

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039334.D
 Acq On : 30 Jan 2019 19:11
 Operator : JU/SJ
 Sample : PB116724BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BL

Quant Time: Jan 31 06:04:16 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	41855	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	180081	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	116401	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	293289	20.00	ng	0.00
76) Chrysene-d12	21.84	240	329962	20.00	ng	0.00
87) Perylene-d12	25.23	264	324961	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	378482	154.77	ng	0.00
7) Phenol-d6	7.32	99	536878	149.14	ng	0.00
23) Nitrobenzene-d5	9.36	82	298868	103.68	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	191020	152.40	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	766562	94.47	ng	0.00
79) Terphenyl-d14	20.14	244	1339490	85.93	ng	0.00

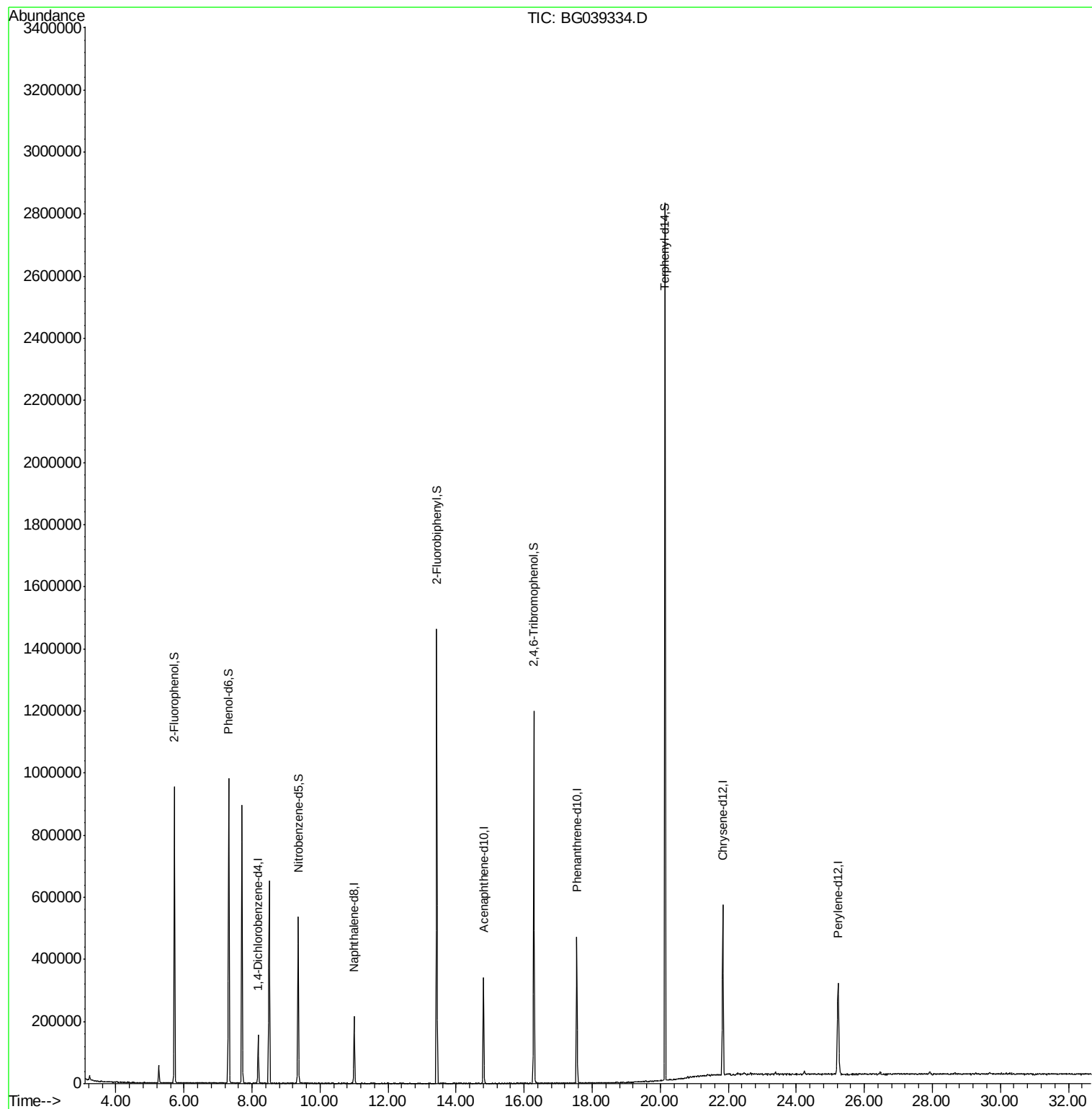
Target Compounds Qvalue

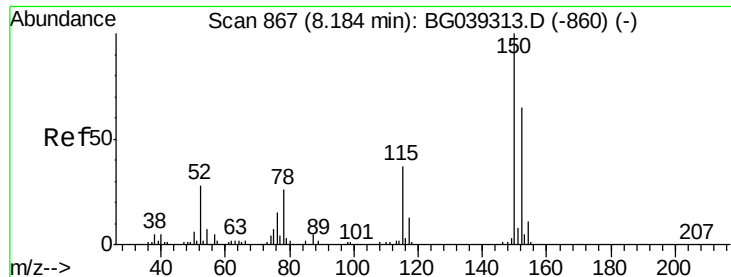
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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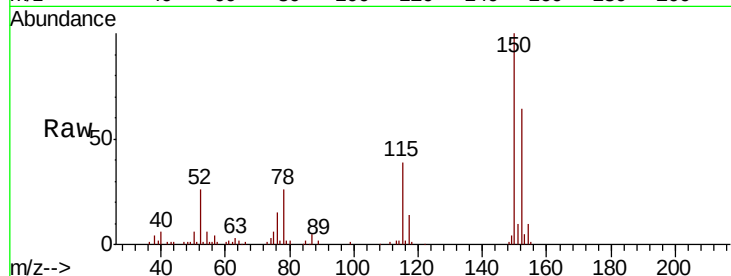


#1

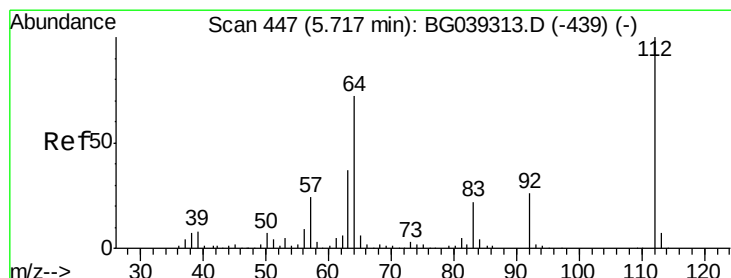
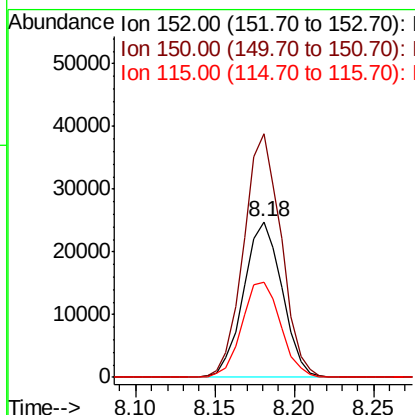
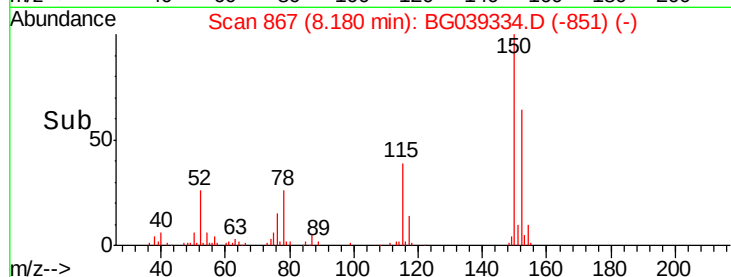
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039334.D
Acq: 30 Jan 2019 19:11

Instrument :
BNA_G
ClientSampleId :
PB116724BL

Tot Ion:152 Resp: 41855
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 61.4 45.9 68.9



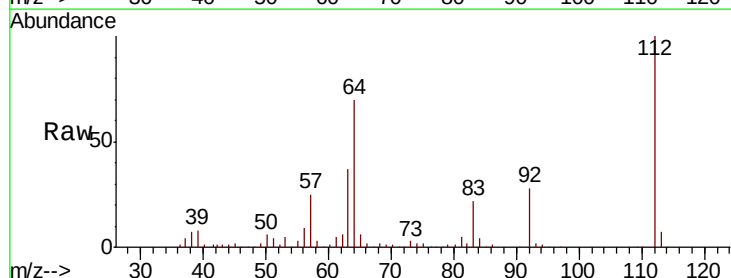
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



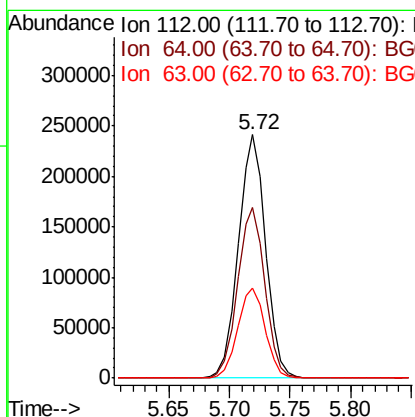
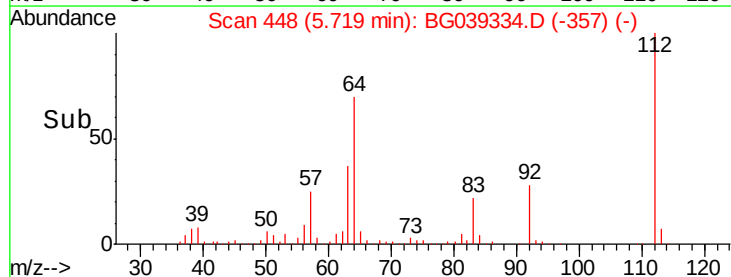
#5

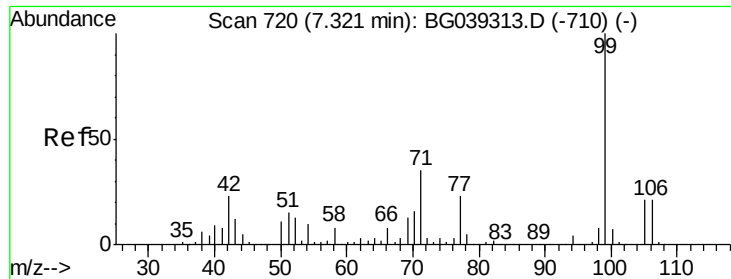
2-Fluorophenol
Concen: 154.767 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039334.D
Acq: 30 Jan 2019 19:11

Tgt Ion:112 Resp: 378482
Ion Ratio Lower Upper
112 100
64 69.9 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: 149.145 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039334.D

Acq: 30 Jan 2019 19:11

Instrument :

BNA_G

ClientSampleId :

PB116724BL

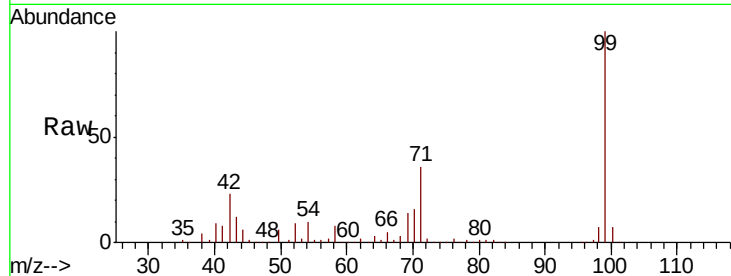
Tot Ion: 99 Resp: 536878

Ion Ratio Lower Upper

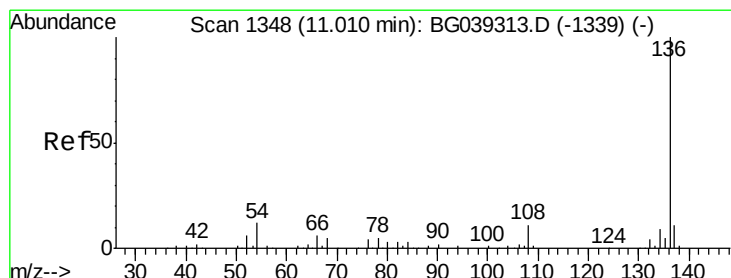
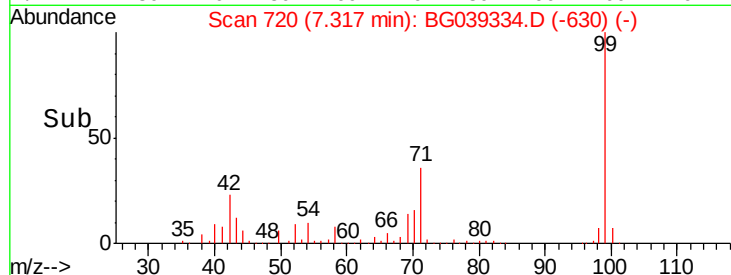
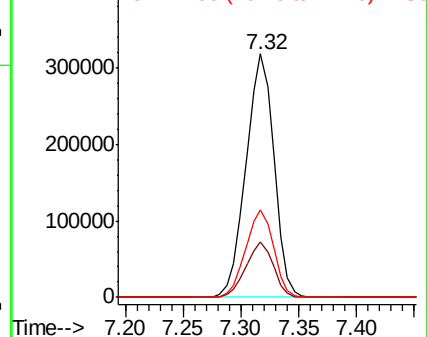
99 100

42 22.5 18.2 27.2

71 36.0 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: 11.01 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BG039334.D

Acq: 30 Jan 2019 19:11

Tgt Ion: 136 Resp: 180081

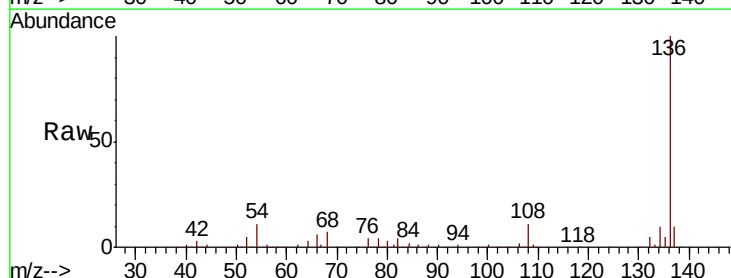
Ion Ratio Lower Upper

136 100

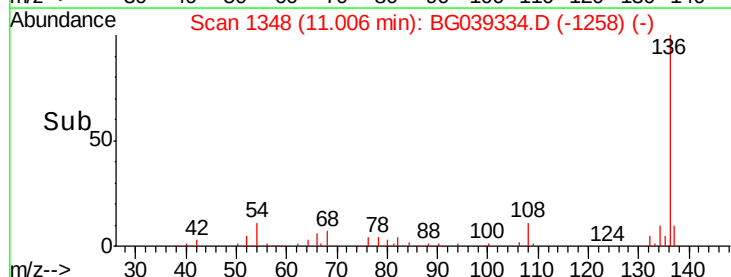
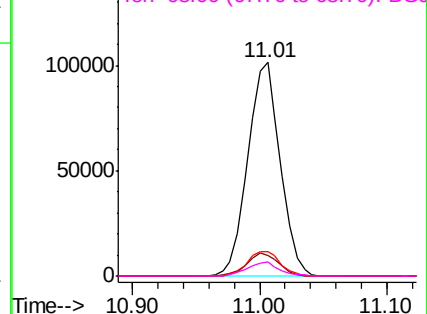
137 9.7 9.1 13.7

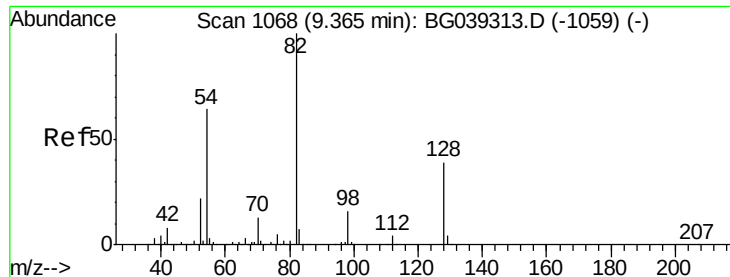
54 11.2 9.4 14.2

68 6.8 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

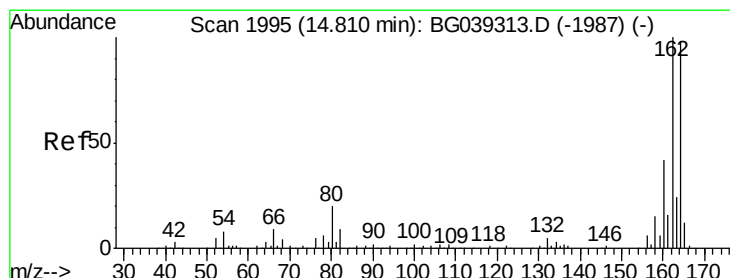
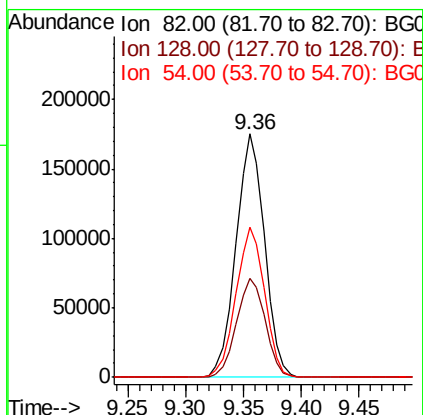
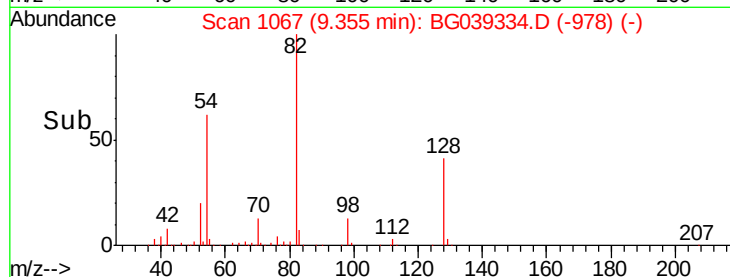
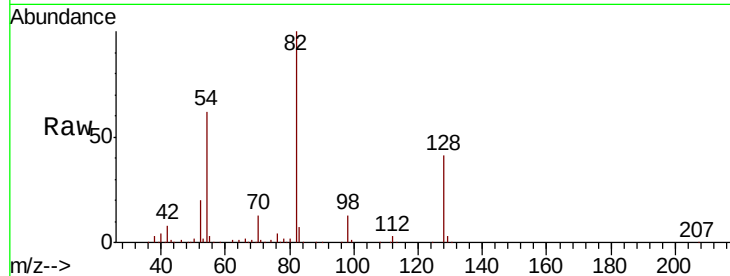




#23
Nitrobenzene-d5
Concen: 103.680 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039334.D
Acq: 30 Jan 2019 19:11

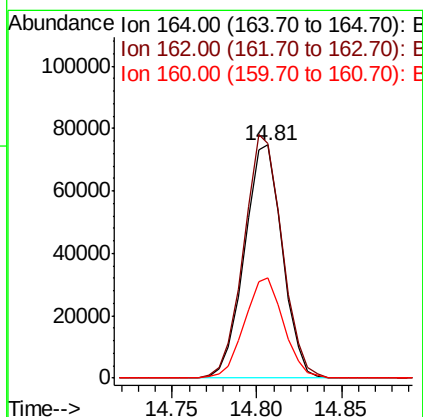
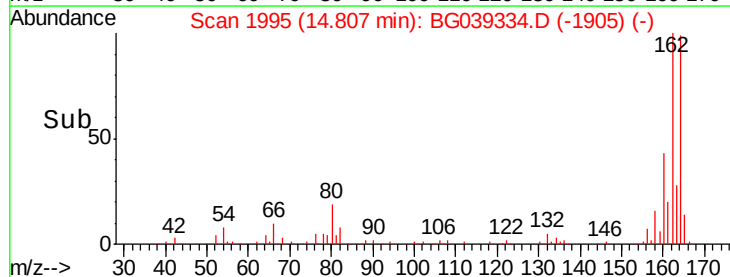
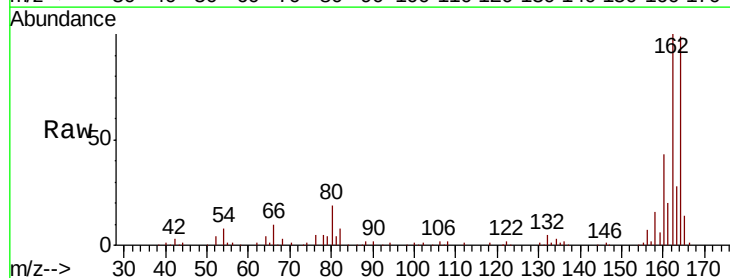
Instrument :
BNA_G
ClientSampleId :
PB116724BL

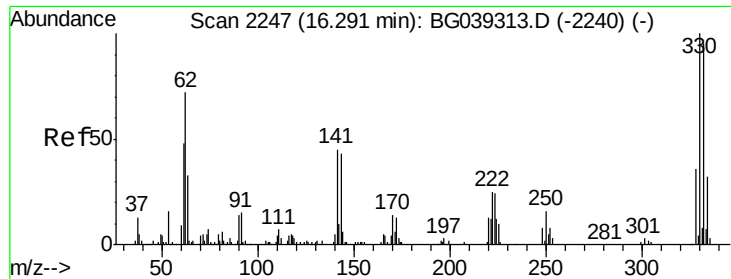
Tot Ion	82	Resp	298868
Ion Ratio	100	Lower	Upper
128	40.9	31.3	46.9
54	61.8	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG039334.D
Acq: 30 Jan 2019 19:11

Tgt Ion	164	Resp	116401
Ion Ratio	100	Lower	Upper
162	100.9	81.6	122.4
160	43.1	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 152.397 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039334.D

Acq: 30 Jan 2019 19:11

Instrument :

BNA_G

ClientSampleId :

PB116724BL

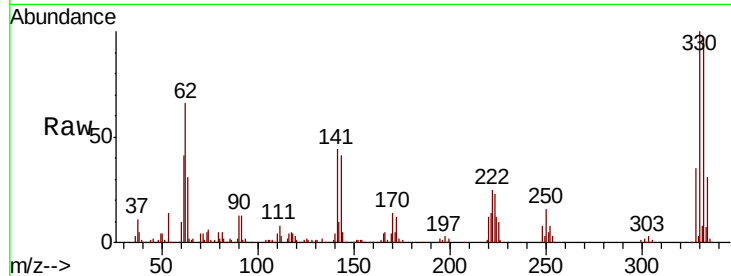
Tot Ion:330 Resp: 191020

Ion Ratio Lower Upper

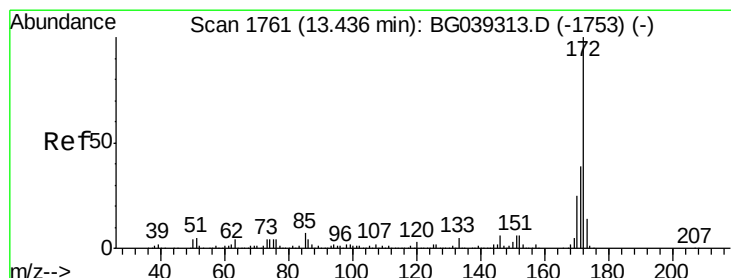
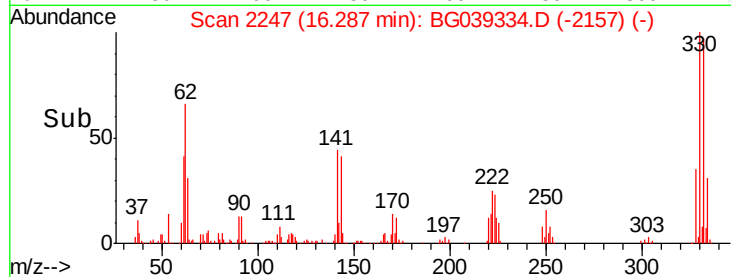
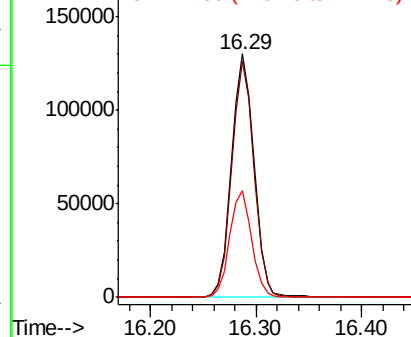
330 100

332 96.0 75.7 113.5

141 43.1 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: 94.473 ng

RT: 13.43 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BG039334.D

Acq: 30 Jan 2019 19:11

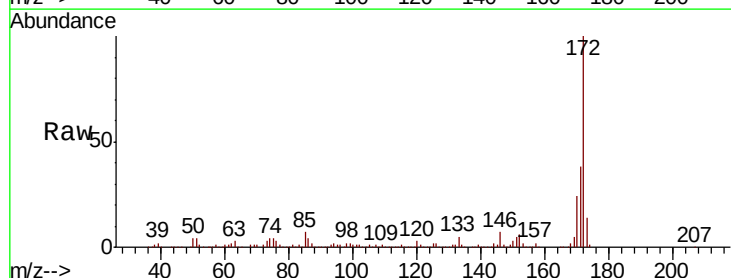
Tgt Ion:172 Resp: 766562

Ion Ratio Lower Upper

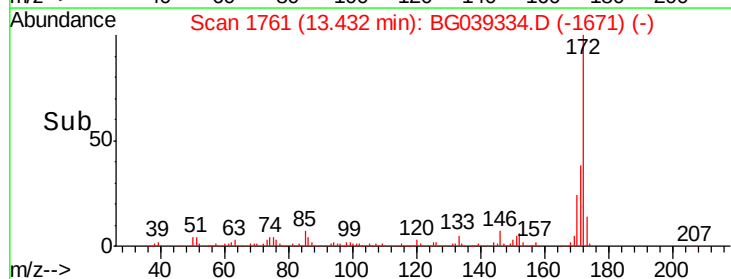
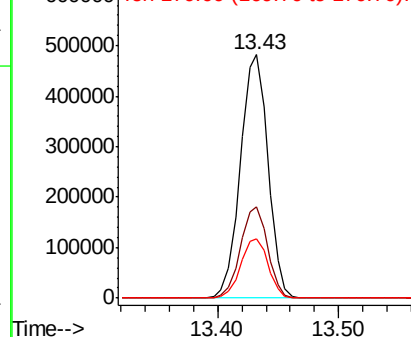
172 100

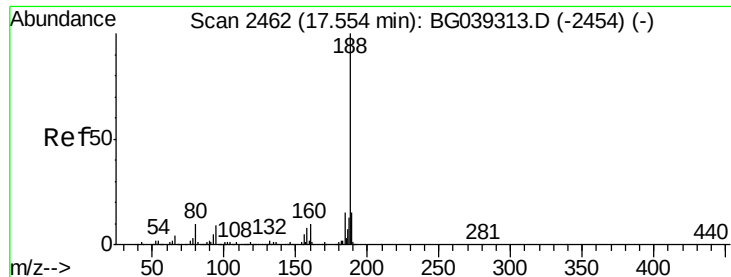
171 37.5 30.8 46.2

170 24.4 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: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039334.D

Acq: 30 Jan 2019 19:11

Instrument :

BNA_G

ClientSampleId :

PB116724BL

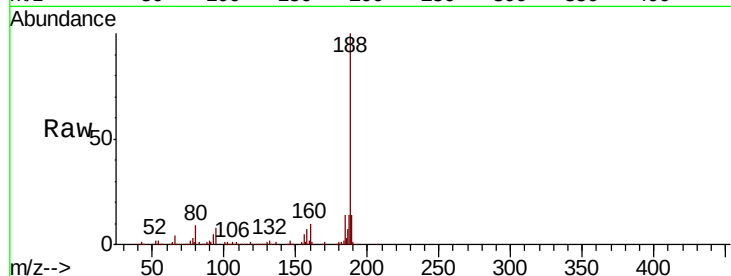
Tot Ion:188 Resp: 293289

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

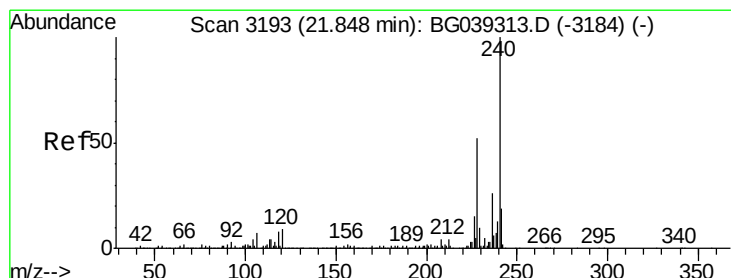
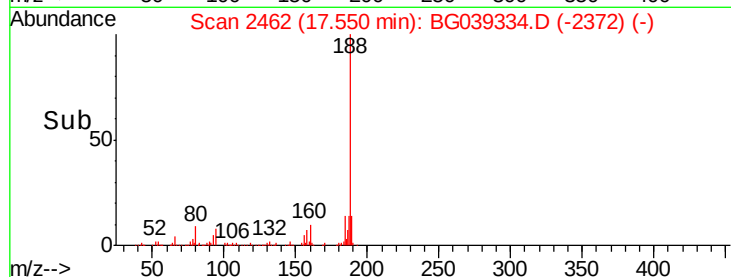
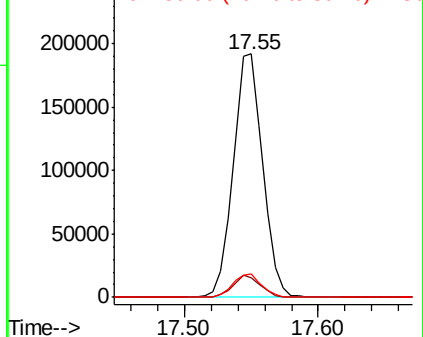
80 9.5 8.1 12.1



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: 21.84 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BG039334.D

Acq: 30 Jan 2019 19:11

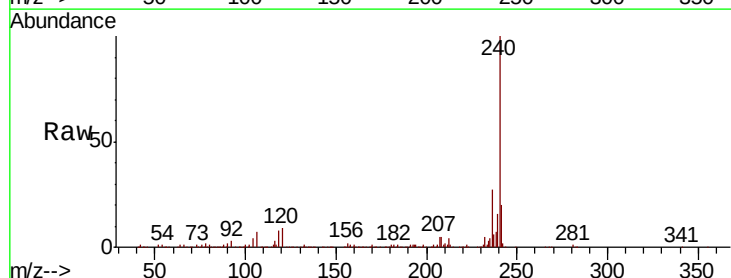
Tgt Ion:240 Resp: 329962

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

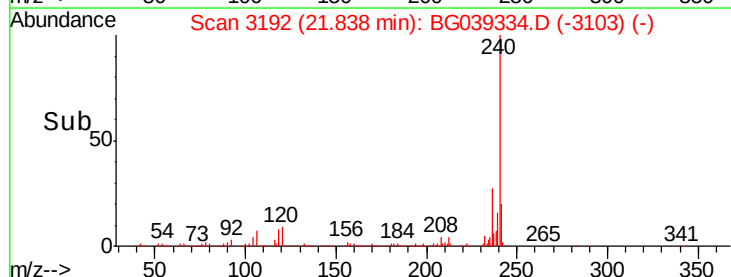
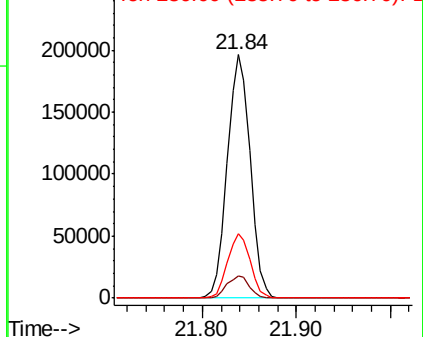
236 26.5 21.0 31.4

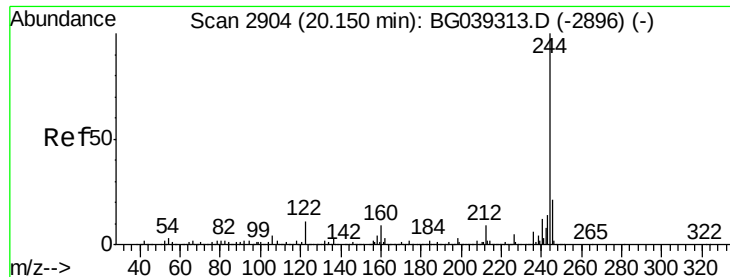


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.928 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039334.D

Acq: 30 Jan 2019 19:11

Instrument :

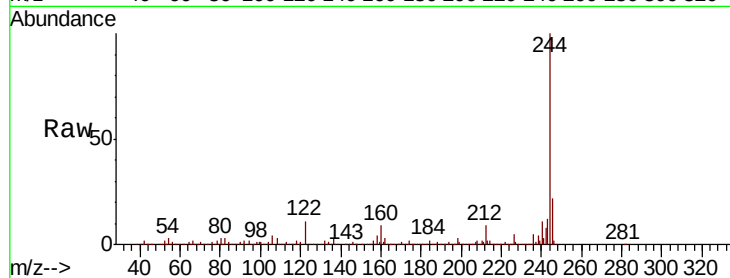
BNA_G

ClientSampleId :

PB116724BL

Tot Ion:244 Resp: 1339490

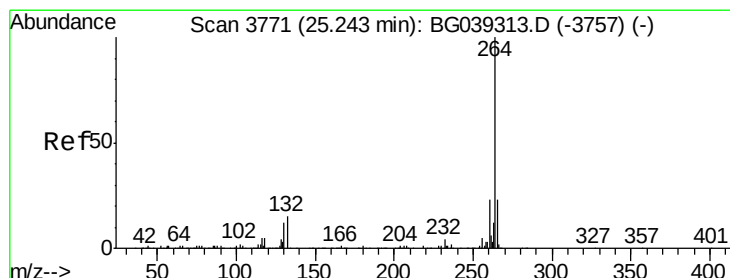
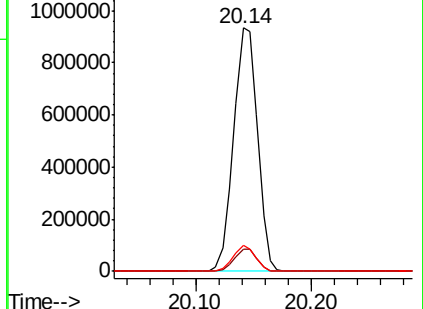
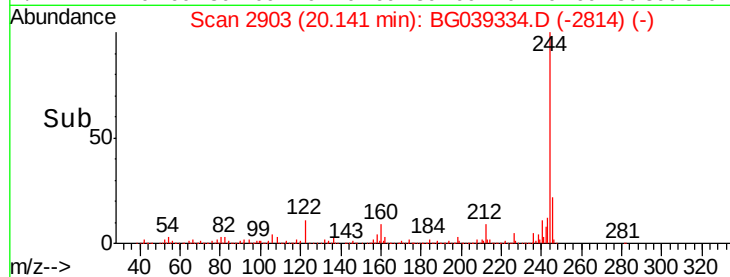
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	10.9	8.4	12.6



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: 25.23 min Scan# 3769

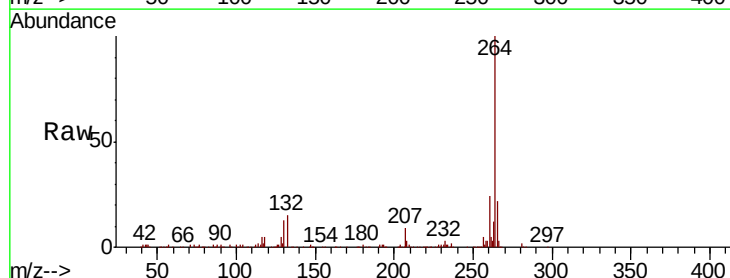
Delta R.T. -0.02 min

Lab File: BG039334.D

Acq: 30 Jan 2019 19:11

Tgt Ion:264 Resp: 324961

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.0	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

