

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039402.D
 Acq On : 8 Feb 2019 4:49
 Operator : JU/SJ
 Sample : K1389-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-4

Quant Time: Feb 09 00:49:51 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	8.18	152	51492	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	221694	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	149336	20.00	ng	-0.01
64) Phenanthrene-d10	17.55	188	358971	20.00	ng	0.00
76) Chrysene-d12	21.83	240	381834	20.00	ng	-0.01
87) Perylene-d12	25.22	264	370235	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	449454	149.39	ng	0.00
7) Phenol-d6	7.31	99	597565	134.94	ng	0.00
23) Nitrobenzene-d5	9.36	82	417227	117.57	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	234775	146.00	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	986215	94.74	ng	0.00
79) Terphenyl-d14	20.14	244	1648851	91.40	ng	-0.01

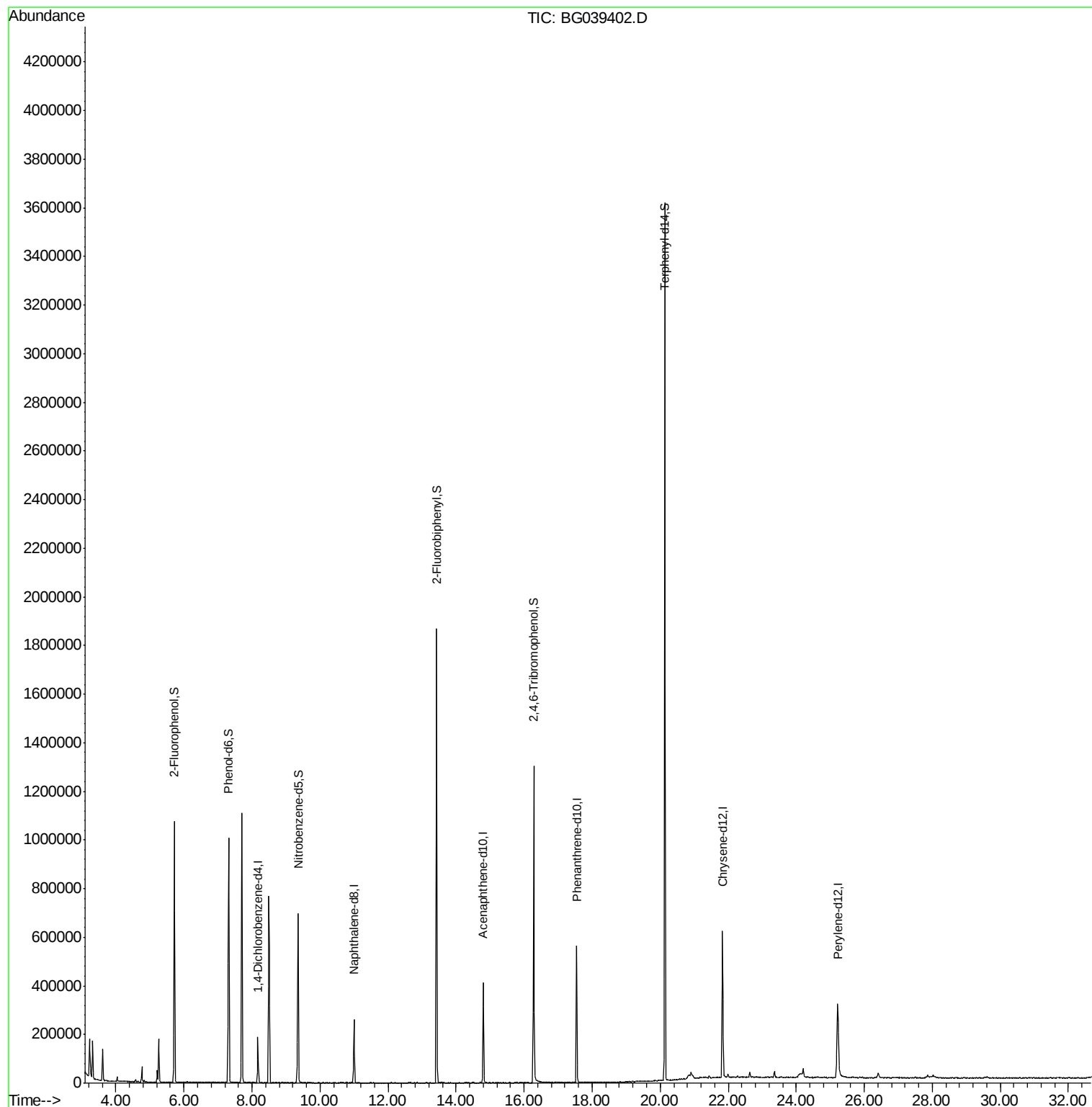
Target Compounds Qvalue

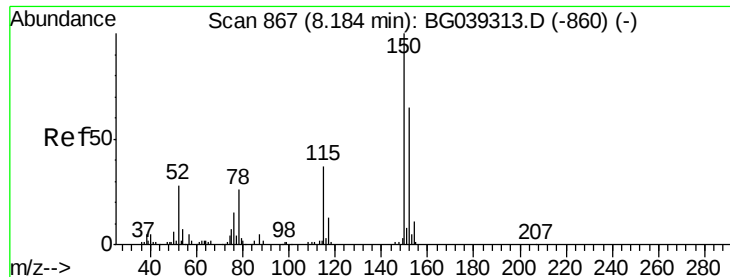
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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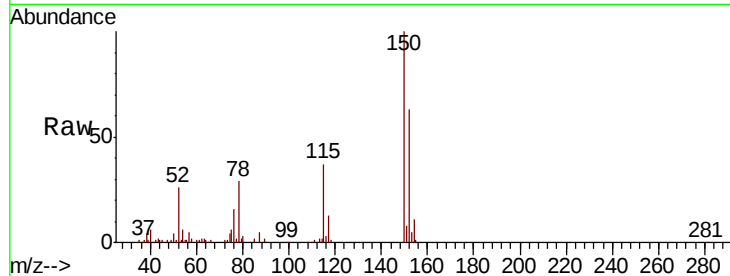


#1

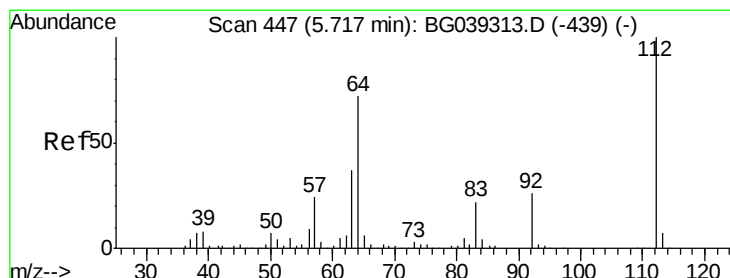
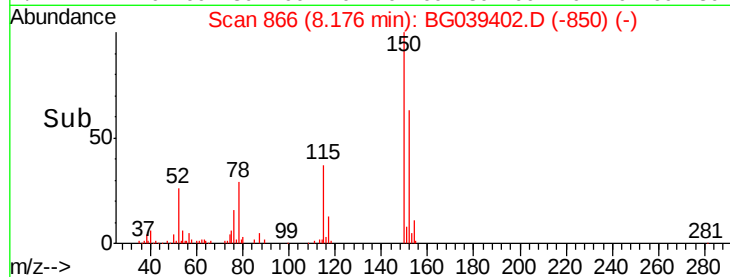
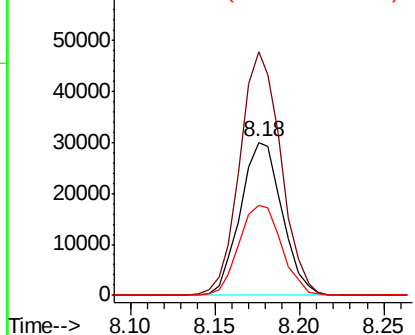
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG039402.D
 Acq: 8 Feb 2019 4:49

Instrument :
 BNA_G
 ClientSampleId :
 M-4

Tot Ion:152 Resp: 51492
 Ion Ratio Lower Upper
 152 100
 150 159.1 123.7 185.5
 115 58.7 45.9 68.9



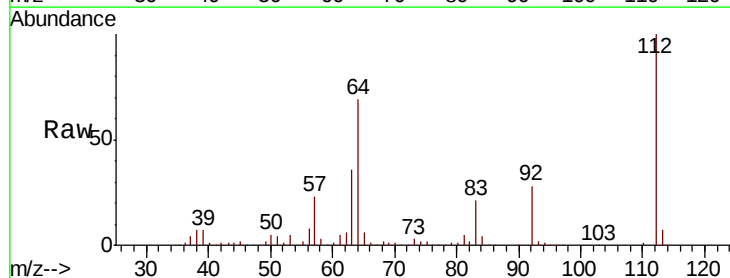
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



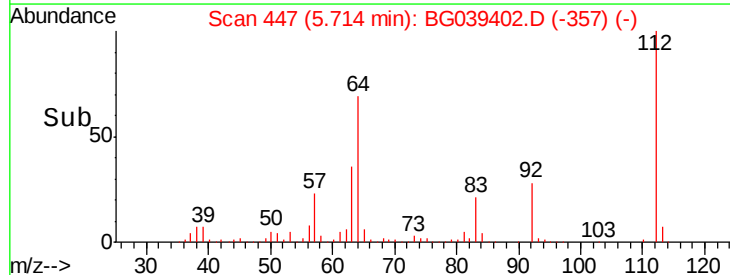
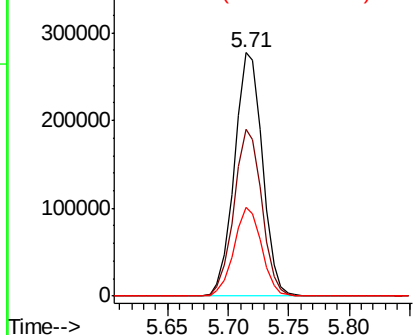
#5

2-Fluorophenol
 Concen: 149.391 ng
 RT: 5.71 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BG039402.D
 Acq: 8 Feb 2019 4:49

Tgt Ion:112 Resp: 449454
 Ion Ratio Lower Upper
 112 100
 64 68.7 57.8 86.8
 63 36.4 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: 134.935 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039402.D

Acq: 8 Feb 2019 4:49

Instrument :

BNA_G

ClientSampleId :

M-4

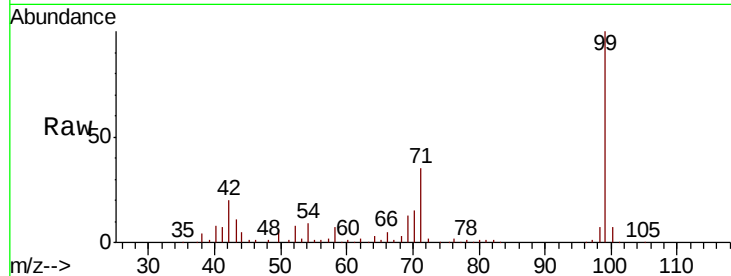
Tot Ion: 99 Resp: 597565

Ion Ratio Lower Upper

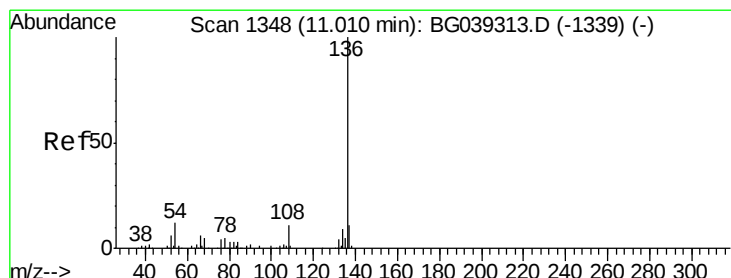
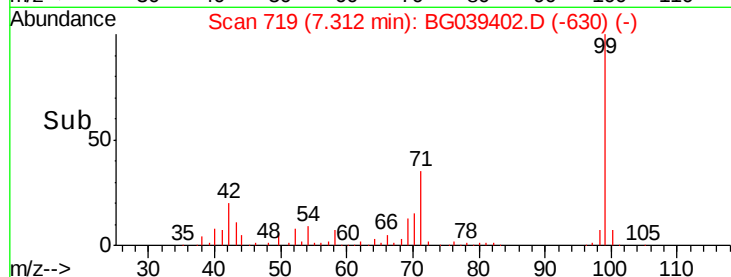
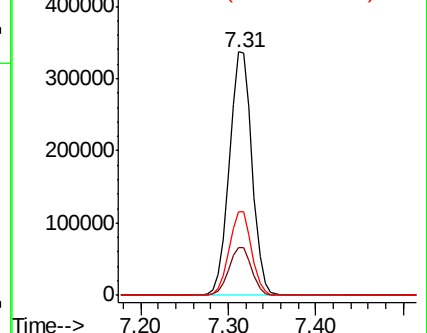
99 100

42 19.9 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# 1347

Delta R.T. -0.01 min

Lab File: BG039402.D

Acq: 8 Feb 2019 4:49

Tgt Ion: 136 Resp: 221694

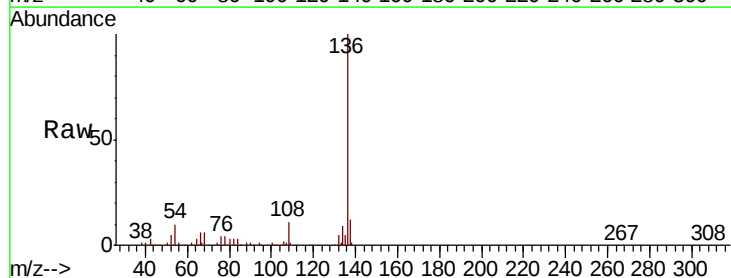
Ion Ratio Lower Upper

136 100

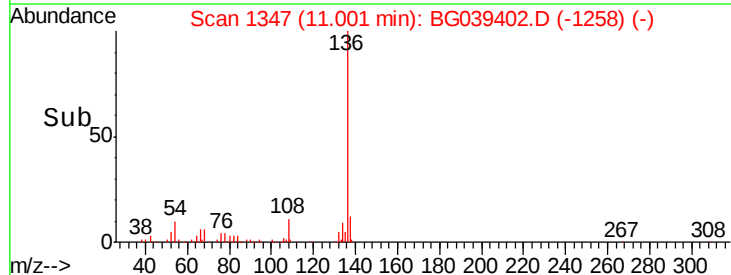
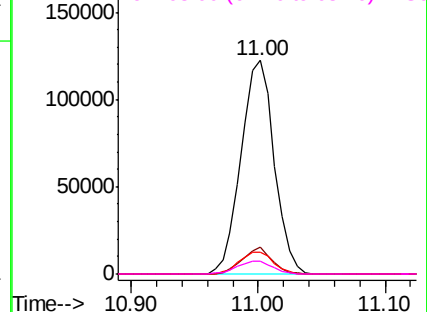
137 12.4 9.1 13.7

54 10.4 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

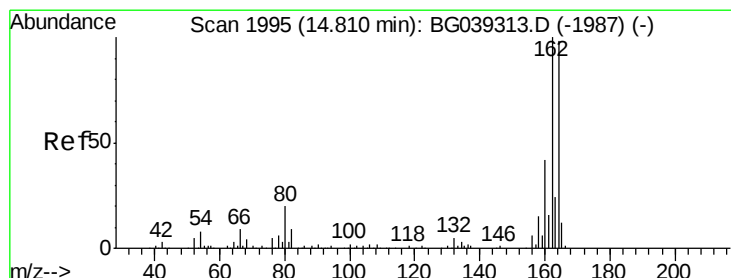
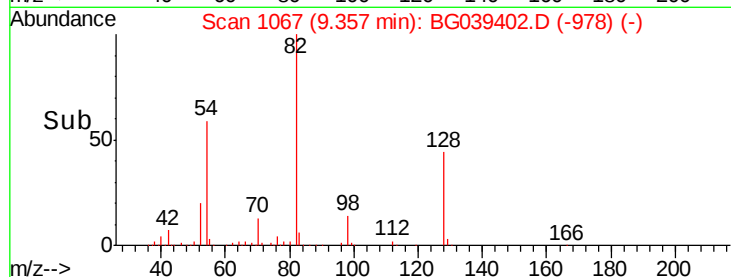
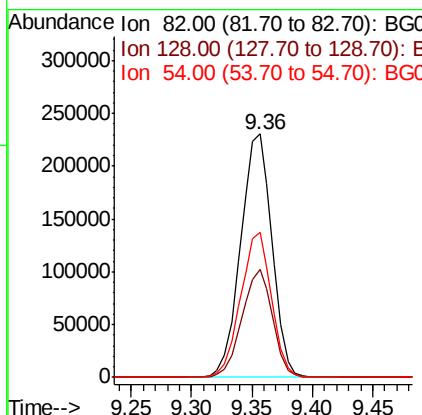
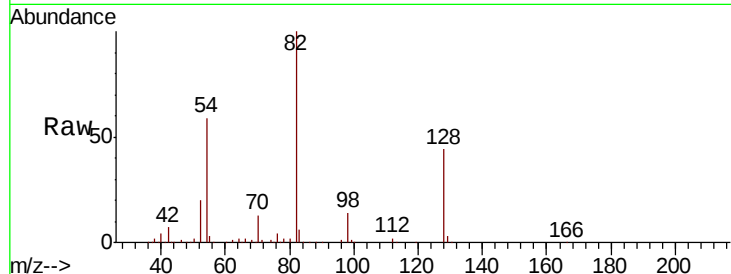




#23
 Nitrobenzene-d5
 Concen: 117.571 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039402.D
 Acq: 8 Feb 2019 4:49

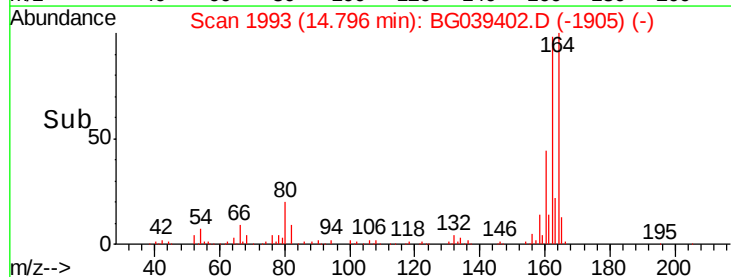
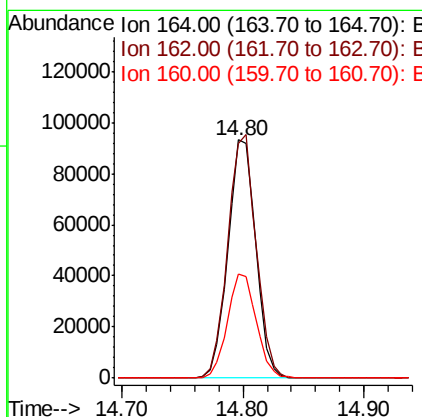
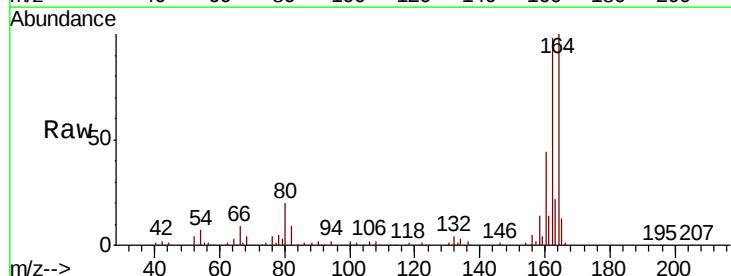
Instrument :
 BNA_G
 ClientSampleId :
 M-4

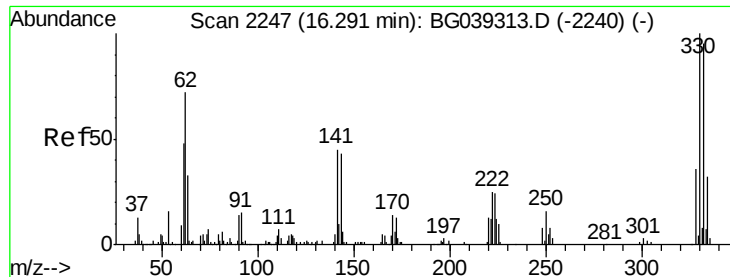
Tot Ion	82	Resp	417227
Ion Ratio	Lower	Upper	
82	100		
128	44.2	31.3	46.9
54	59.4	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039402.D
 Acq: 8 Feb 2019 4:49

Tgt Ion	164	Resp	149336
Ion Ratio	Lower	Upper	
164	100		
162	98.4	81.6	122.4
160	43.7	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 145.996 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039402.D

Acq: 8 Feb 2019 4:49

Instrument :

BNA_G

ClientSampleId :

M-4

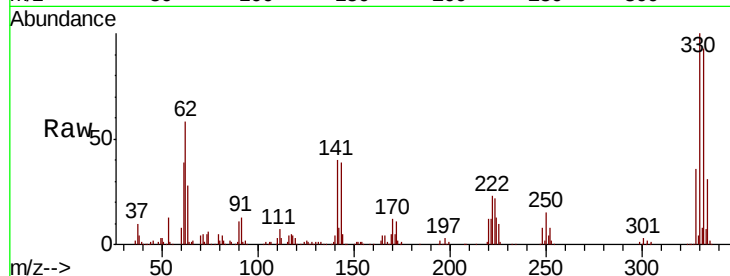
Tot Ion:330 Resp: 234775

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

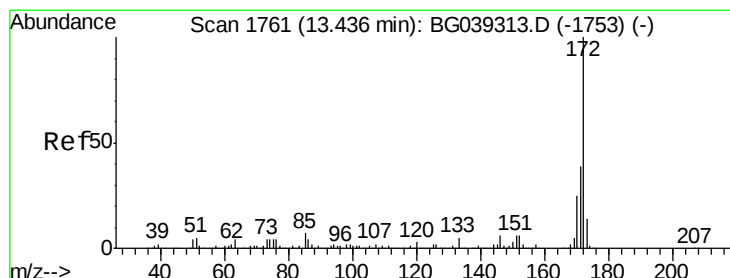
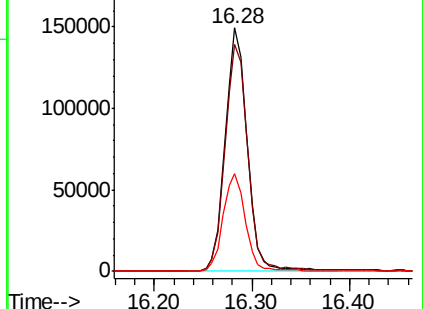
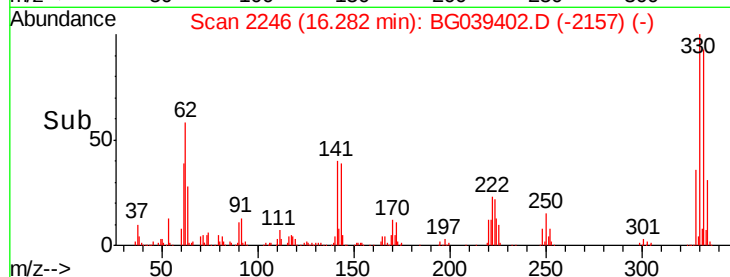
141 40.0 35.6 53.4



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: 94.738 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039402.D

Acq: 8 Feb 2019 4:49

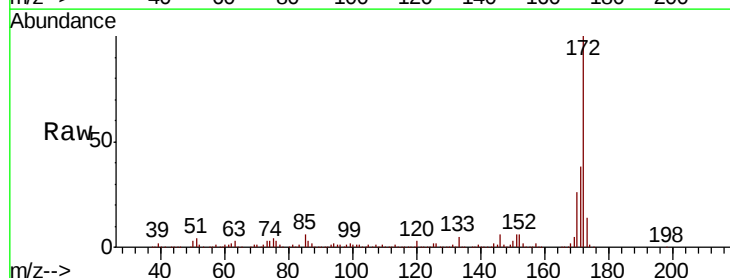
Tgt Ion:172 Resp: 986215

Ion Ratio Lower Upper

172 100

171 38.2 30.8 46.2

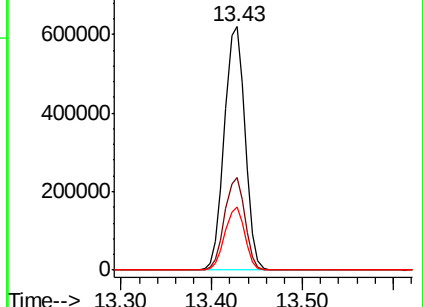
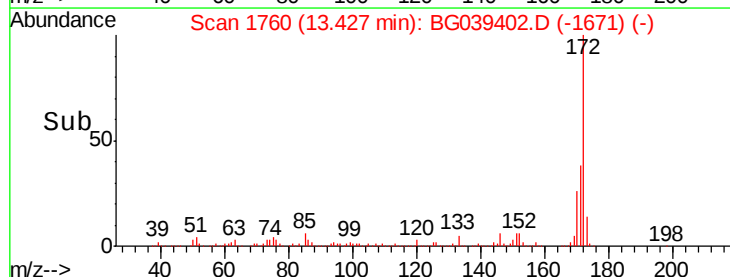
170 25.9 20.2 30.4



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: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039402.D

Acq: 8 Feb 2019 4:49

Instrument :

BNA_G

ClientSampleId :

M-4

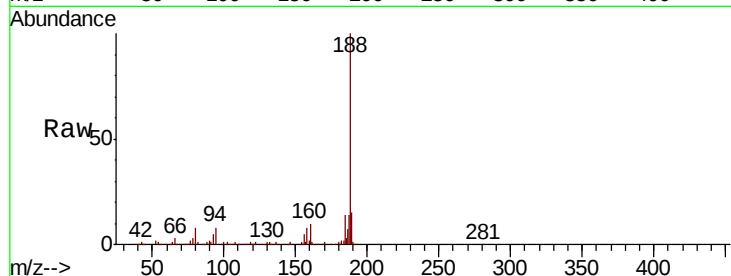
Tot Ion:188 Resp: 358971

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

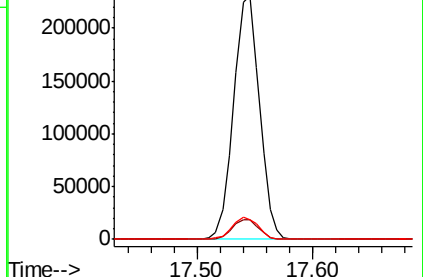
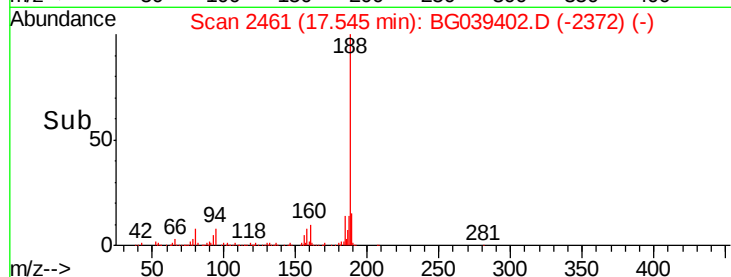
80 8.2 8.1 12.1



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# 3191

Delta R.T. -0.01 min

Lab File: BG039402.D

Acq: 8 Feb 2019 4:49

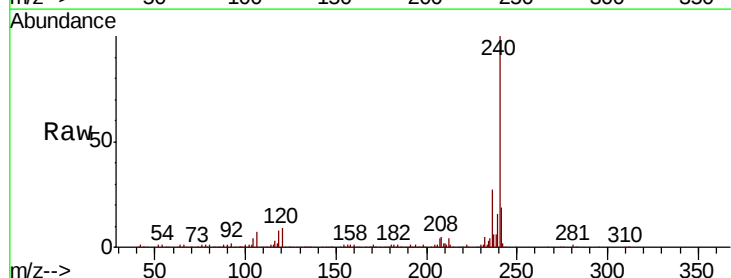
Tgt Ion:240 Resp: 381834

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

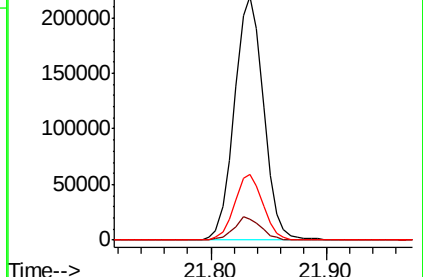
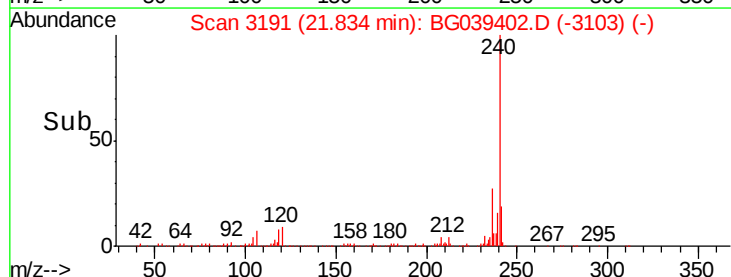
236 27.0 21.0 31.4



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: 91.404 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039402.D

Acq: 8 Feb 2019 4:49

Instrument :

BNA_G

ClientSampleId :

M-4

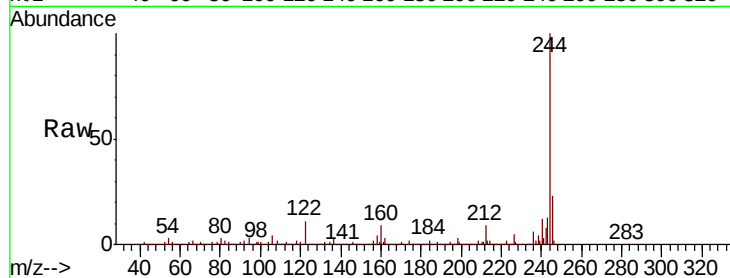
Tot Ion:244 Resp: 1648851

Ion Ratio Lower Upper

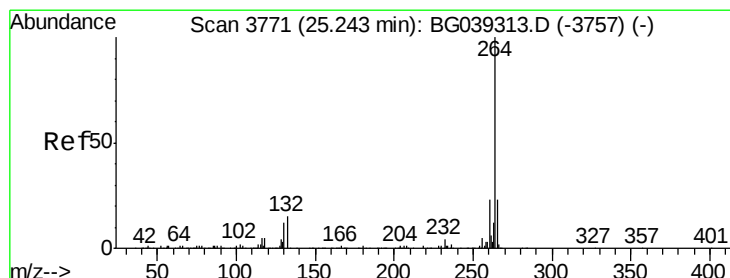
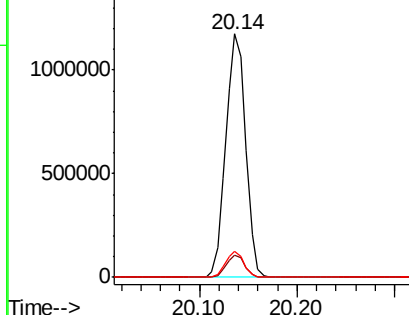
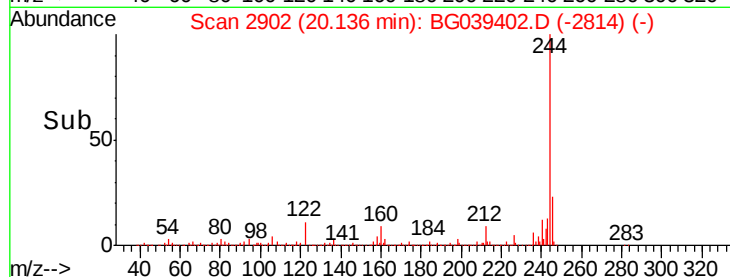
244 100

212 9.4 7.3 10.9

122 10.7 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: BG039402.D

Acq: 8 Feb 2019 4:49

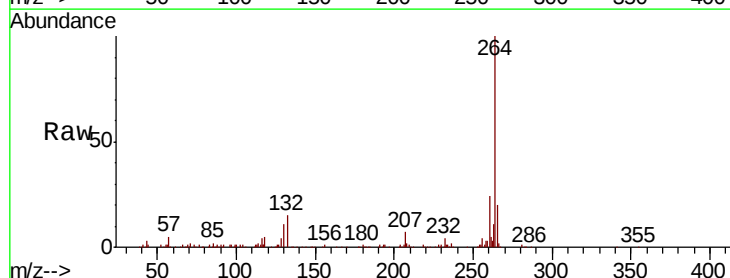
Tgt Ion:264 Resp: 370235

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 20.1 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

