

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020519\
 Data File : BG039364.D
 Acq On : 5 Feb 2019 21:24
 Operator : JU/SJ
 Sample : PB116850TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116850TB

Quant Time: Feb 05 23:18:02 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	47516	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	205306	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	129952	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	311744	20.00	ng	0.00
76) Chrysene-d12	21.83	240	364406	20.00	ng	-0.02
87) Perylene-d12	25.22	264	361520	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	438255	157.86	ng	0.00
7) Phenol-d6	7.32	99	611873	149.73	ng	0.00
23) Nitrobenzene-d5	9.36	82	340775	103.69	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	156951	112.16	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	879831	97.13	ng	0.00
79) Terphenyl-d14	20.14	244	1447466	84.08	ng	0.00

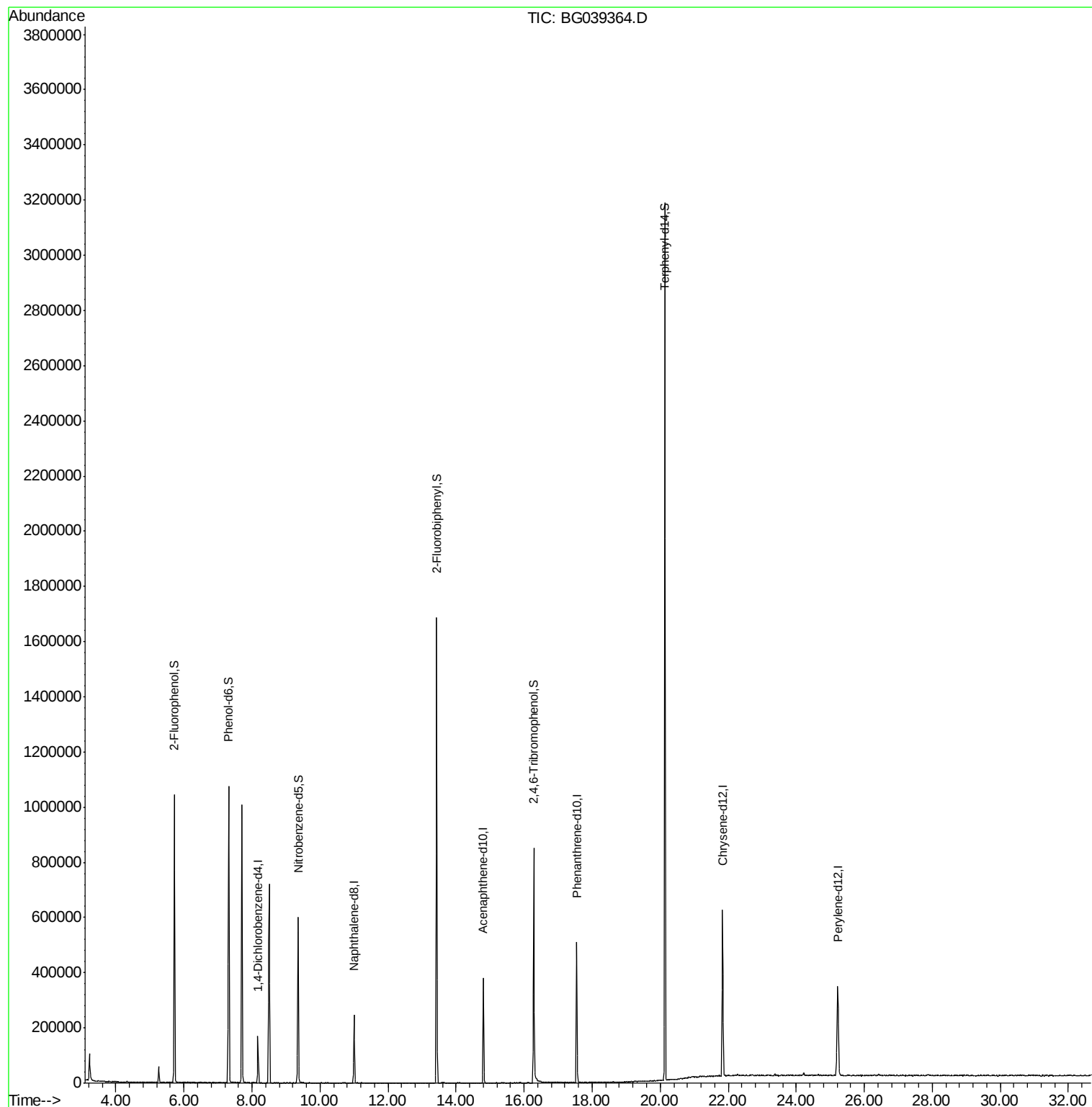
Target Compounds Qvalue

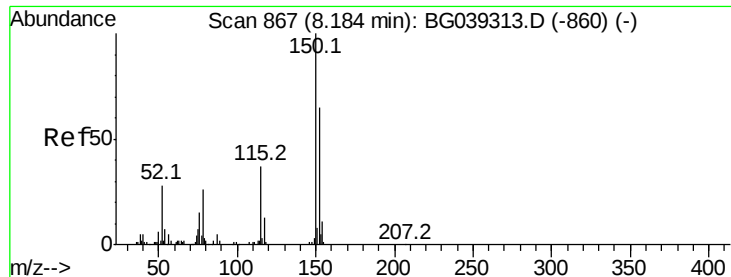
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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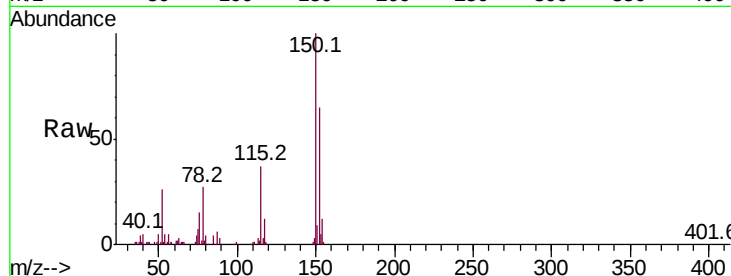


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039364.D
Acq: 5 Feb 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB116850TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.7	185.5
115	56.7	45.9	68.9

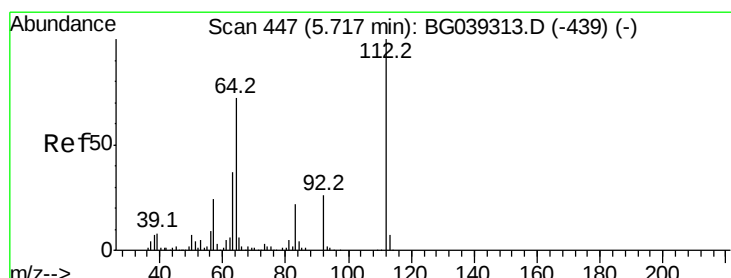
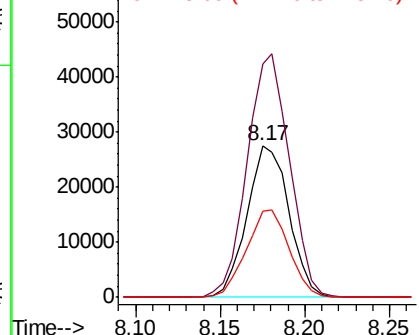
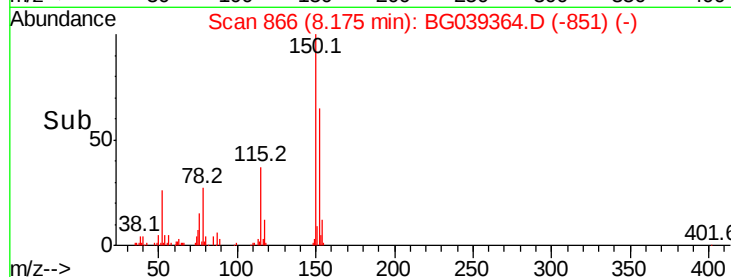


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

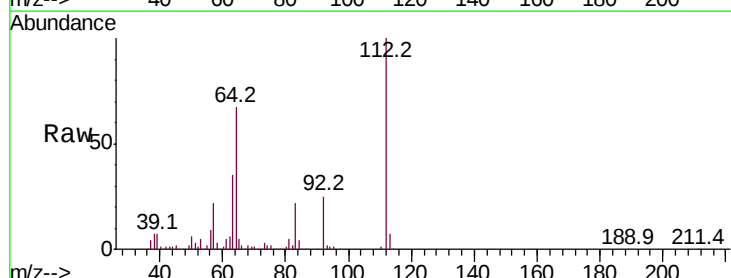
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 157.858 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039364.D
Acq: 5 Feb 2019 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	57.8	86.8
63	35.5	29.8	44.6

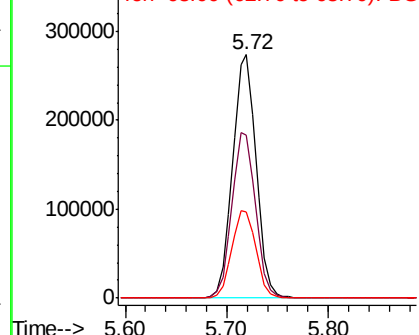
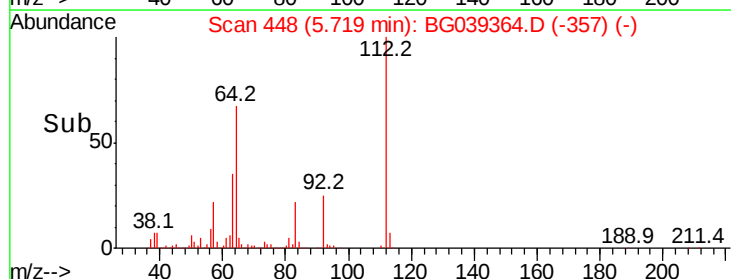


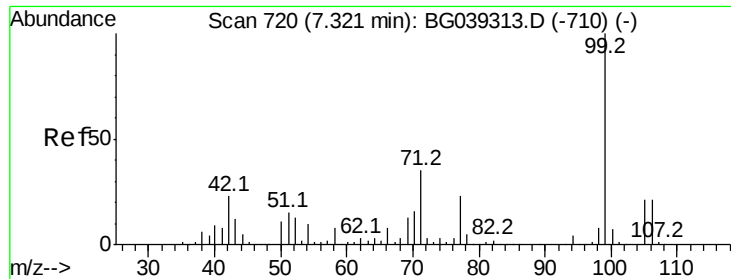
Abundance

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: 149.727 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039364.D

Acq: 5 Feb 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB116850TB

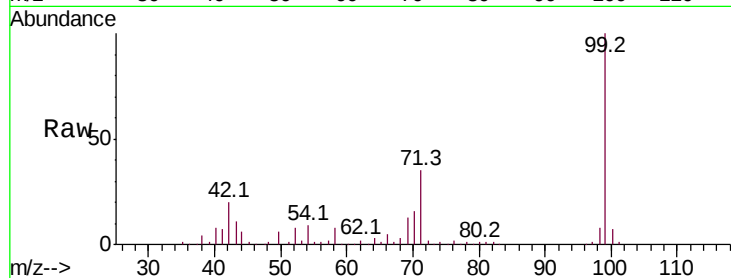
Tot Ion: 99 Resp: 611873

Ion Ratio Lower Upper

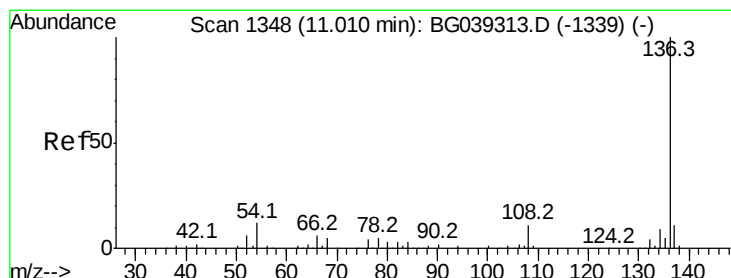
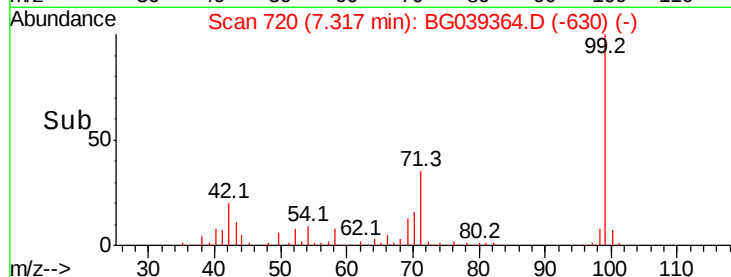
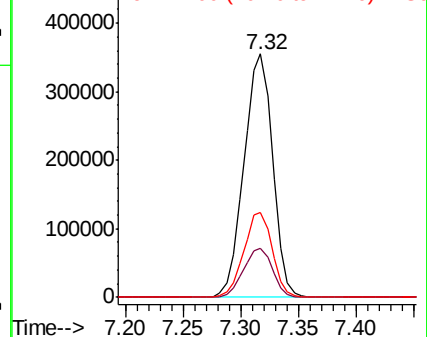
99 100

42 20.2 18.2 27.2

71 34.6 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: BG039364.D

Acq: 5 Feb 2019 21:24

Tgt Ion: 136 Resp: 205306

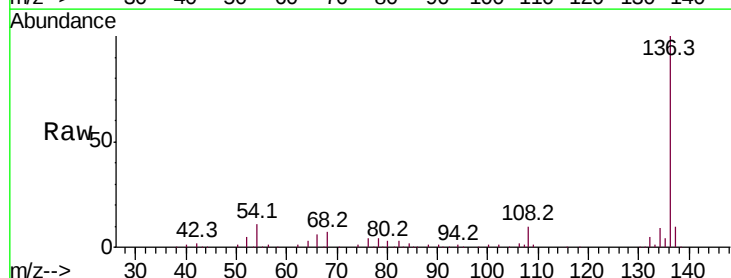
Ion Ratio Lower Upper

136 100

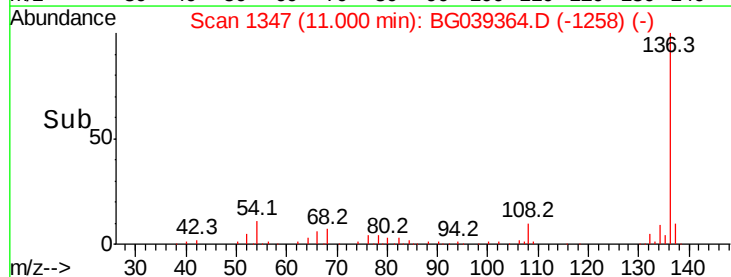
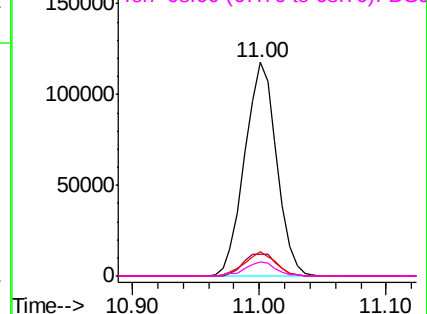
137 10.4 9.1 13.7

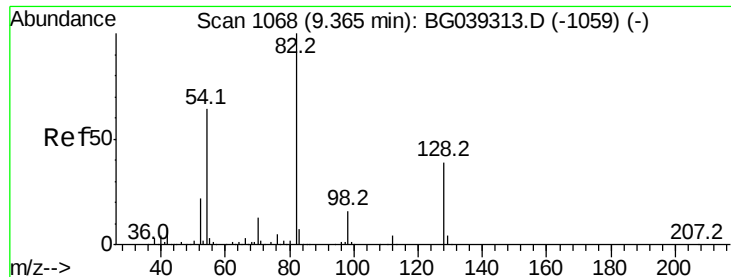
54 11.1 9.4 14.2

68 6.9 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

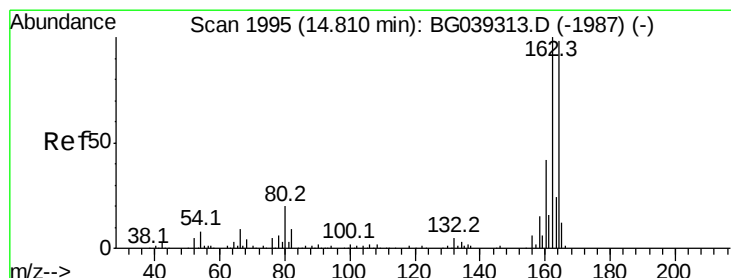
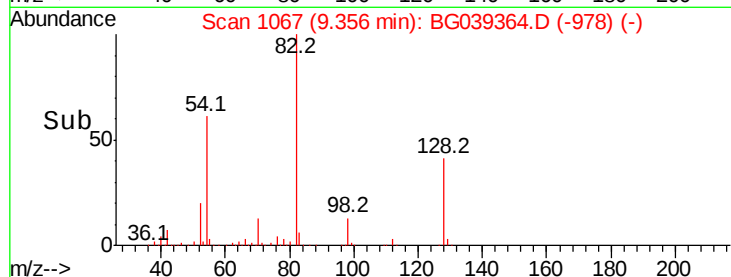
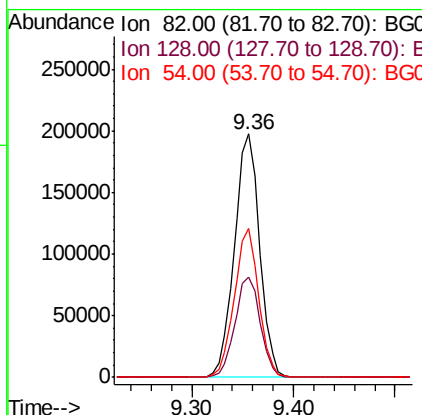
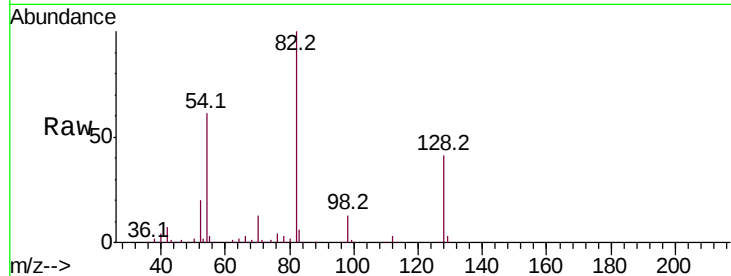




#23
Nitrobenzene-d5
Concen: 103.693 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039364.D
Acq: 5 Feb 2019 21:24

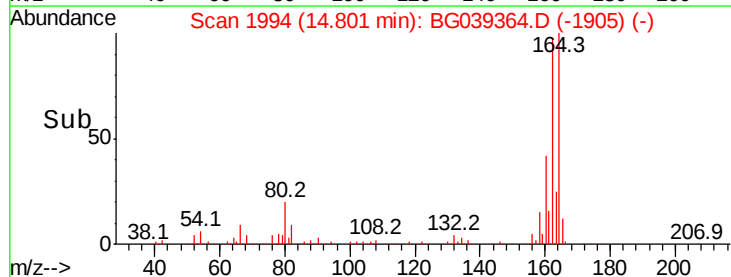
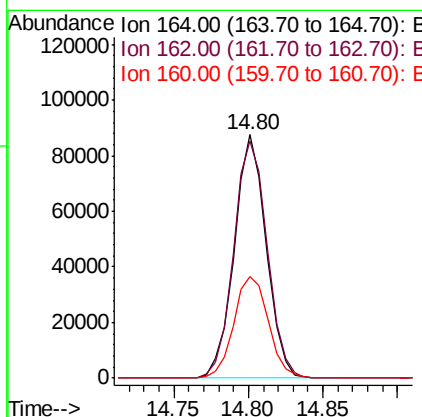
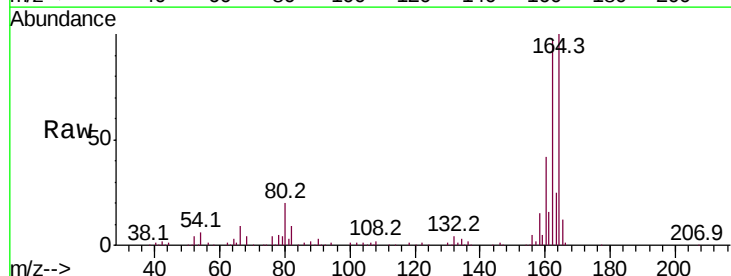
Instrument :
BNA_G
ClientSampleId :
PB116850TB

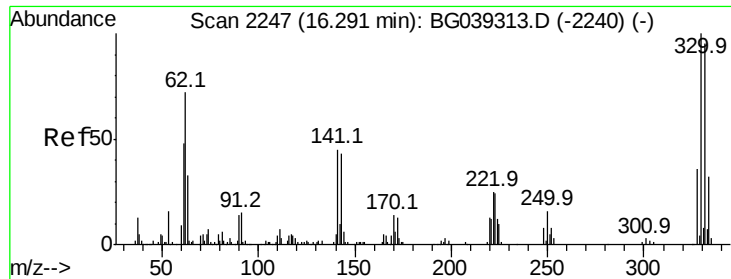
Tot Ion: 82 Resp: 340775
Ion Ratio Lower Upper
82 100
128 41.2 31.3 46.9
54 61.2 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039364.D
Acq: 5 Feb 2019 21:24

Tgt Ion:164 Resp: 129952
Ion Ratio Lower Upper
164 100
162 97.2 81.6 122.4
160 41.8 34.2 51.2

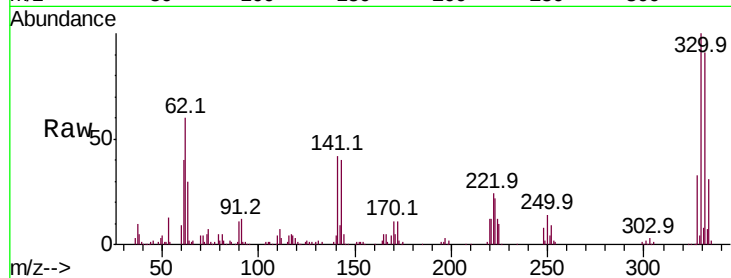




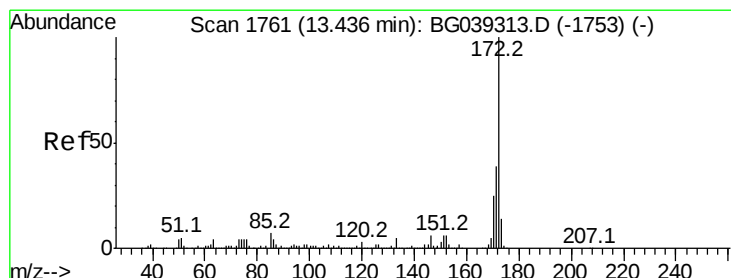
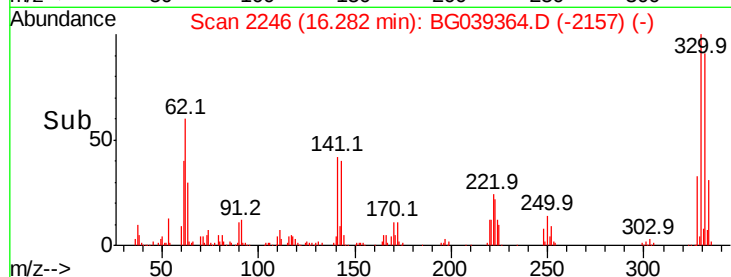
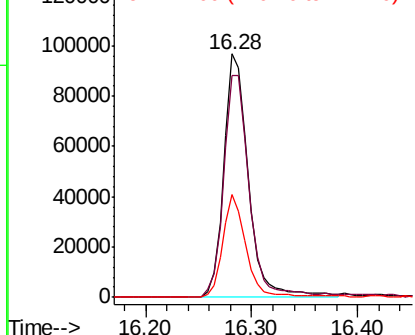
#42
 2,4,6-Tribromophenol
 Concen: 112.159 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039364.D
 Acq: 5 Feb 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB116850TB

Tot Ion:330 Resp: 156951
 Ion Ratio Lower Upper
 330 100
 332 94.0 75.7 113.5
 141 40.0 35.6 53.4

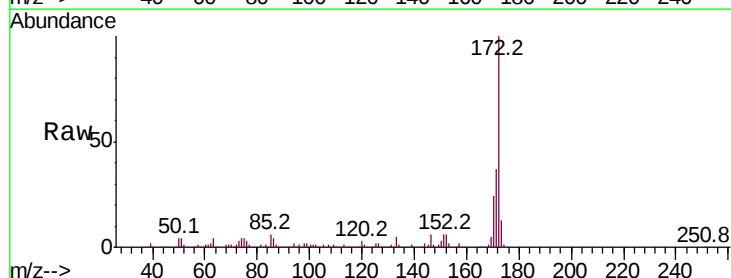


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

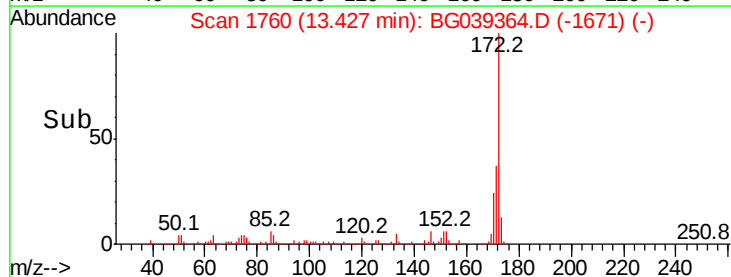
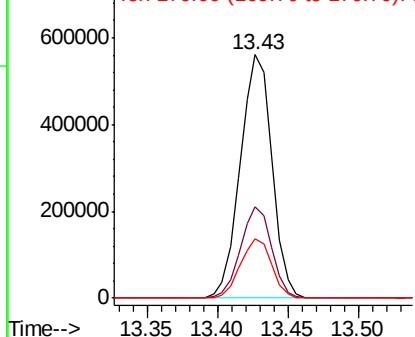


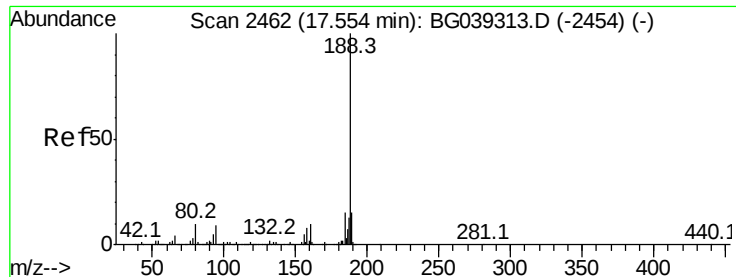
#45
 2-Fluorobiphenyl
 Concen: 97.125 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039364.D
 Acq: 5 Feb 2019 21:24

Tgt Ion:172 Resp: 879831
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 24.2 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: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039364.D

Acq: 5 Feb 2019 21:24

Instrument :

BNA_G

ClientSampled :

PB116850TB

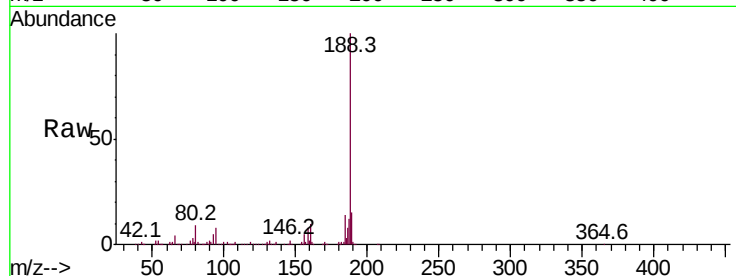
Tot Ion:188 Resp: 311744

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

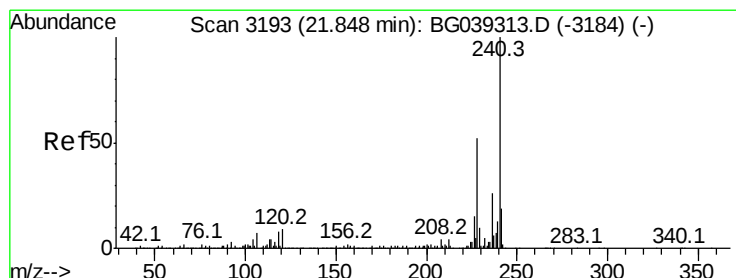
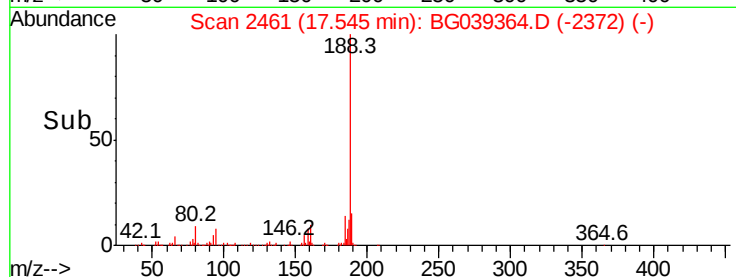
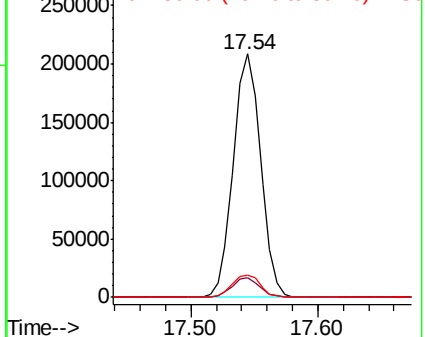
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BG039364.D

Acq: 5 Feb 2019 21:24

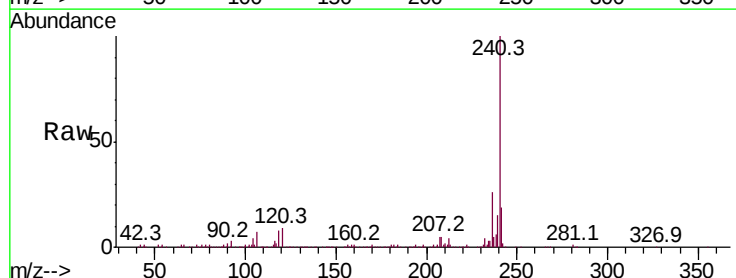
Tgt Ion:240 Resp: 364406

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

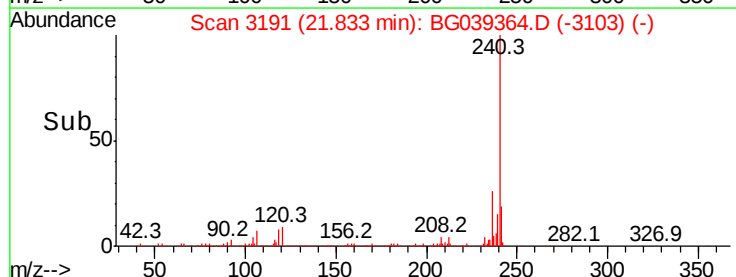
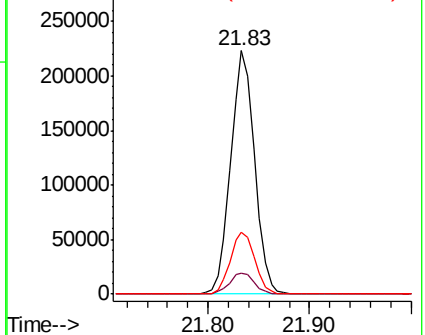
236 25.6 21.0 31.4

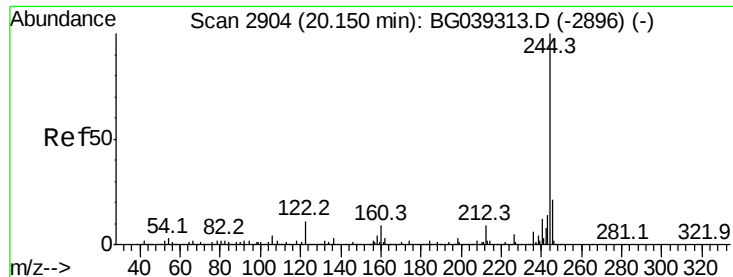


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.077 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039364.D

Acq: 5 Feb 2019 21:24

Instrument :

BNA_G

ClientSampled :

PB116850TB

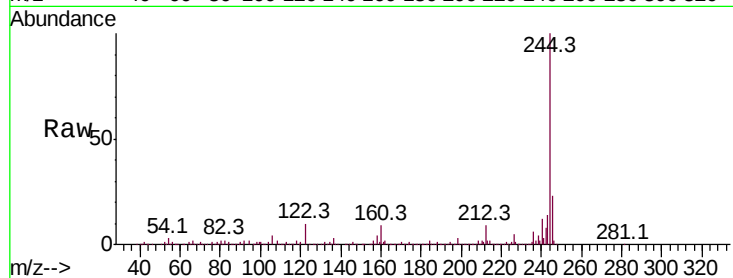
Tot Ion:244 Resp: 1447466

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

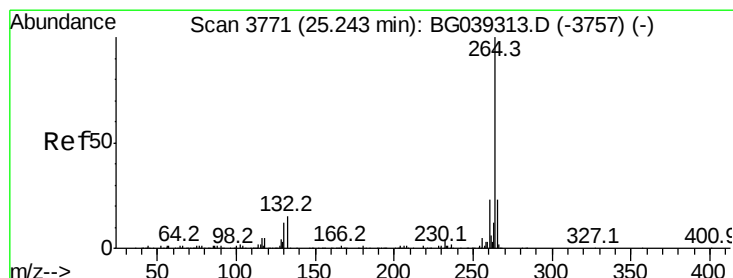
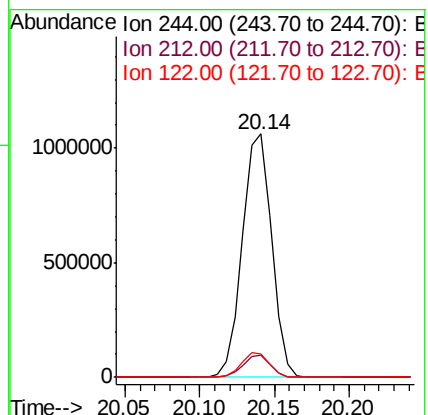
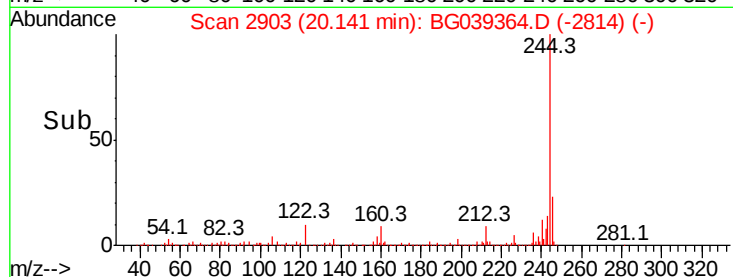
122 9.6 8.4 12.6



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: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039364.D

Acq: 5 Feb 2019 21:24

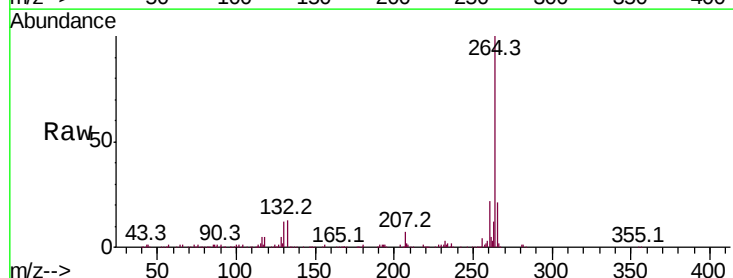
Tgt Ion:264 Resp: 361520

Ion Ratio Lower Upper

264 100

260 21.7 18.2 27.4

265 21.2 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

