

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039688.D
 Acq On : 1 Mar 2019 10:46
 Operator : JU/SJ
 Sample : PB117492BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117492BL

Quant Time: Mar 01 12:10:06 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	8.16	152	50872	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	236684	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	164177	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	370408	20.00	ng	0.00
76) Chrysene-d12	21.82	240	379626	20.00	ng	0.00
87) Perylene-d12	25.20	264	360799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	394482	132.72	ng	0.00
7) Phenol-d6	7.31	99	572231	130.79	ng	0.00
23) Nitrobenzene-d5	9.34	82	332139	87.67	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	81122	45.89	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	861505	75.28	ng	0.00
79) Terphenyl-d14	20.12	244	1243150	69.31	ng	0.00

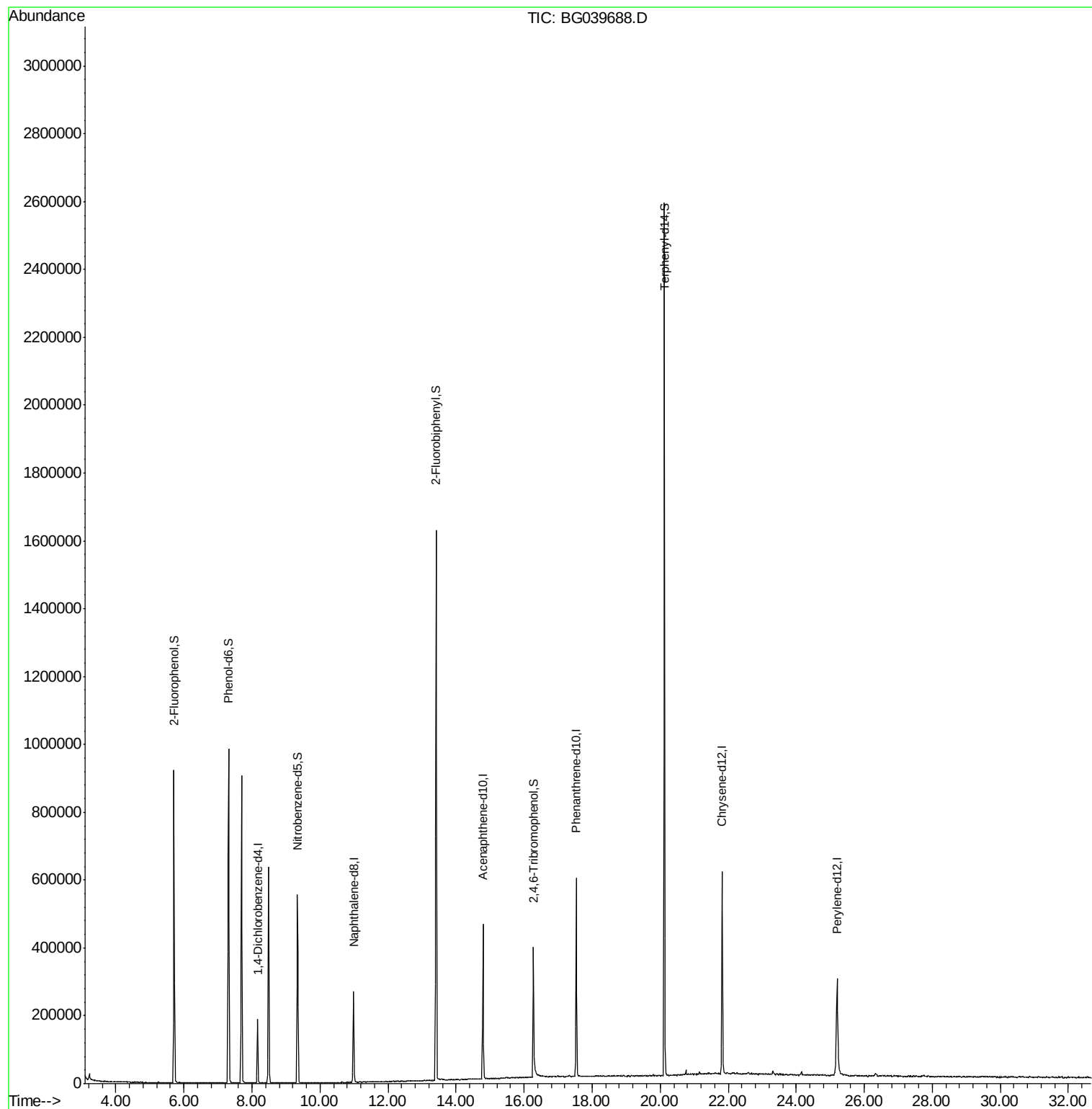
Target Compounds Qvalue

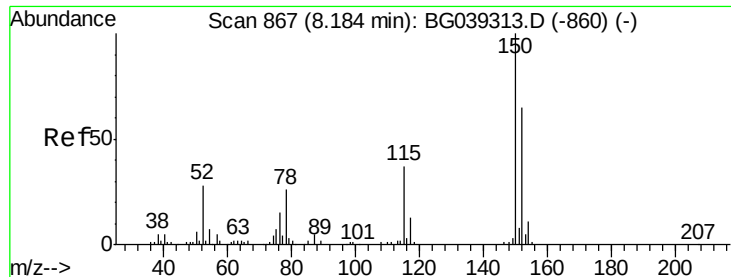
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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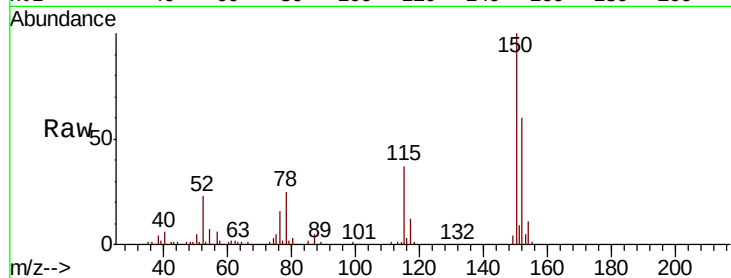


#1

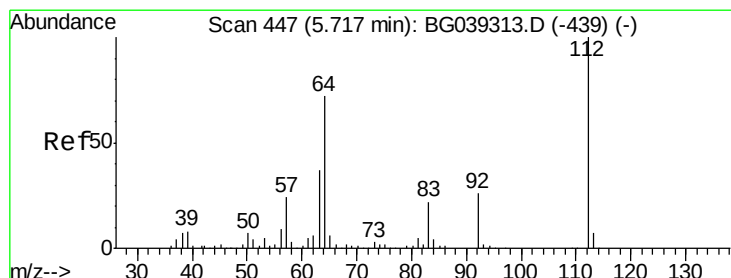
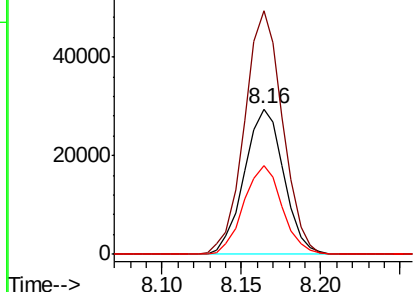
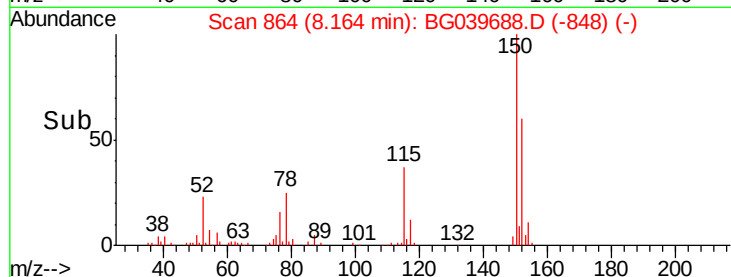
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BG039688.D
 Acq: 1 Mar 2019 10:46

Instrument :
 BNA_G
 ClientSampleId :
 PB117492BL

Tot Ion:152 Resp: 50872
 Ion Ratio Lower Upper
 152 100
 150 167.3 123.7 185.5
 115 61.2 45.9 68.9



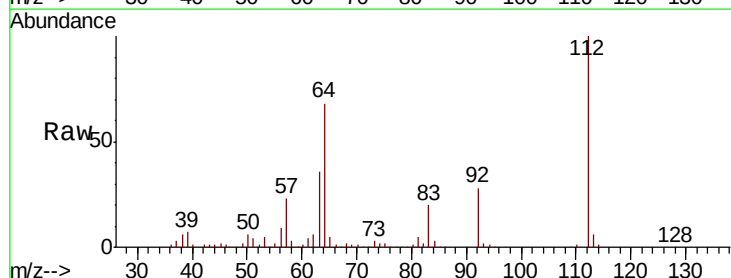
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



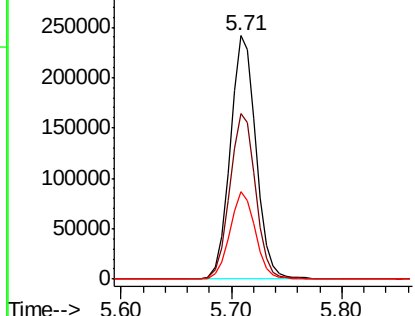
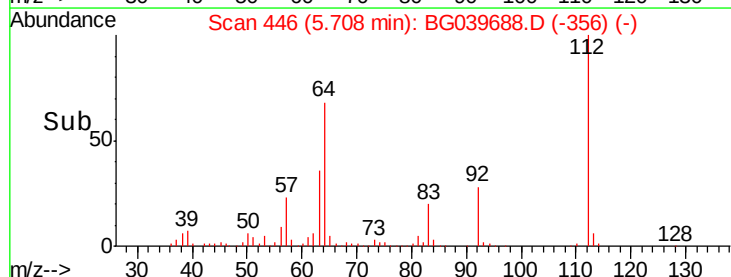
#5

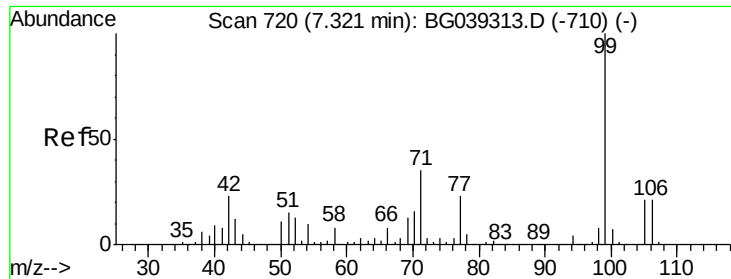
2-Fluorophenol
 Concen: 132.717 ng
 RT: 5.71 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BG039688.D
 Acq: 1 Mar 2019 10:46

Tgt Ion:112 Resp: 394482
 Ion Ratio Lower Upper
 112 100
 64 67.9 57.8 86.8
 63 36.0 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: 130.789 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039688.D

Acq: 1 Mar 2019 10:46

Instrument :

BNA_G

ClientSampled :

PB117492BL

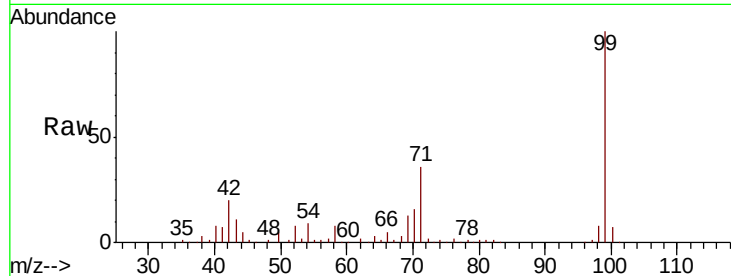
Tot Ion: 99 Resp: 572231

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.2

71 35.7 28.0 42.0

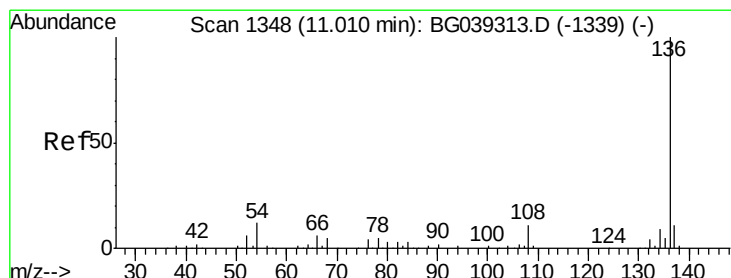
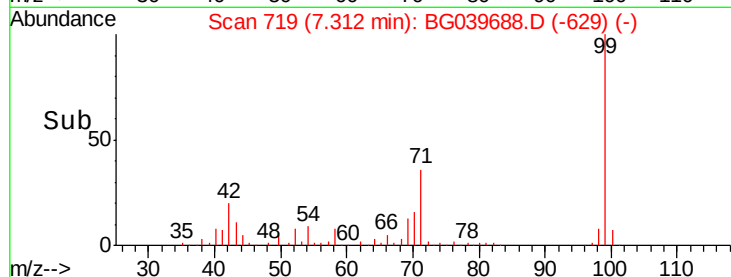
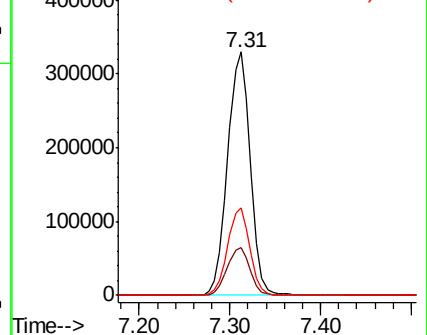


Abundance

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: 10.99 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG039688.D

Acq: 1 Mar 2019 10:46

Tgt Ion: 136 Resp: 236684

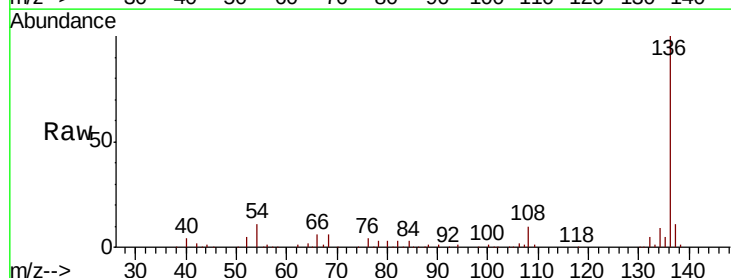
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 10.9 9.4 14.2

68 5.7 4.2 6.4



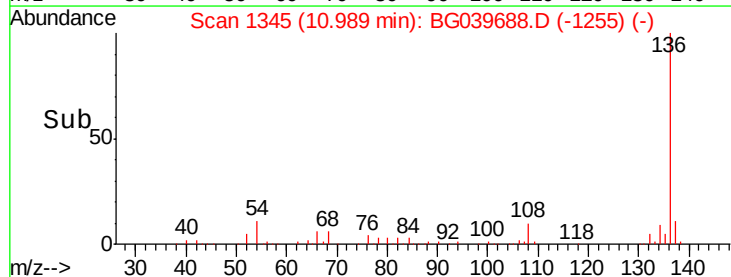
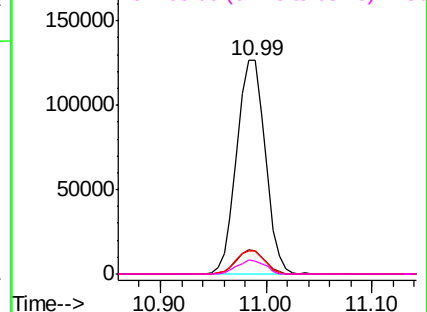
Abundance

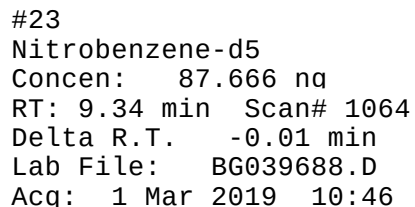
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

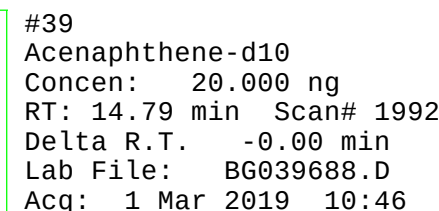
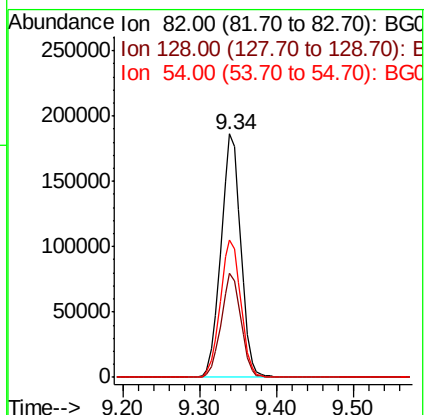
Ion 68.00 (67.70 to 68.70): BGC



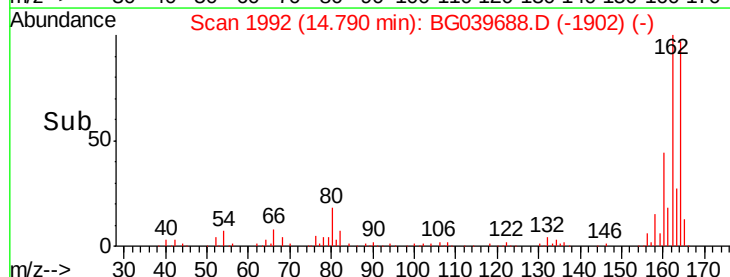
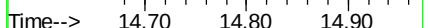
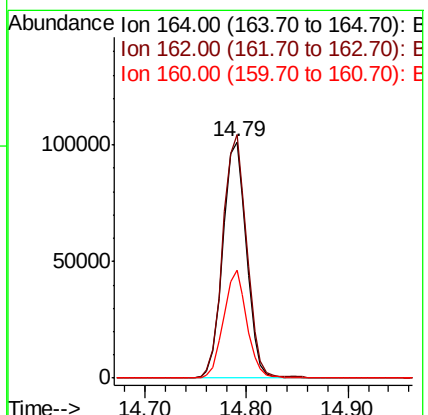


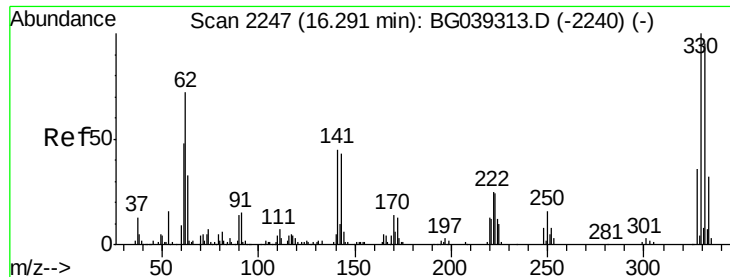
Instrument :
BNA_G
ClientSampleId :
PB117492BL

Tot	Ion: 82	Resp:	332139
Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	56.6	50.9	76.3



Tgt	Ion:164	Resp:	164177
Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.6	122.4
160	45.5	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 45.886 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039688.D

Acq: 1 Mar 2019 10:46

Instrument :

BNA_G

ClientSampleId :

PB117492BL

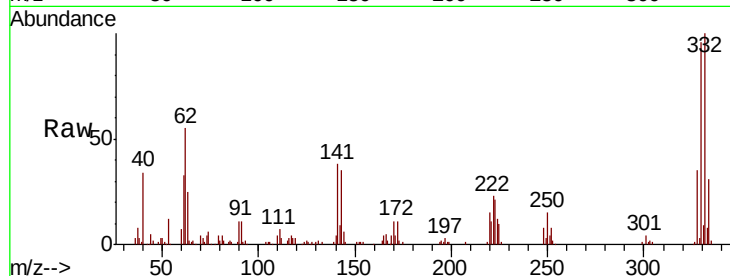
Tot Ion:330 Resp: 81122

Ion Ratio Lower Upper

330 100

332 101.2 75.7 113.5

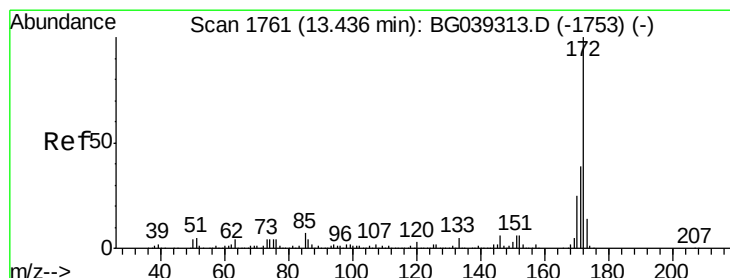
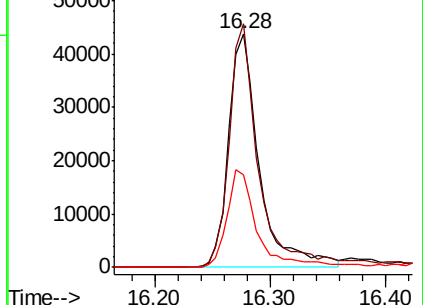
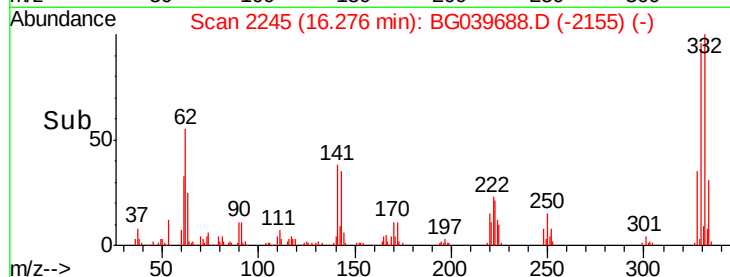
141 40.8 35.6 53.4



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: 75.277 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG039688.D

Acq: 1 Mar 2019 10:46

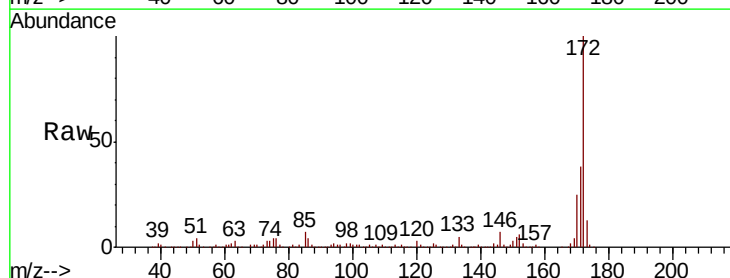
Tgt Ion:172 Resp: 861505

Ion Ratio Lower Upper

172 100

171 37.9 30.8 46.2

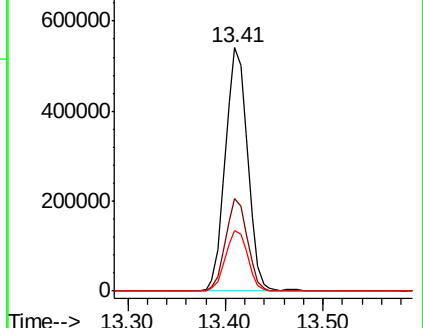
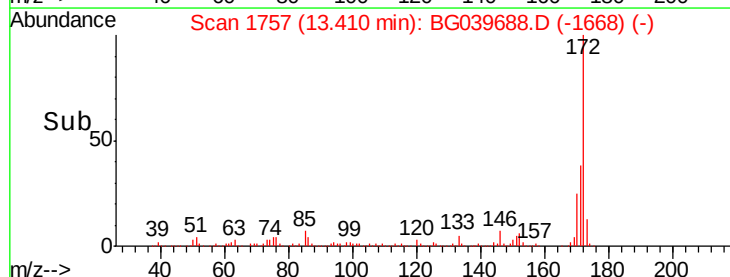
170 25.1 20.2 30.4

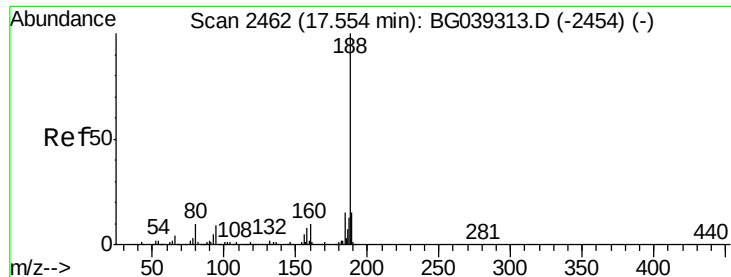


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.00 min

Lab File: BG039688.D

Acq: 1 Mar 2019 10:46

Instrument :

BNA_G

ClientSampleId :

PB117492BL

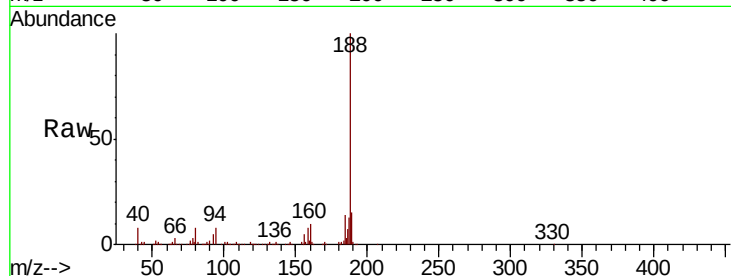
Tot Ion:188 Resp: 370408

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

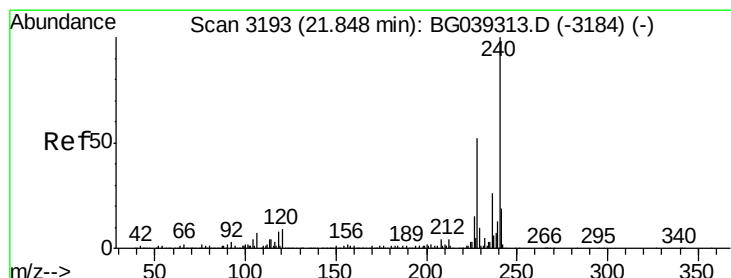
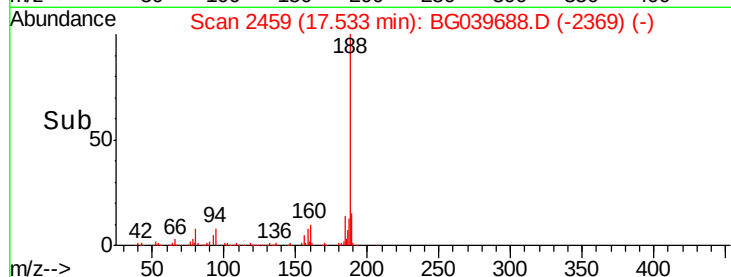
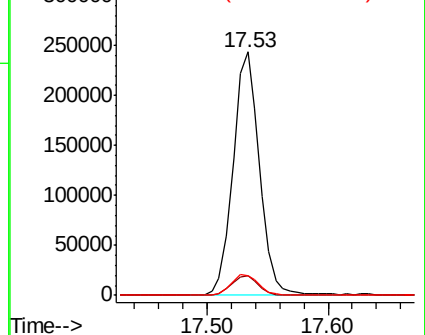
80 8.3 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039688.D

Acq: 1 Mar 2019 10:46

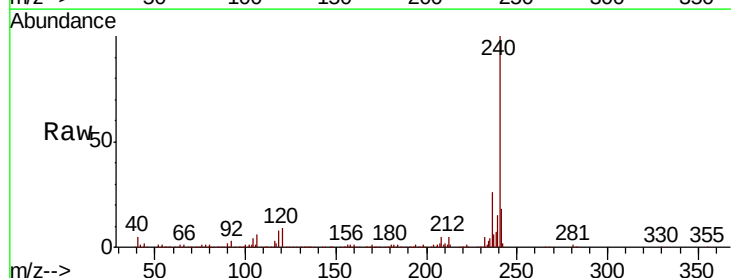
Tgt Ion:240 Resp: 379626

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

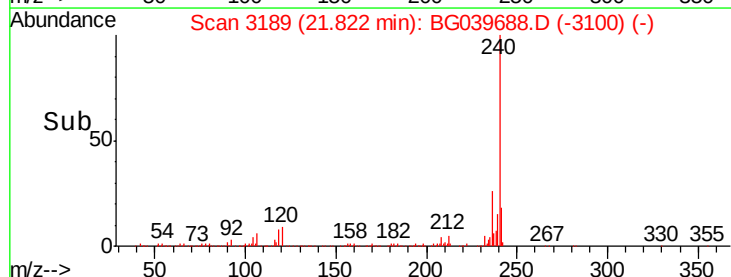
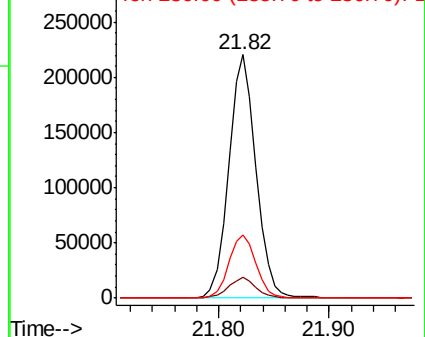
236 26.0 21.0 31.4

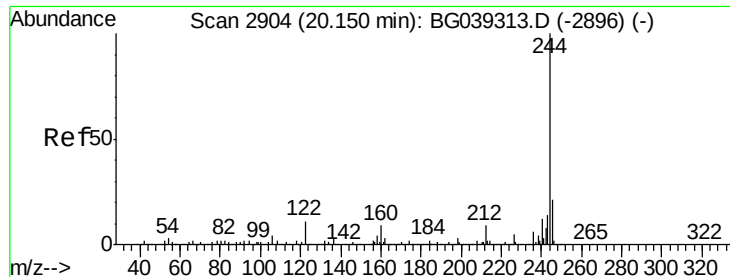


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.315 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039688.D

Acq: 1 Mar 2019 10:46

Instrument :

BNA_G

ClientSampleId :

PB117492BL

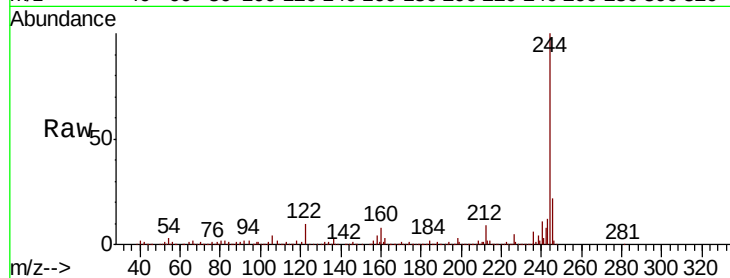
Tot Ion:244 Resp: 1243150

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

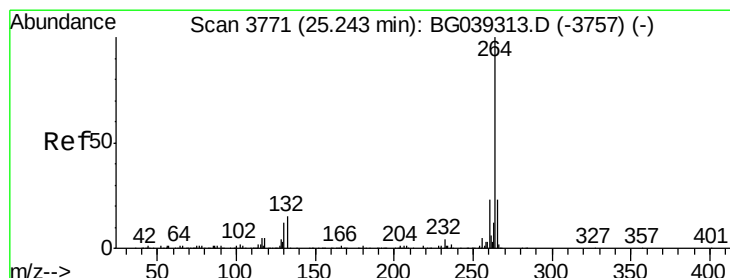
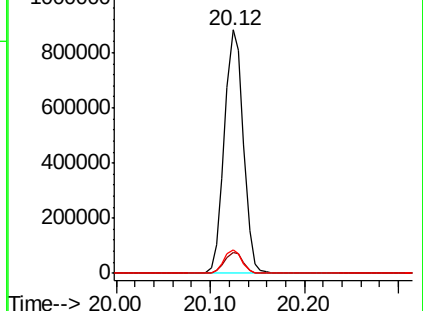
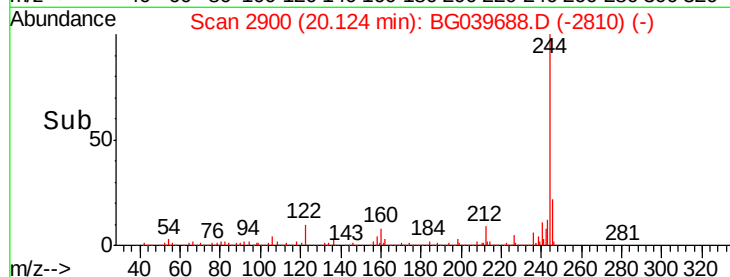
122 9.8 8.4 12.6



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: BG039688.D

Acq: 1 Mar 2019 10:46

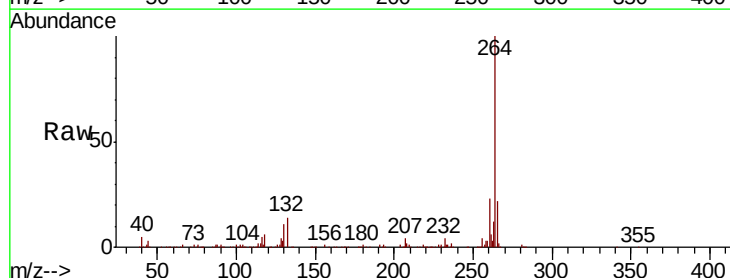
Tgt Ion:264 Resp: 360799

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.5 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

