

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039403.D
 Acq On : 8 Feb 2019 5:28
 Operator : JU/SJ
 Sample : K1389-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-6

Quant Time: Feb 09 00:51:13 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	52782	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	227228	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	149482	20.00	ng	-0.01
64) Phenanthrene-d10	17.55	188	353994	20.00	ng	0.00
76) Chrysene-d12	21.83	240	380600	20.00	ng	-0.01
87) Perylene-d12	25.22	264	361636	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	430893	139.72	ng	0.00
7) Phenol-d6	7.31	99	567000	124.90	ng	0.00
23) Nitrobenzene-d5	9.36	82	401044	110.26	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	204604	127.11	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	941004	90.31	ng	0.00
79) Terphenyl-d14	20.14	244	1557487	86.62	ng	-0.01

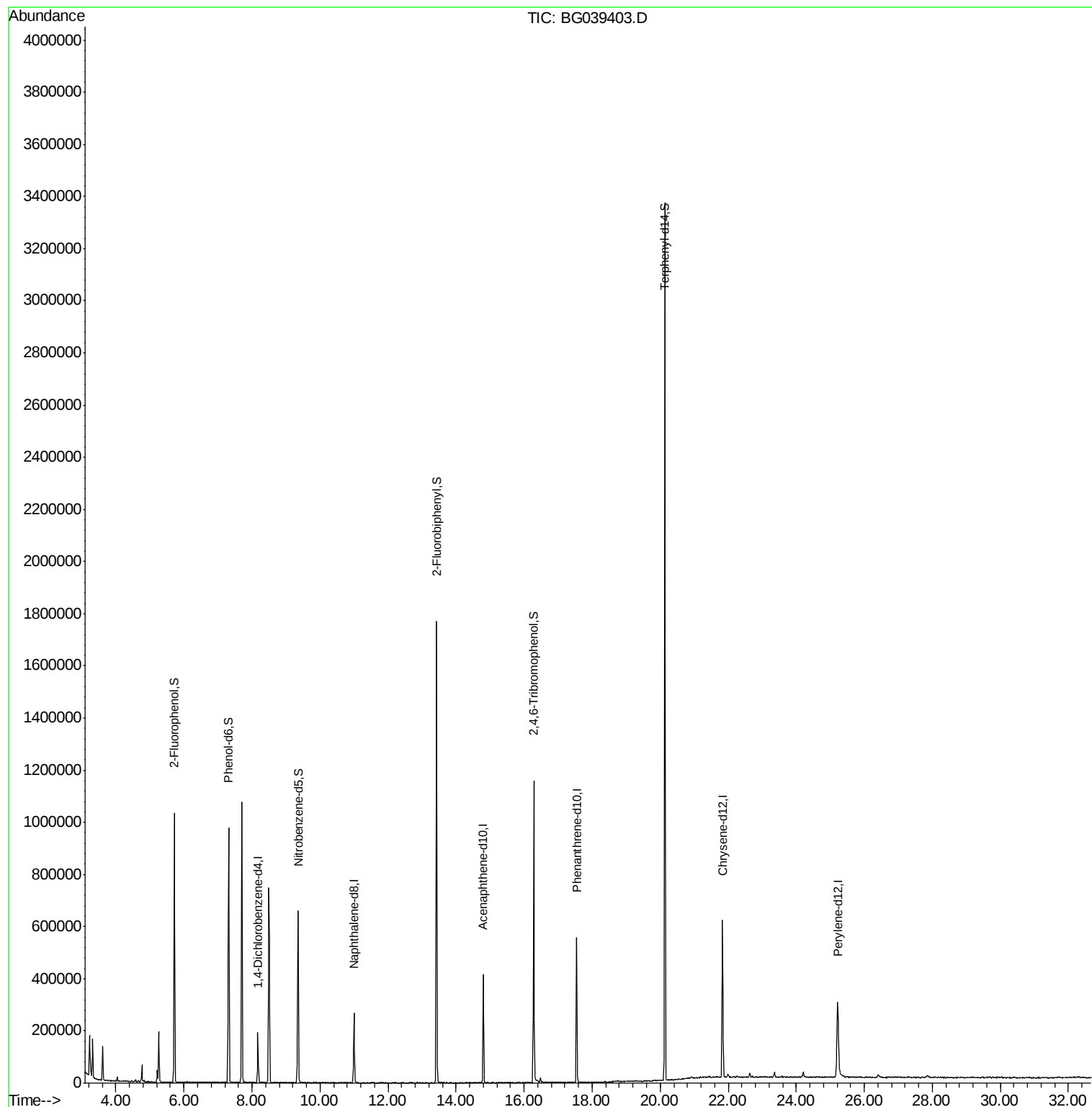
Target Compounds Qvalue

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

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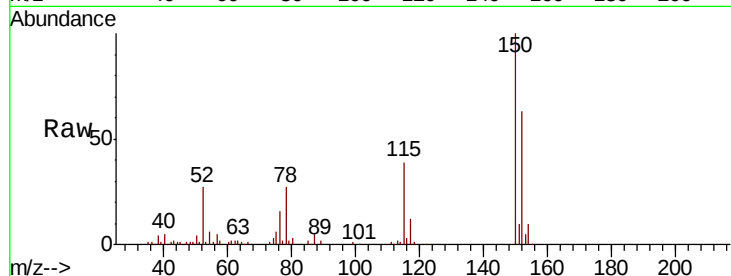


#1

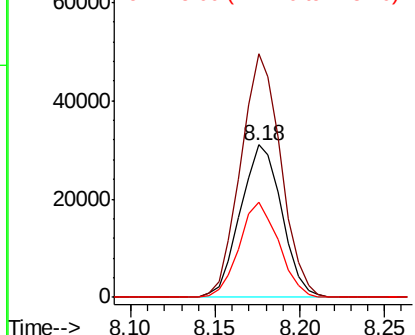
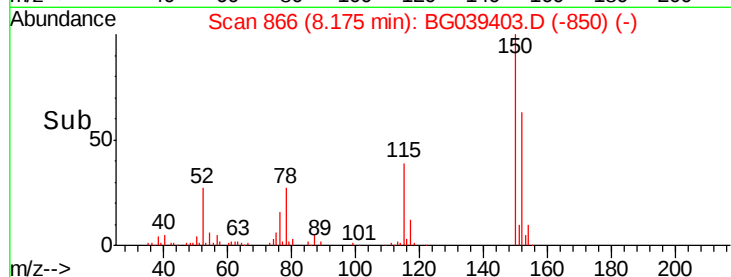
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Instrument :
BNA_G
ClientSampleId :
M-6

Tot Ion:152 Resp: 52782
Ion Ratio Lower Upper
152 100
150 159.9 123.7 185.5
115 62.2 45.9 68.9



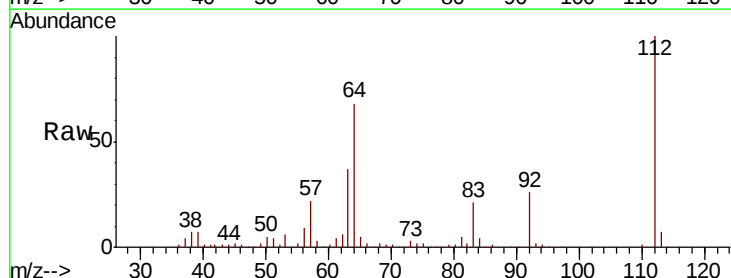
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



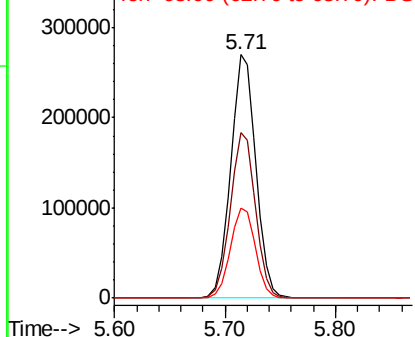
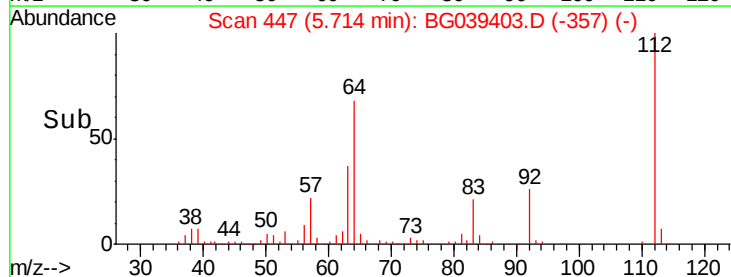
#5

2-Fluorophenol
Concen: 139.721 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Tgt Ion:112 Resp: 430893
Ion Ratio Lower Upper
112 100
64 67.9 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.904 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039403.D

Acq: 8 Feb 2019 5:28

Instrument :

BNA_G

ClientSampleId :

M-6

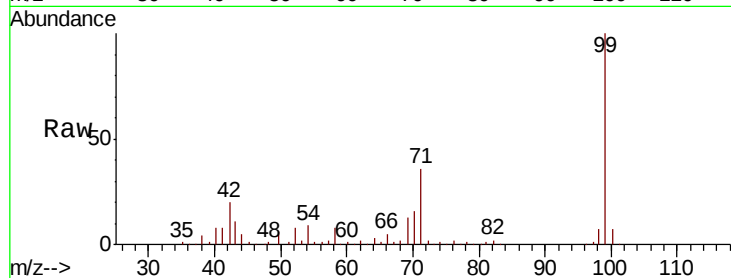
Tot Ion: 99 Resp: 567000

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.2

71 35.7 28.0 42.0

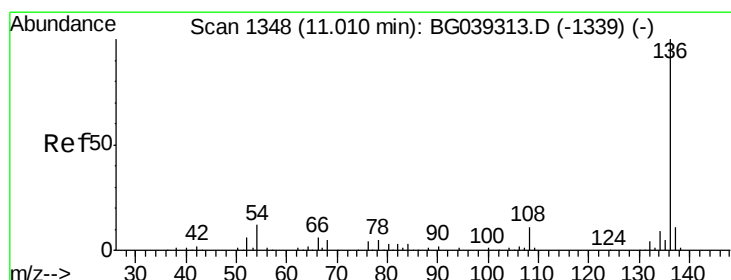
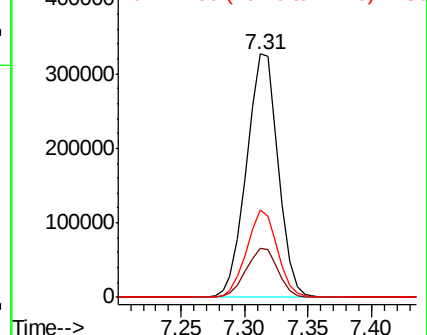
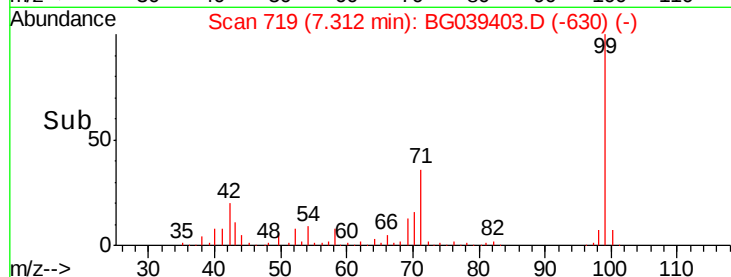


Abundance

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: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039403.D

Acq: 8 Feb 2019 5:28

Tgt Ion: 136 Resp: 227228

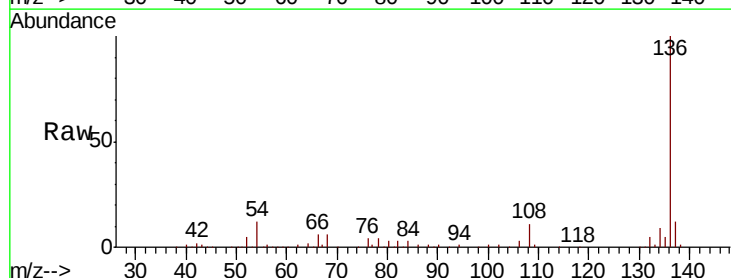
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 11.6 9.4 14.2

68 6.4 4.2 6.4#



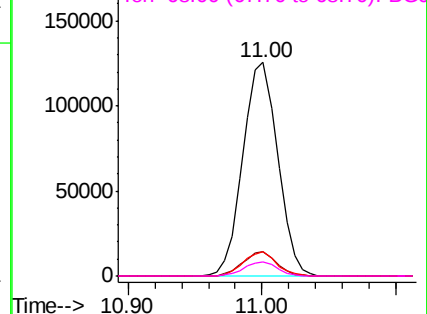
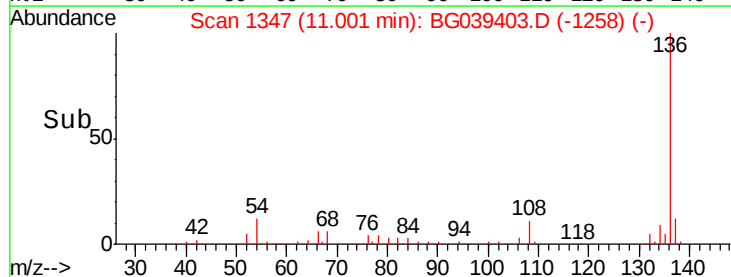
Abundance

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

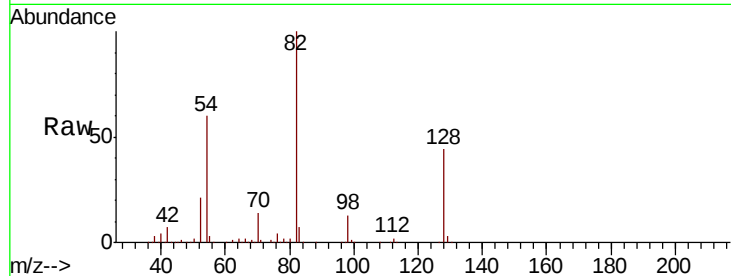




#23
Nitrobenzene-d5
Concen: 110.259 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Instrument :
BNA_G
ClientSampleId :
M-6

Tot Ion	82	Resp	401044
Ion Ratio	100	Lower	Upper
128	44.3	31.3	46.9
54	59.7	50.9	76.3

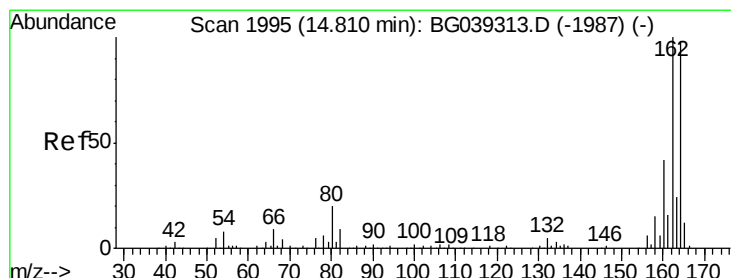
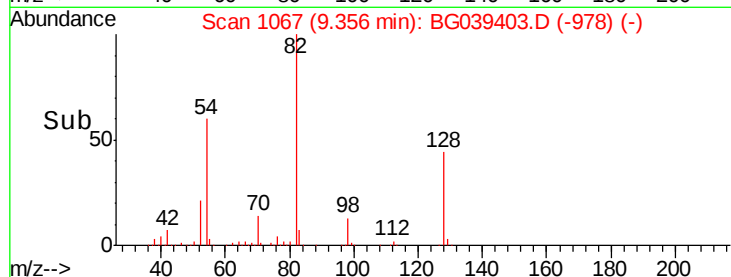
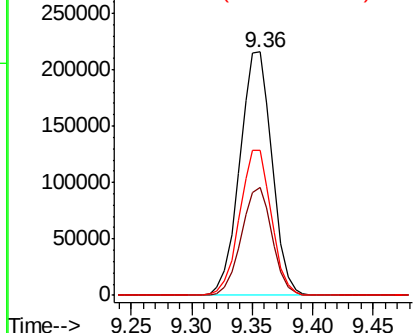


Abundance

Ion 82.00 (81.70 to 82.70): BGC

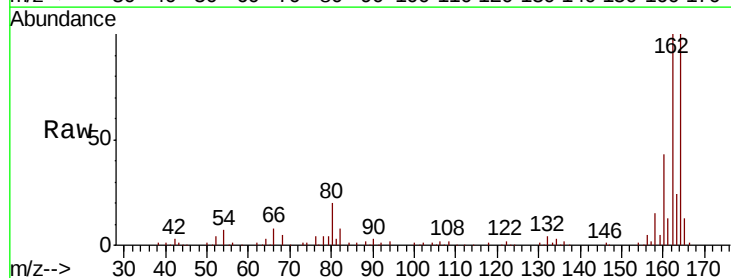
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Tgt Ion	164	Resp	149482
Ion Ratio	100	Lower	Upper
162	99.8	81.6	122.4
160	42.9	34.2	51.2

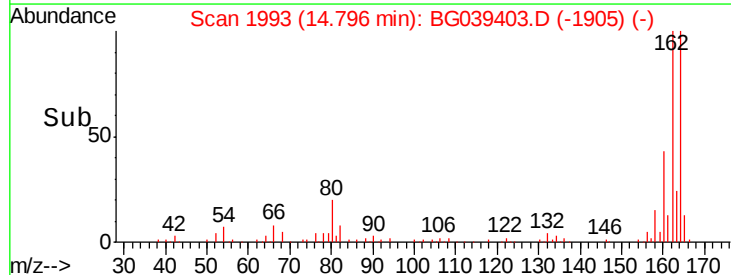
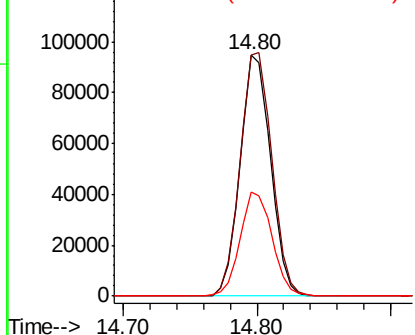


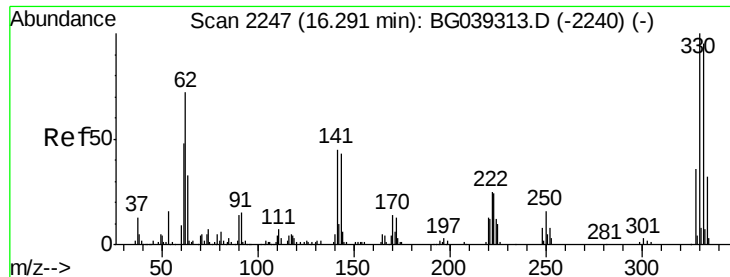
Abundance

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

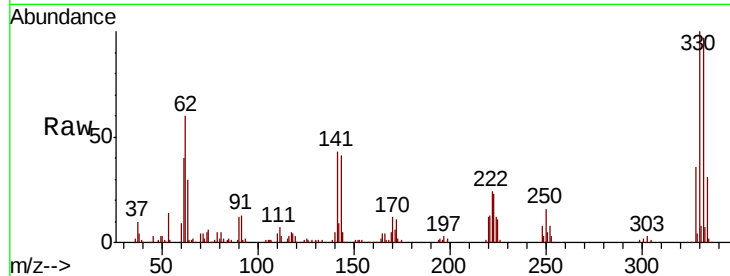




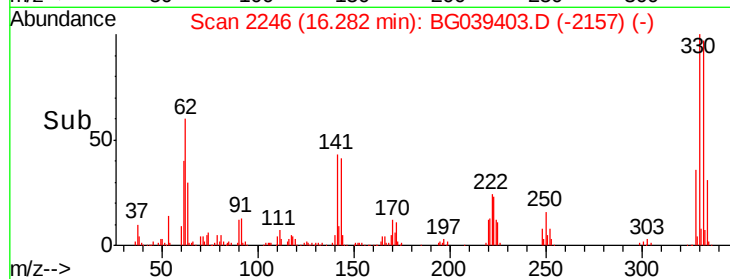
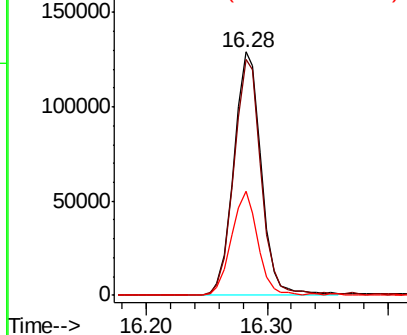
#42
 2,4,6-Tribromophenol
 Concen: 127.110 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039403.D
 Acq: 8 Feb 2019 5:28

Instrument :
 BNA_G
 ClientSampleId :
 M-6

Tot Ion:330 Resp: 204604
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.7 113.5
 141 40.9 35.6 53.4

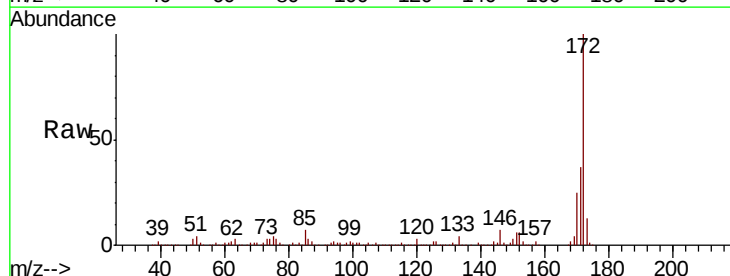


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

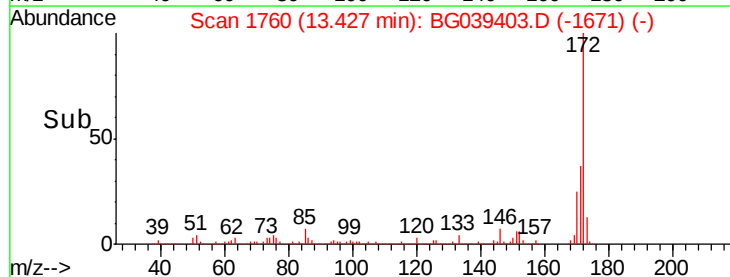
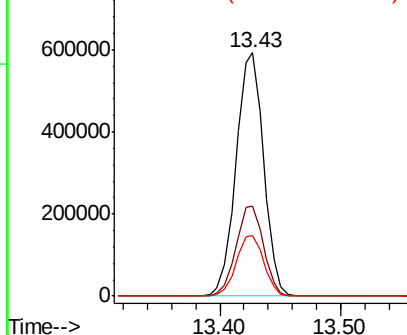


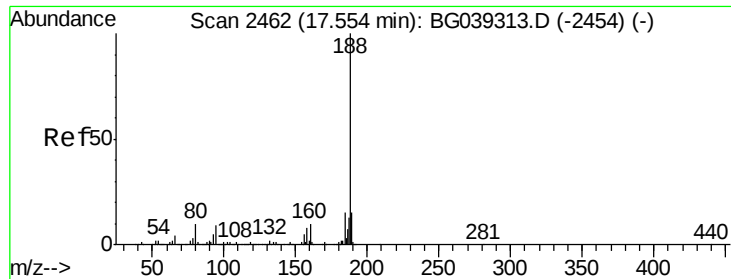
#45
 2-Fluorobiphenyl
 Concen: 90.306 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039403.D
 Acq: 8 Feb 2019 5:28

Tgt Ion:172 Resp: 941004
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 24.7 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# 2461

Delta R.T. -0.01 min

Lab File: BG039403.D

Acq: 8 Feb 2019 5:28

Instrument :

BNA_G

ClientSampleId :

M-6

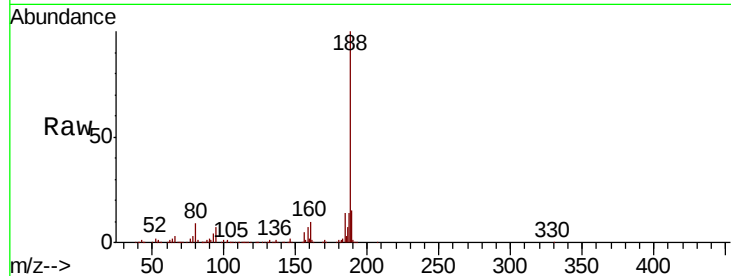
Tot Ion:188 Resp: 353994

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

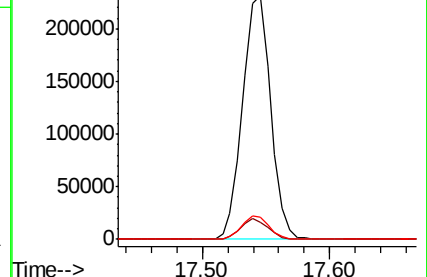
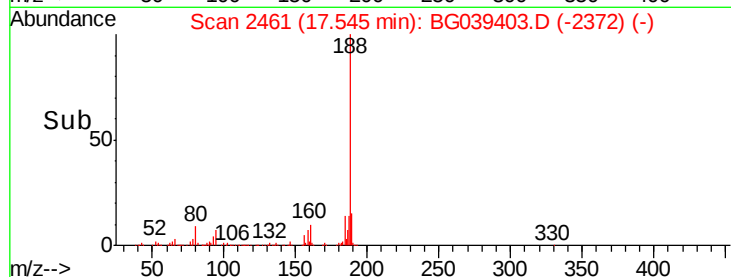
80 9.3 8.1 12.1



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: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039403.D

Acq: 8 Feb 2019 5:28

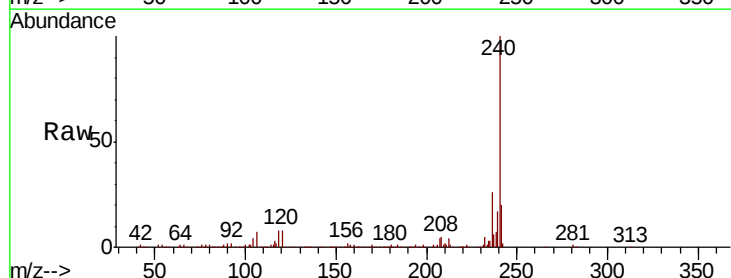
Tgt Ion:240 Resp: 380600

Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.6

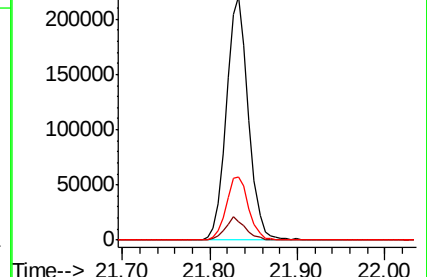
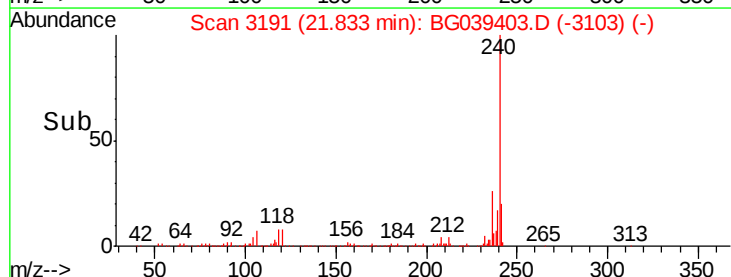
236 25.7 21.0 31.4

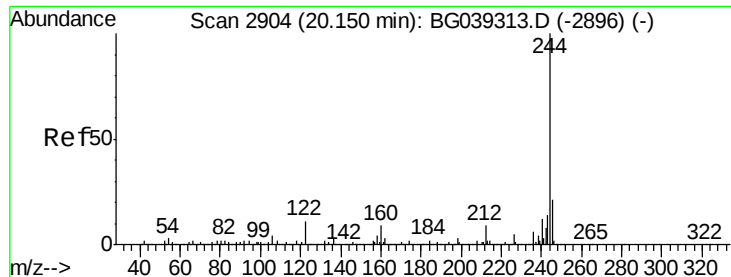


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.619 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039403.D

Acq: 8 Feb 2019 5:28

Instrument :

BNA_G

ClientSampled :

M-6

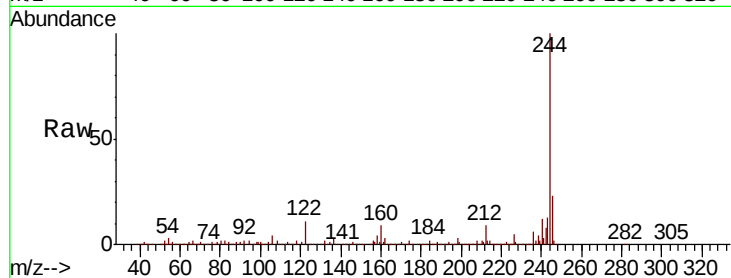
Tot Ion:244 Resp: 1557487

Ion Ratio Lower Upper

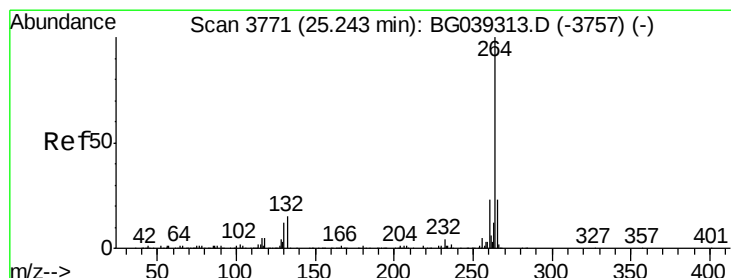
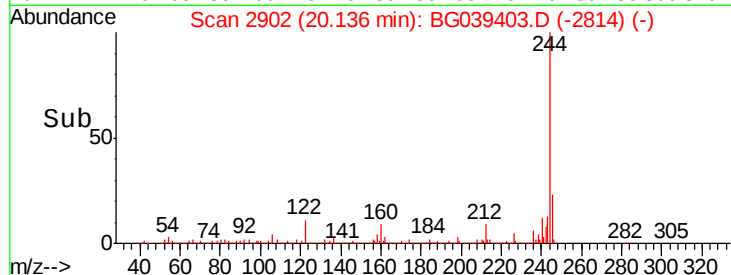
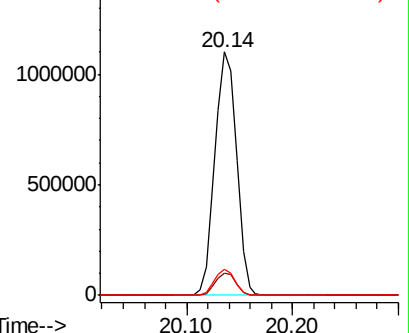
244 100

212 9.3 7.3 10.9

122 10.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E
1500000 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: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039403.D

Acq: 8 Feb 2019 5:28

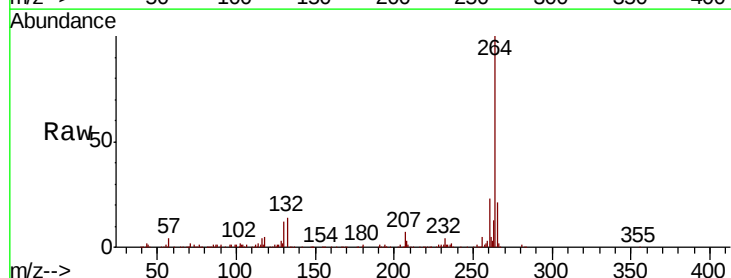
Tgt Ion:264 Resp: 361636

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 21.3 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E
100000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

