

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039646.D
 Acq On : 27 Feb 2019 22:35
 Operator : JU/SJ
 Sample : PB117445BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BL

Quant Time: Feb 28 01:34:20 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	48465	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	209733	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	138906	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	349005	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	387579	20.00	ng	-0.03
87) Perylene-d12	25.20	264	389476	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	372310	131.48	ng	0.00
7) Phenol-d6	7.31	99	527438	126.54	ng	0.00
23) Nitrobenzene-d5	9.34	82	297981	88.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	148968	99.59	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	755399	78.01	ng	-0.02
79) Terphenyl-d14	20.12	244	1284468	70.15	ng	-0.03

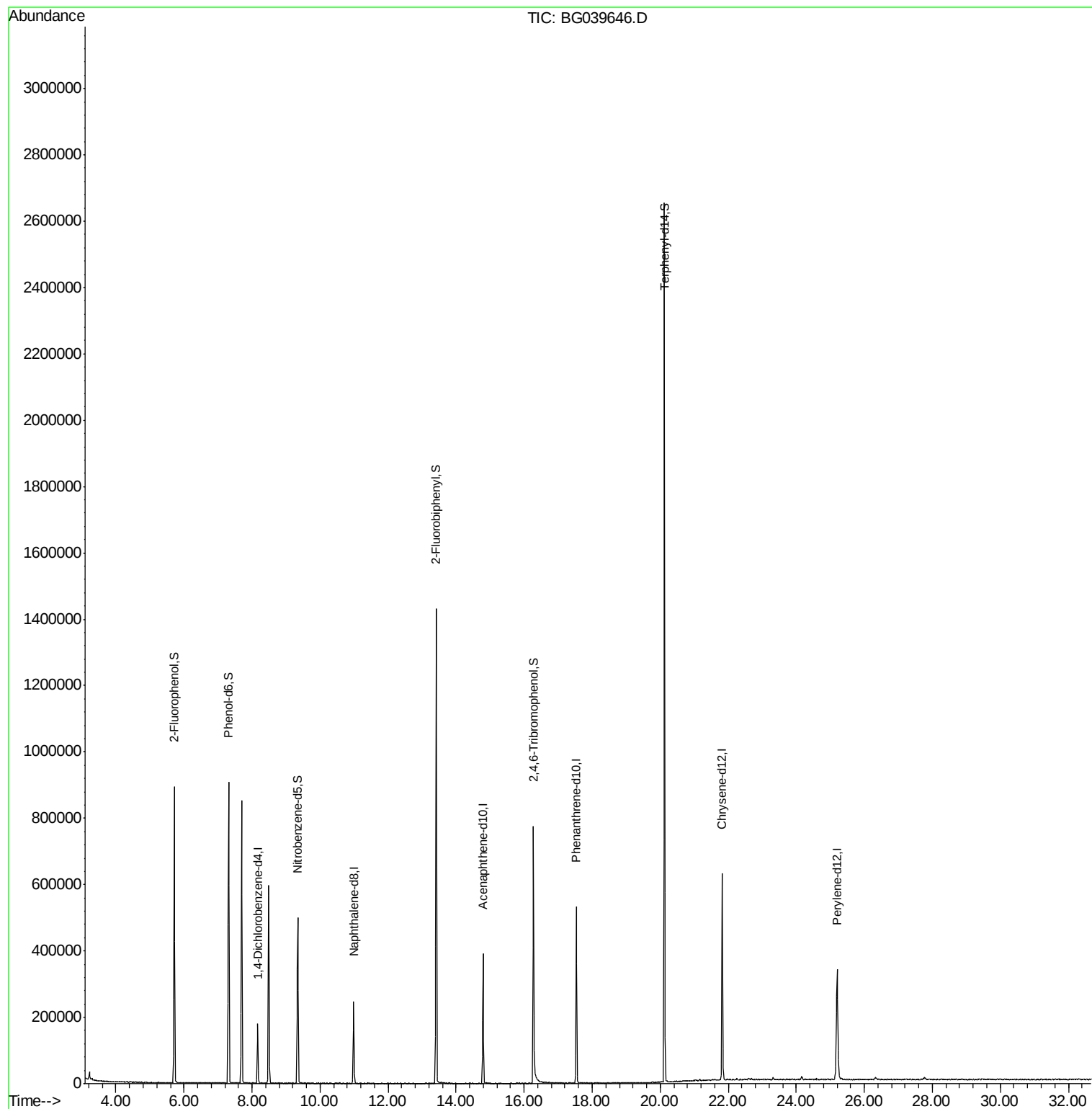
Target Compounds Qvalue

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

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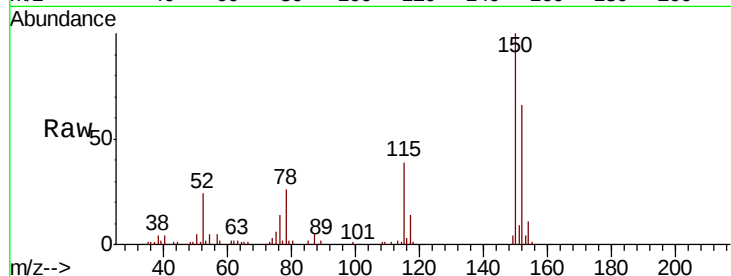


#1

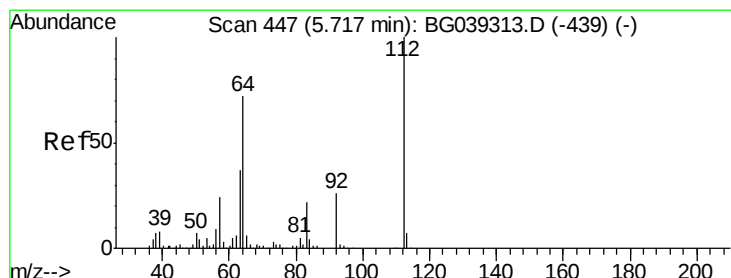
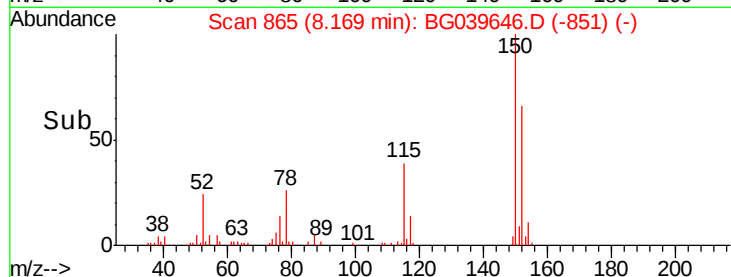
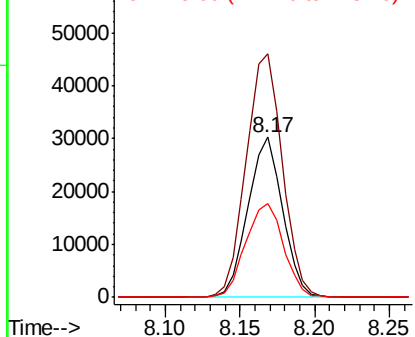
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.02 min
 Lab File: BG039646.D
 Acq: 27 Feb 2019 22:35

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BL

Tot Ion:152 Resp: 48465
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.7 185.5
 115 58.9 45.9 68.9



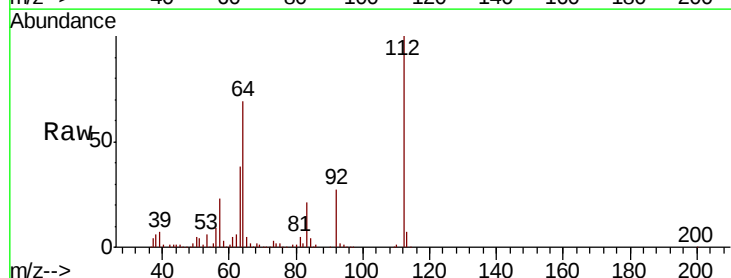
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



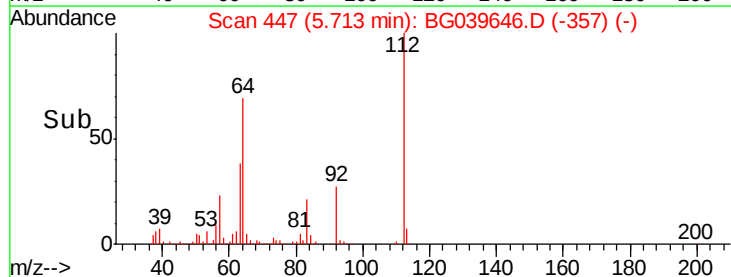
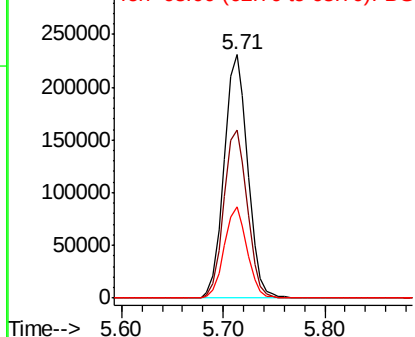
#5

2-Fluorophenol
 Concen: 131.479 ng
 RT: 5.71 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BG039646.D
 Acq: 27 Feb 2019 22:35

Tgt Ion:112 Resp: 372310
 Ion Ratio Lower Upper
 112 100
 64 68.8 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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.539 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039646.D

Acq: 27 Feb 2019 22:35

Instrument :

BNA_G

ClientSampleId :

PB117445BL

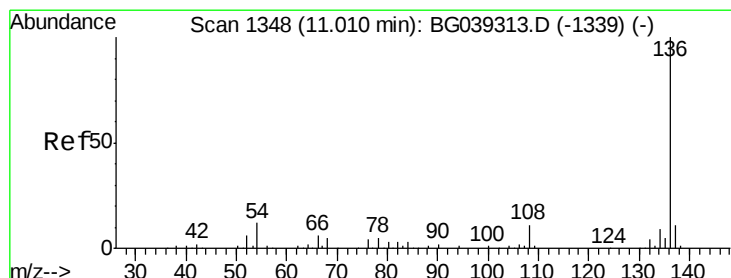
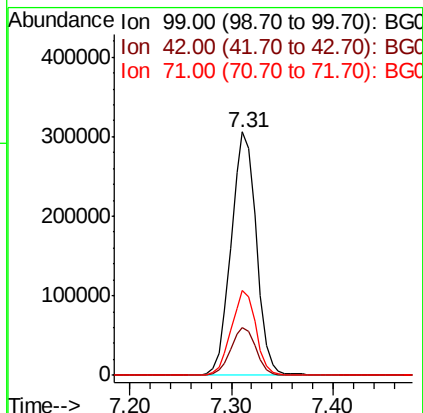
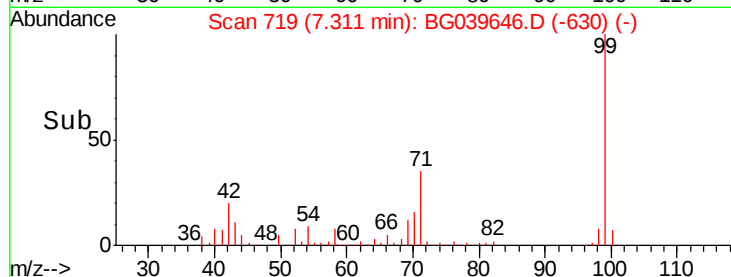
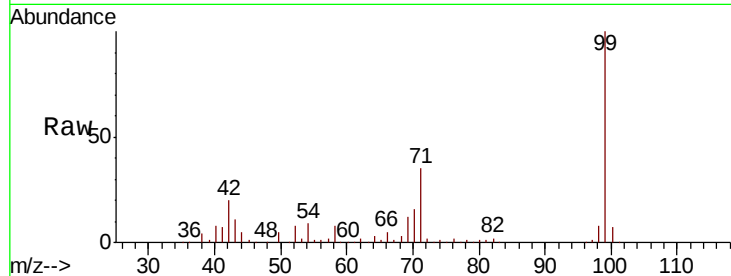
Tot Ion: 99 Resp: 527438

Ion Ratio Lower Upper

99 100

42 19.7 18.2 27.2

71 35.1 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039646.D

Acq: 27 Feb 2019 22:35

Tgt Ion: 136 Resp: 209733

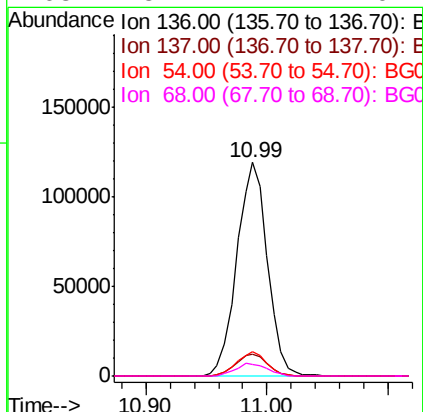
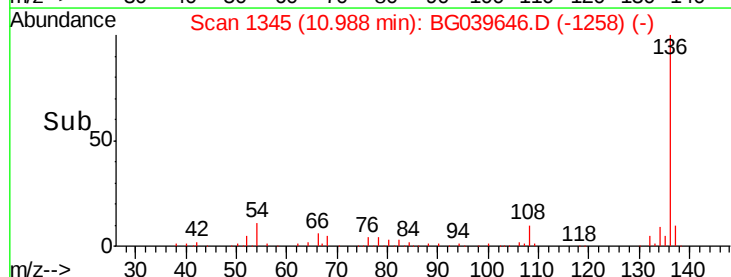
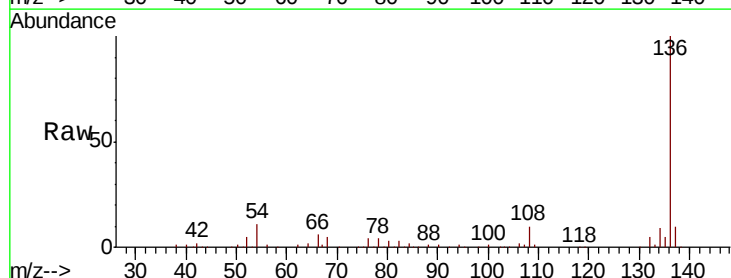
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 11.2 9.4 14.2

68 5.4 4.2 6.4

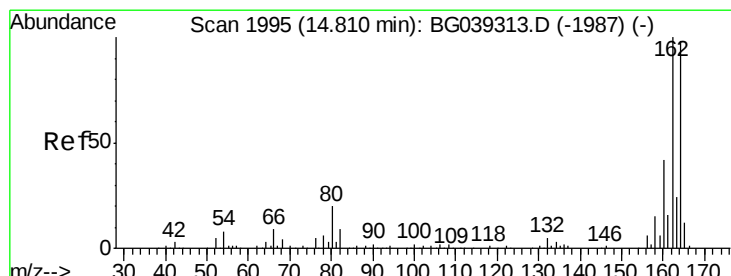
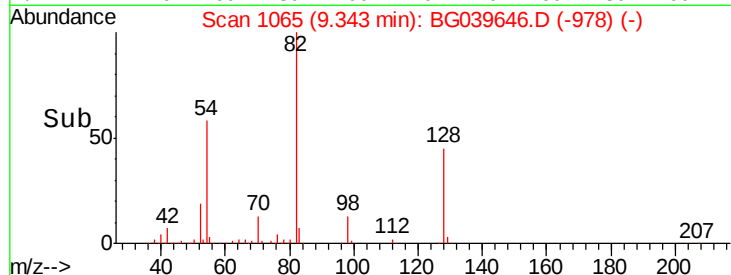
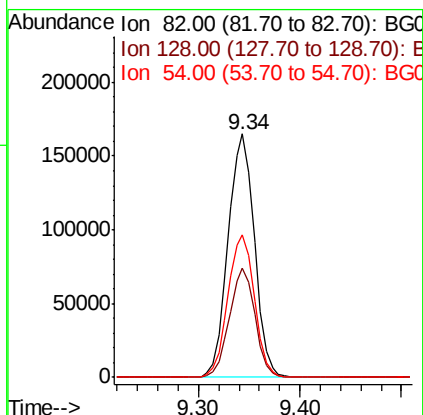
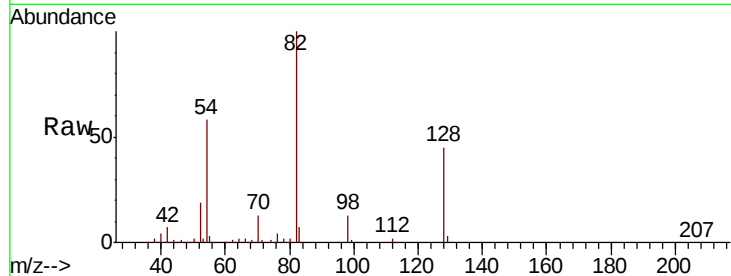




#23
 Nitrobenzene-d5
 Concen: 88.757 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039646.D
 Acq: 27 Feb 2019 22:35

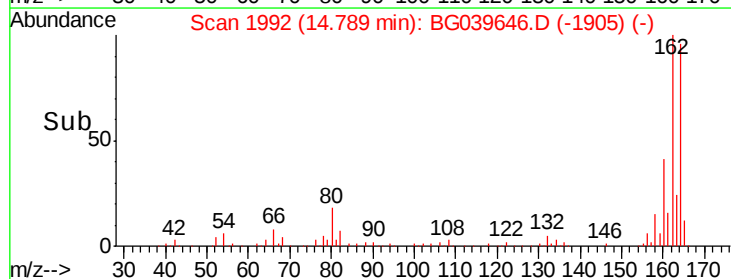
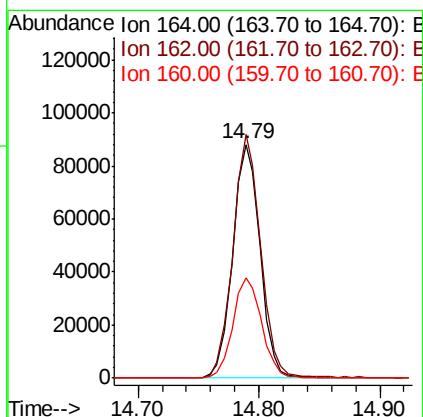
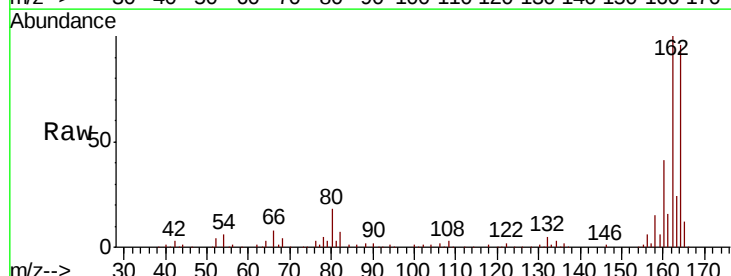
Instrument :
 BNA_G
 ClientSampleId :
 PB117445BL

Tot Ion: 82 Resp: 297981
 Ion Ratio Lower Upper
 82 100
 128 45.0 31.3 46.9
 54 58.3 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: BG039646.D
 Acq: 27 Feb 2019 22:35

Tgt Ion: 164 Resp: 138906
 Ion Ratio Lower Upper
 164 100
 162 104.2 81.6 122.4
 160 42.8 34.2 51.2

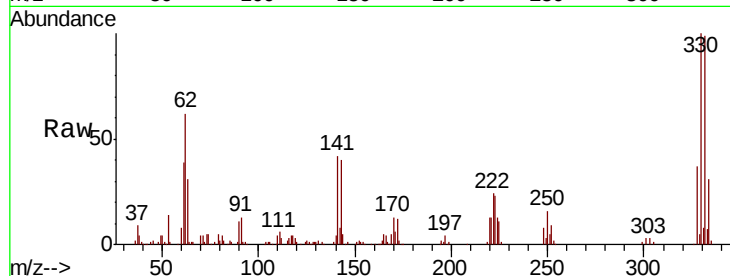




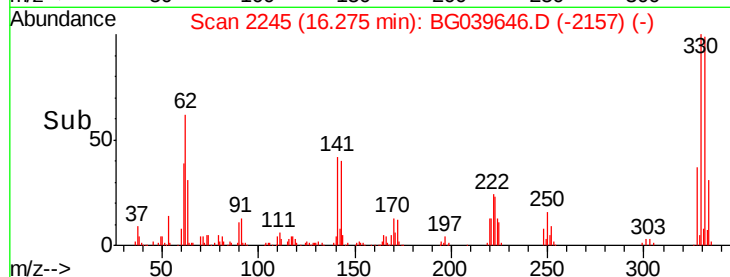
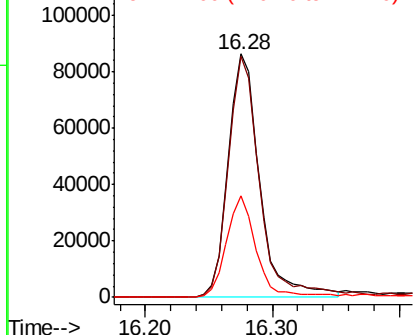
#42
 2,4,6-Tribromophenol
 Concen: 99.592 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BG039646.D
 Acq: 27 Feb 2019 22:35

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BL

Tot Ion:330 Resp: 148968
 Ion Ratio Lower Upper
 330 100
 332 99.1 75.7 113.5
 141 38.7 35.6 53.4

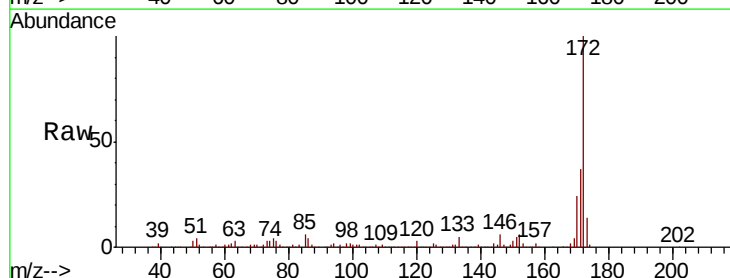


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

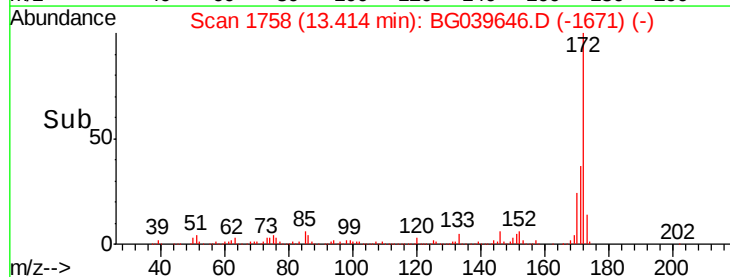
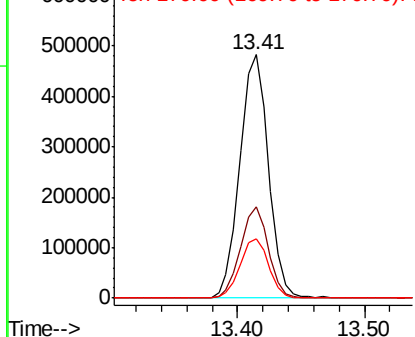


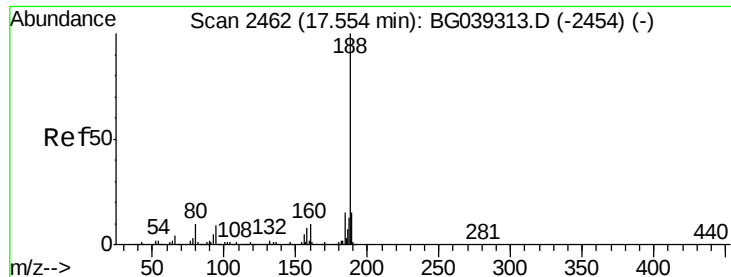
#45
 2-Fluorobiphenyl
 Concen: 78.014 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039646.D
 Acq: 27 Feb 2019 22:35

Tgt Ion:172 Resp: 755399
 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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039646.D

Acq: 27 Feb 2019 22:35

Instrument :

BNA_G

ClientSampleId :

PB117445BL

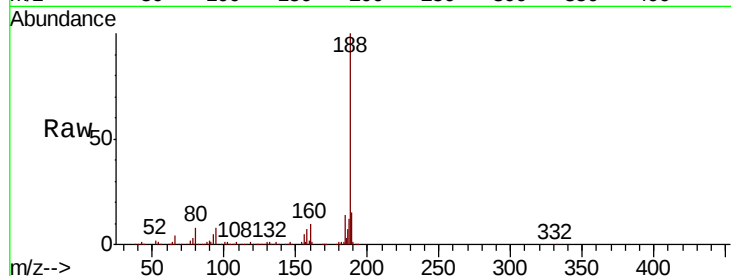
Tot Ion:188 Resp: 349005

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

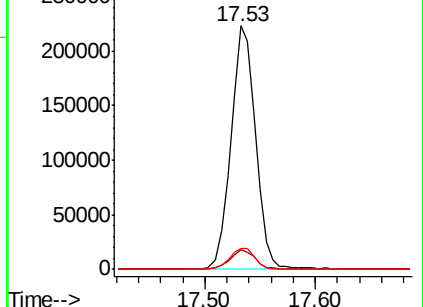
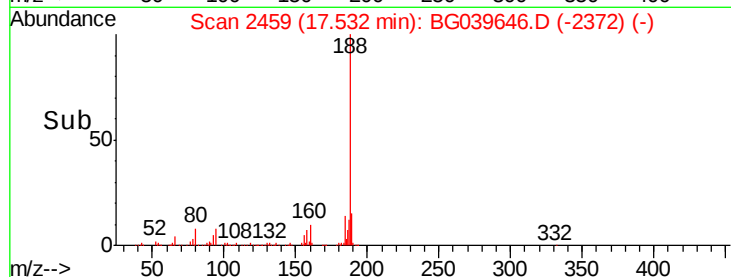
80 8.3 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039646.D

Acq: 27 Feb 2019 22:35

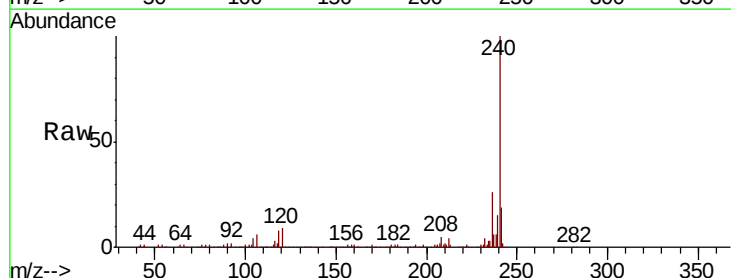
Tgt Ion:240 Resp: 387579

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

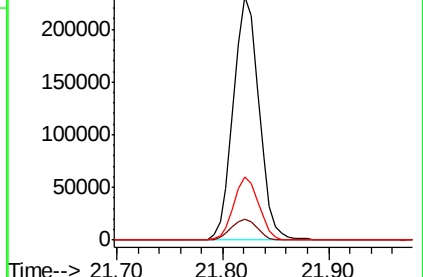
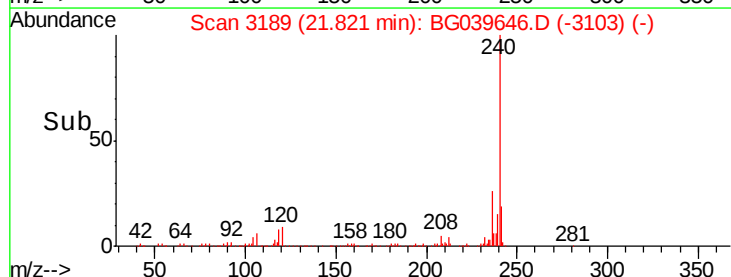
236 26.0 21.0 31.4

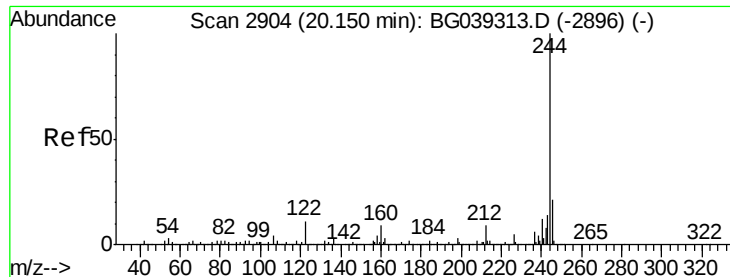


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.149 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039646.D

Acq: 27 Feb 2019 22:35

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ClientSampleId :

PB117445BL

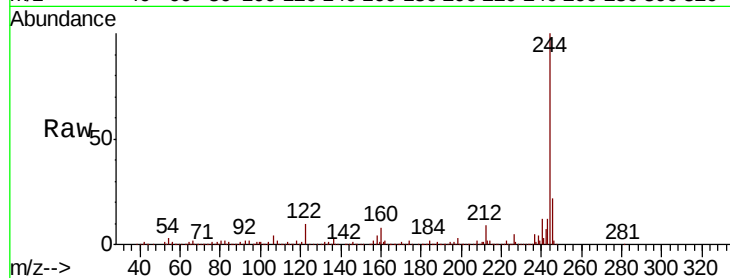
Tot Ion:244 Resp: 1284468

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

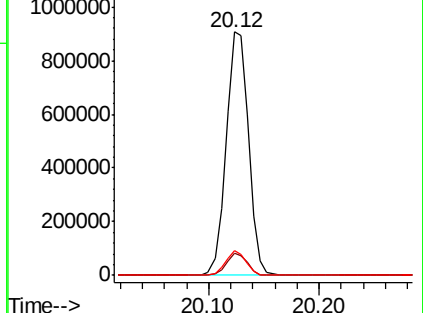
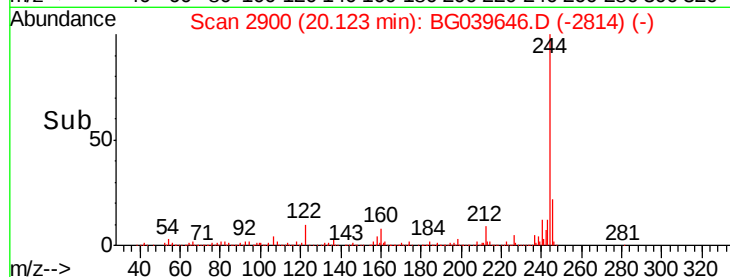
122 10.3 8.4 12.6



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: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039646.D

Acq: 27 Feb 2019 22:35

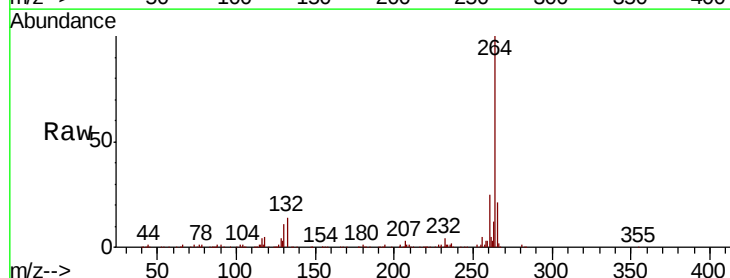
Tgt Ion:264 Resp: 389476

Ion Ratio Lower Upper

264 100

260 25.5 18.2 27.4

265 21.1 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

