

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039696.D
 Acq On : 1 Mar 2019 20:59
 Operator : JU/SJ
 Sample : PB117532BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117532BL

Quant Time: Mar 02 03:28:57 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	53157	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	226597	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	155051	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	383453	20.00	ng	0.00
76) Chrysene-d12	21.82	240	409933	20.00	ng	0.00
87) Perylene-d12	25.20	264	393507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	324394	104.45	ng	0.00
7) Phenol-d6	7.31	99	462083	101.07	ng	0.00
23) Nitrobenzene-d5	9.34	82	266023	73.34	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	150128	89.92	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	665521	61.57	ng	0.00
79) Terphenyl-d14	20.12	244	1119149	57.79	ng	0.00

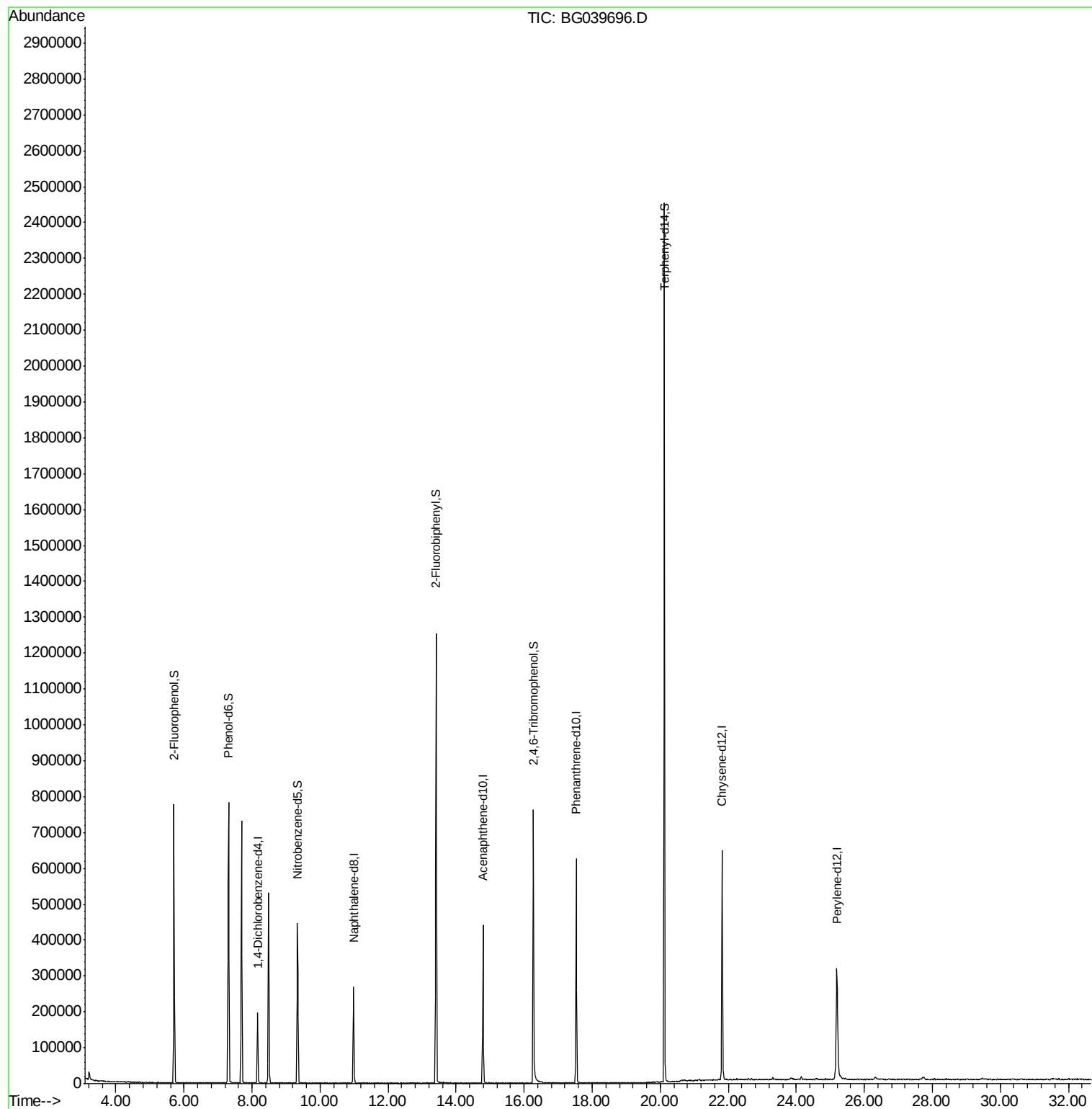
Target Compounds Qvalue

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

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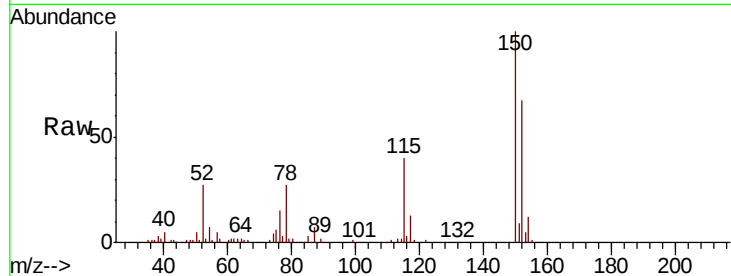


#1

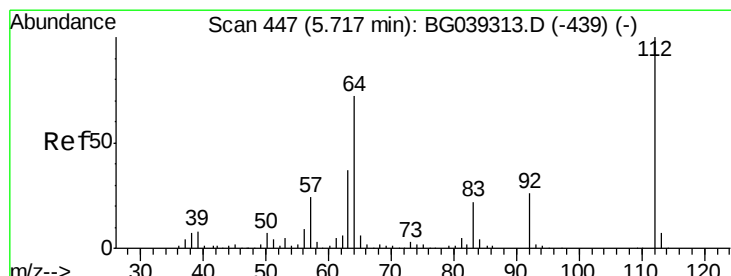
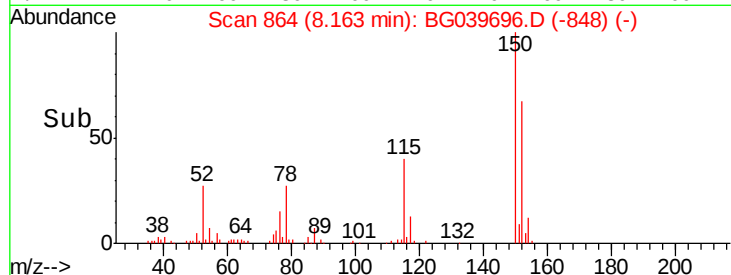
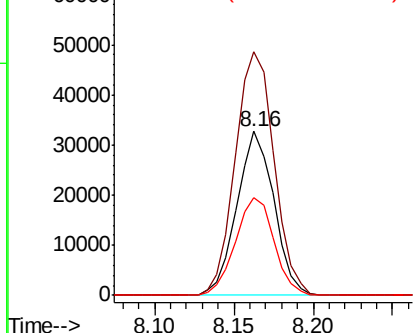
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Instrument :
BNA_G
ClientSampleId :
PB117532BL

Tot Ion:152 Resp: 53157
Ion Ratio Lower Upper
152 100
150 148.3 123.7 185.5
115 59.6 45.9 68.9



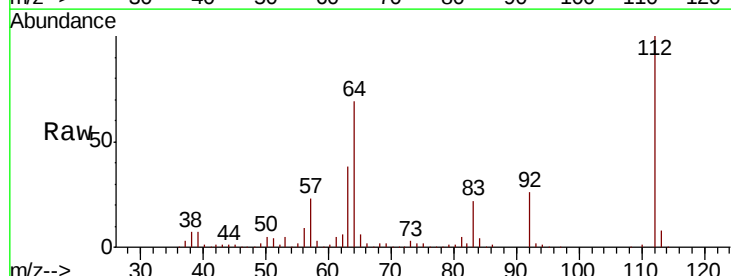
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



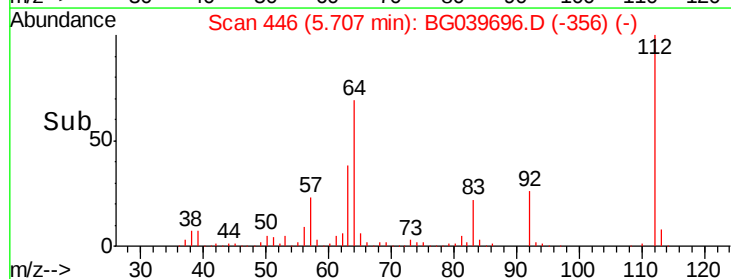
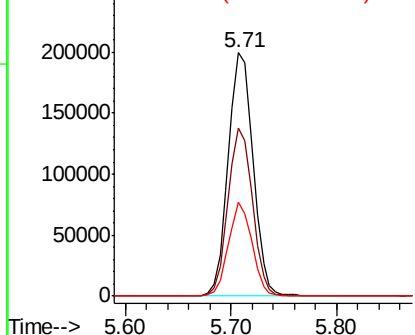
#5

2-Fluorophenol
Concen: 104.446 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Tgt Ion:112 Resp: 324394
Ion Ratio Lower Upper
112 100
64 69.0 57.8 86.8
63 38.4 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: 101.074 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039696.D

Acq: 1 Mar 2019 20:59

Instrument :

BNA_G

ClientSampleId :

PB117532BL

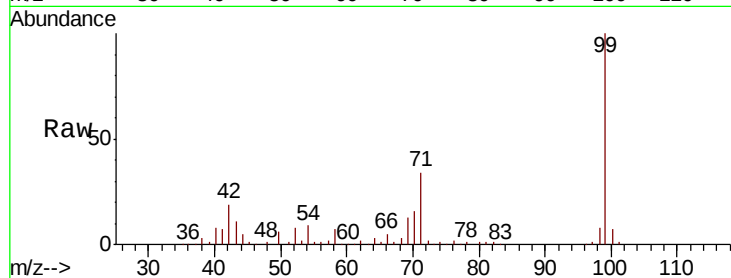
Tot Ion: 99 Resp: 462083

Ion Ratio Lower Upper

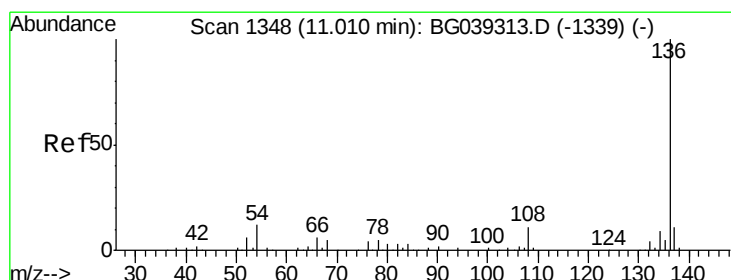
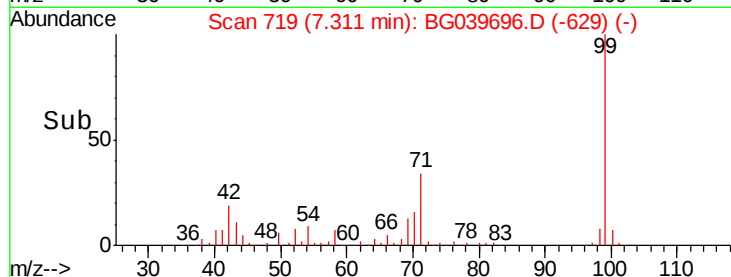
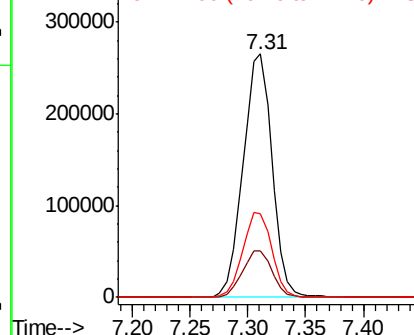
99 100

42 19.3 18.2 27.2

71 34.3 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: 10.98 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BG039696.D

Acq: 1 Mar 2019 20:59

Tgt Ion: 136 Resp: 226597

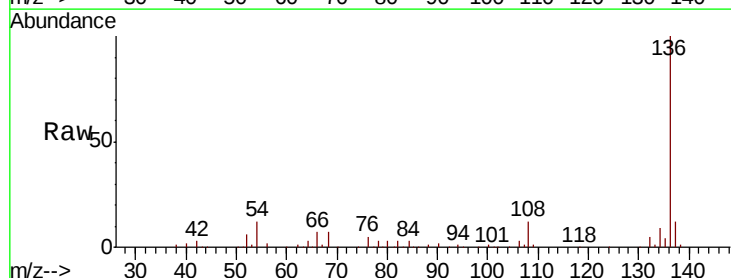
Ion Ratio Lower Upper

136 100

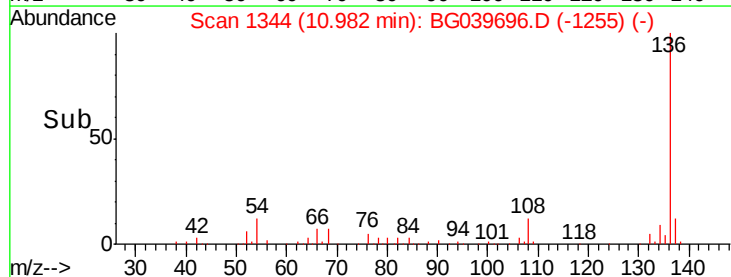
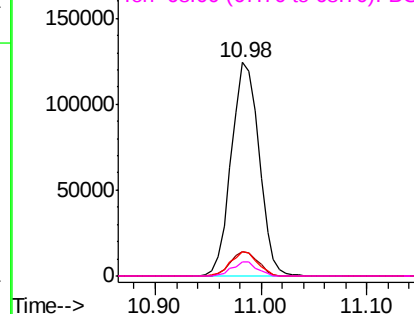
137 11.5 9.1 13.7

54 11.7 9.4 14.2

68 6.7 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





#23

Nitrobenzene-d5

Concen: 73.341 ng

RT: 9.34 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BG039696.D

Acq: 1 Mar 2019 20:59

Instrument :

BNA_G

ClientSampleId :

PB117532BL

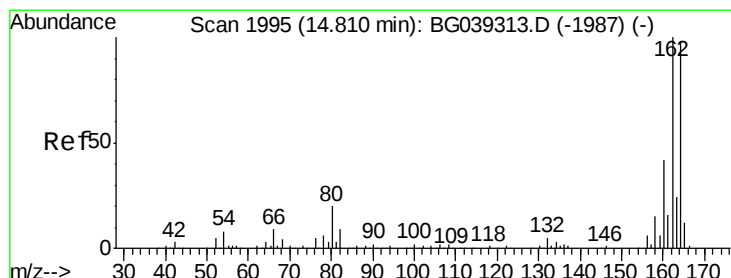
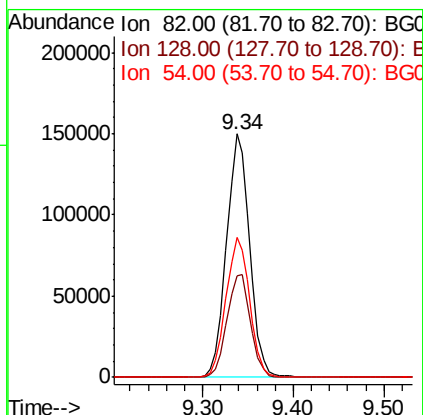
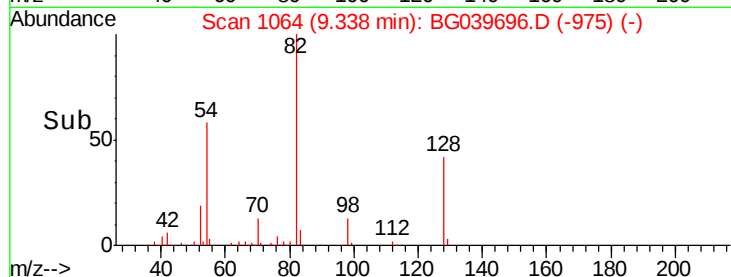
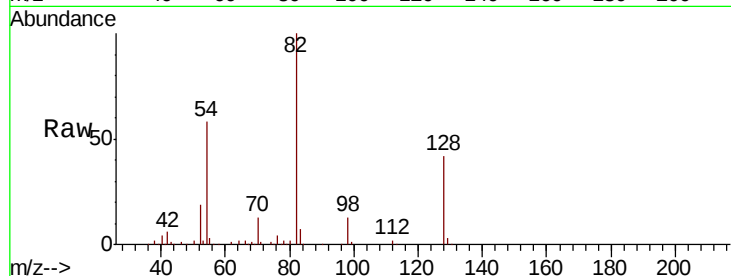
Tot Ion: 82 Resp: 266023

Ion Ratio Lower Upper

82 100

128 41.6 31.3 46.9

54 57.6 50.9 76.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039696.D

Acq: 1 Mar 2019 20:59

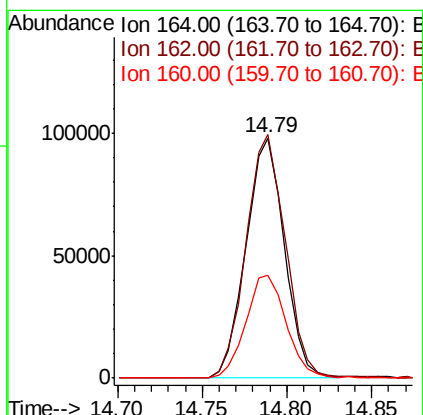
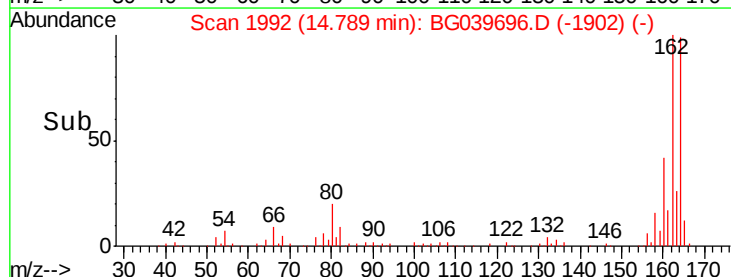
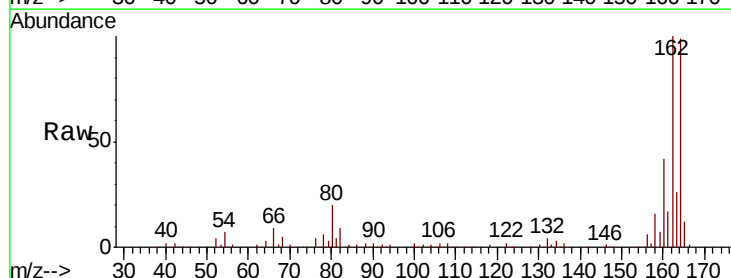
Tgt Ion: 164 Resp: 155051

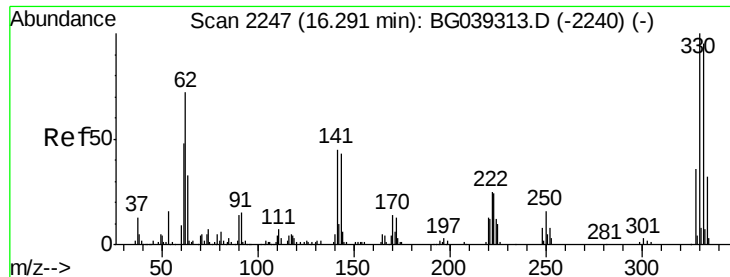
Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

160 43.0 34.2 51.2

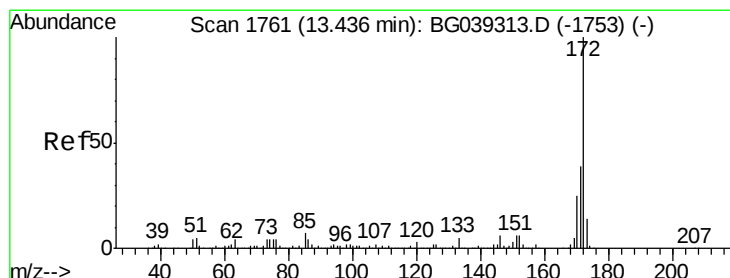
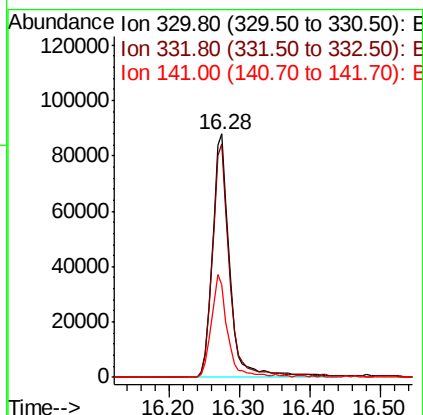
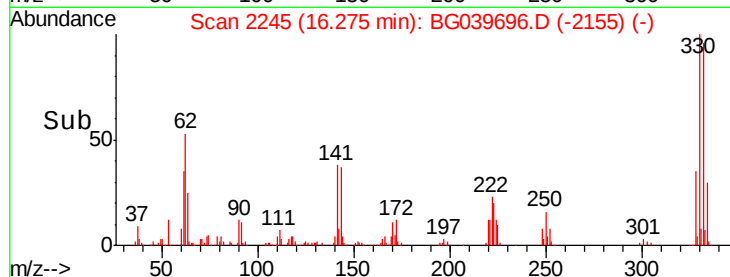
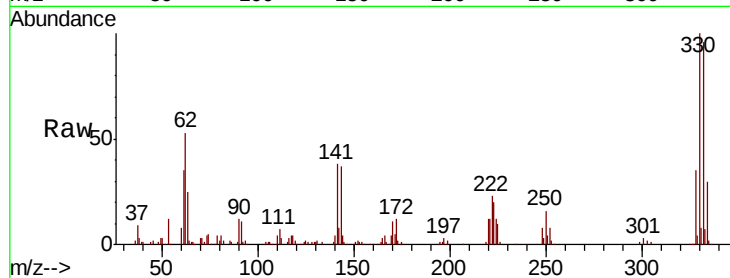




#42
 2,4,6-Tribromophenol
 Concen: 89.917 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BG039696.D
 Acq: 1 Mar 2019 20:59

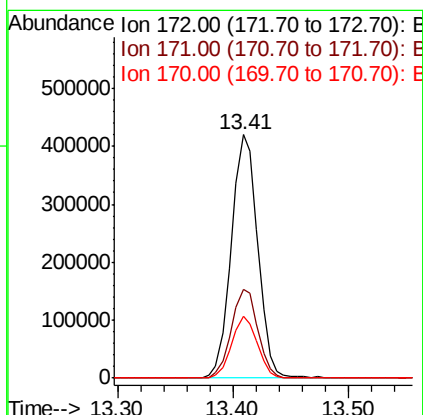
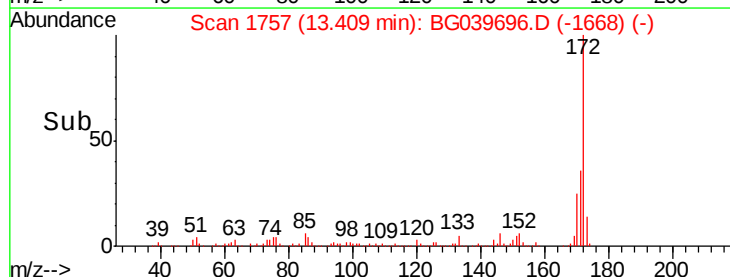
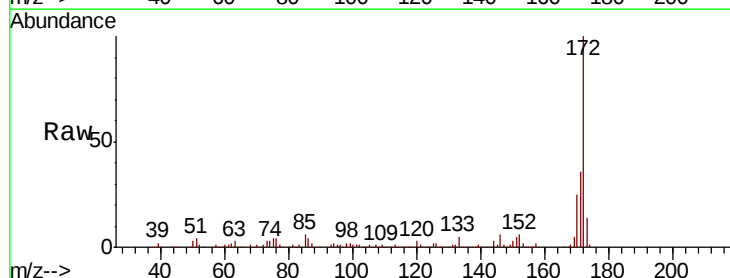
Instrument :
 BNA_G
 ClientSampleId :
 PB117532BL

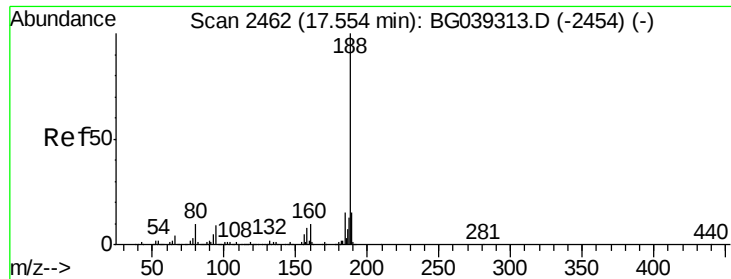
Tot Ion:330 Resp: 150128
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.7 113.5
 141 39.5 35.6 53.4



#45
 2-Fluorobiphenyl
 Concen: 61.575 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039696.D
 Acq: 1 Mar 2019 20:59

Tgt Ion:172 Resp: 665521
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 25.4 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039696.D

Acq: 1 Mar 2019 20:59

Instrument :

BNA_G

ClientSampleId :

PB117532BL

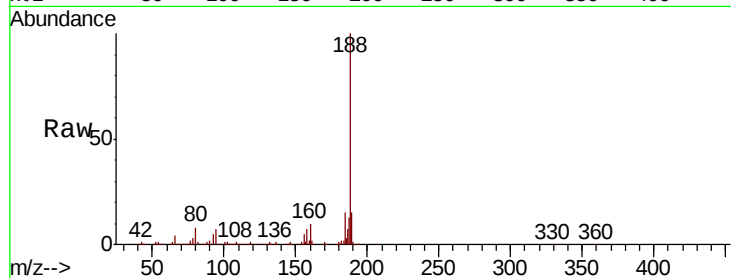
Tot Ion:188 Resp: 383453

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

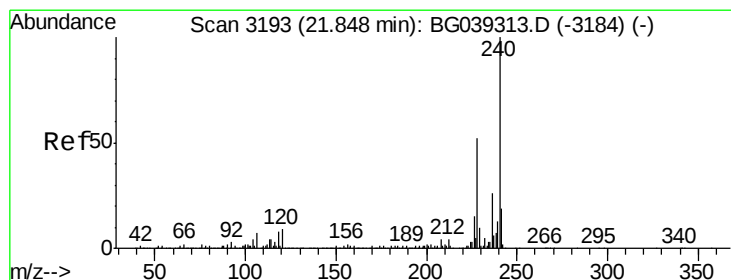
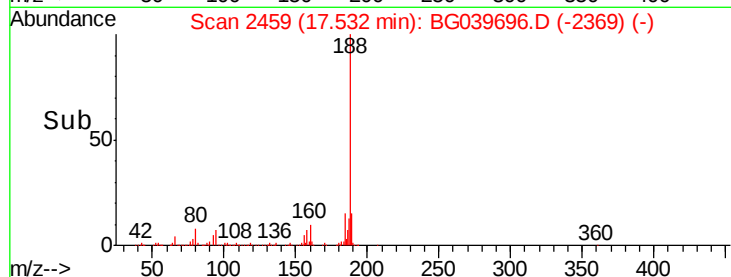
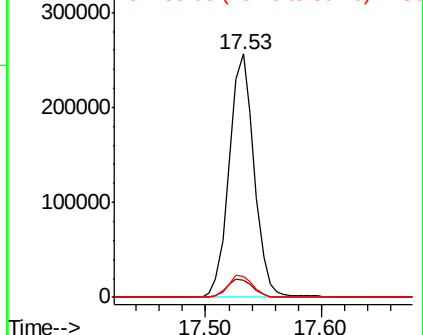
80 8.5 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039696.D

Acq: 1 Mar 2019 20:59

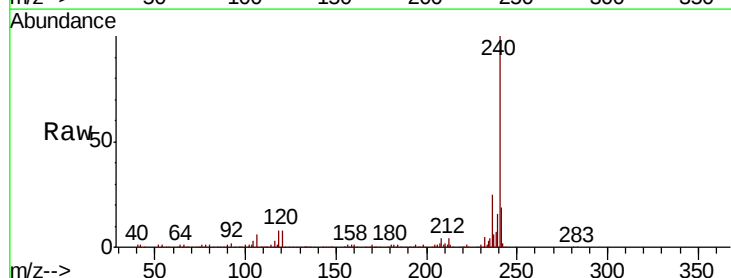
Tgt Ion:240 Resp: 409933

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

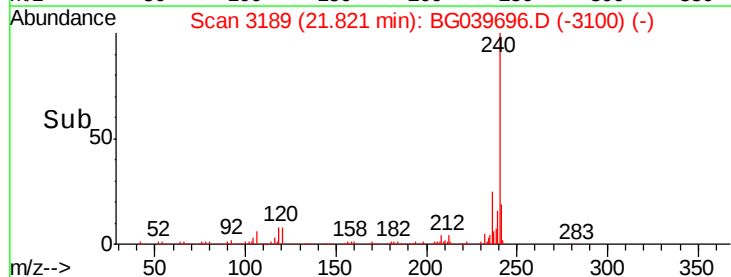
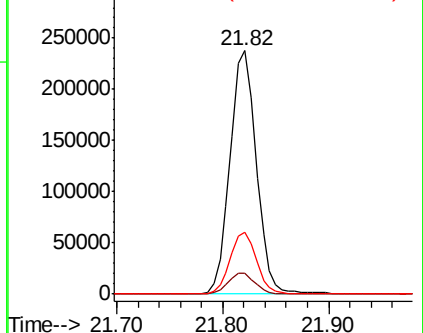
236 25.5 21.0 31.4

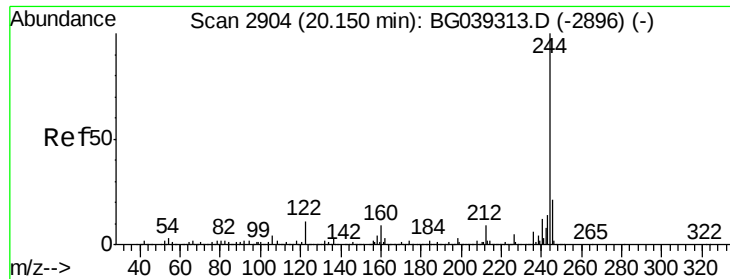


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

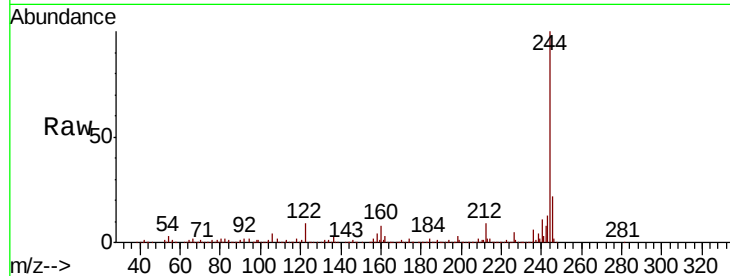




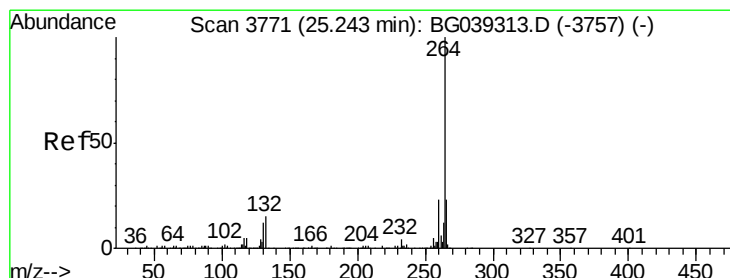
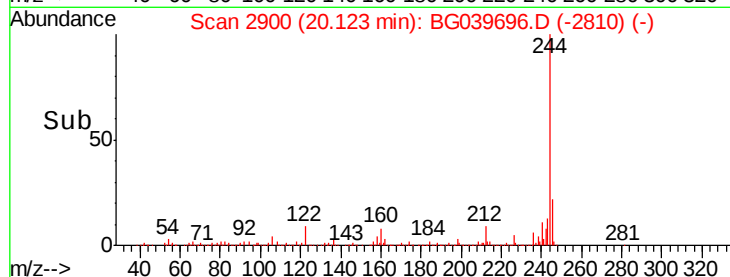
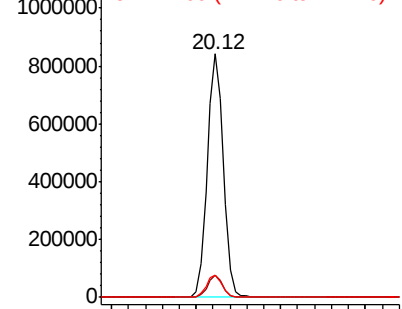
#79
 Terphenyl-d14
 Concen: 57.787 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039696.D
 Acq: 1 Mar 2019 20:59

Instrument :
 BNA_G
 ClientSampled :
 PB117532BL

Tot Ion:244 Resp: 1119149
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.3 10.9
 122 9.4 8.4 12.6

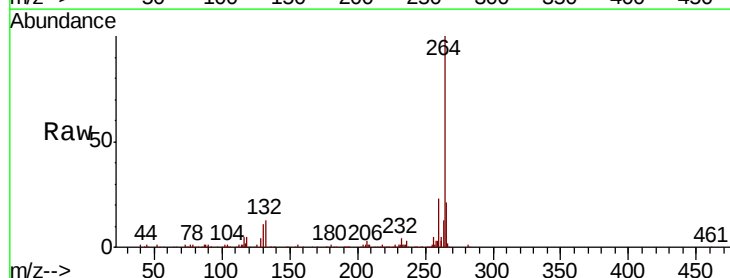


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.00 min
 Lab File: BG039696.D
 Acq: 1 Mar 2019 20:59

Tgt Ion:264 Resp: 393507
 Ion Ratio Lower Upper
 264 100
 260 22.7 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

