

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039553.D
 Acq On : 18 Feb 2019 23:57
 Operator : JU/SJ
 Sample : PB117191BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117191BL

Quant Time: Feb 19 01:09:05 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	48577	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	231690	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	163642	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	390014	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	409611	20.00	ng	-0.03
87) Perylene-d12	25.20	264	366185	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	407323	143.51	ng	0.00
7) Phenol-d6	7.32	99	608554	145.66	ng	0.00
23) Nitrobenzene-d5	9.34	82	341686	92.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	222964	126.53	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	901747	79.05	ng	-0.02
79) Terphenyl-d14	20.13	244	1433746	74.09	ng	-0.02

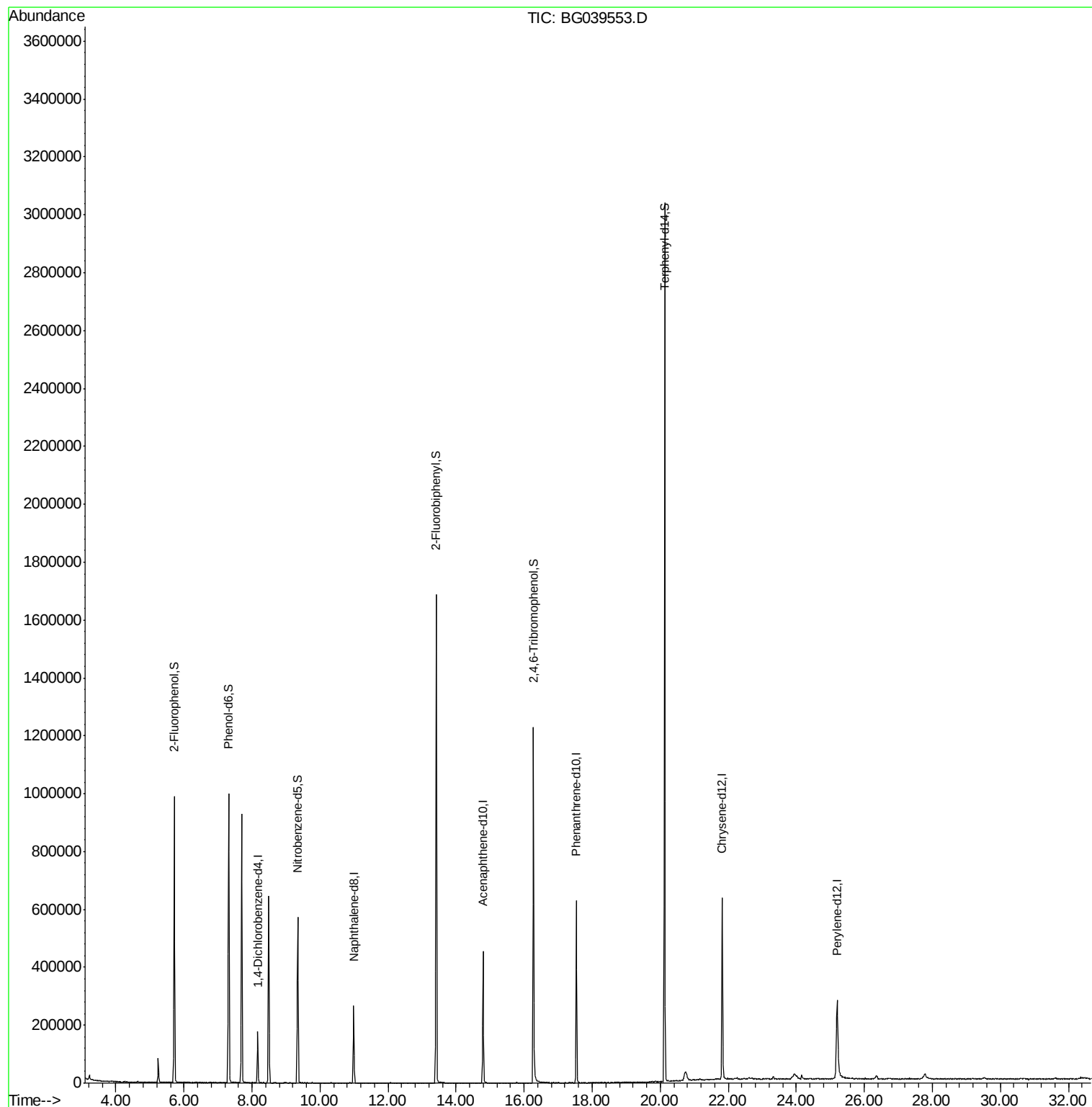
Target Compounds Qvalue

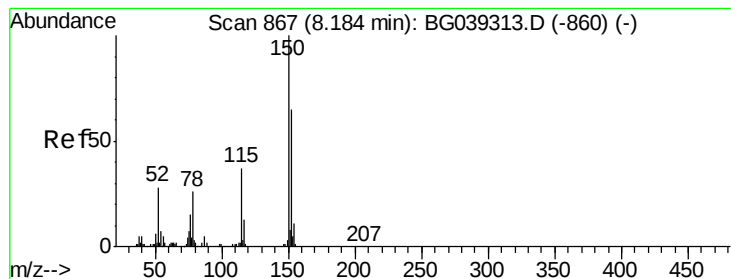
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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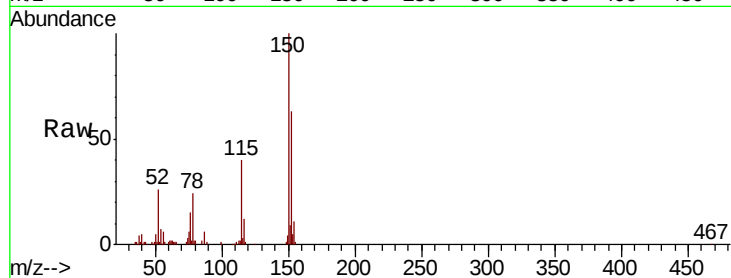


#1

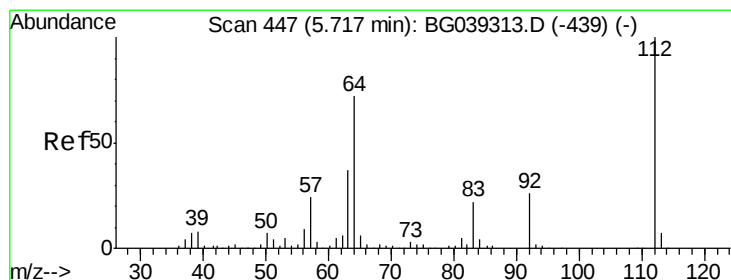
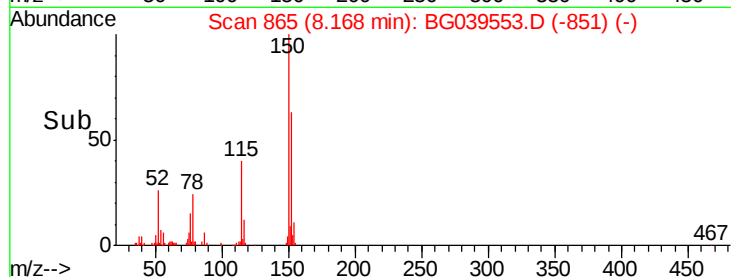
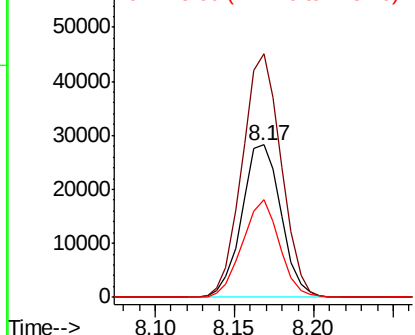
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039553.D
Acq: 18 Feb 2019 23:57

Instrument :
BNA_G
ClientSampleId :
PB117191BL

Tot Ion:152 Resp: 48577
Ion Ratio Lower Upper
152 100
150 159.6 123.7 185.5
115 64.4 45.9 68.9



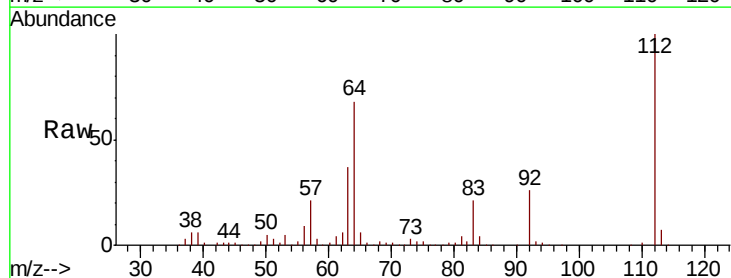
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



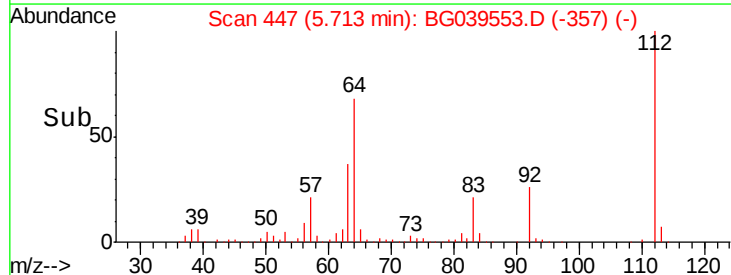
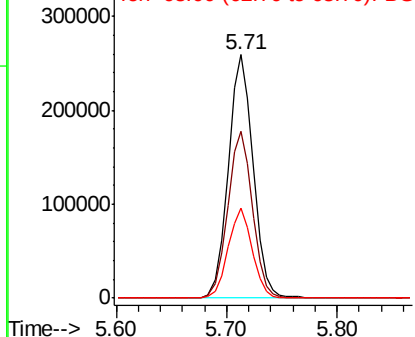
#5

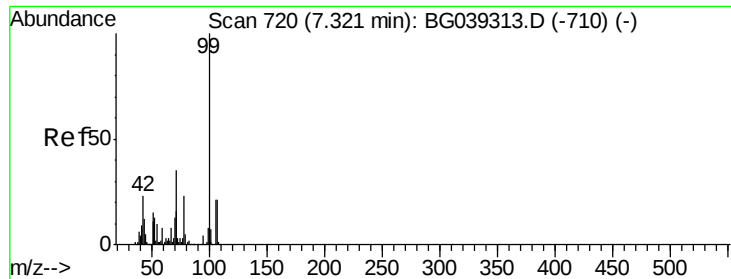
2-Fluorophenol
Concen: 143.512 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039553.D
Acq: 18 Feb 2019 23:57

Tgt Ion:112 Resp: 407323
Ion Ratio Lower Upper
112 100
64 68.3 57.8 86.8
63 36.9 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: 145.663 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

Instrument :

BNA_G

ClientSampleId :

PB117191BL

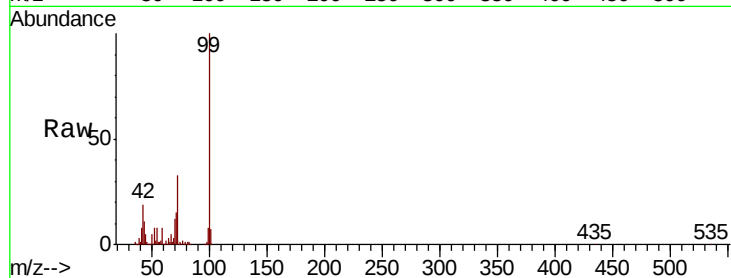
Tot Ion: 99 Resp: 608554

Ion Ratio Lower Upper

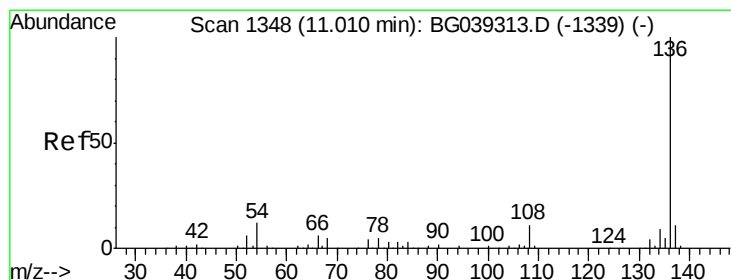
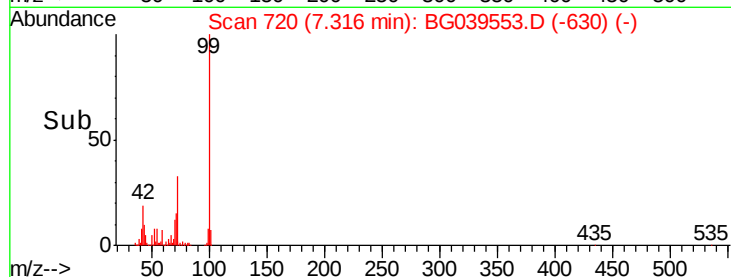
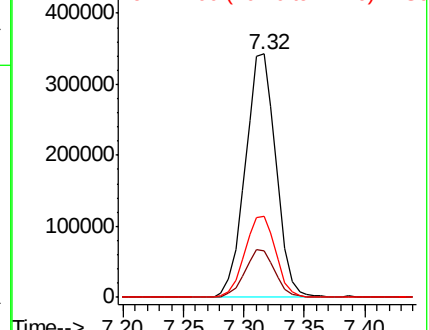
99 100

42 19.0 18.2 27.2

71 33.3 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: BG039553.D

Acq: 18 Feb 2019 23:57

Tgt Ion: 136 Resp: 231690

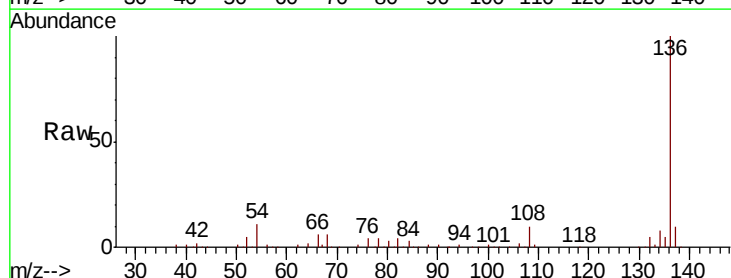
Ion Ratio Lower Upper

136 100

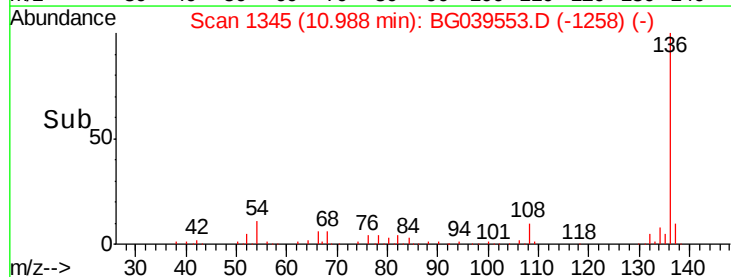
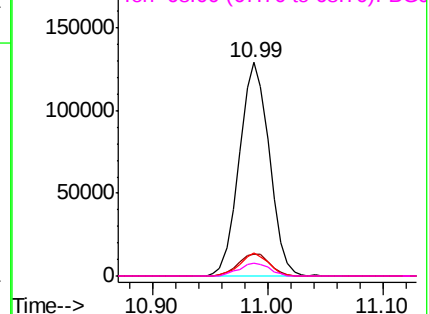
137 10.5 9.1 13.7

54 11.0 9.4 14.2

68 5.8 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 92.130 ng

RT: 9.34 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

Instrument :

BNA_G

ClientSampleId :

PB117191BL

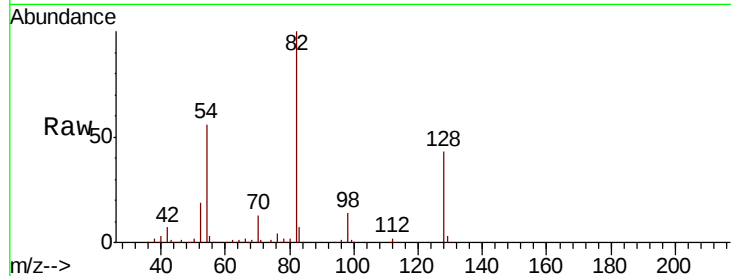
Tot Ion: 82 Resp: 341686

Ion Ratio Lower Upper

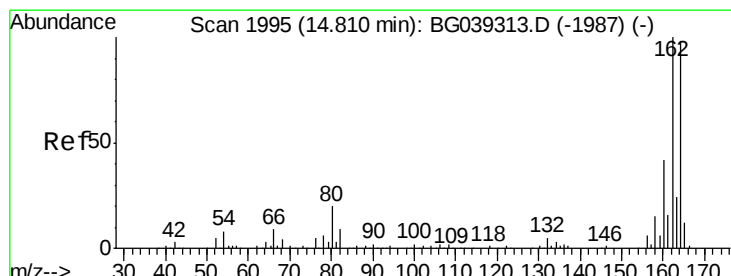
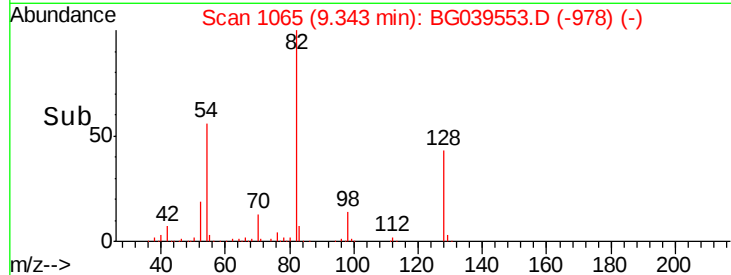
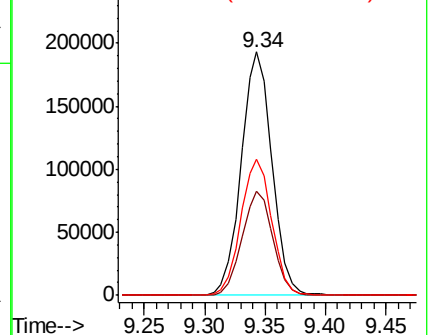
82 100

128 42.9 31.3 46.9

54 55.8 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

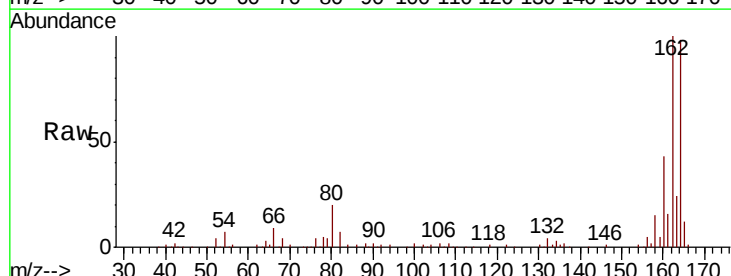
Tgt Ion: 164 Resp: 163642

Ion Ratio Lower Upper

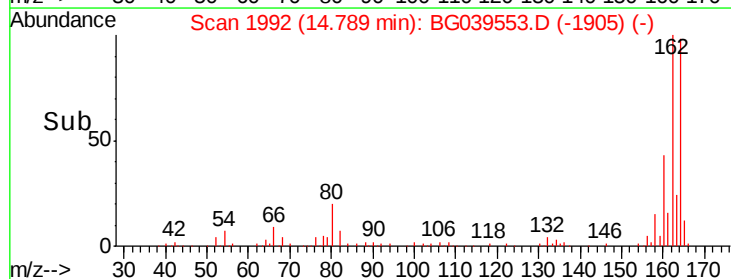
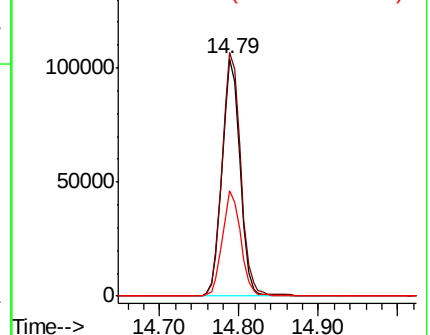
164 100

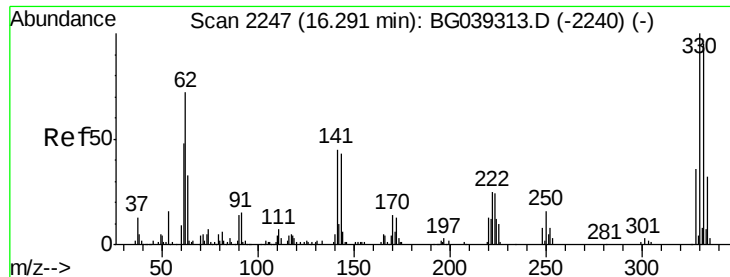
162 102.4 81.6 122.4

160 44.1 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

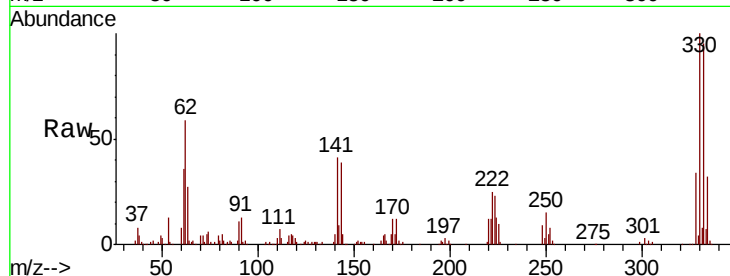




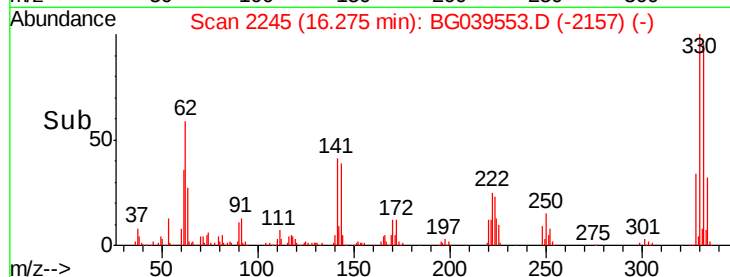
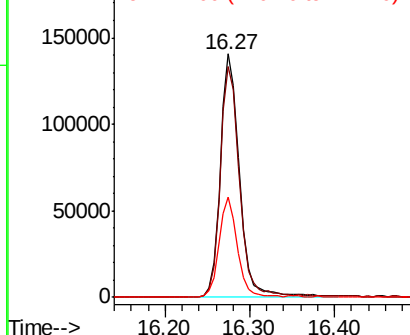
#42
 2,4,6-Tribromophenol
 Concen: 126.530 ng
 RT: 16.27 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BG039553.D
 Acq: 18 Feb 2019 23:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117191BL

Tot Ion:330 Resp: 222964
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.7 113.5
 141 39.6 35.6 53.4

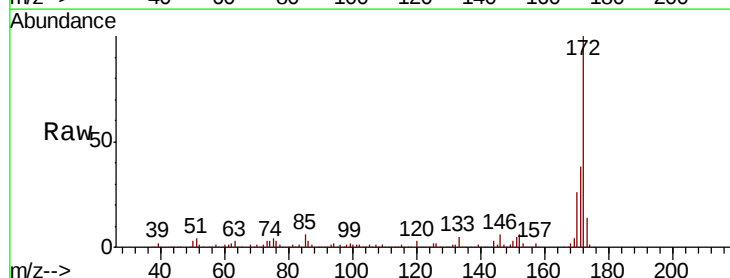


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

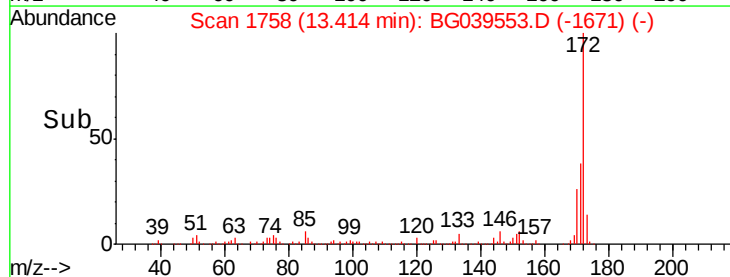
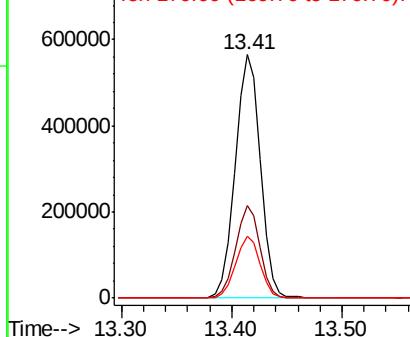


#45
 2-Fluorobiphenyl
 Concen: 79.051 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039553.D
 Acq: 18 Feb 2019 23:57

Tgt Ion:172 Resp: 901747
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 25.5 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. -0.02 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

Instrument :

BNA_G

ClientSampleId :

PB117191BL

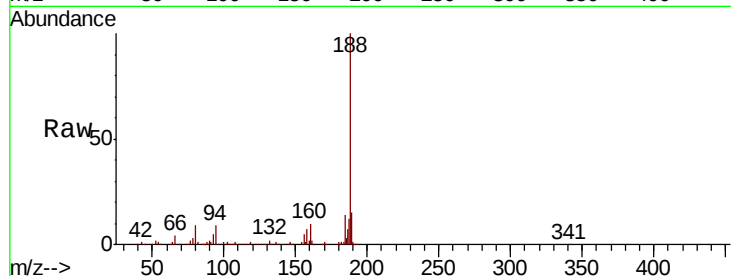
Tot Ion:188 Resp: 390014

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

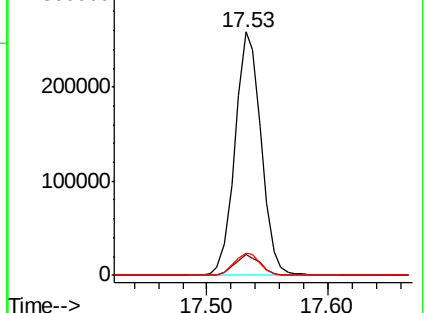
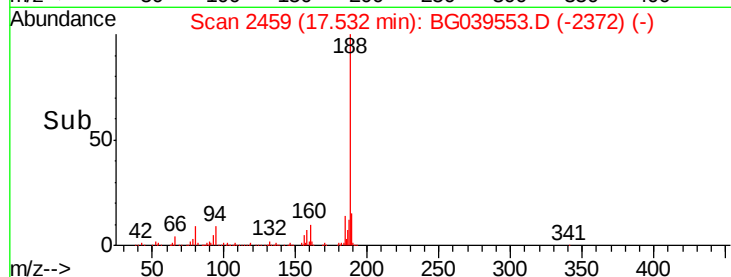
80 8.9 8.1 12.1



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. -0.03 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

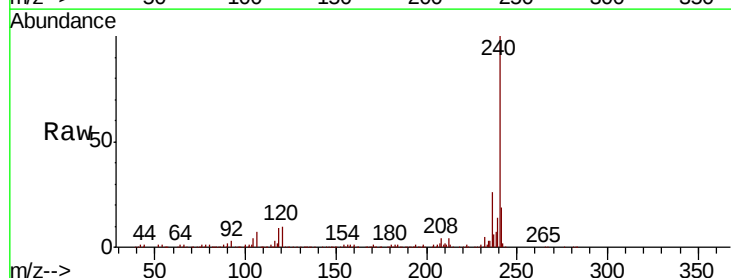
Tgt Ion:240 Resp: 409611

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

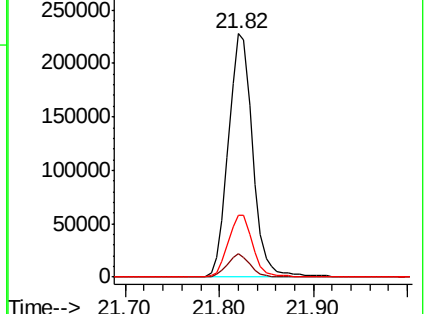
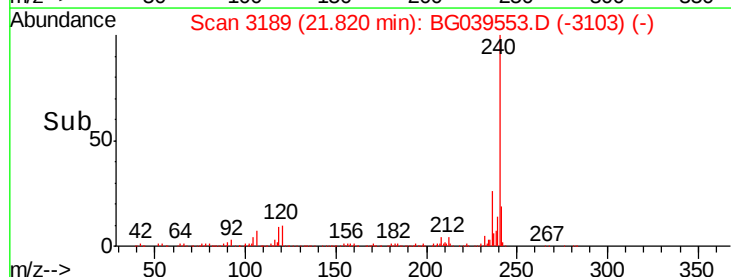
236 25.5 21.0 31.4



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: 74.090 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

Instrument :

BNA_G

ClientSampleId :

PB117191BL

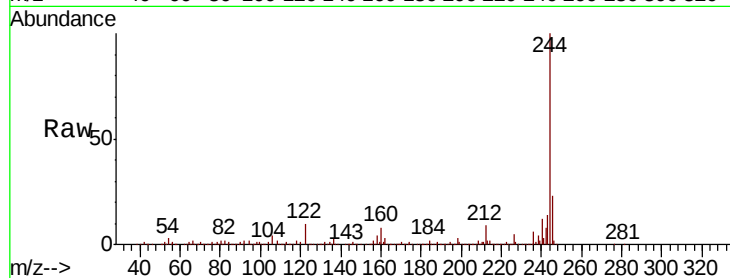
Tot Ion:244 Resp: 1433746

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

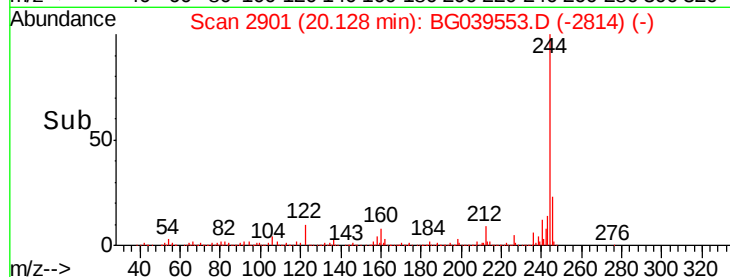
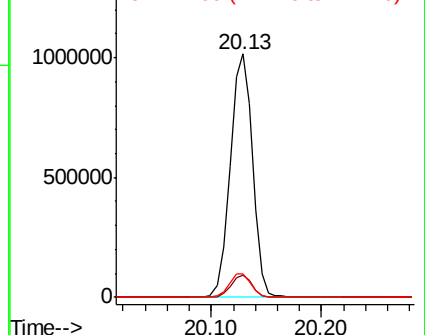
122 9.9 8.4 12.6



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: 25.20 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

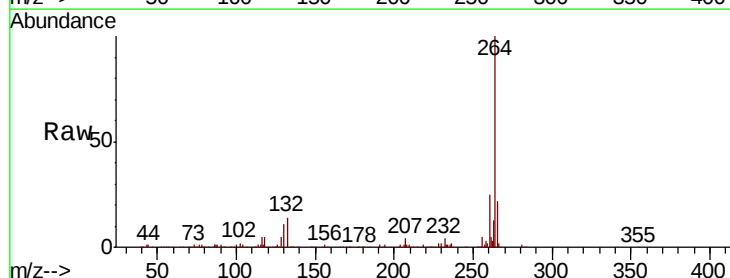
Tgt Ion:264 Resp: 366185

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.4

265 21.9 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

