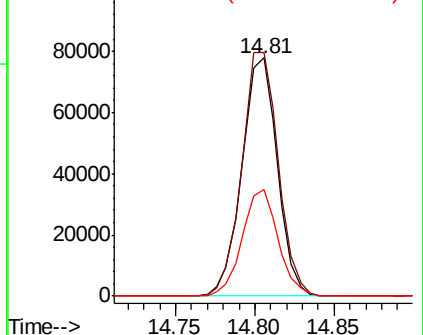


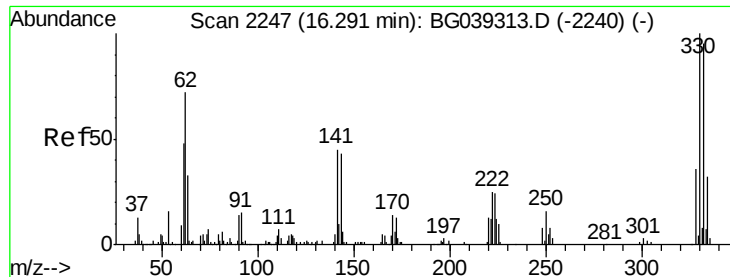
Abundance

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

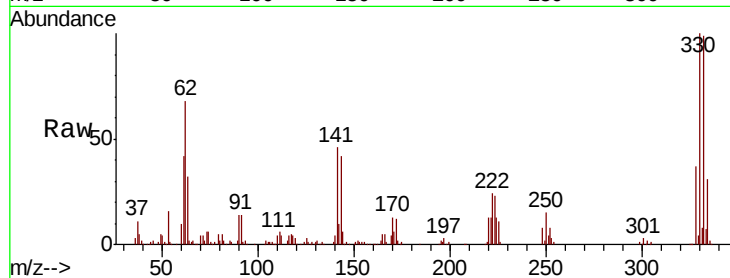




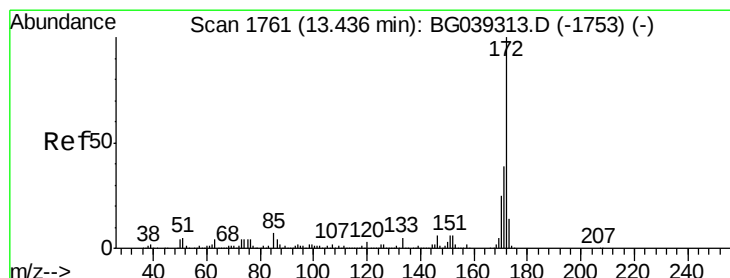
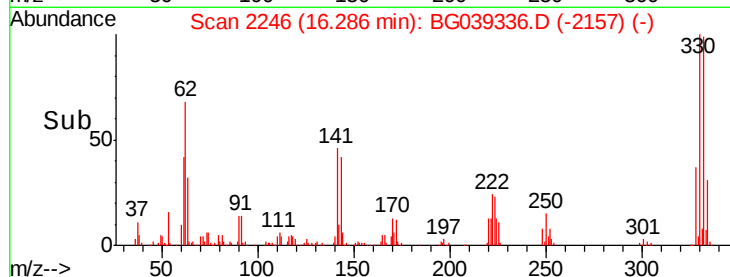
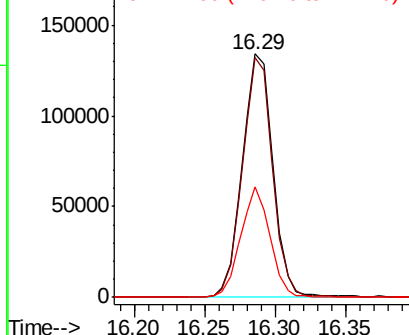
#42
 2,4,6-Tribromophenol
 Concen: 156.799 ng
 RT: 16.29 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039336.D
 Acq: 30 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 PB116724TB

Tot Ion:330 Resp: 203596
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.7 113.5
 141 43.3 35.6 53.4

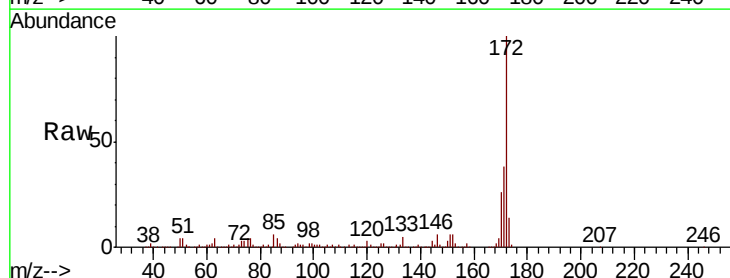


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

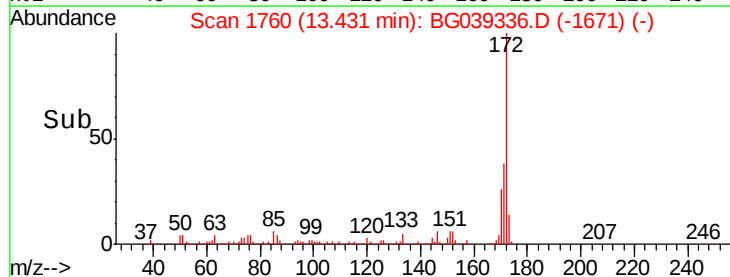
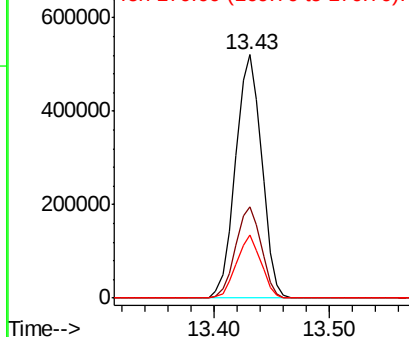


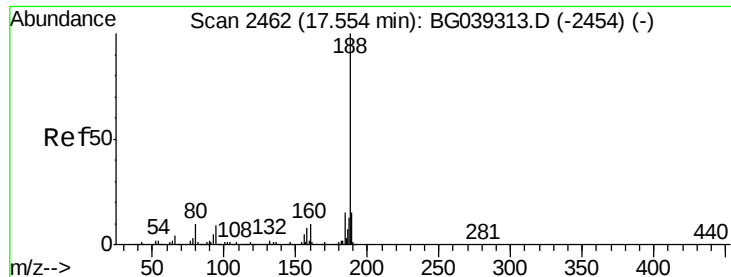
#45
 2-Fluorobiphenyl
 Concen: 96.874 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039336.D
 Acq: 30 Jan 2019 20:31

Tgt Ion:172 Resp: 814274
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 25.9 20.2 30.4



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: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039336.D

Acq: 30 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

PB116724TB

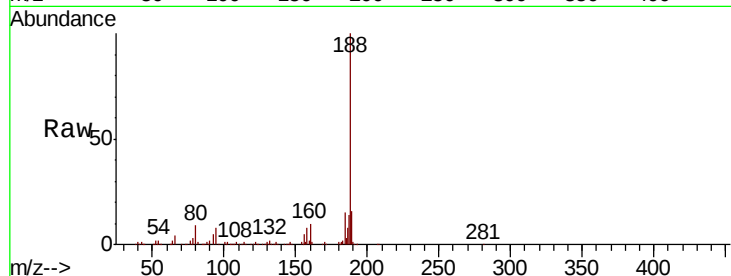
Tot Ion:188 Resp: 300177

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

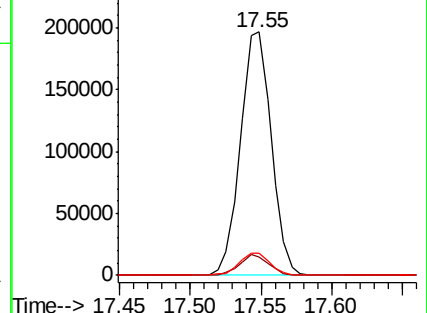
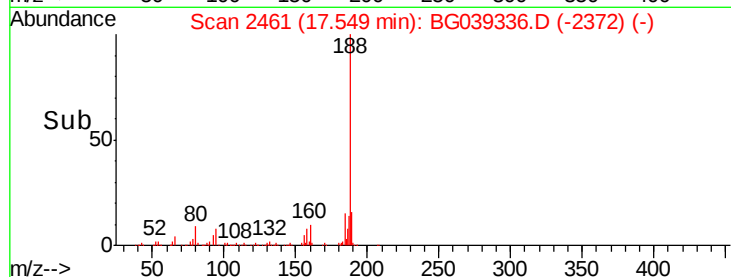
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039336.D

Acq: 30 Jan 2019 20:31

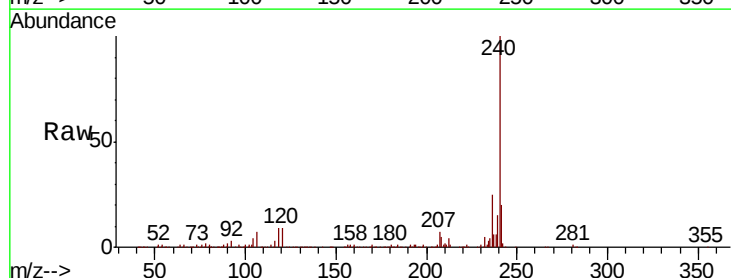
Tgt Ion:240 Resp: 331327

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

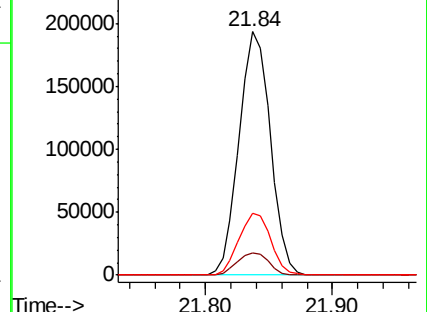
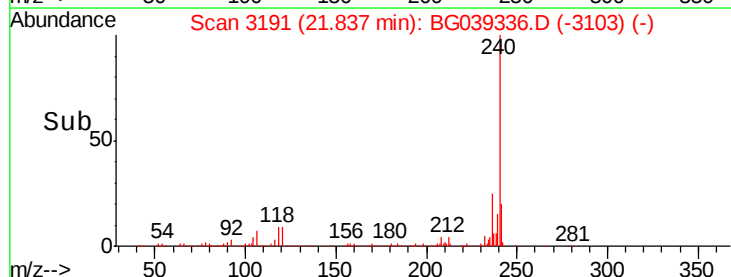
236 25.4 21.0 31.4



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: 87.598 ng

RT: 20.15 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039336.D

Acq: 30 Jan 2019 20:31

Instrument :

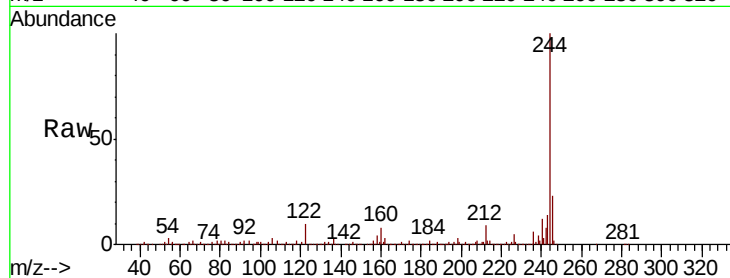
BNA_G

ClientSampleId :

PB116724TB

Tot Ion:244 Resp: 1371180

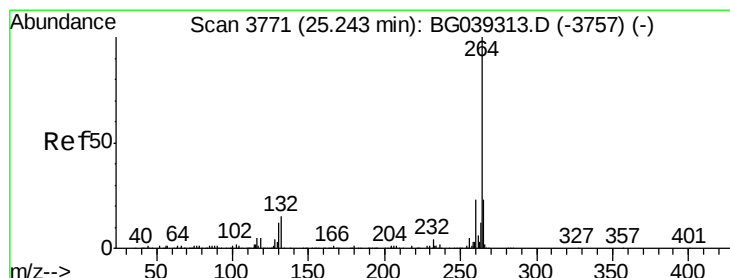
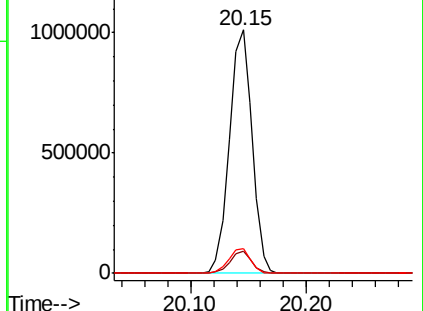
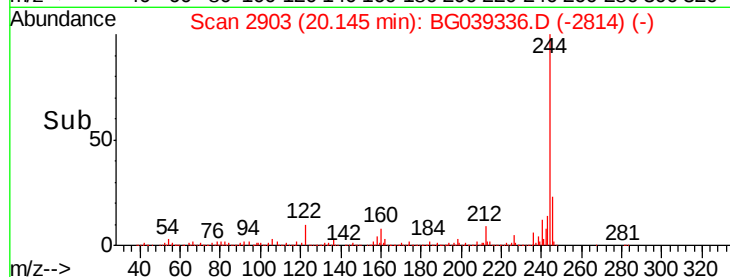
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.0	8.4	12.6



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: 25.23 min Scan# 3769

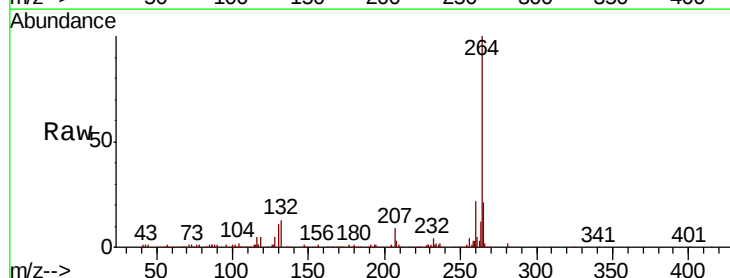
Delta R.T. -0.01 min

Lab File: BG039336.D

Acq: 30 Jan 2019 20:31

Tgt Ion:264 Resp: 328621

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.5	18.5	27.7



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

