

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
 Data File : BG039521.D
 Acq On : 15 Feb 2019 00:34
 Operator : JU/SJ
 Sample : PB117115BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117115BL

Quant Time: Feb 15 05:37:17 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	47984	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	214638	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	160758	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	394612	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	417354	20.00	ng	-0.02
87) Perylene-d12	25.21	264	410899	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	443449	158.17	ng	0.00
7) Phenol-d6	7.32	99	664622	161.05	ng	0.00
23) Nitrobenzene-d5	9.34	82	367640	107.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	233444	134.85	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	967049	86.30	ng	-0.02
79) Terphenyl-d14	20.13	244	1603415	81.32	ng	-0.02

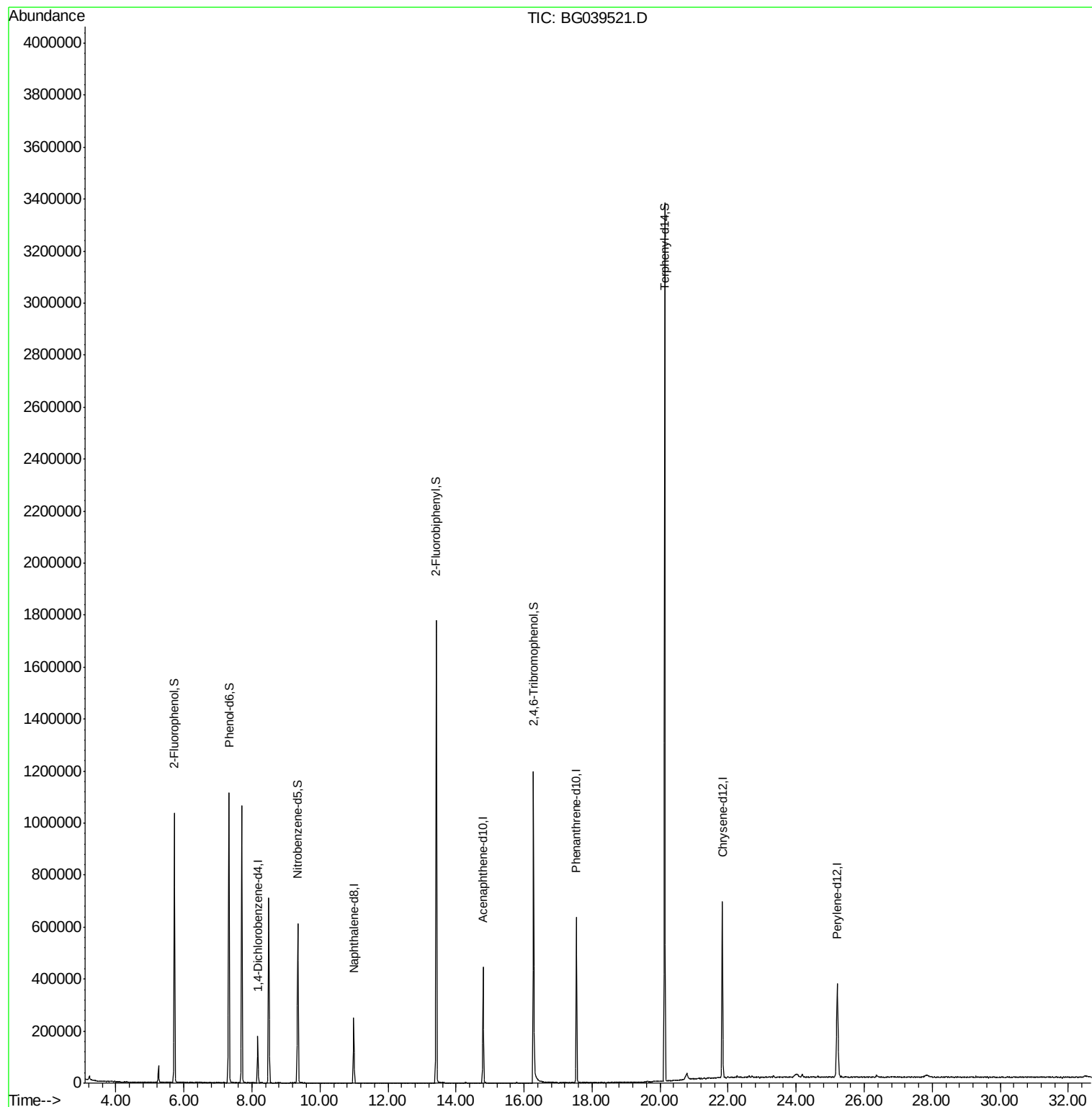
Target Compounds Qvalue

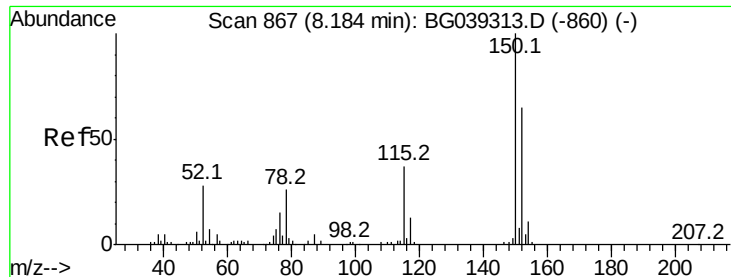
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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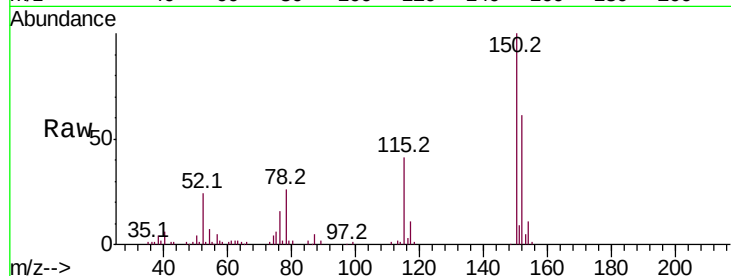


#1

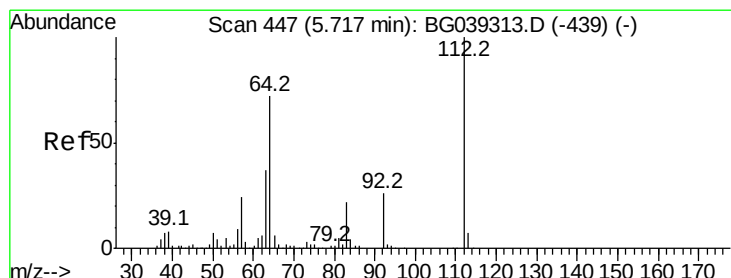
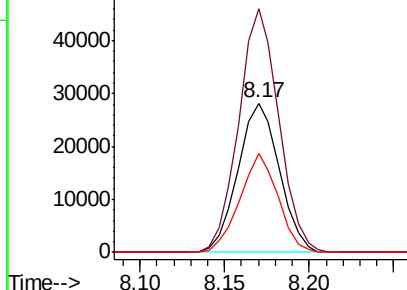
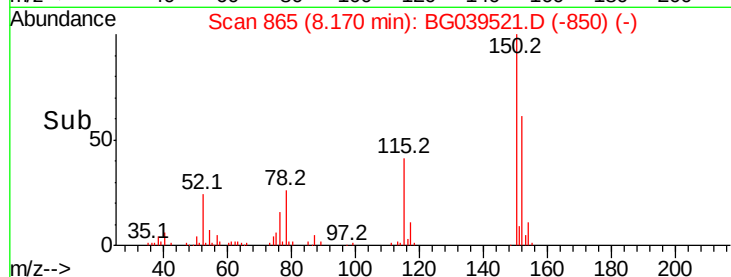
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039521.D
Acq: 15 Feb 2019 00:34

Instrument :
BNA_G
ClientSampleId :
PB117115BL

Tot Ion:152 Resp: 47984
Ion Ratio Lower Upper
152 100
150 163.5 123.7 185.5
115 66.6 45.9 68.9



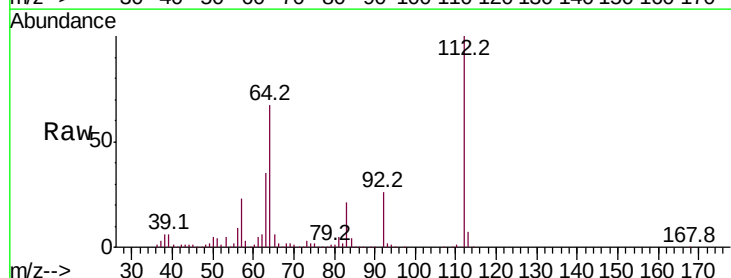
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



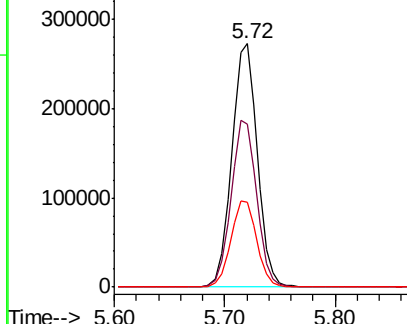
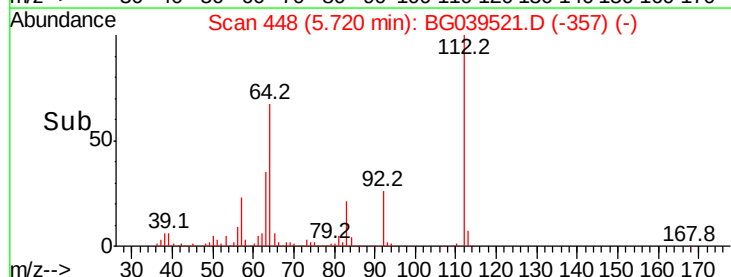
#5

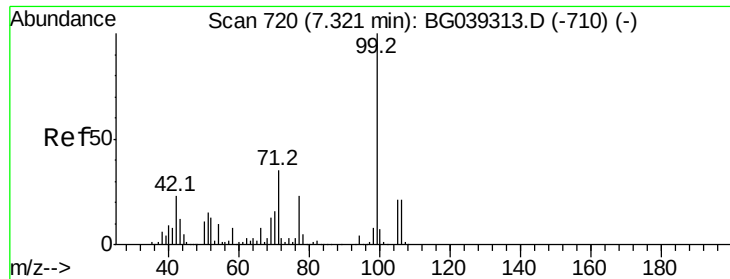
2-Fluorophenol
Concen: 158.171 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039521.D
Acq: 15 Feb 2019 00:34

Tgt Ion:112 Resp: 443449
Ion Ratio Lower Upper
112 100
64 66.9 57.8 86.8
63 35.0 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 161.049 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

Instrument :

BNA_G

ClientSampleId :

PB117115BL

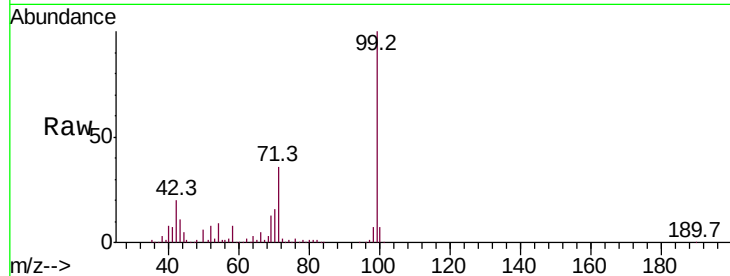
Tot Ion: 99 Resp: 664622

Ion Ratio Lower Upper

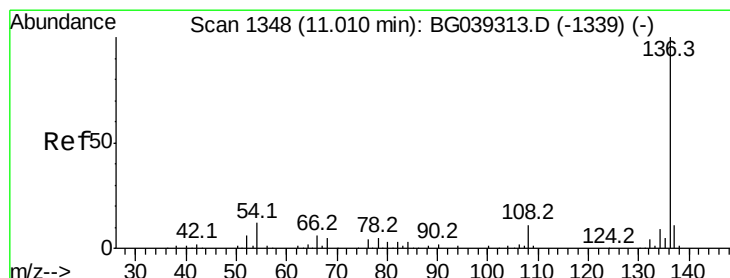
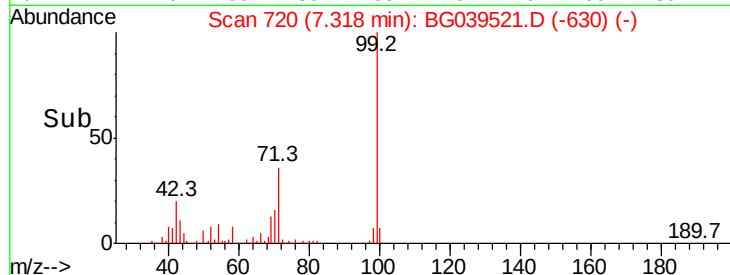
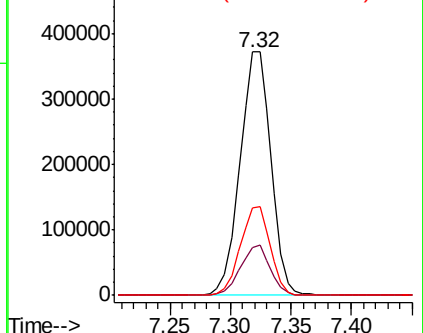
99 100

42 19.8 18.2 27.2

71 36.2 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. -0.02 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

Tgt Ion: 136 Resp: 214638

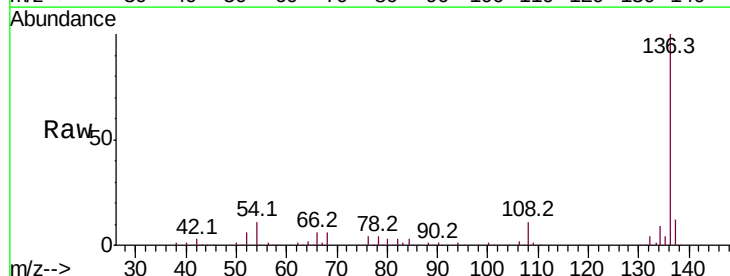
Ion Ratio Lower Upper

136 100

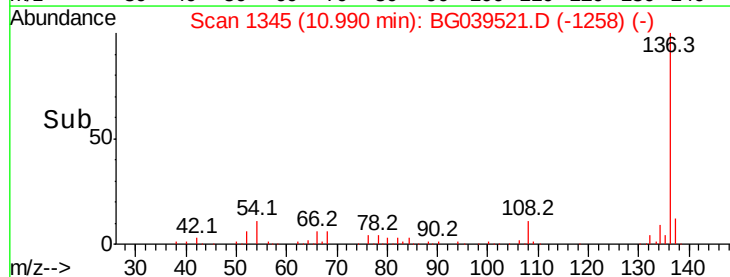
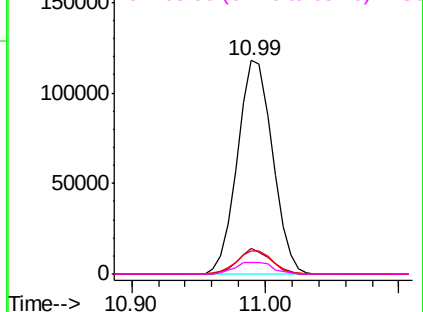
137 11.9 9.1 13.7

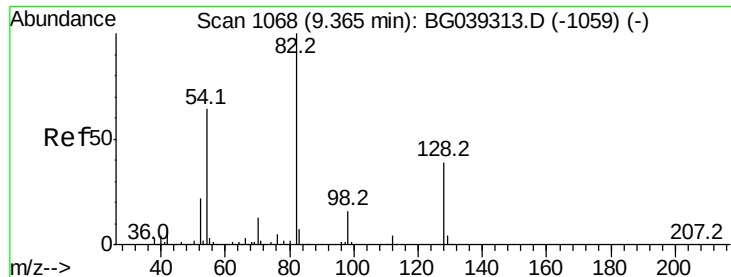
54 11.0 9.4 14.2

68 5.6 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

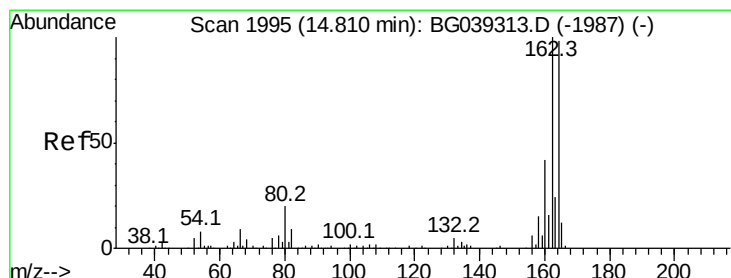
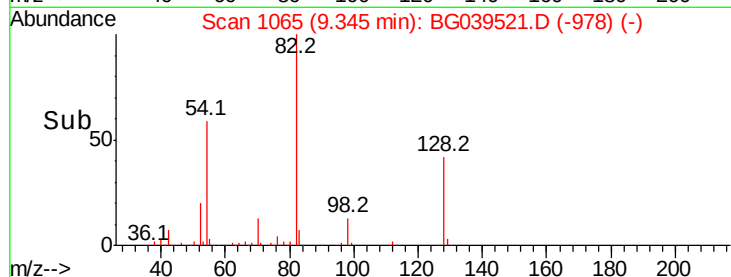
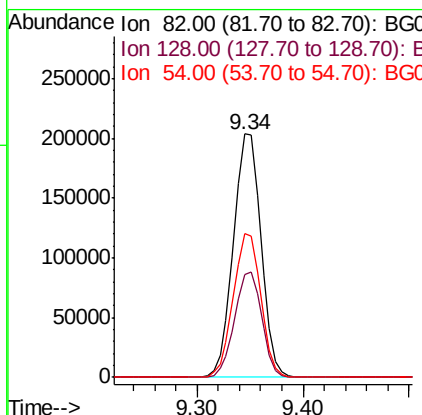
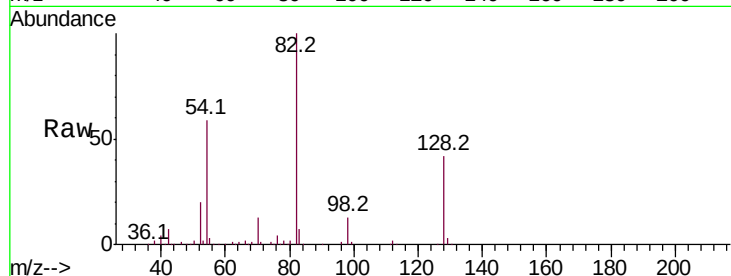




#23
 Nitrobenzene-d5
 Concen: 107.004 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039521.D
 Acq: 15 Feb 2019 00:34

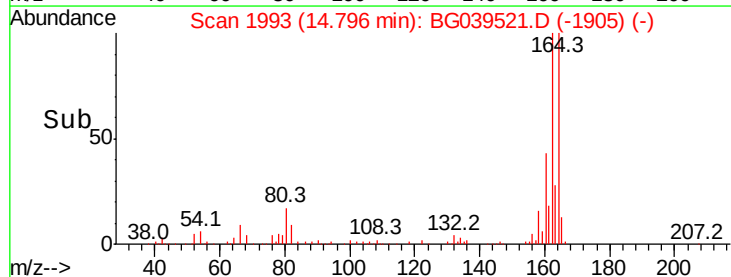
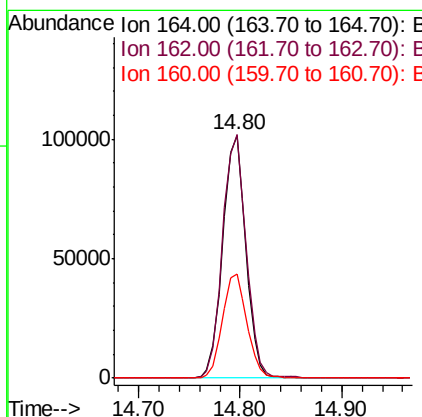
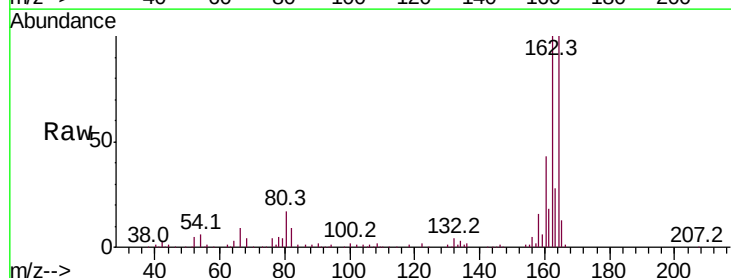
Instrument :
 BNA_G
 ClientSampleId :
 PB117115BL

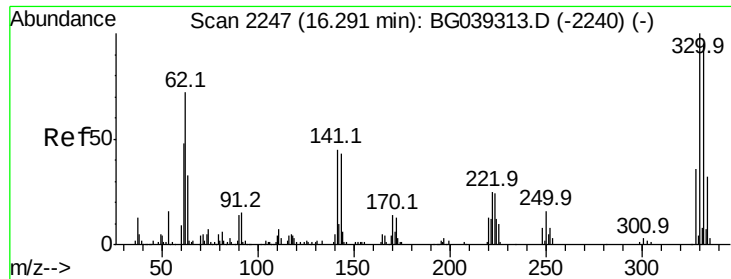
Tot Ion: 82 Resp: 367640
 Ion Ratio Lower Upper
 82 100
 128 42.3 31.3 46.9
 54 59.1 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039521.D
 Acq: 15 Feb 2019 00:34

Tgt Ion: 164 Resp: 160758
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.6 122.4
 160 42.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 134.854 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

Instrument :

BNA_G

ClientSampleId :

PB117115BL

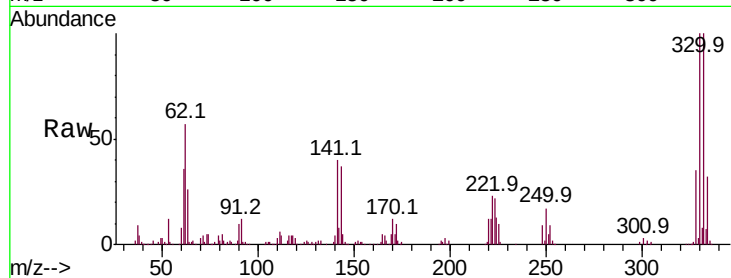
Tot Ion:330 Resp: 233444

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

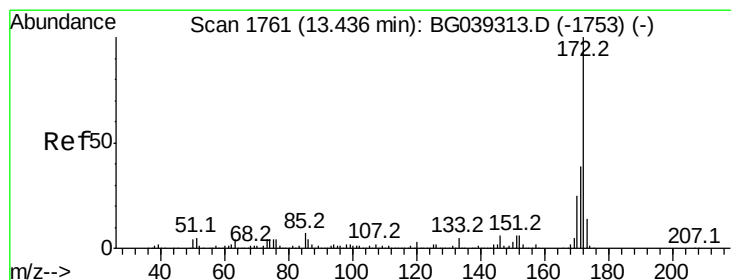
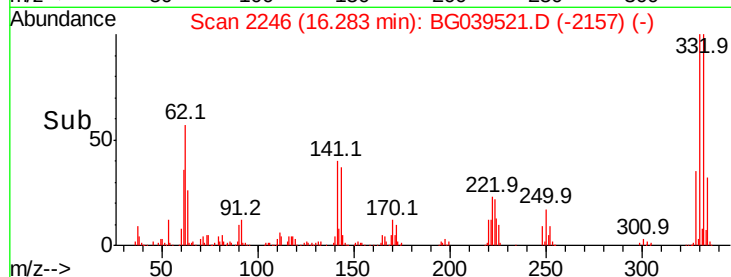
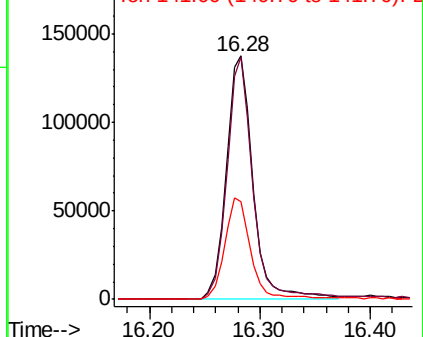
141 40.6 35.6 53.4



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: 86.296 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

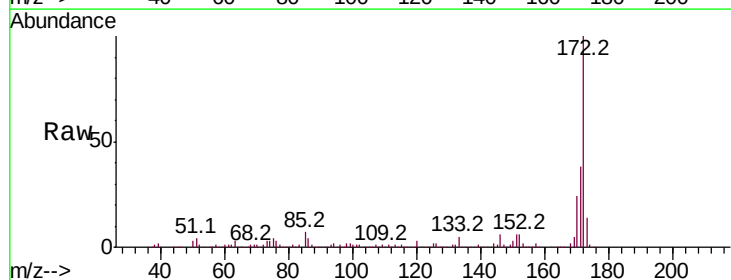
Tgt Ion:172 Resp: 967049

Ion Ratio Lower Upper

172 100

171 37.6 30.8 46.2

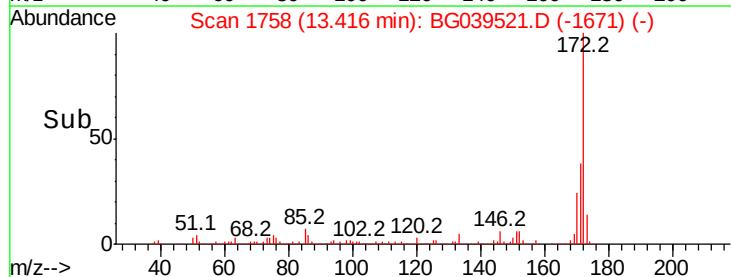
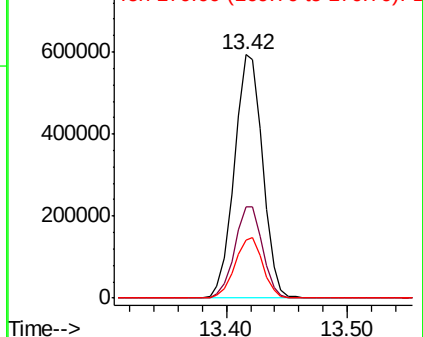
170 23.8 20.2 30.4

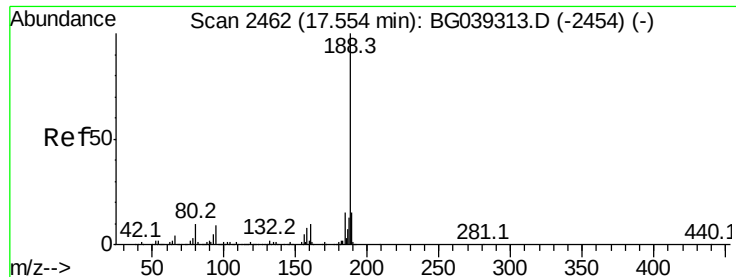


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

Instrument :

BNA_G

ClientSampleId :

PB117115BL

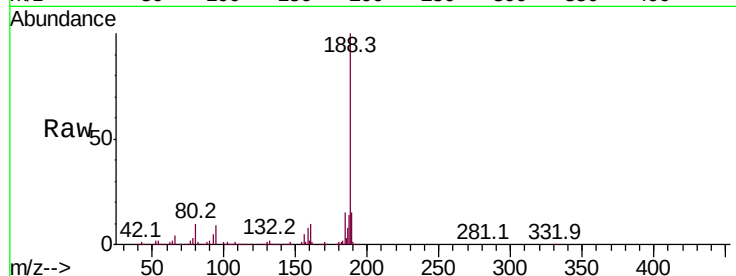
Tot Ion:188 Resp: 394612

Ion Ratio Lower Upper

188 100

94 9.1 6.9 10.3

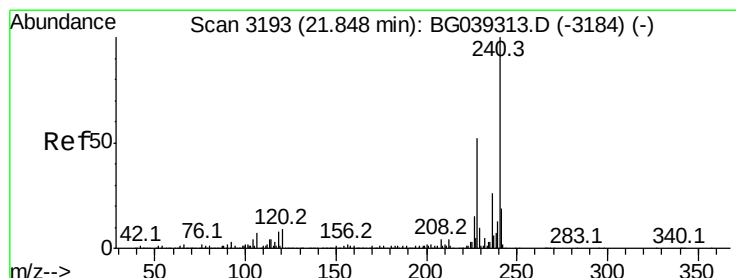
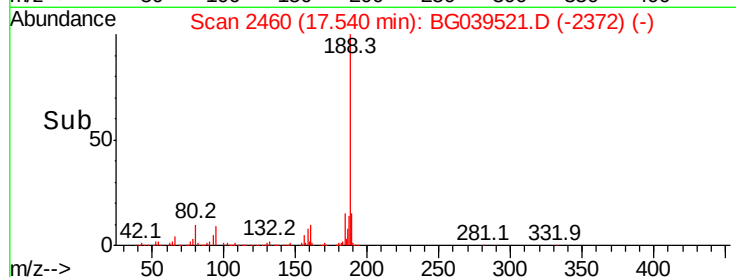
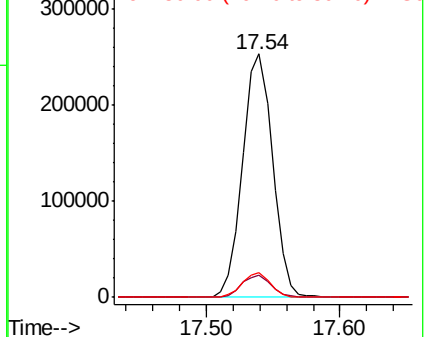
80 10.0 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

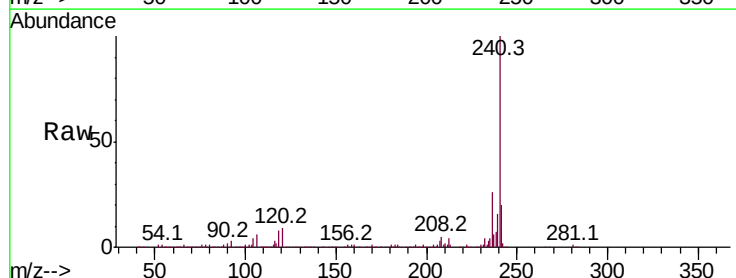
Tgt Ion:240 Resp: 417354

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

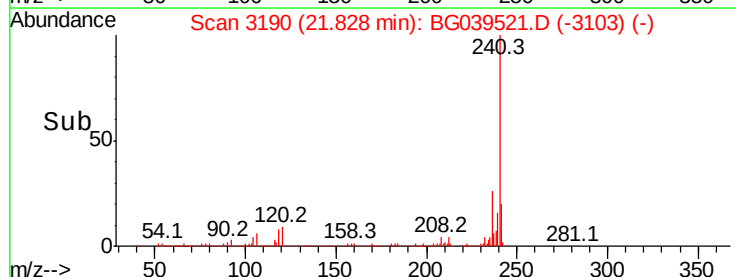
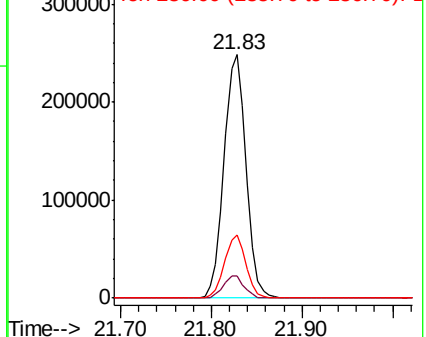
236 25.7 21.0 31.4

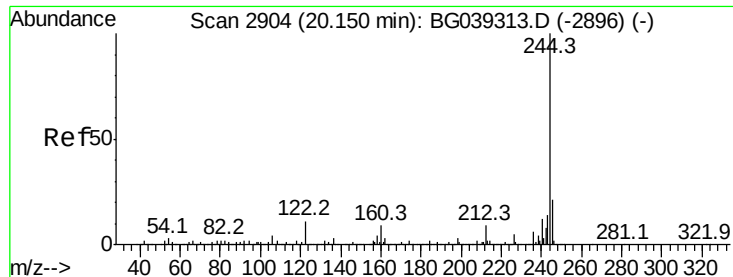


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

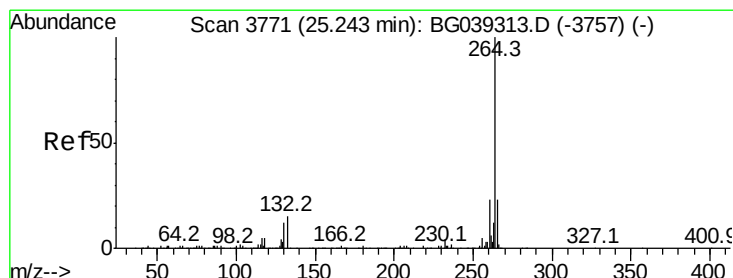
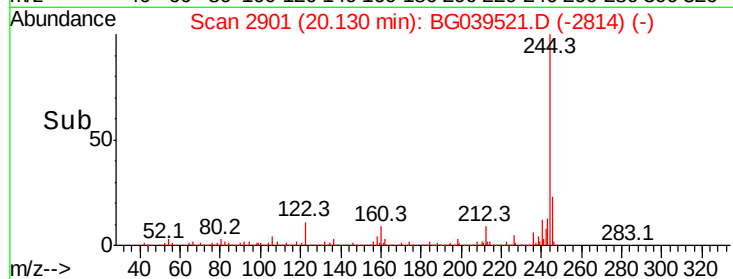
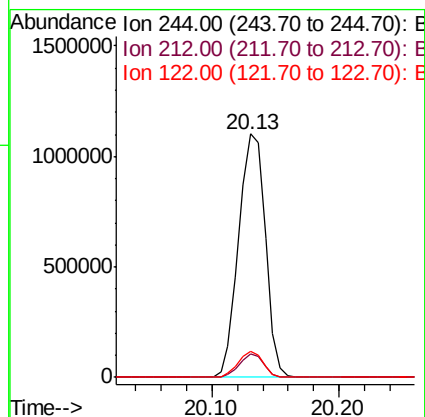
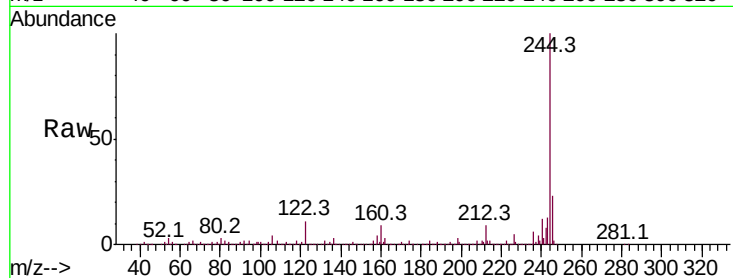




#79
 Terphenyl-d14
 Concen: 81.320 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039521.D
 Acq: 15 Feb 2019 00:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117115BL

Tot Ion:244 Resp: 1603415
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.3 10.9
 122 10.6 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039521.D
 Acq: 15 Feb 2019 00:34

Tgt Ion:264 Resp: 410899
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.4
 265 21.9 18.5 27.7

