

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022519\
 Data File : BG039590.D
 Acq On : 25 Feb 2019 17:14
 Operator : JU/SJ
 Sample : K1356-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-022219-B

Quant Time: Feb 26 00:47:13 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	8.17	152	51108	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	229581	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	161325	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	386822	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	387183	20.00	ng	-0.02
87) Perylene-d12	25.21	264	297697	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	328188	109.90	ng	0.00
7) Phenol-d6	7.31	99	434264	98.80	ng	0.00
23) Nitrobenzene-d5	9.34	82	322813	87.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	132241	76.12	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	800600	71.19	ng	-0.02
79) Terphenyl-d14	20.13	244	1292139	70.64	ng	-0.02

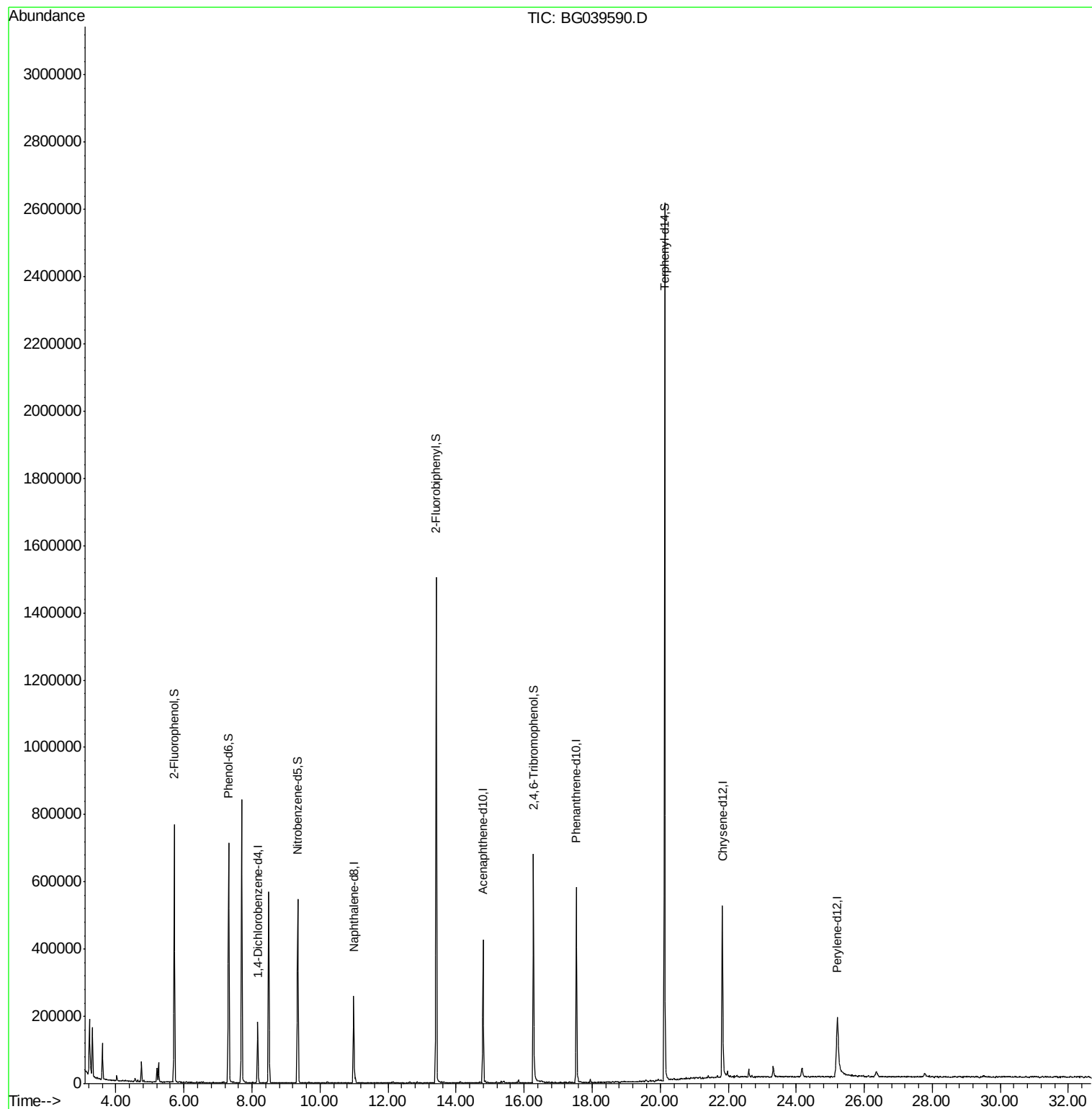
Target Compounds Qvalue

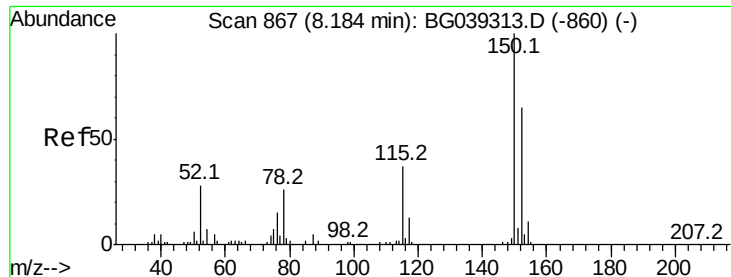
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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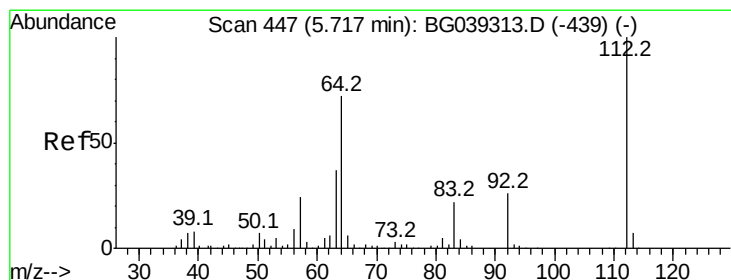
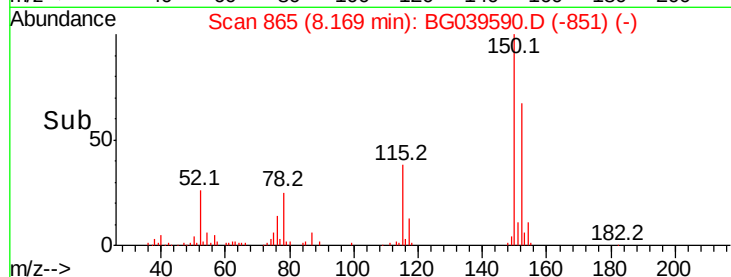
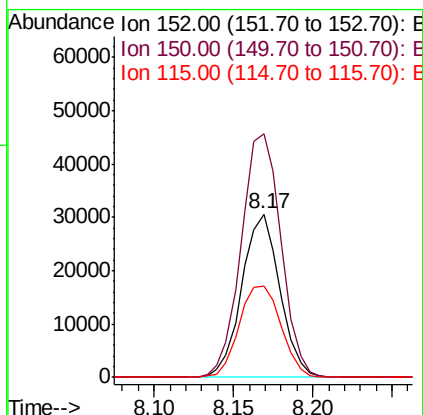
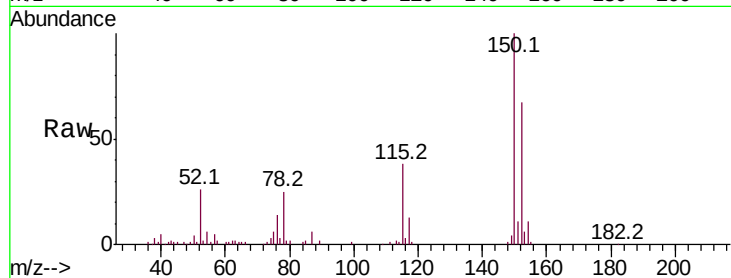


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039590.D
Acq: 25 Feb 2019 17:14

Instrument :
BNA_G
ClientSampleId :
SU-02-022219-B

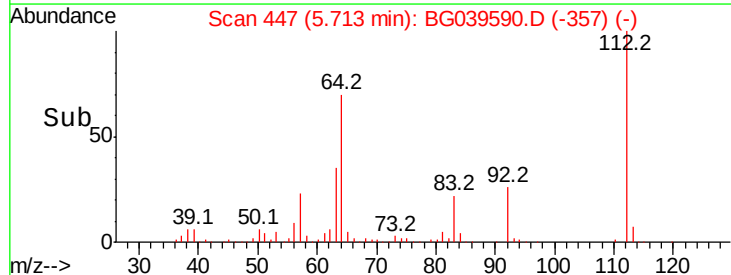
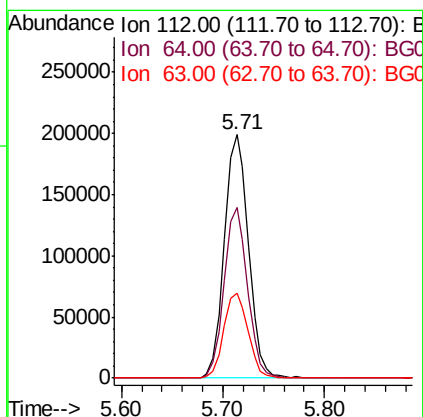
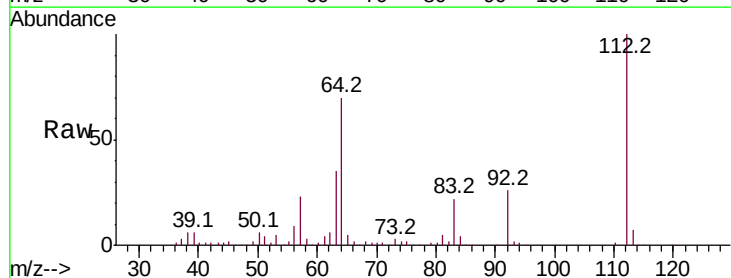
Tot Ion:152 Resp: 51108
Ion Ratio Lower Upper
152 100
150 149.2 123.7 185.5
115 56.2 45.9 68.9

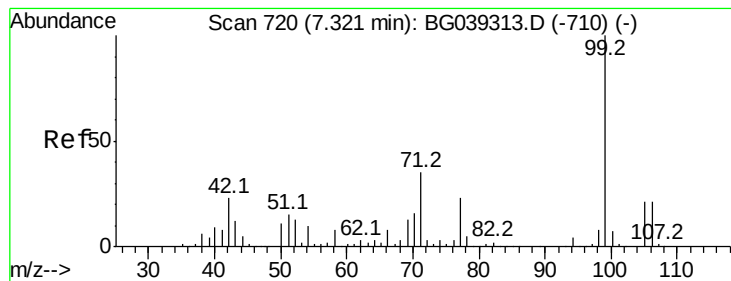


#5

2-Fluorophenol
Concen: 109.904 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039590.D
Acq: 25 Feb 2019 17:14

Tgt Ion:112 Resp: 328188
Ion Ratio Lower Upper
112 100
64 70.1 57.8 86.8
63 35.1 29.8 44.6





#7

Phenol-d6

Concen: 98.797 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039590.D

Acq: 25 Feb 2019 17:14

Instrument :

BNA_G

ClientSampleId :

SU-02-022219-B

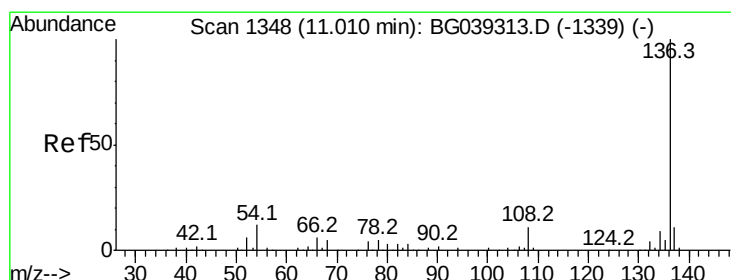
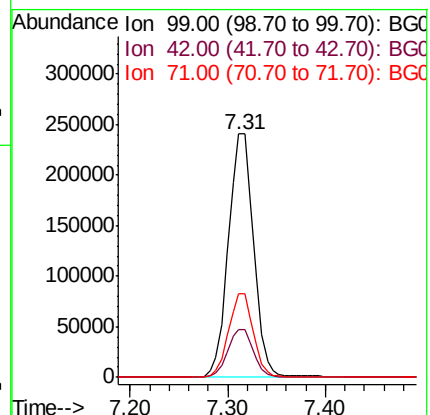
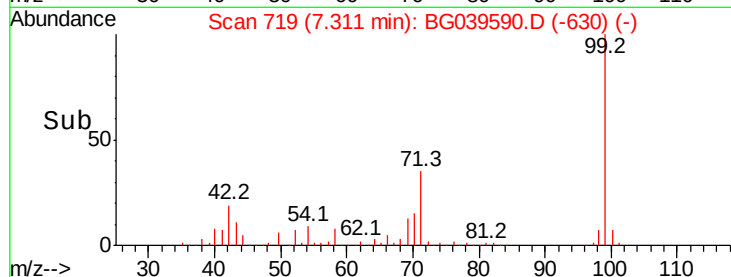
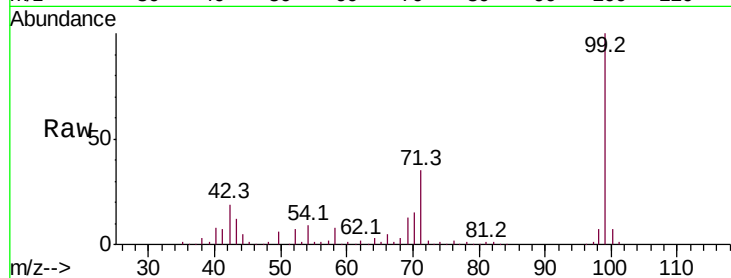
Tot Ion: 99 Resp: 434264

Ion Ratio Lower Upper

99 100

42 19.4 18.2 27.2

71 34.6 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039590.D

Acq: 25 Feb 2019 17:14

Tgt Ion: 136 Resp: 229581

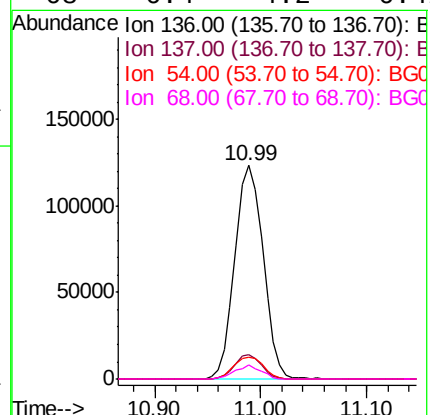
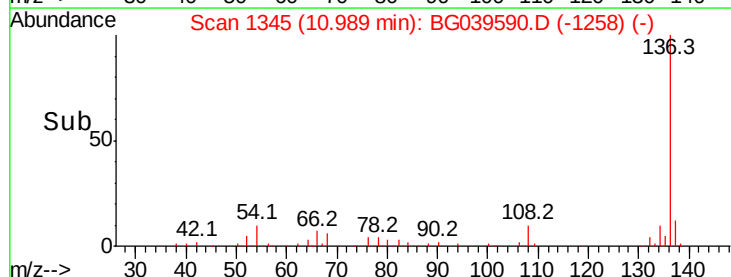
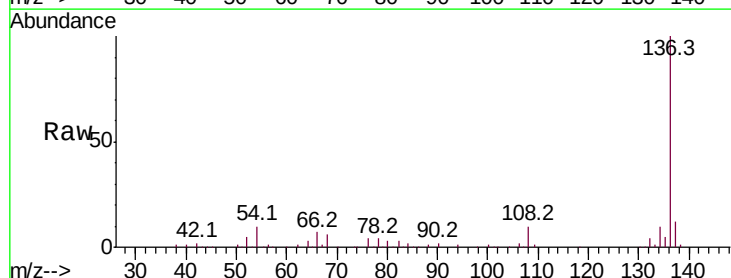
Ion Ratio Lower Upper

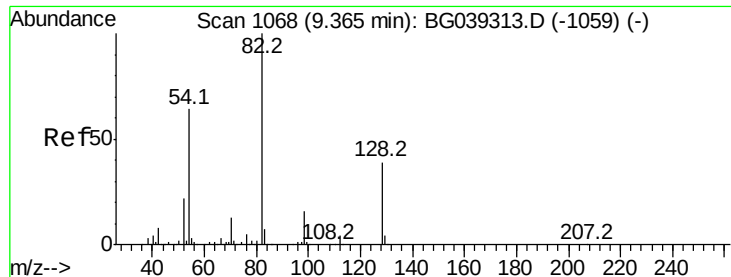
136 100

137 11.7 9.1 13.7

54 10.2 9.4 14.2

68 6.4 4.2 6.4#





#23

Nitrobenzene-d5

Concen: 87.841 ng

RT: 9.34 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039590.D

Acq: 25 Feb 2019 17:14

Instrument :

BNA_G

ClientSampleId :

SU-02-022219-B

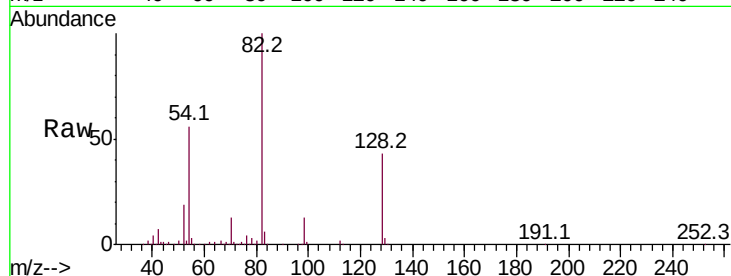
Tot Ion: 82 Resp: 322813

Ion Ratio Lower Upper

82 100

128 43.3 31.3 46.9

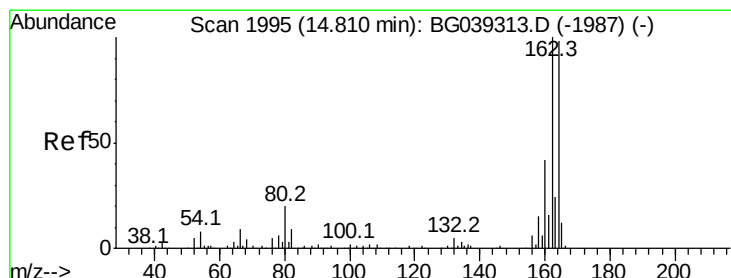
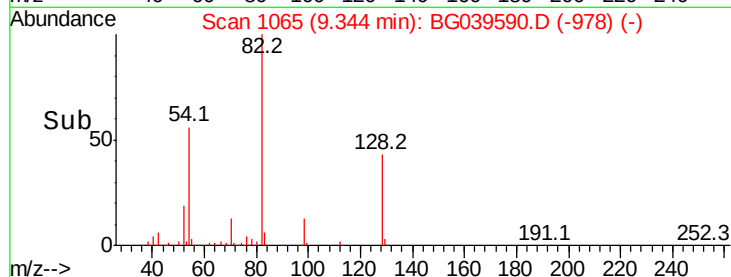
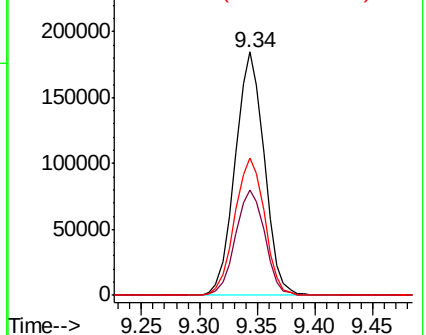
54 56.2 50.9 76.3



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: BG039590.D

Acq: 25 Feb 2019 17:14

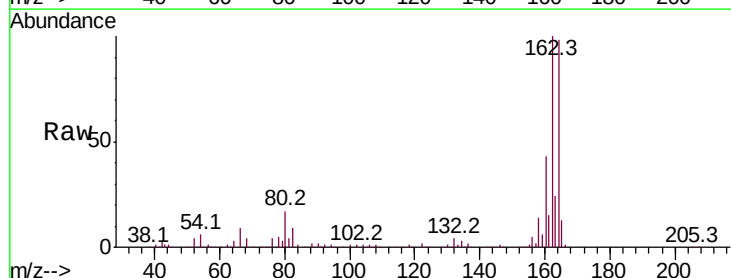
Tgt Ion:164 Resp: 161325

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

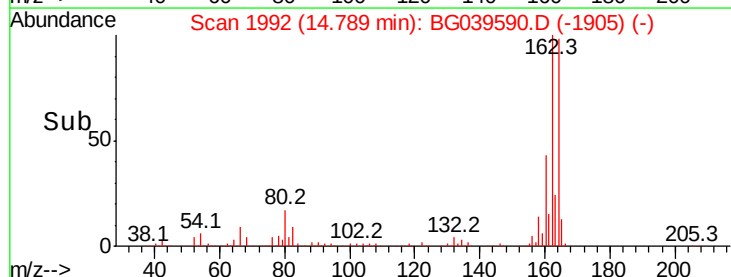
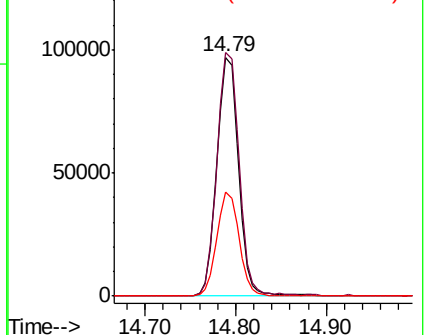
160 43.6 34.2 51.2

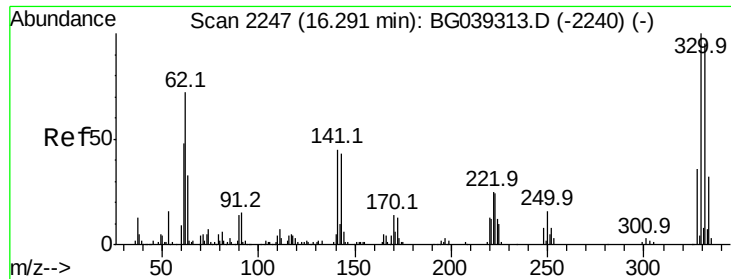


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

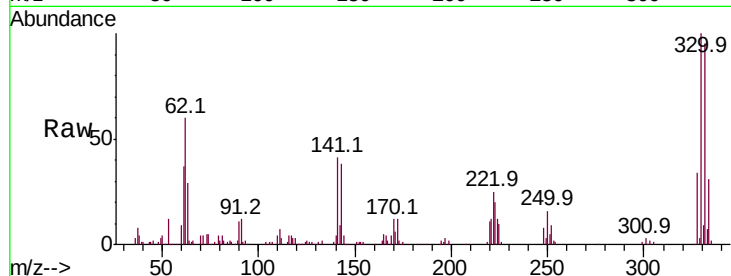




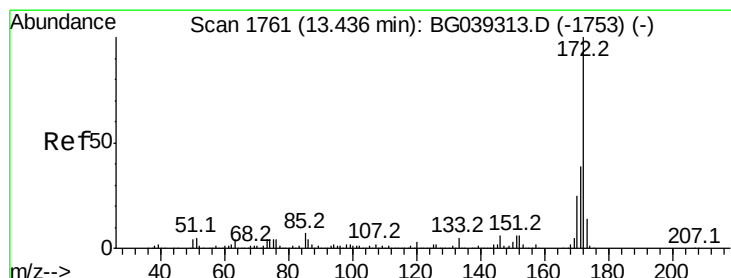
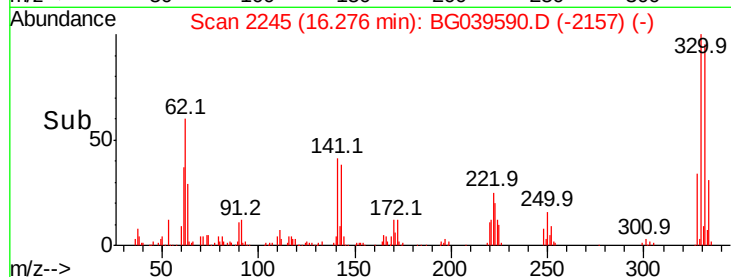
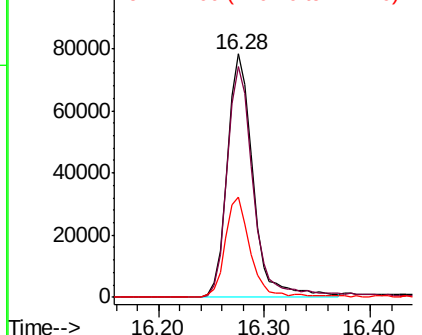
#42
 2,4,6-Tribromophenol
 Concen: 76.123 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BG039590.D
 Acq: 25 Feb 2019 17:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-022219-B

Tot Ion:330 Resp: 132241
 Ion Ratio Lower Upper
 330 100
 332 98.1 75.7 113.5
 141 38.9 35.6 53.4

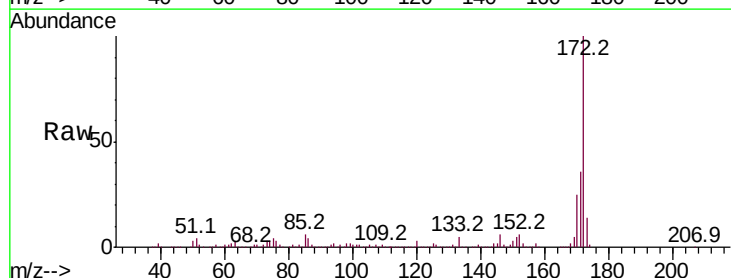


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

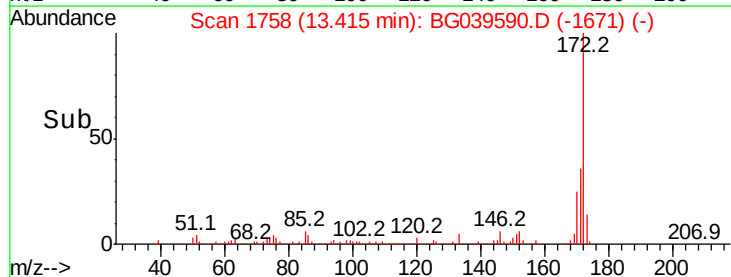
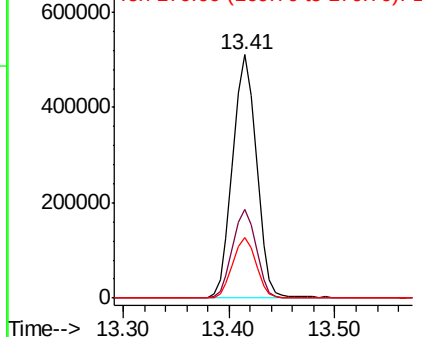


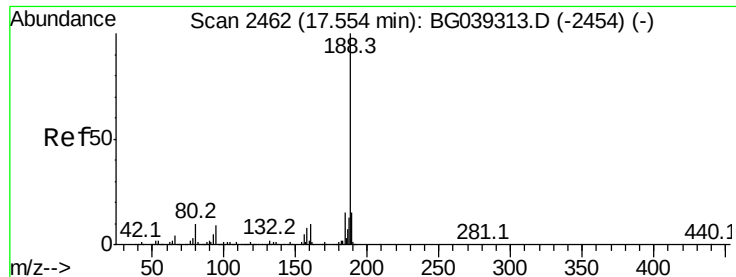
#45
 2-Fluorobiphenyl
 Concen: 71.192 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039590.D
 Acq: 25 Feb 2019 17:14

Tgt Ion:172 Resp: 800600
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.8 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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039590.D

Acq: 25 Feb 2019 17:14

Instrument :

BNA_G

ClientSampleId :

SU-02-022219-B

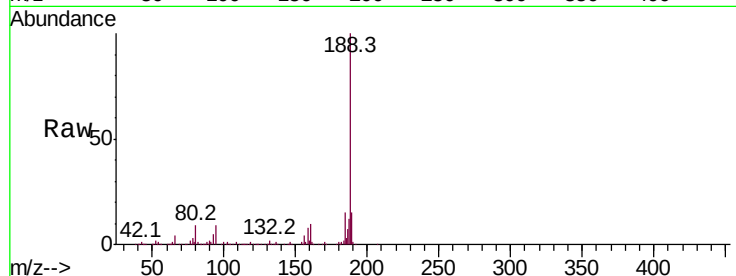
Tot Ion:188 Resp: 386822

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

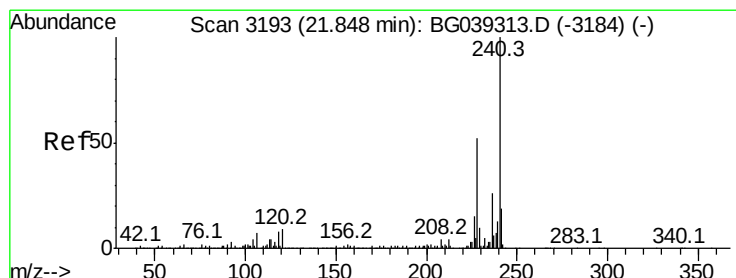
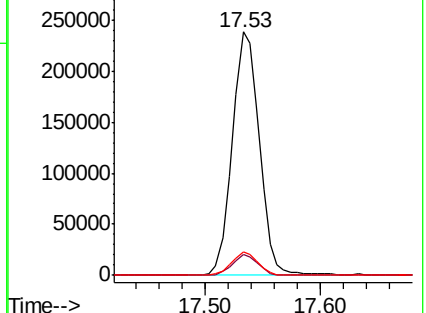
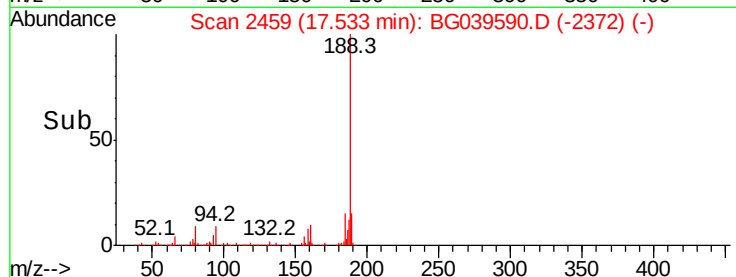
80 9.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039590.D

Acq: 25 Feb 2019 17:14

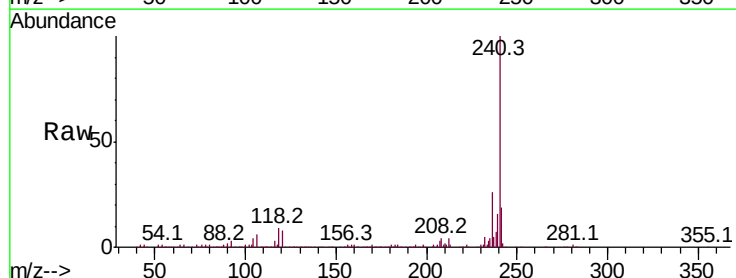
Tgt Ion:240 Resp: 387183

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

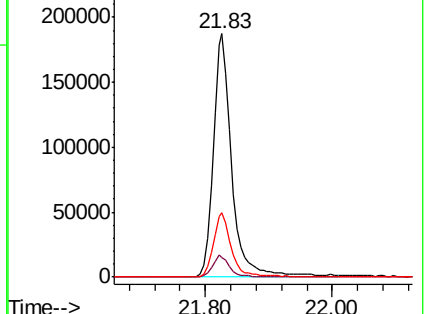
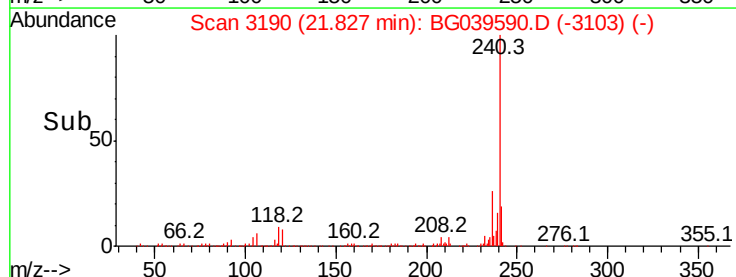
236 26.4 21.0 31.4

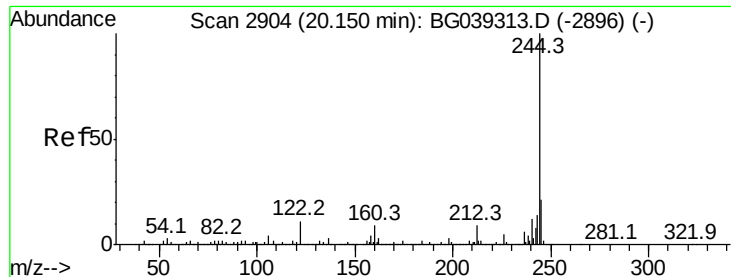


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.640 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039590.D

Acq: 25 Feb 2019 17:14

Instrument :

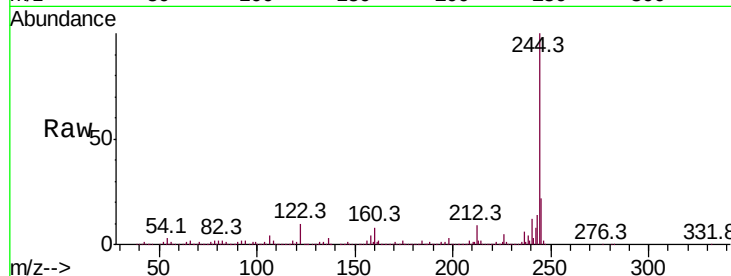
BNA_G

ClientSampleId :

SU-02-022219-B

Tot Ion:244 Resp: 1292139

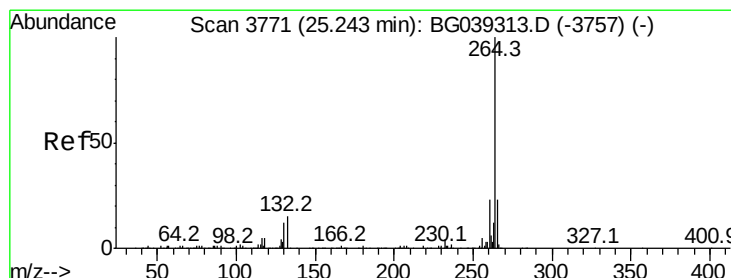
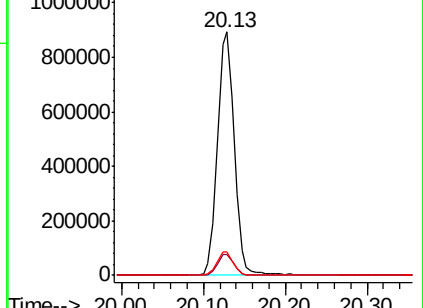
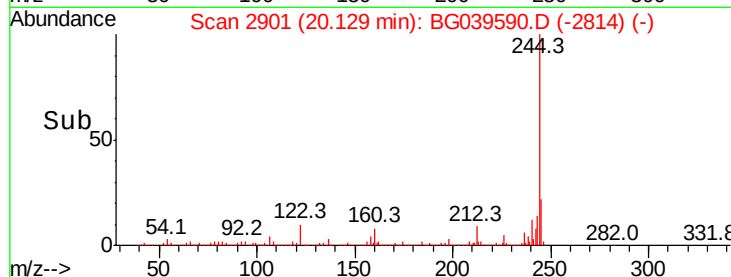
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.5	8.4	12.6



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: 25.21 min Scan# 3766

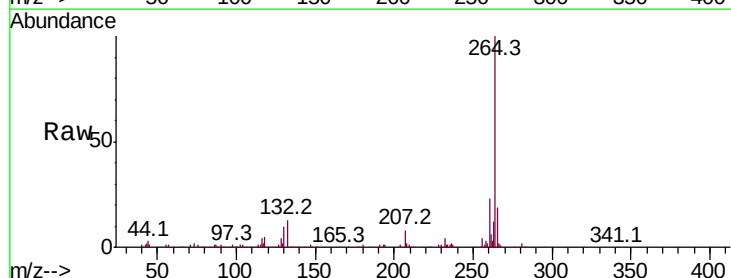
Delta R.T. -0.03 min

Lab File: BG039590.D

Acq: 25 Feb 2019 17:14

Tgt Ion:264 Resp: 297697

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	18.8	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

