

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039684.D
 Acq On : 1 Mar 2019 7:31
 Operator : JU/SJ
 Sample : K1651-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 351-281

Quant Time: Mar 01 10:12:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58855	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	259402	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	163133	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	365242	20.00	ng	0.00
76) Chrysene-d12	21.82	240	383783	20.00	ng	-0.01
87) Perylene-d12	25.20	264	367173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	496247	144.31	ng	0.00
7) Phenol-d6	7.31	99	632243	124.91	ng	0.00
23) Nitrobenzene-d5	9.35	82	480247	115.66	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	221936	126.34	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1069366	94.04	ng	0.00
79) Terphenyl-d14	20.13	244	1578202	87.04	ng	0.00

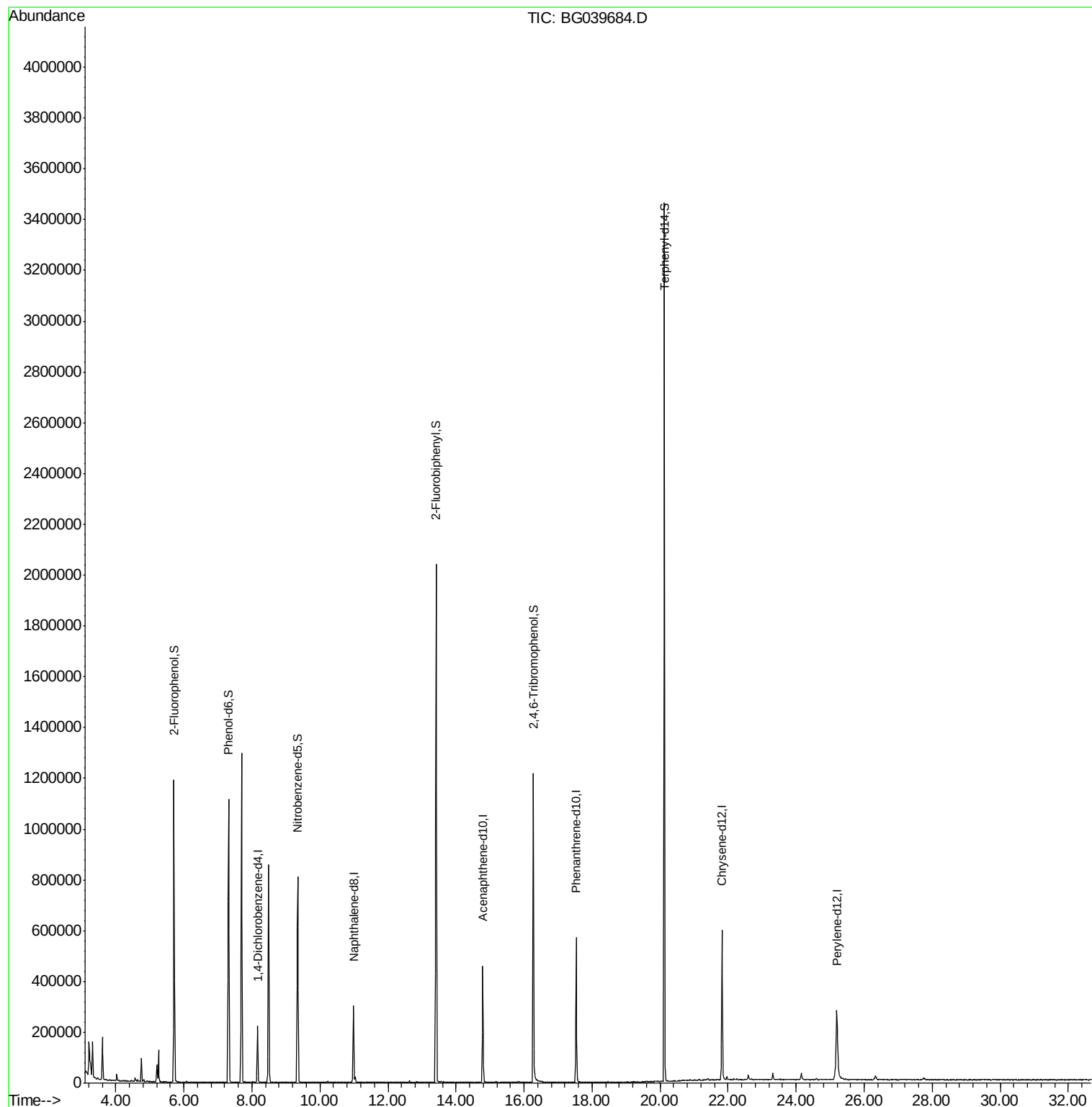
Target Compounds Qvalue

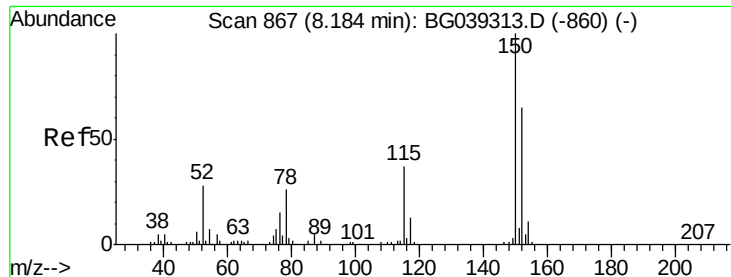
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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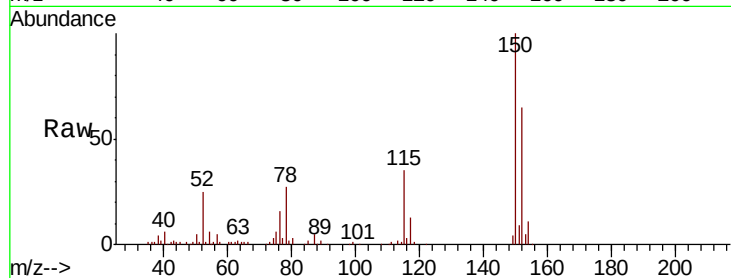


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039684.D
Acq: 1 Mar 2019 7:31

Instrument :
BNA_G
ClientSampleId :
351-281

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.7	185.5
115	54.4	45.9	68.9

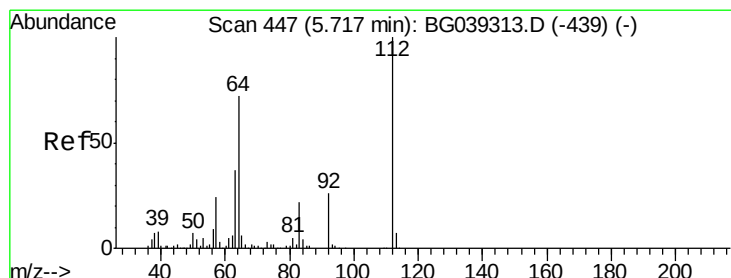
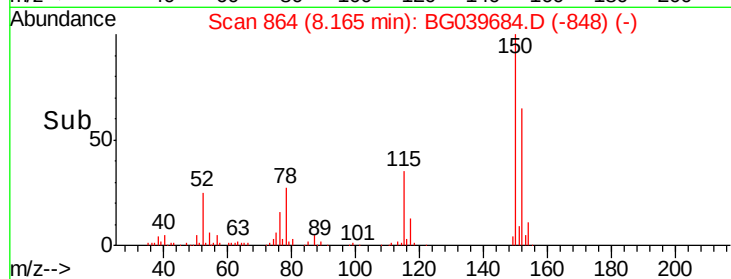
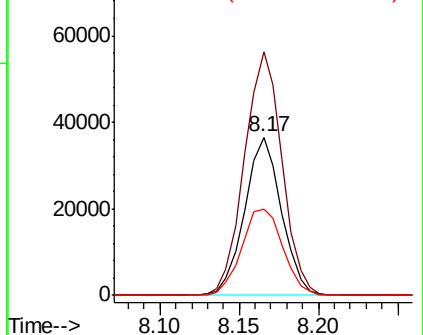


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

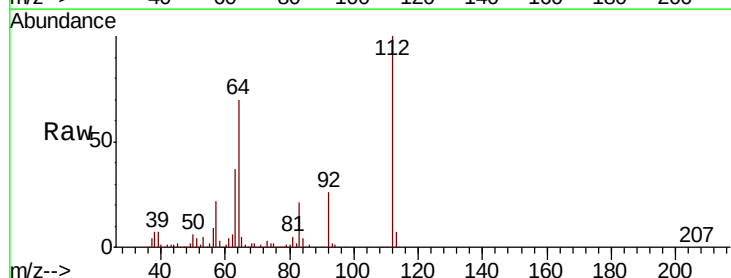
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.309 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039684.D
Acq: 1 Mar 2019 7:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.8	86.8
63	37.3	29.8	44.6

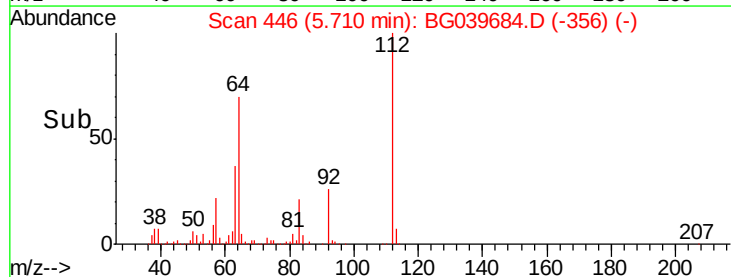
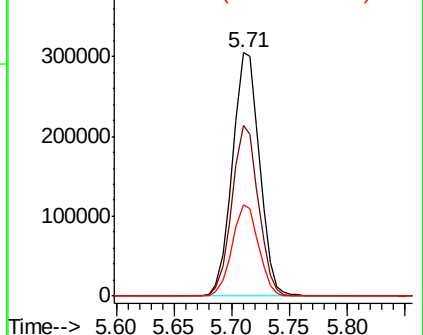


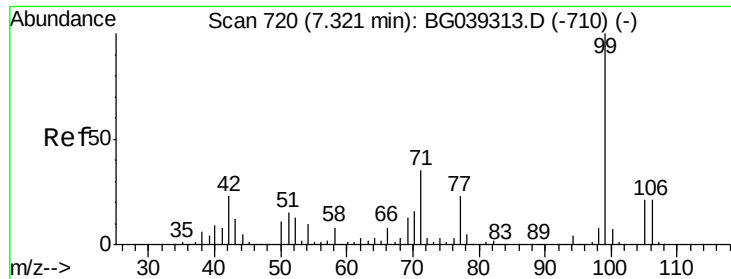
Abundance

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: 124.905 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG039684.D

Acq: 1 Mar 2019 7:31

Instrument :

BNA_G

ClientSampleId :

351-281

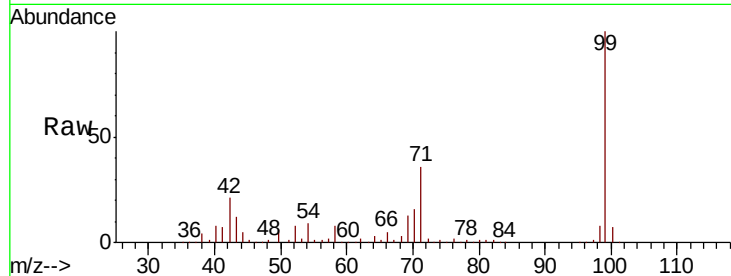
Tot Ion: 99 Resp: 632243

Ion Ratio Lower Upper

99 100

42 20.7 18.2 27.2

71 36.3 28.0 42.0

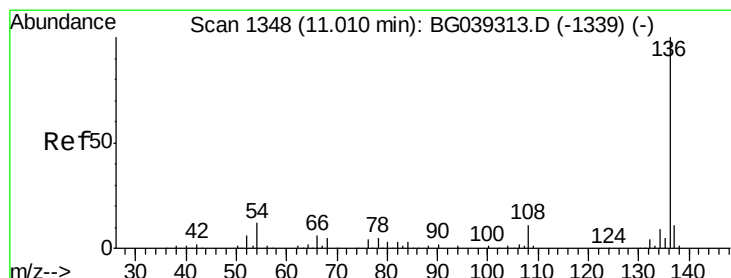
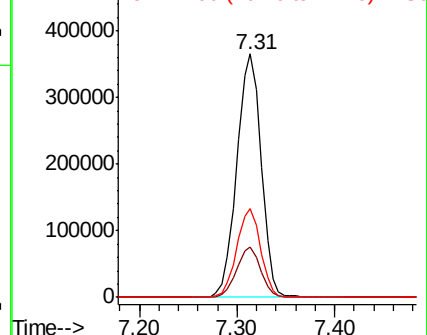
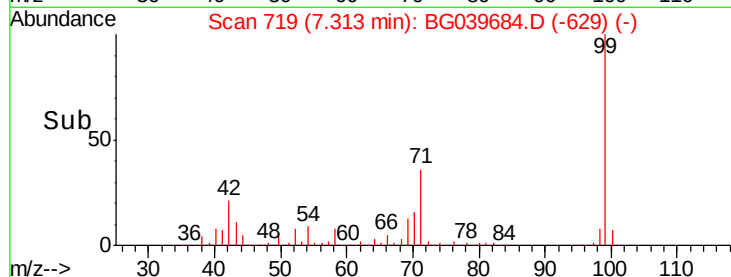


Abundance

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. -0.01 min

Lab File: BG039684.D

Acq: 1 Mar 2019 7:31

Tgt Ion: 136 Resp: 259402

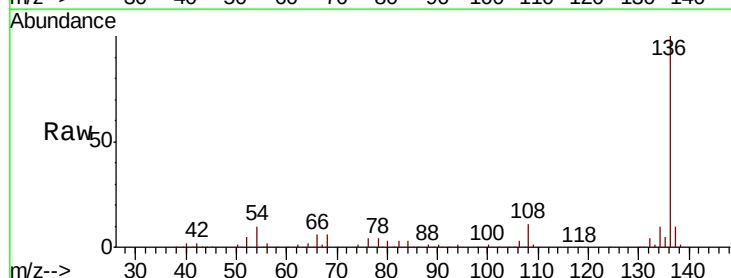
Ion Ratio Lower Upper

136 100

137 10.1 9.1 13.7

54 10.5 9.4 14.2

68 6.2 4.2 6.4



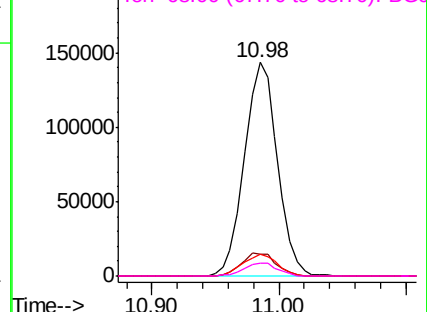
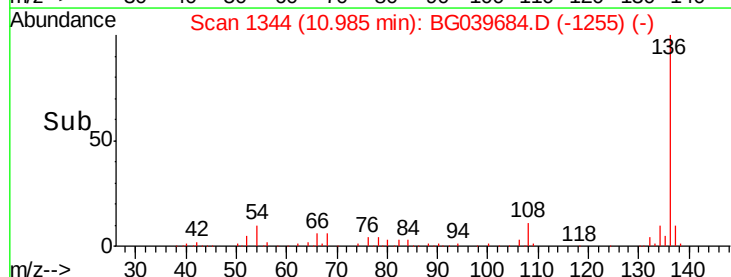
Abundance

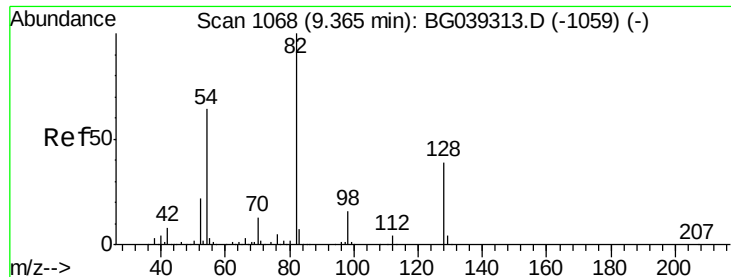
Ion 136.00 (135.70 to 136.70): BGC

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: 115.658 ng

RT: 9.35 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BG039684.D

Acq: 1 Mar 2019 7:31

Instrument :

BNA_G

ClientSampleId :

351-281

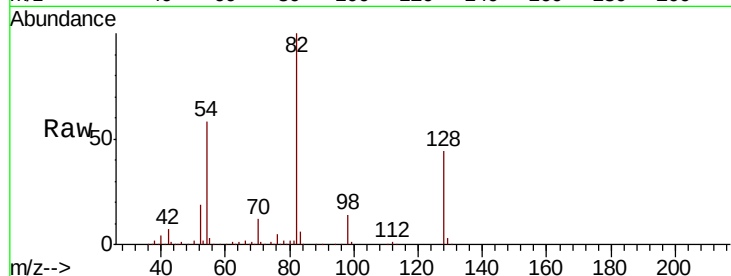
Tot Ion: 82 Resp: 480247

Ion Ratio Lower Upper

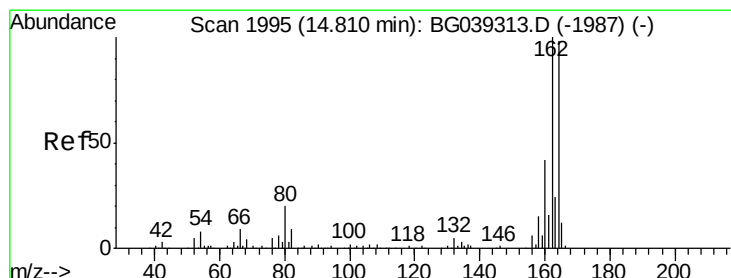
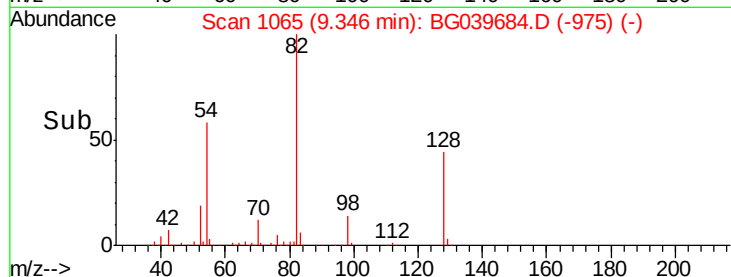
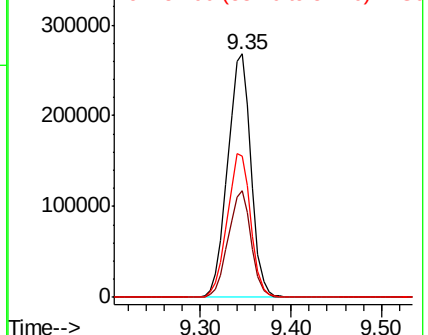
82 100

128 43.7 31.3 46.9

54 58.0 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: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039684.D

Acq: 1 Mar 2019 7:31

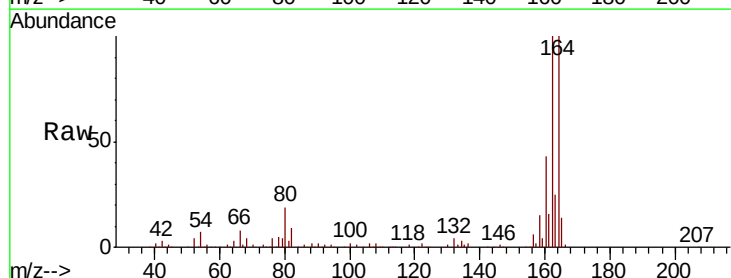
Tgt Ion:164 Resp: 163133

Ion Ratio Lower Upper

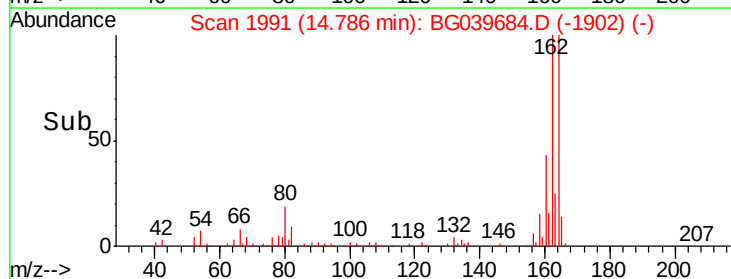
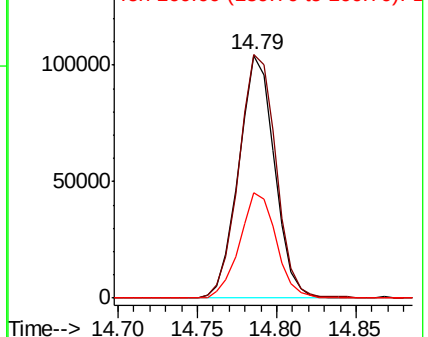
164 100

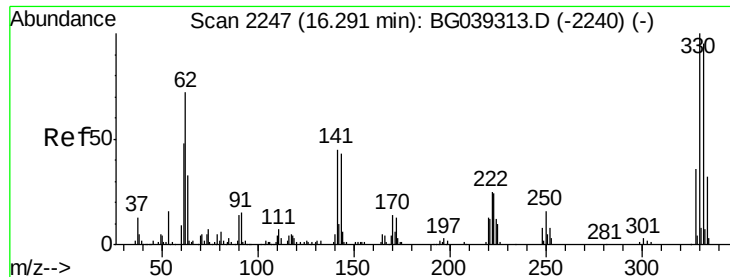
162 100.3 81.6 122.4

160 43.2 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

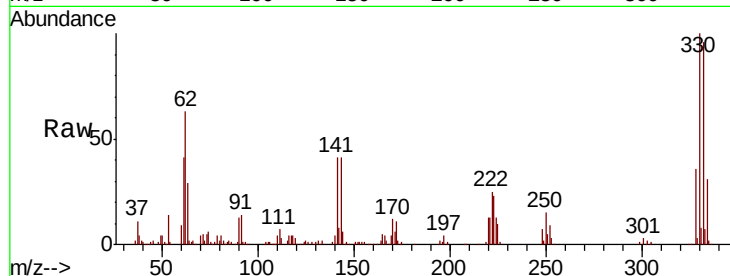




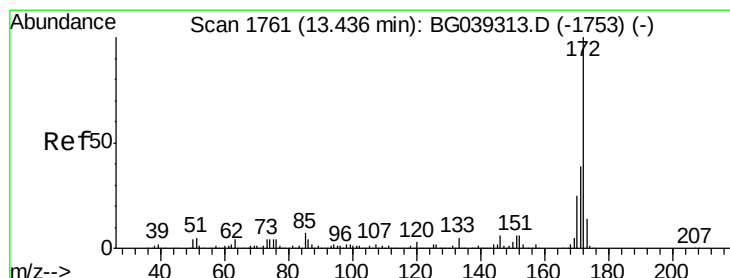
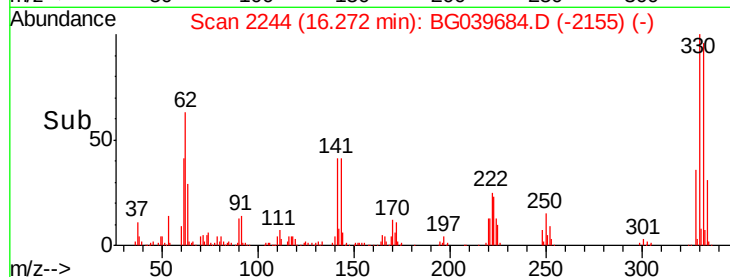
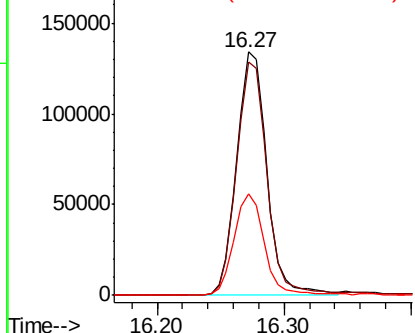
#42
 2,4,6-Tribromophenol
 Concen: 126.340 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039684.D
 Acq: 1 Mar 2019 7:31

Instrument :
 BNA_G
 ClientSampleId :
 351-281

Tot Ion:330 Resp: 221936
 Ion Ratio Lower Upper
 330 100
 332 98.8 75.7 113.5
 141 41.5 35.6 53.4

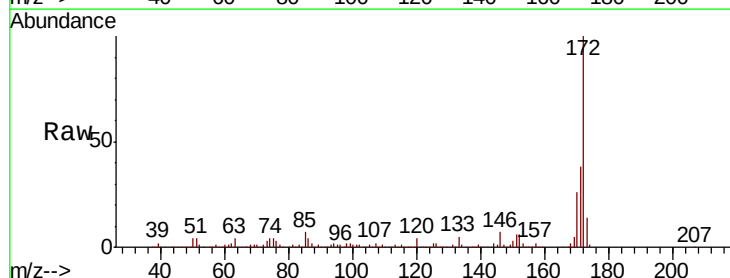


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

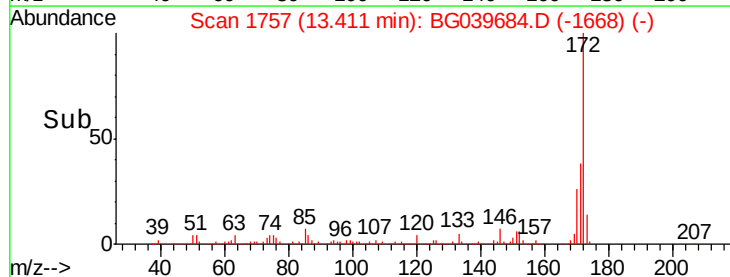
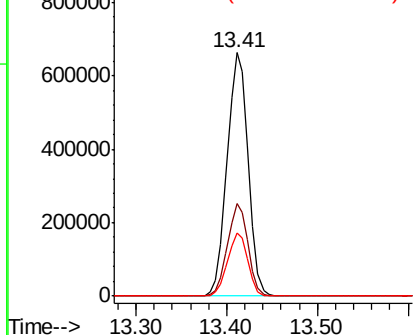


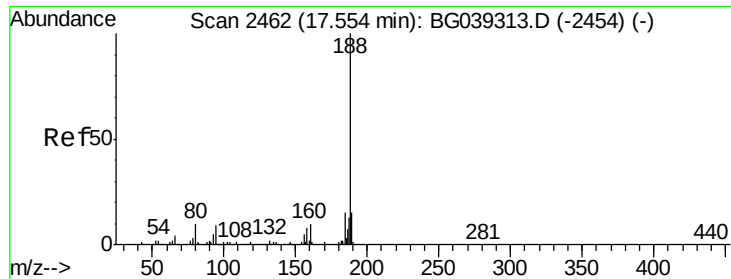
#45
 2-Fluorobiphenyl
 Concen: 94.037 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039684.D
 Acq: 1 Mar 2019 7:31

Tgt Ion:172 Resp: 1069366
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 25.8 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# 2458

Delta R.T. -0.01 min

Lab File: BG039684.D

Acq: 1 Mar 2019 7:31

Instrument :

BNA_G

ClientSampleId :

351-281

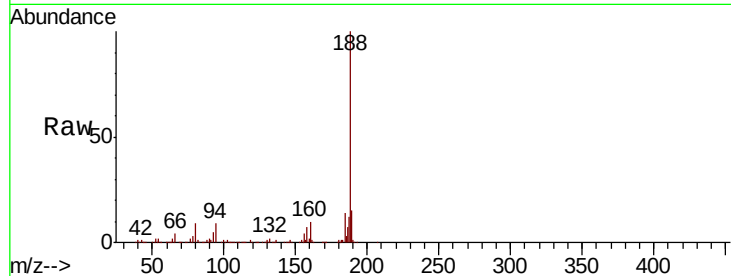
Tot Ion:188 Resp: 365242

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

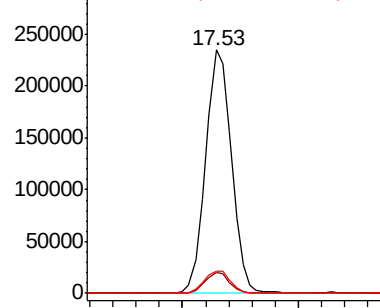
80 9.1 8.1 12.1



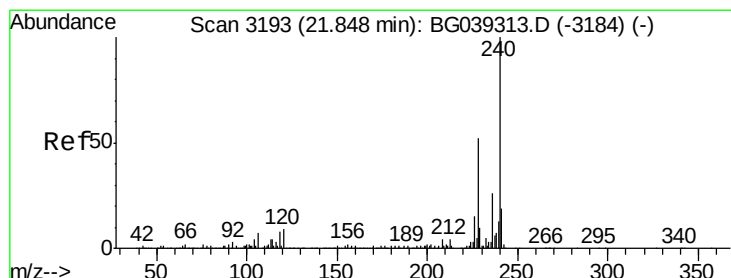
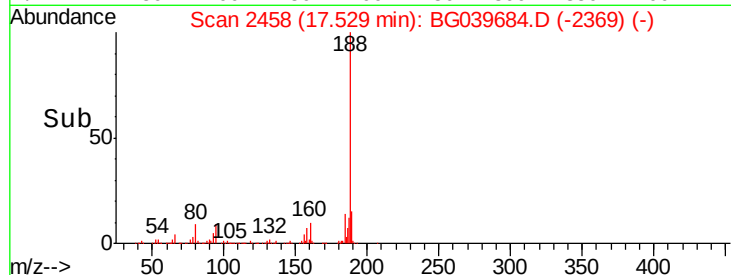
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039684.D

Acq: 1 Mar 2019 7:31

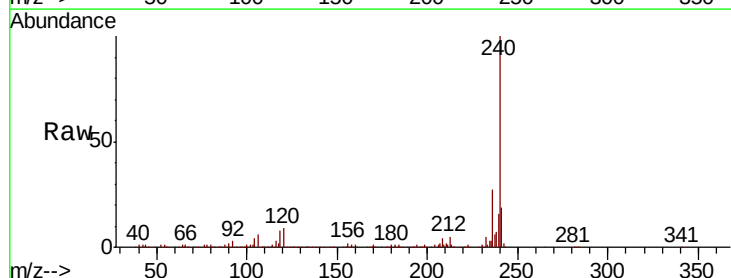
Tgt Ion:240 Resp: 383783

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

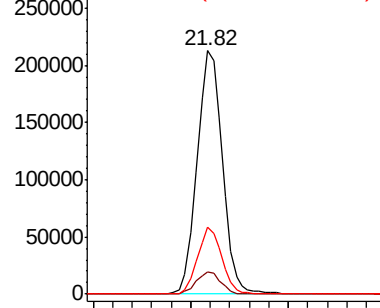
236 27.4 21.0 31.4



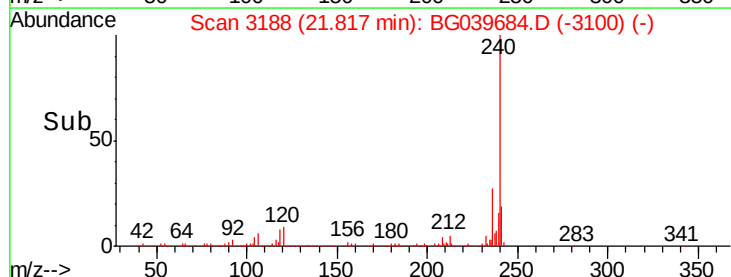
Abundance Ion 240.00 (239.70 to 240.70): E

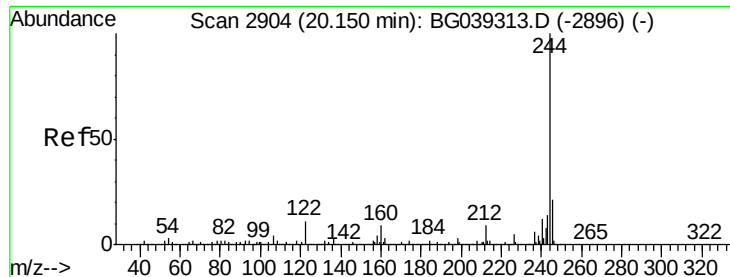
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 87.043 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039684.D

Acq: 1 Mar 2019 7:31

Instrument :

BNA_G

ClientSampled :

351-281

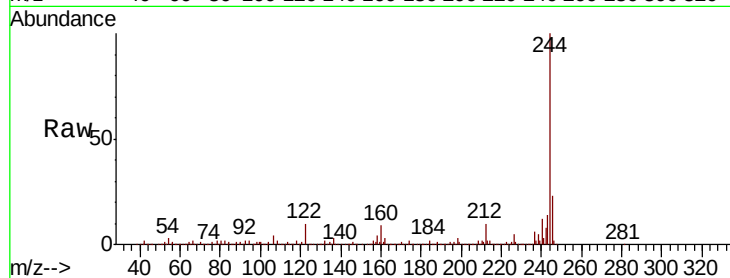
Tot Ion:244 Resp: 1578202

Ion Ratio Lower Upper

244 100

212 9.9 7.3 10.9

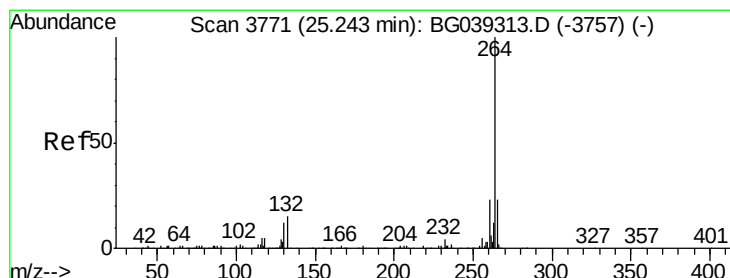
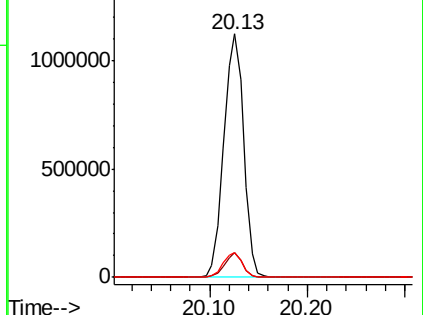
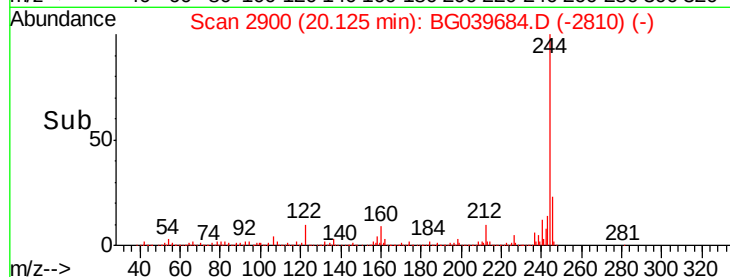
122 10.1 8.4 12.6



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. 0.00 min

Lab File: BG039684.D

Acq: 1 Mar 2019 7:31

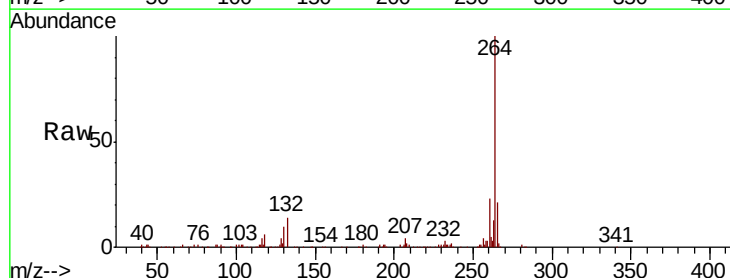
Tgt Ion:264 Resp: 367173

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 20.7 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

