

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039628.D
 Acq On : 27 Feb 2019 9:54
 Operator : JU/SJ
 Sample : PB117396BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117396BL

Quant Time: Feb 27 10:33:34 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	8.17	152	54345	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	233879	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	158282	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	395642	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	426052	20.00	ng	-0.03
87) Perylene-d12	25.20	264	413153	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	287627	90.58	ng	0.00
7) Phenol-d6	7.31	99	401203	85.84	ng	0.00
23) Nitrobenzene-d5	9.34	82	348491	93.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	135941	79.76	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	877221	79.50	ng	-0.02
79) Terphenyl-d14	20.13	244	1273833	63.29	ng	-0.02

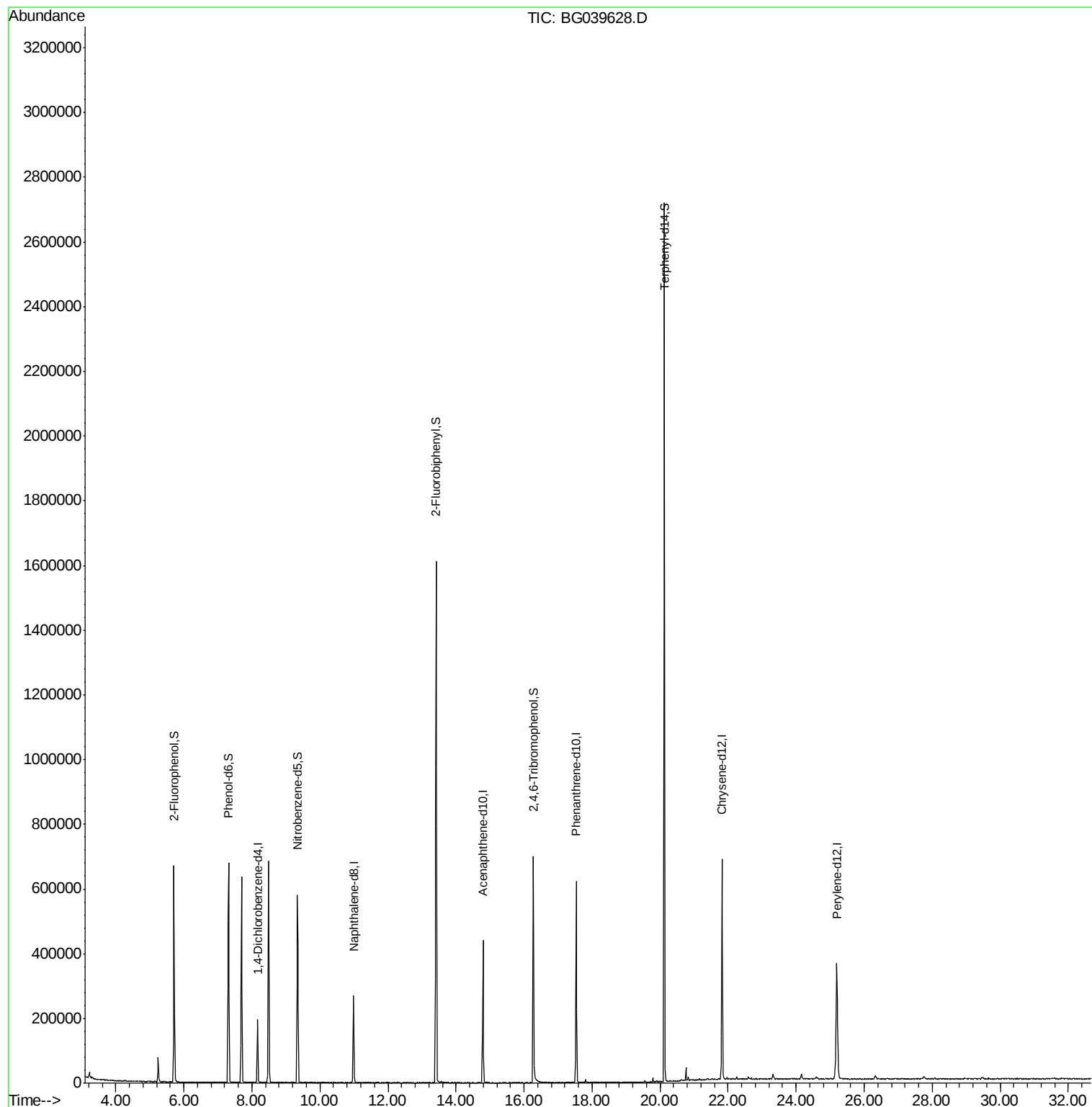
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039628.D
Acq On : 27 Feb 2019 9:54
Operator : JU/SJ
Sample : PB117396BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117396BL

Quant Time: Feb 27 10:33:34 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



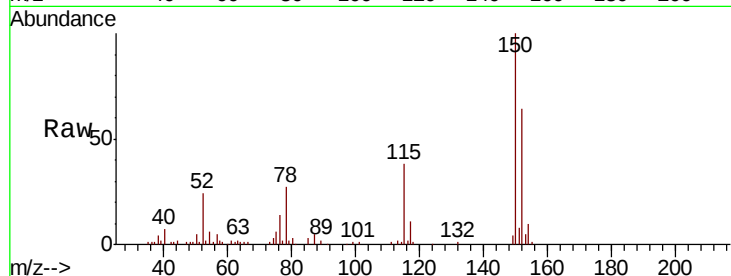


#1

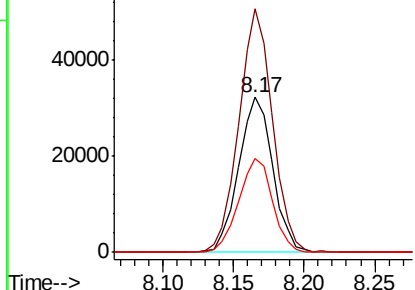
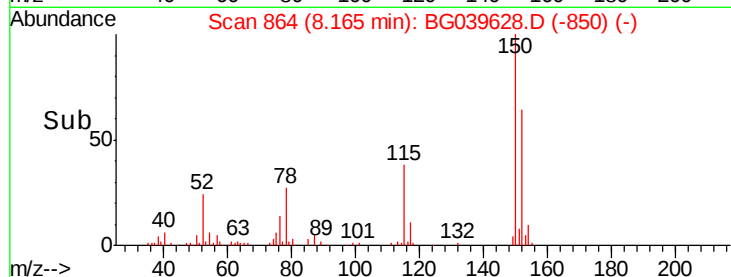
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BG039628.D
 Acq: 27 Feb 2019 9:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117396BL

Tot Ion:152 Resp: 54345
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 60.5 45.9 68.9



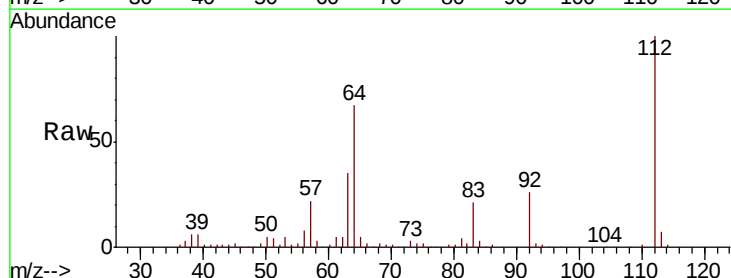
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



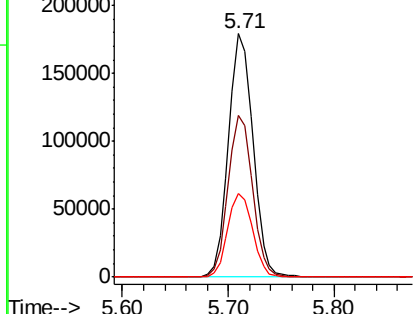
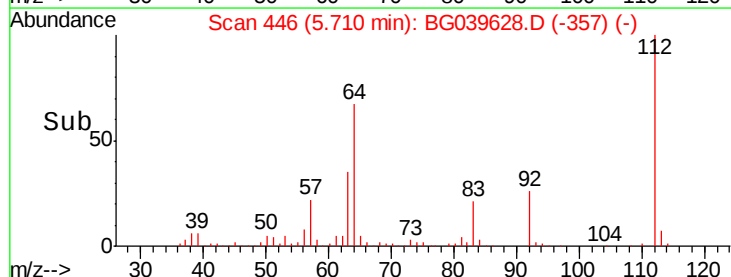
#5

2-Fluorophenol
 Concen: 90.584 ng
 RT: 5.71 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BG039628.D
 Acq: 27 Feb 2019 9:54

Tgt Ion:112 Resp: 287627
 Ion Ratio Lower Upper
 112 100
 64 66.6 57.8 86.8
 63 34.6 29.8 44.6



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: 85.839 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039628.D

Acq: 27 Feb 2019 9:54

Instrument :

BNA_G

ClientSampleId :

PB117396BL

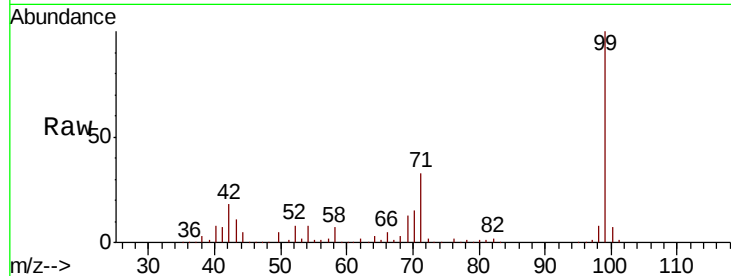
Tot Ion: 99 Resp: 401203

Ion Ratio Lower Upper

99 100

42 18.2 18.2 27.2

71 32.6 28.0 42.0

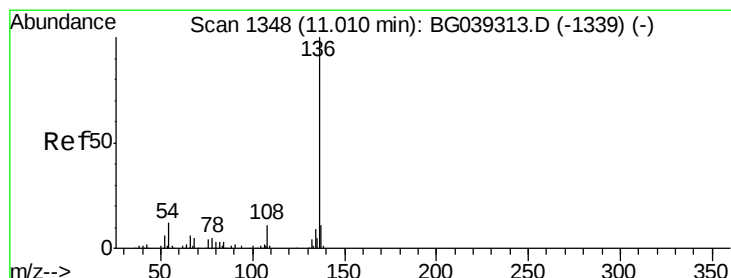
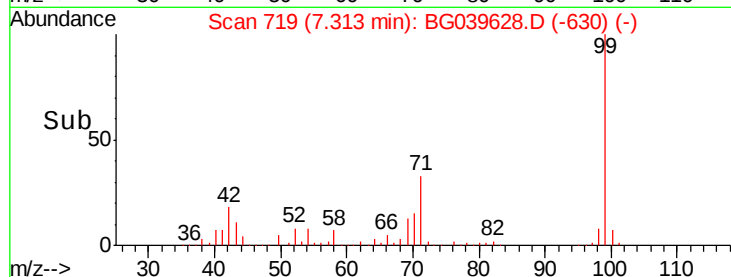
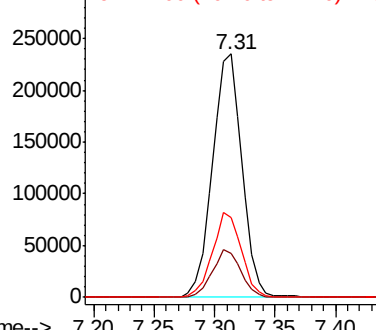


Abundance

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: 10.98 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BG039628.D

Acq: 27 Feb 2019 9:54

Tgt Ion: 136 Resp: 233879

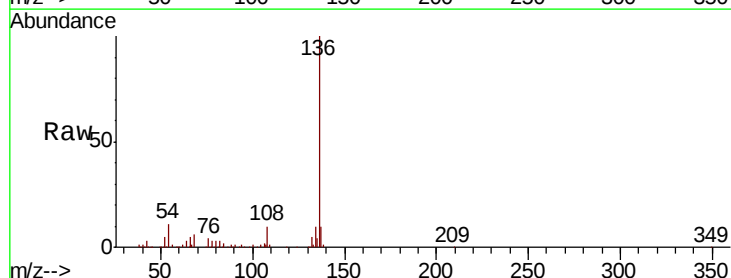
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 10.6 9.4 14.2

68 5.8 4.2 6.4



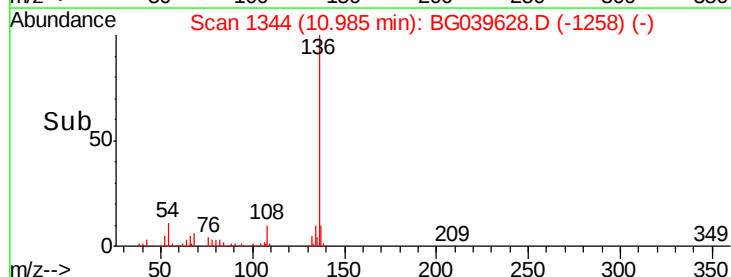
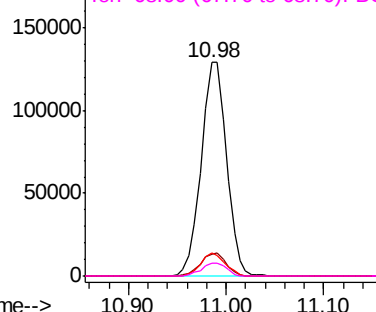
Abundance

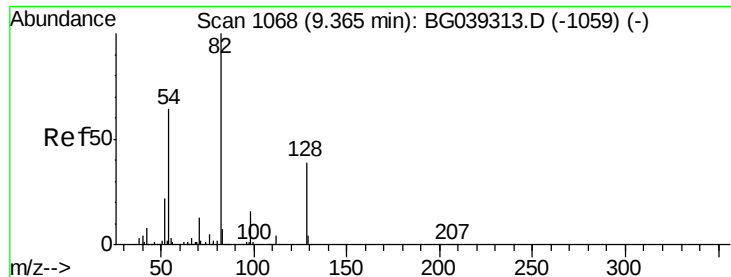
Ion 136.00 (135.70 to 136.70): BGC

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

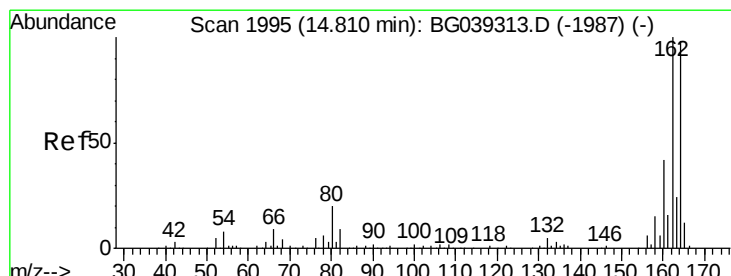
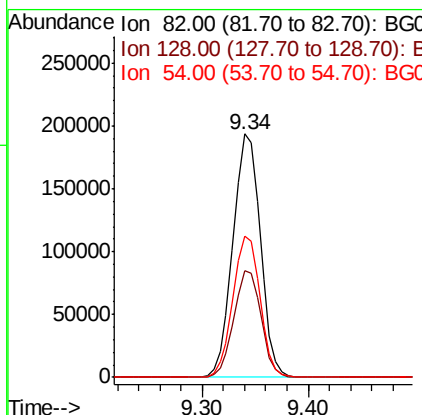
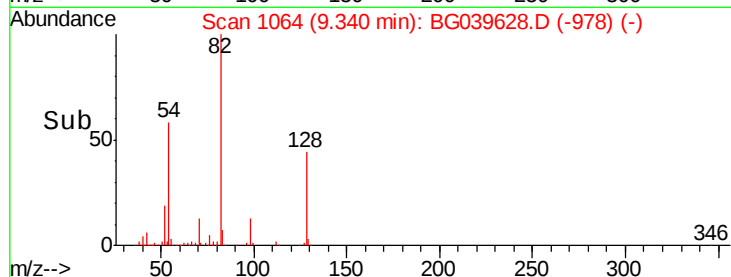
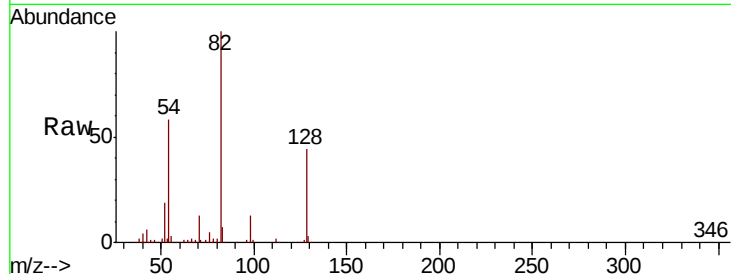




#23
 Nitrobenzene-d5
 Concen: 93.086 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.02 min
 Lab File: BG039628.D
 Acq: 27 Feb 2019 9:54

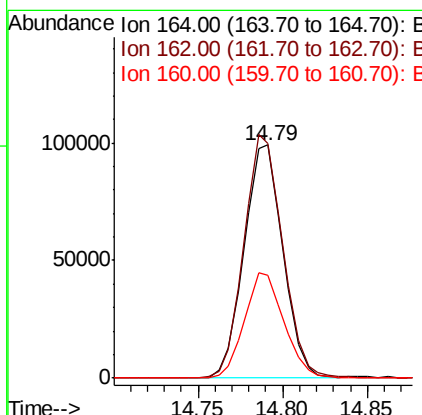
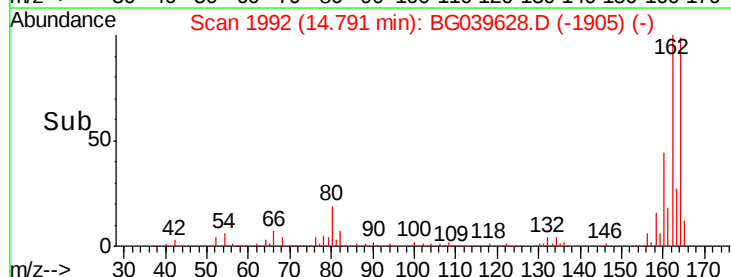
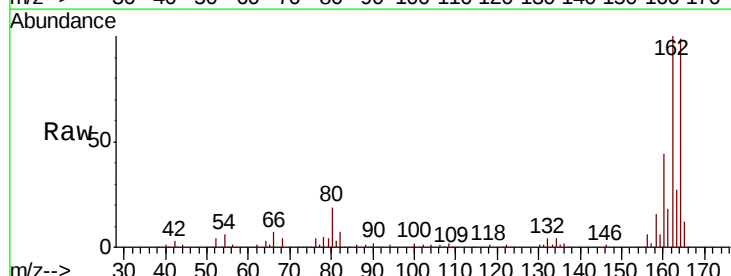
Instrument :
 BNA_G
 ClientSampleId :
 PB117396BL

Tot Ion	82	Resp	348491
Ion Ratio	Lower	Upper	
82	100		
128	43.8	31.3	46.9
54	57.9	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039628.D
 Acq: 27 Feb 2019 9:54

Tgt Ion	164	Resp	158282
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.6	122.4
160	44.0	34.2	51.2

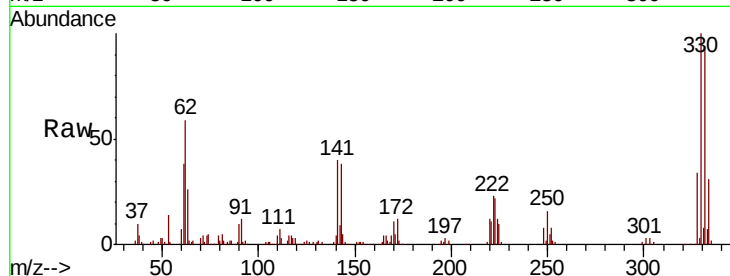




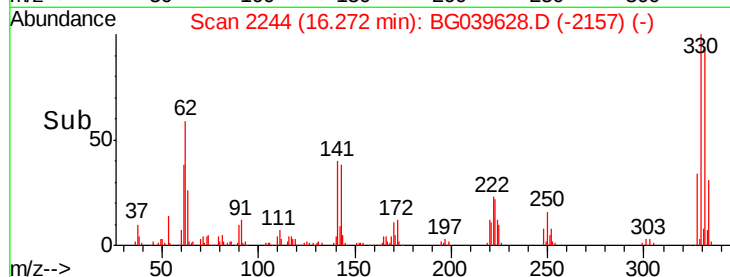
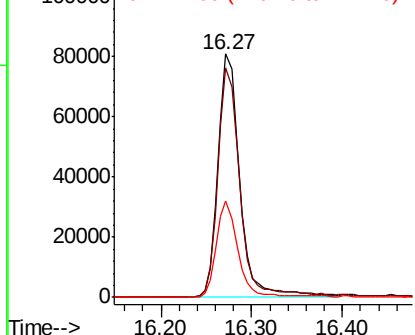
#42
 2,4,6-Tribromophenol
 Concen: 79.758 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.02 min
 Lab File: BG039628.D
 Acq: 27 Feb 2019 9:54

Instrument :
 BNA_G
 ClientSampleID :
 PB117396BL

Tot Ion:330 Resp: 135941
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.7 113.5
 141 38.7 35.6 53.4

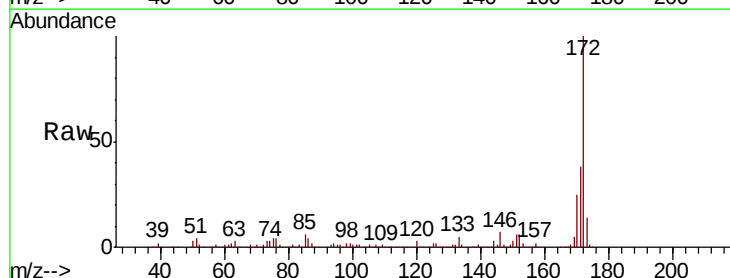


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

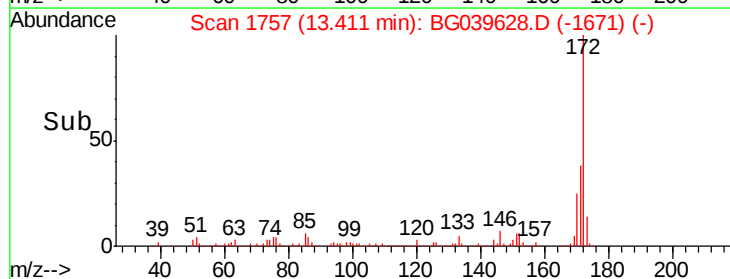
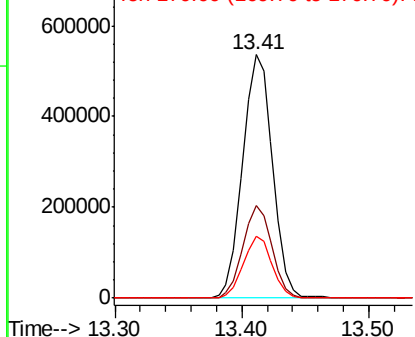


#45
 2-Fluorobiphenyl
 Concen: 79.505 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG039628.D
 Acq: 27 Feb 2019 9:54

Tgt Ion:172 Resp: 877221
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 25.2 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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039628.D

Acq: 27 Feb 2019 9:54

Instrument :

BNA_G

ClientSampleId :

PB117396BL

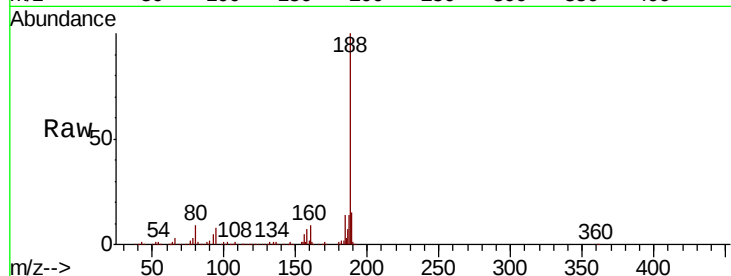
Tot Ion:188 Resp: 395642

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

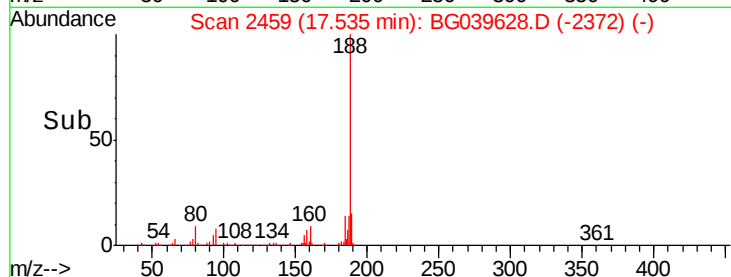
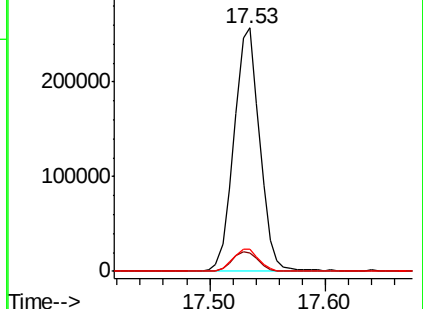
80 9.0 8.1 12.1



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: 21.82 min Scan# 3188

Delta R.T. -0.03 min

Lab File: BG039628.D

Acq: 27 Feb 2019 9:54

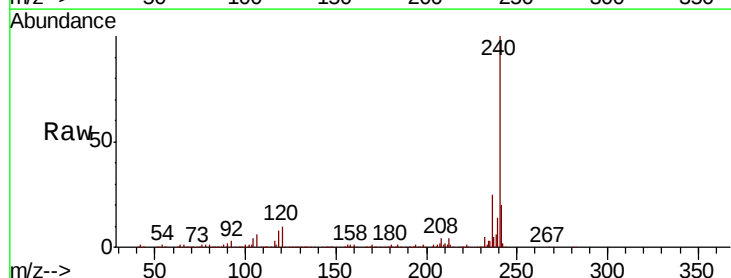
Tgt Ion:240 Resp: 426052

Ion Ratio Lower Upper

240 100

120 9.8 7.0 10.6

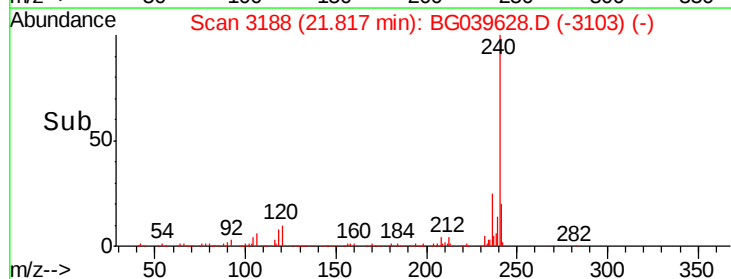
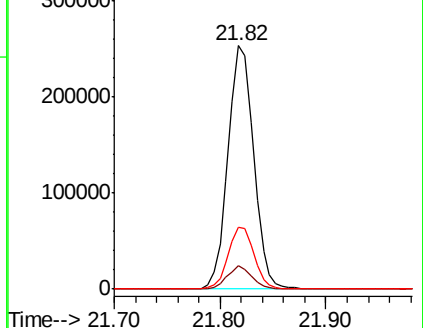
236 25.4 21.0 31.4



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



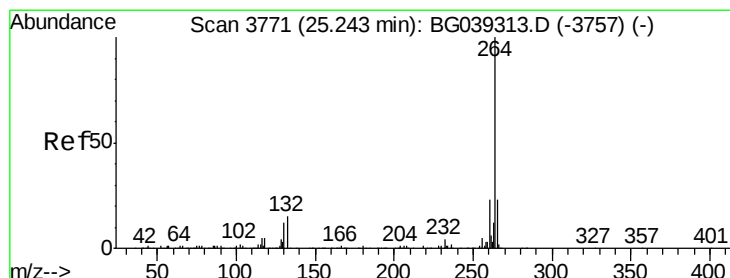
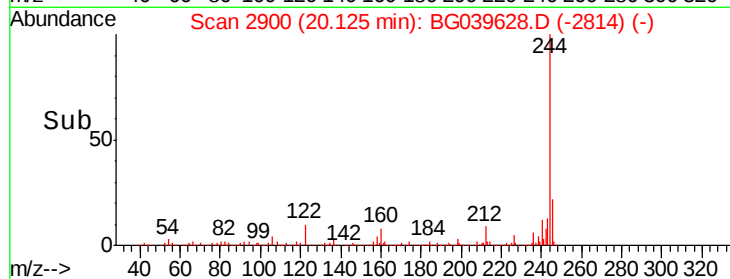
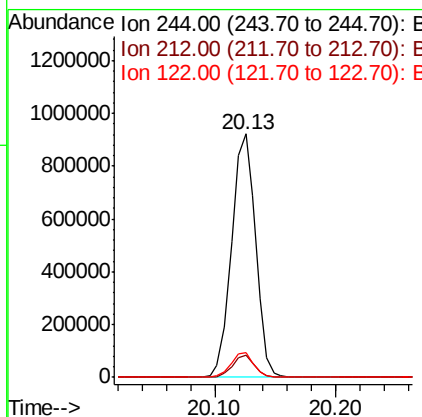
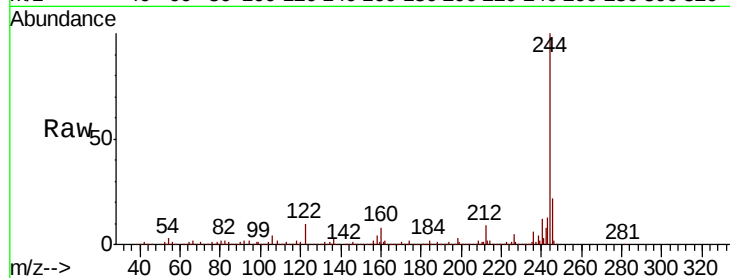


#79
 Terphenyl-d14
 Concen: 63.286 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.02 min
 Lab File: BG039628.D
 Acq: 27 Feb 2019 9:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117396BL

Tot Ion:244 Resp: 1273833

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



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3763
 Delta R.T. -0.05 min
 Lab File: BG039628.D
 Acq: 27 Feb 2019 9:54

Tgt Ion:264 Resp: 413153

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	22.9	18.5	27.7

