

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039486.D
 Acq On : 13 Feb 2019 5:50
 Operator : JU/SJ
 Sample : K1459-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-10-S

Quant Time: Feb 13 07:21:48 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	45197	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	214833	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	152796	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	360346	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	352386	20.00	ng	-0.02
87) Perylene-d12	25.21	264	344591	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	437407	165.64	ng	0.00
7) Phenol-d6	7.31	99	597786	153.79	ng	0.00
23) Nitrobenzene-d5	9.35	82	413226	120.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	246694	149.93	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1020558	95.82	ng	-0.01
79) Terphenyl-d14	20.14	244	1542863	92.68	ng	-0.01

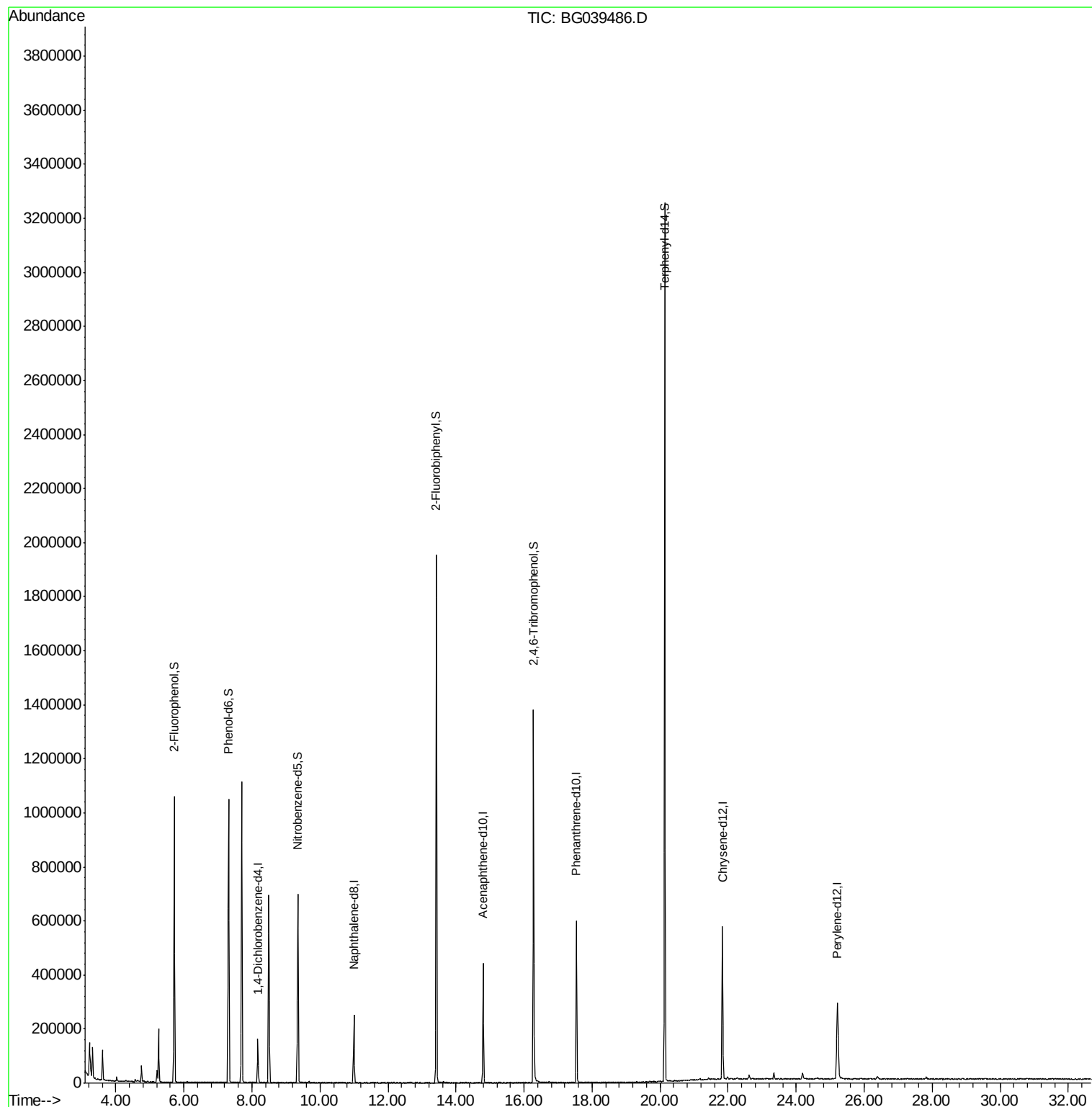
Target Compounds Qvalue

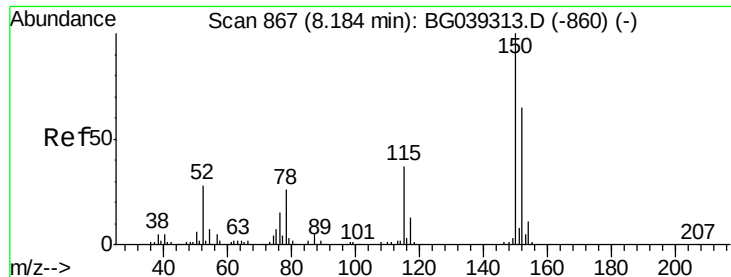
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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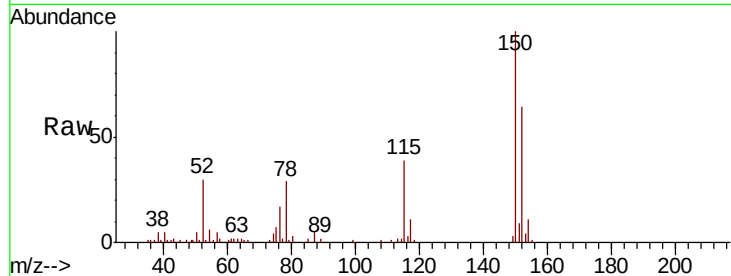


#1

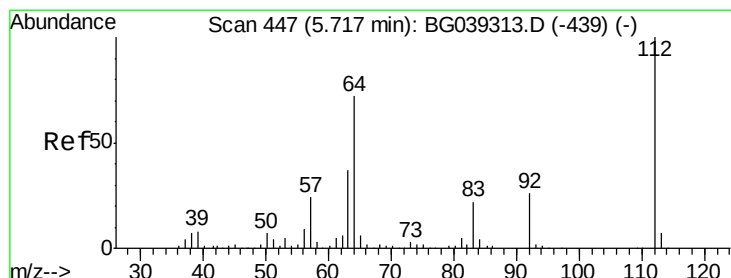
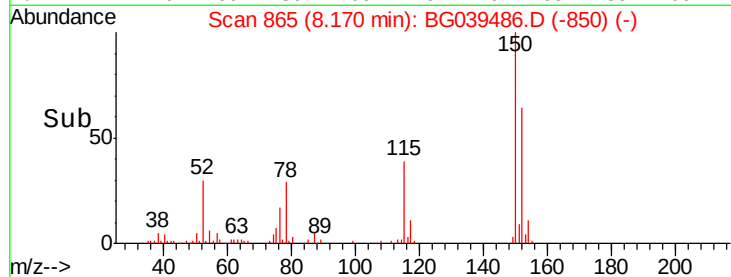
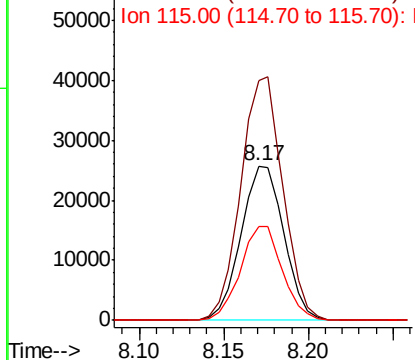
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039486.D
Acq: 13 Feb 2019 5:50

Instrument :
BNA_G
ClientSampled :
M-10-S

Tot Ion:152 Resp: 45197
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 60.6 45.9 68.9



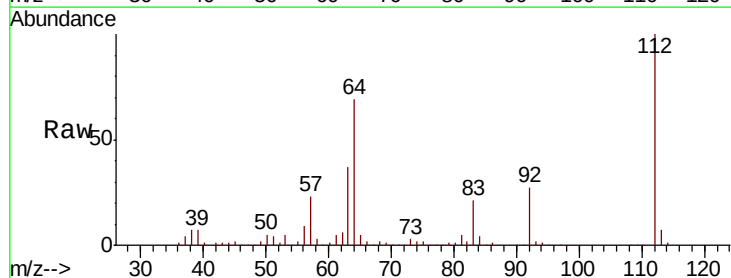
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



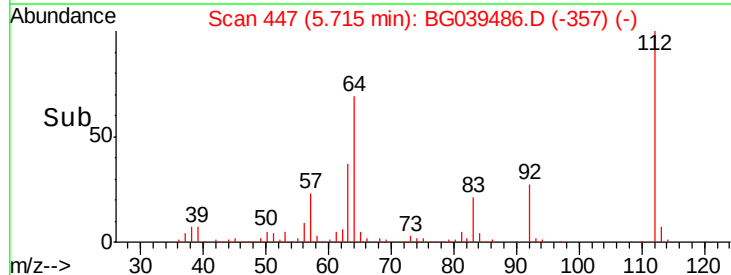
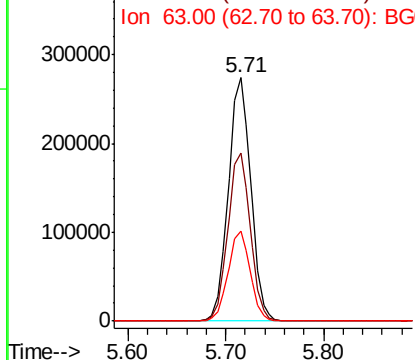
#5

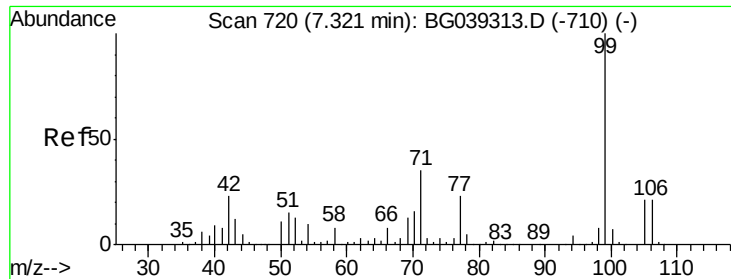
2-Fluorophenol
Concen: 165.636 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039486.D
Acq: 13 Feb 2019 5:50

Tgt Ion:112 Resp: 437407
Ion Ratio Lower Upper
112 100
64 68.8 57.8 86.8
63 36.8 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: 153.786 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039486.D

Acq: 13 Feb 2019 5:50

Instrument :

BNA_G

ClientSampleId :

M-10-S

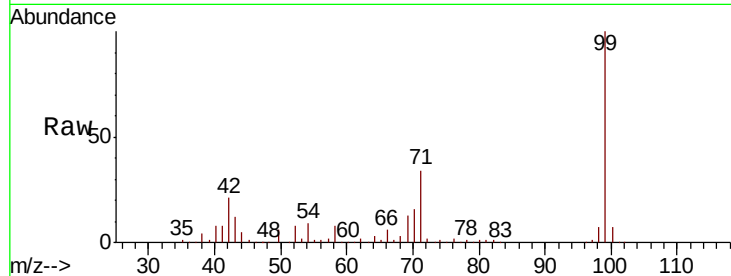
Tot Ion: 99 Resp: 597786

Ion Ratio Lower Upper

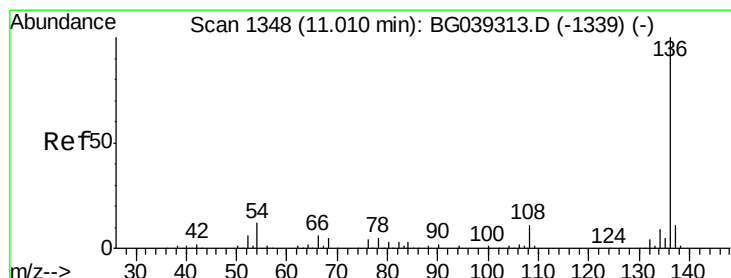
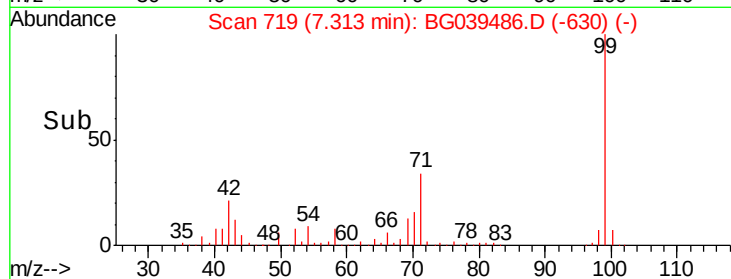
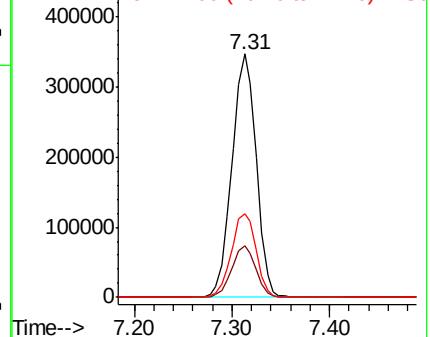
99 100

42 21.4 18.2 27.2

71 34.5 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# 1346

Delta R.T. -0.01 min

Lab File: BG039486.D

Acq: 13 Feb 2019 5:50

Tgt Ion: 136 Resp: 214833

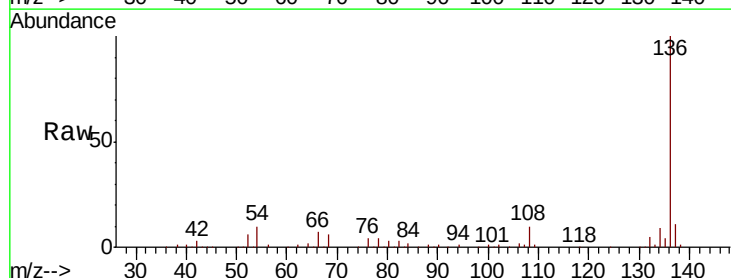
Ion Ratio Lower Upper

136 100

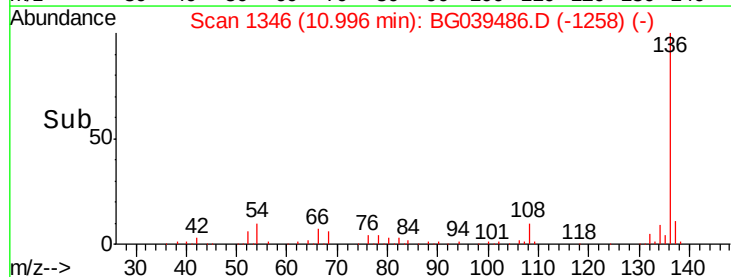
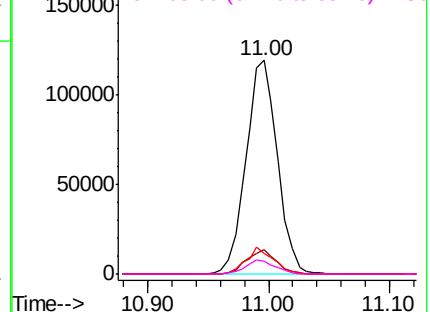
137 11.3 9.1 13.7

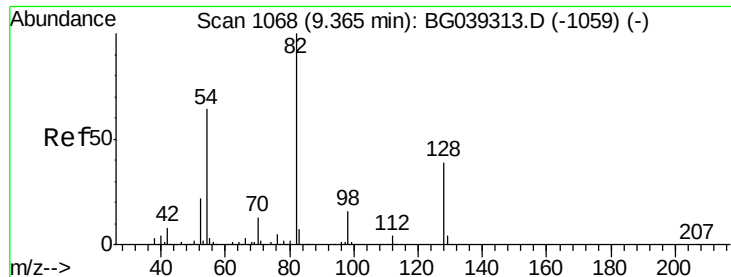
54 9.8 9.4 14.2

68 6.1 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: 120.163 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG039486.D

Acq: 13 Feb 2019 5:50

Instrument :

BNA_G

ClientSampleId :

M-10-S

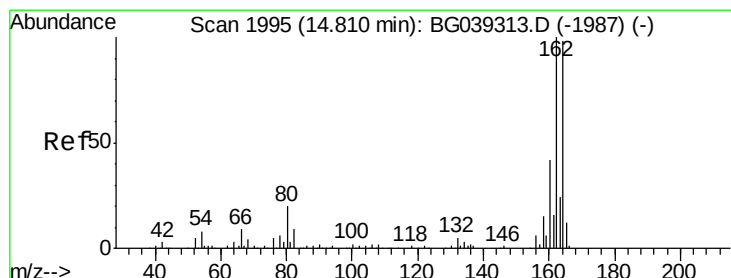
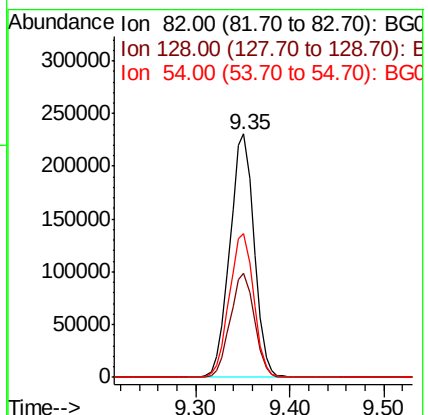
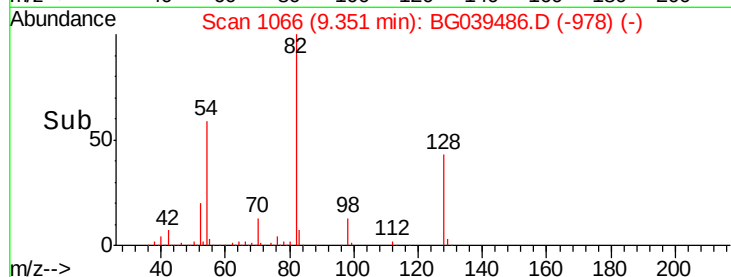
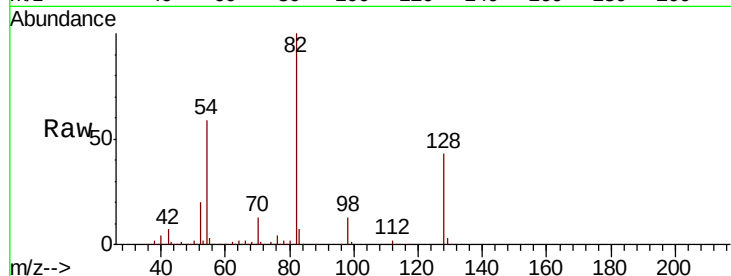
Tot Ion: 82 Resp: 413226

Ion Ratio Lower Upper

82 100

128 42.7 31.3 46.9

54 58.8 50.9 76.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039486.D

Acq: 13 Feb 2019 5:50

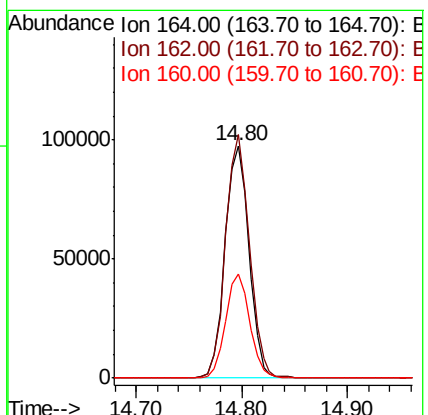
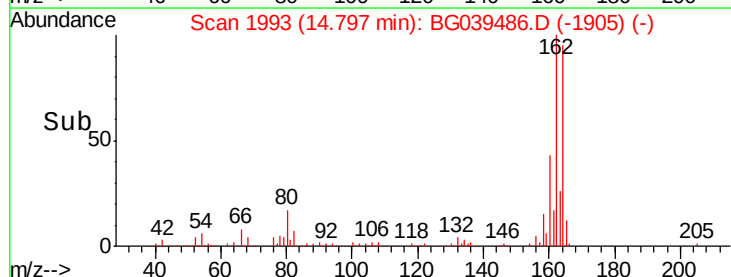
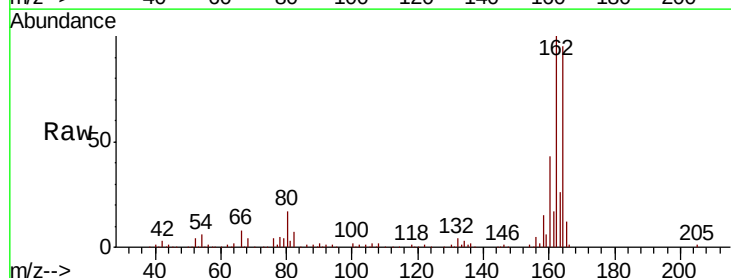
Tgt Ion: 164 Resp: 152796

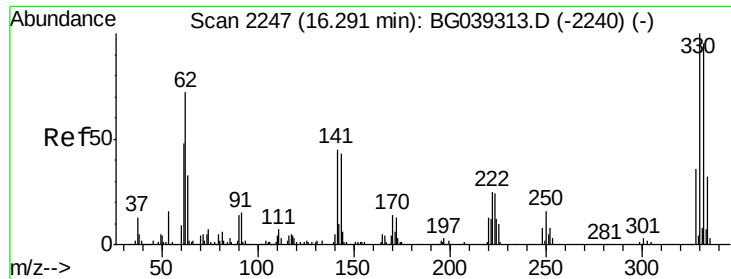
Ion Ratio Lower Upper

164 100

162 104.9 81.6 122.4

160 44.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 149.934 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039486.D

Acq: 13 Feb 2019 5:50

Instrument :

BNA_G

ClientSampleId :

M-10-S

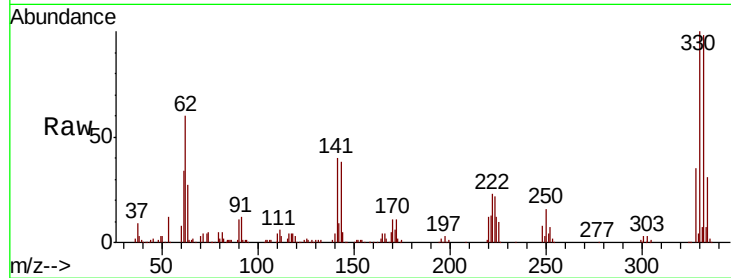
Tot Ion:330 Resp: 246694

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

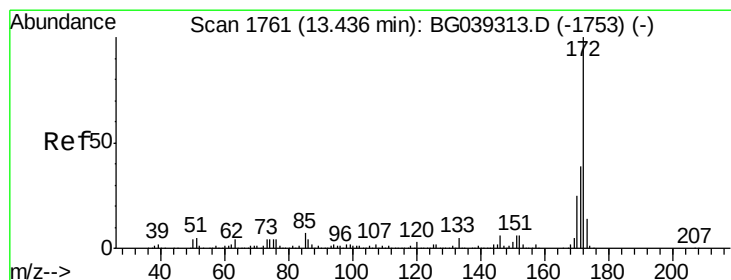
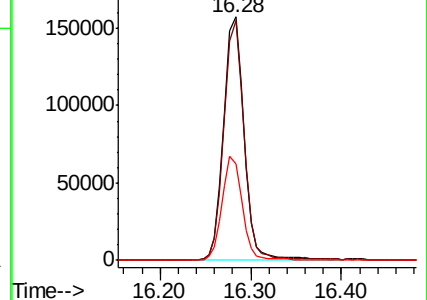
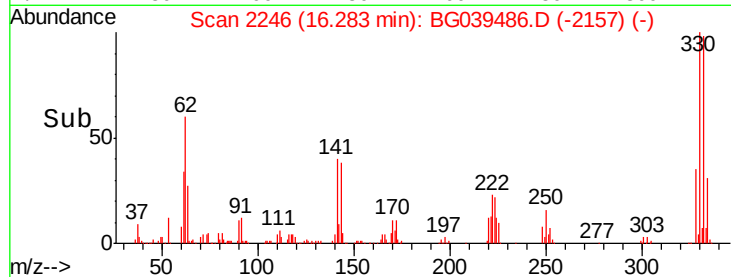
141 42.3 35.6 53.4



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: 95.817 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039486.D

Acq: 13 Feb 2019 5:50

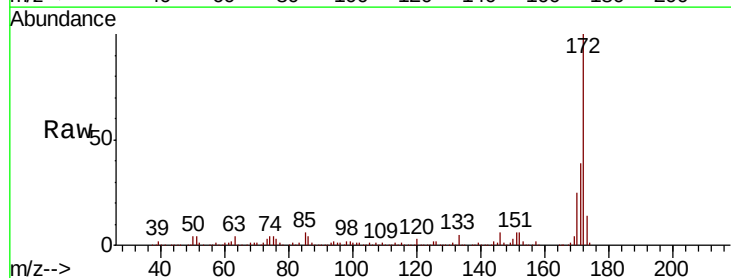
Tgt Ion:172 Resp: 1020558

Ion Ratio Lower Upper

172 100

171 38.6 30.8 46.2

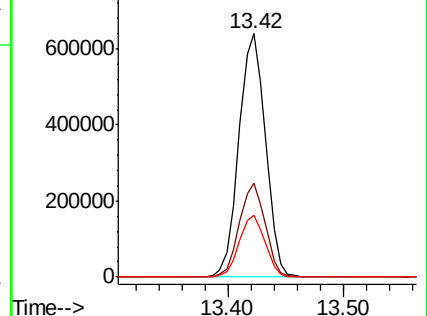
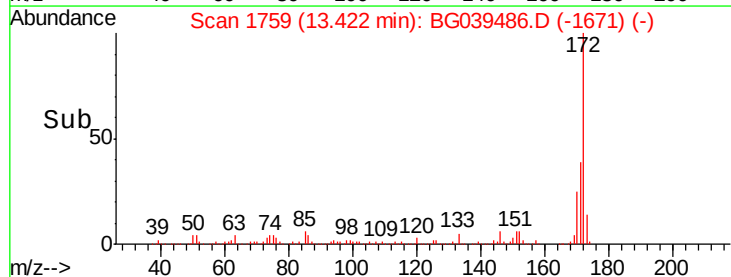
170 25.4 20.2 30.4

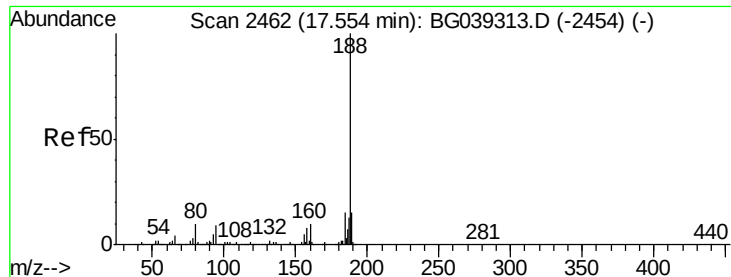


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2460

Delta R.T. -0.01 min

Lab File: BG039486.D

Acq: 13 Feb 2019 5:50

Instrument :

BNA_G

ClientSampleId :

M-10-S

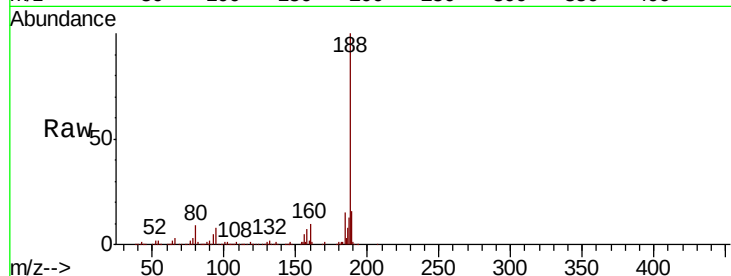
Tot Ion:188 Resp: 360346

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

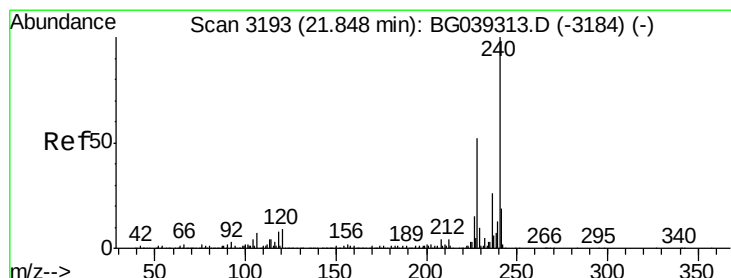
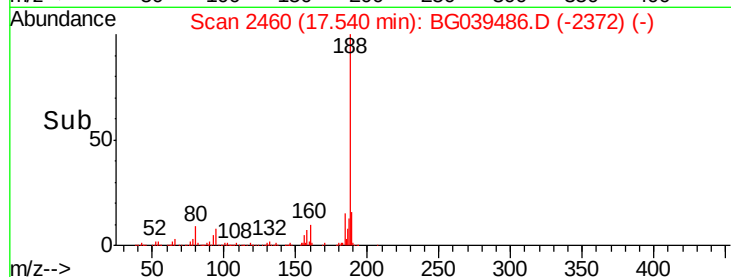
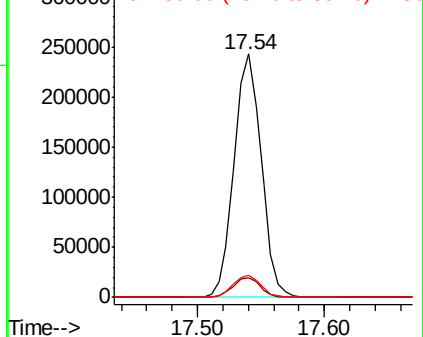
80 9.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039486.D

Acq: 13 Feb 2019 5:50

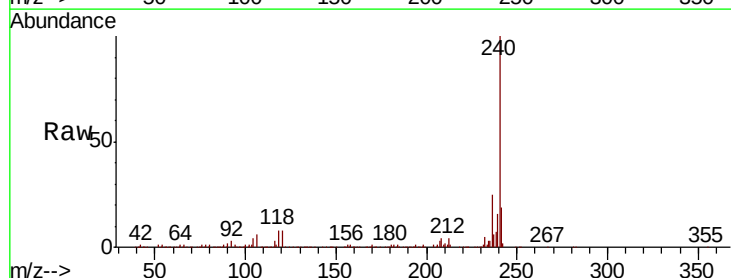
Tgt Ion:240 Resp: 352386

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

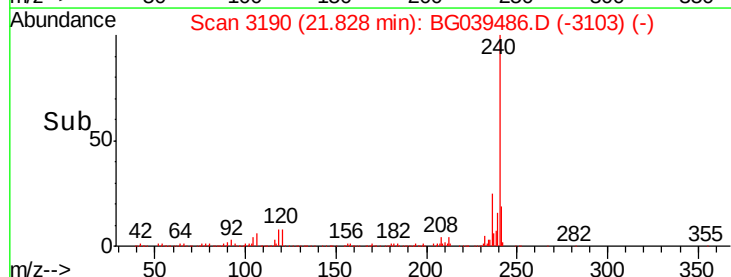
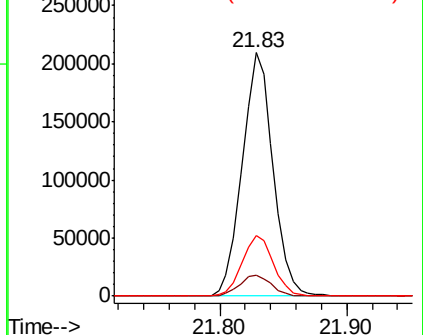
236 25.0 21.0 31.4

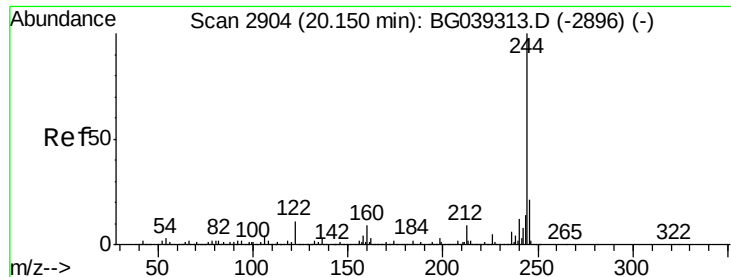


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



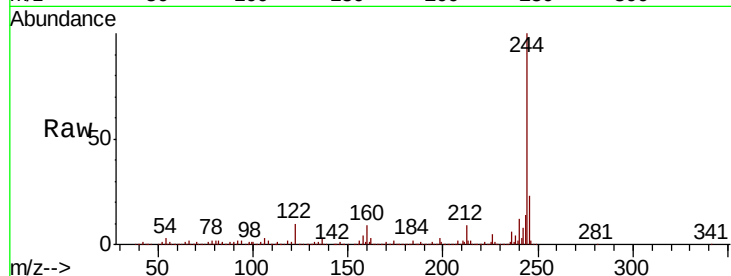


#79
 Terphenyl-d14
 Concen: 92.676 ng
 RT: 20.14 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG039486.D
 Acq: 13 Feb 2019 5:50

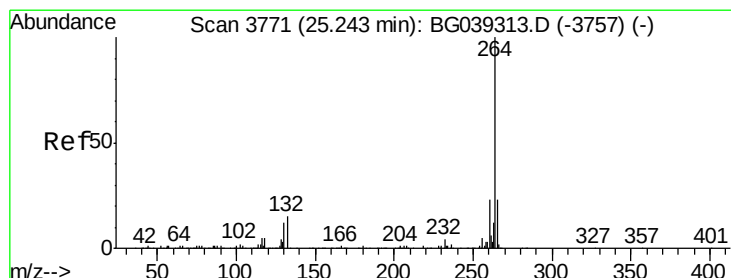
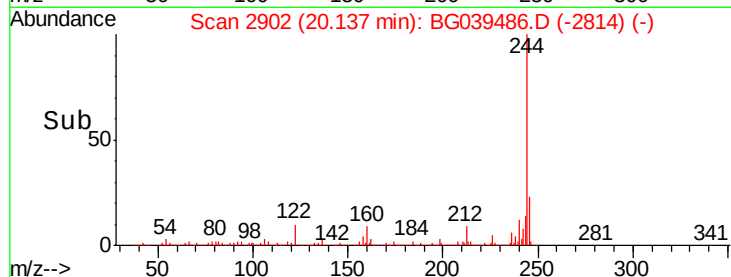
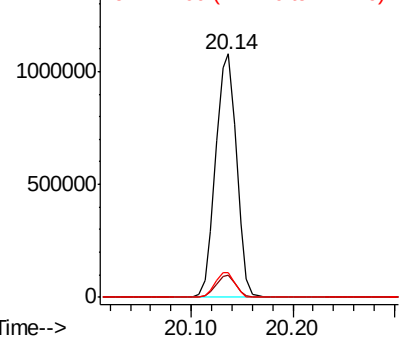
Instrument :
 BNA_G
 ClientSampleId :
 M-10-S

Tot Ion:244 Resp: 1542863

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.9	8.4	12.6



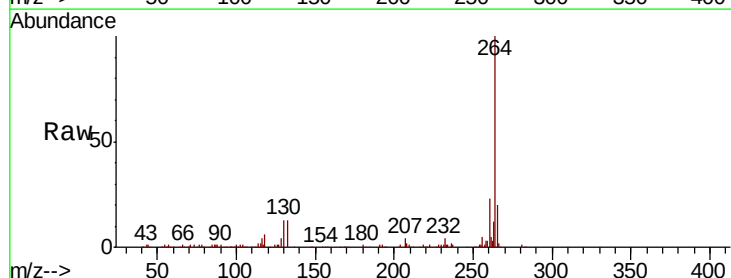
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039486.D
 Acq: 13 Feb 2019 5:50

Tgt Ion:264 Resp: 344591

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	20.3	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

