

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039155.D
 Acq On : 16 Jan 2019 13:46
 Operator : JU/SJ
 Sample : K1015-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-A

Quant Time: Jan 16 14:36:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 14:03:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	18377	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	76731	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	59060	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	164277	20.00	ng	0.00
76) Chrysene-d12	21.68	240	173862	20.00	ng	0.00
87) Perylene-d12	24.95	264	193417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	201433	207.93	ng	0.00
7) Phenol-d6	7.18	99	212668	152.54	ng	0.00
23) Nitrobenzene-d5	9.20	82	159092	113.45	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	176739	178.52	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	450985	104.50	ng	0.00
79) Terphenyl-d14	20.01	244	917052	97.57	ng	0.00

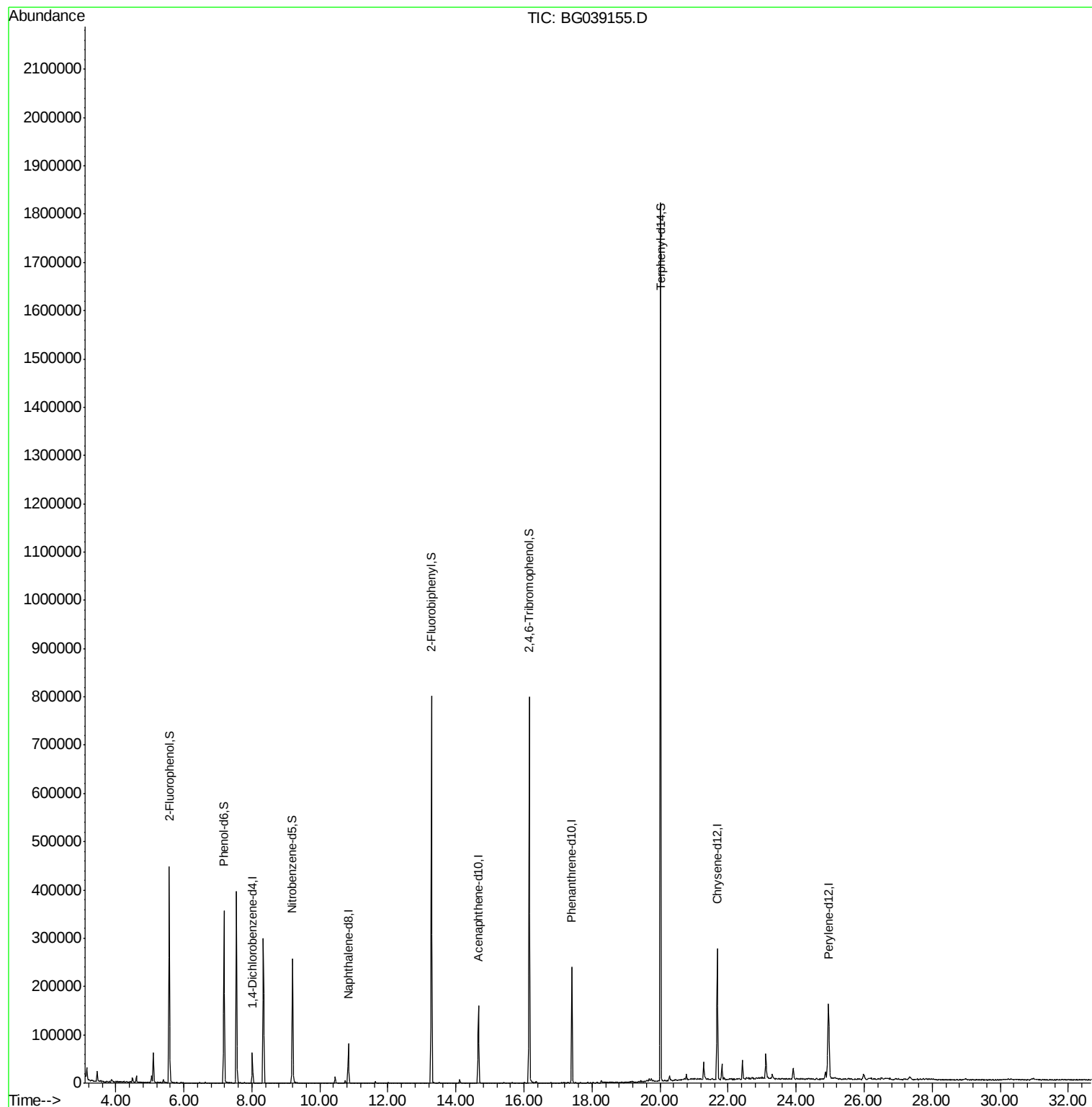
Target Compounds Qvalue

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

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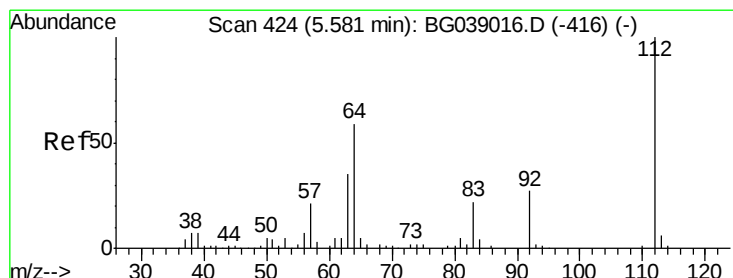
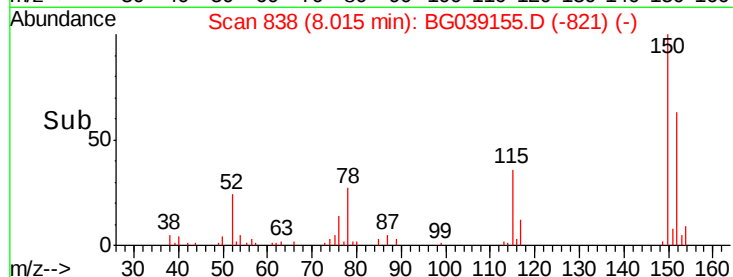
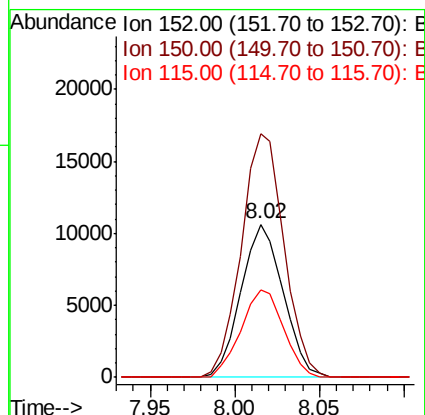
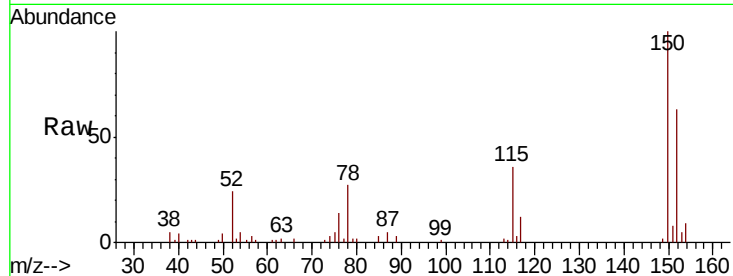


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039155.D
Acq: 16 Jan 2019 13:46

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-A

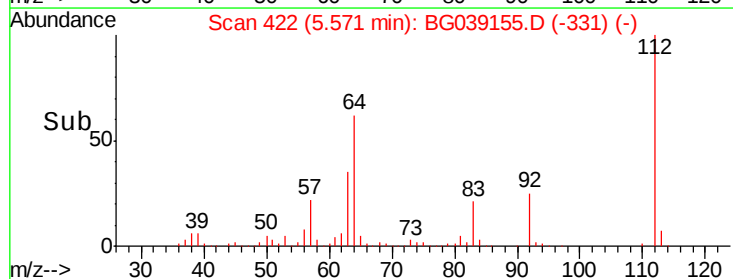
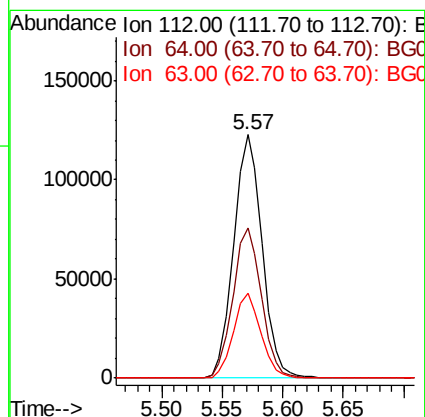
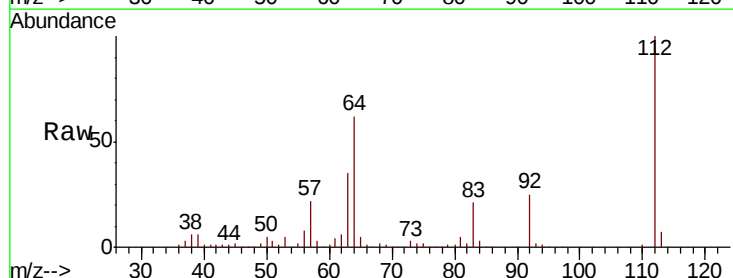
Tot Ion:152 Resp: 18377
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 56.7 46.5 69.7



#5

2-Fluorophenol
Concen: 207.931 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039155.D
Acq: 16 Jan 2019 13:46

Tgt Ion:112 Resp: 201433
Ion Ratio Lower Upper
112 100
64 61.6 47.0 70.6
63 34.8 28.0 42.0





#7

Phenol-d6

Concen: 152.542 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039155.D

Acq: 16 Jan 2019 13:46

Instrument :

BNA_G

ClientSampleId :

SU-02-011119-A

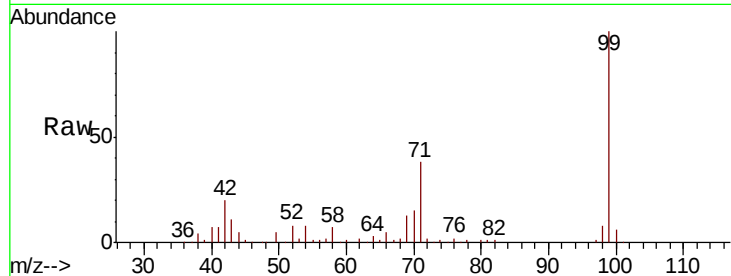
Tot Ion: 99 Resp: 212668

Ion Ratio Lower Upper

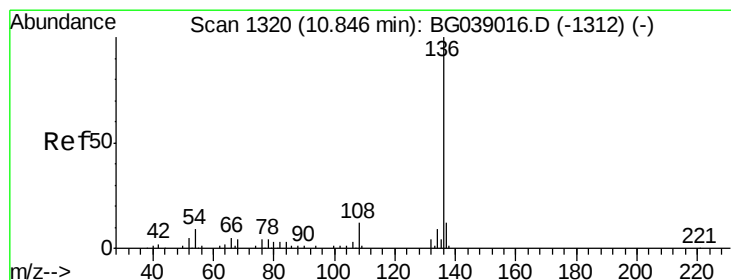
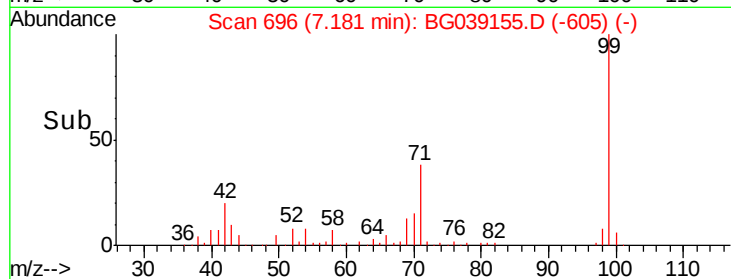
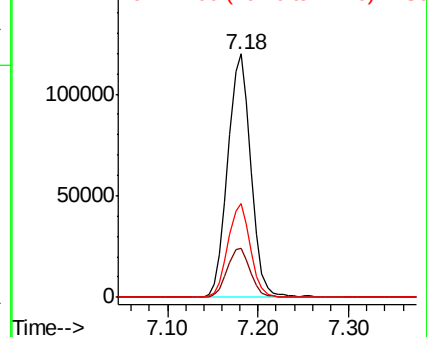
99 100

42 20.3 15.8 23.6

71 38.5 30.2 45.4



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: 10.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG039155.D

Acq: 16 Jan 2019 13:46

Tgt Ion: 136 Resp: 76731

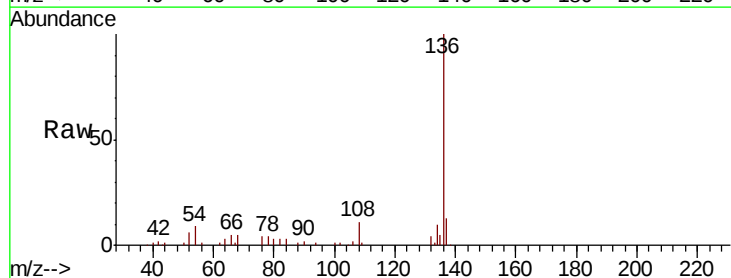
Ion Ratio Lower Upper

136 100

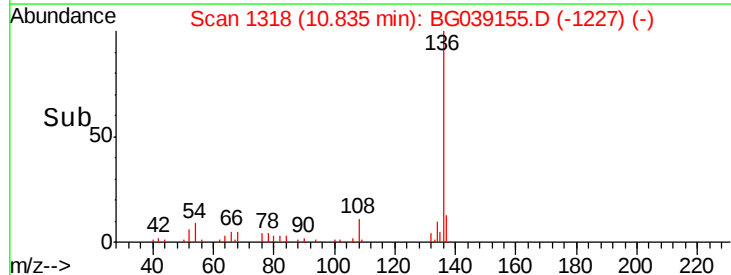
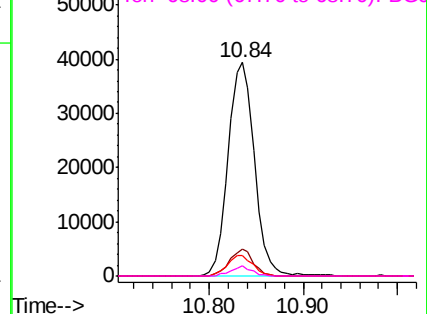
137 12.6 9.4 14.2

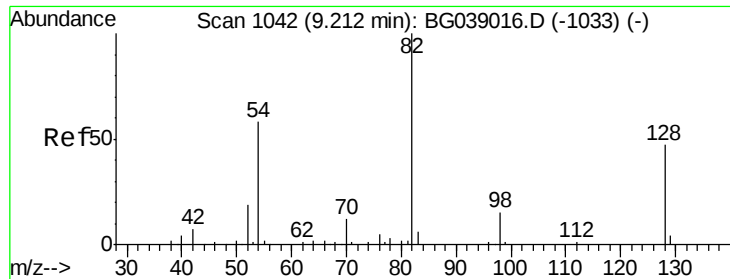
54 9.4 7.2 10.8

68 4.8 3.5 5.3



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

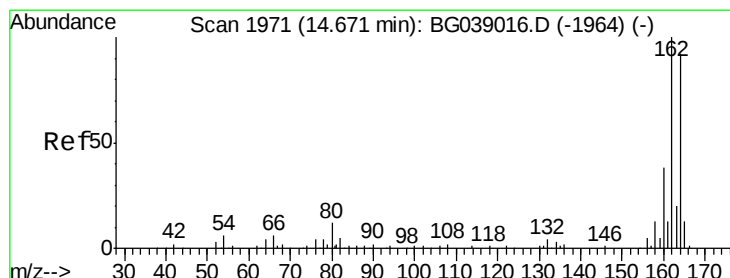
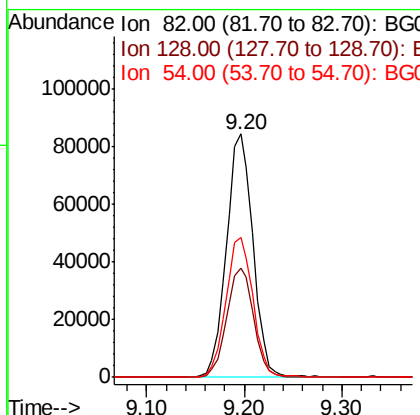
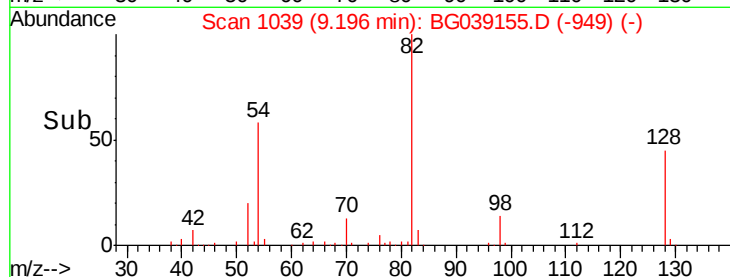
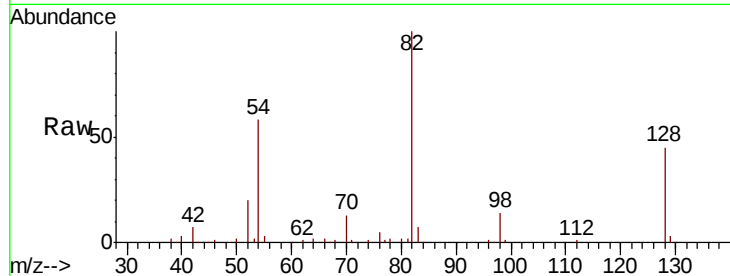




#23
 Nitrobenzene-d5
 Concen: 113.454 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG039155.D
 Acq: 16 Jan 2019 13:46

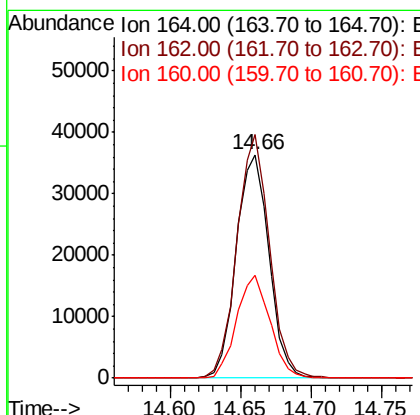
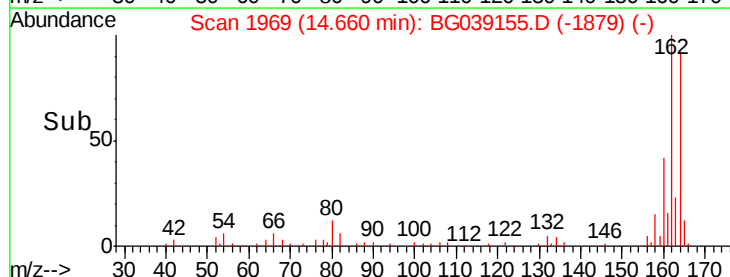
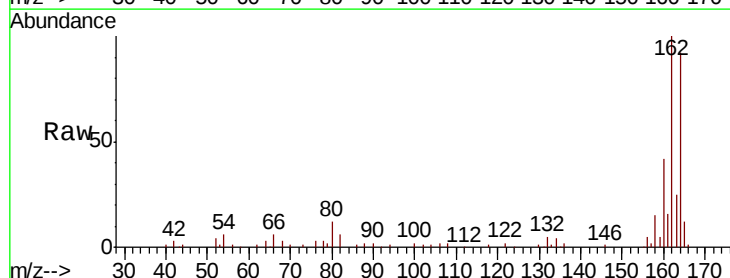
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-A

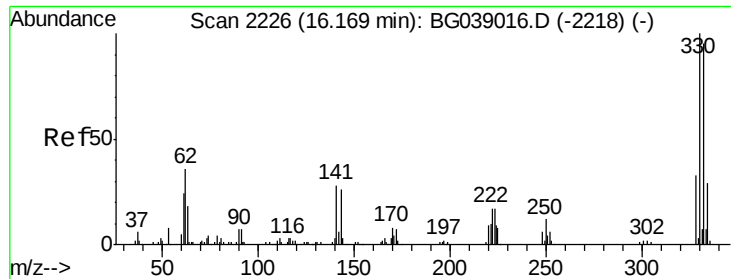
Tot Ion: 82 Resp: 159092
 Ion Ratio Lower Upper
 82 100
 128 45.0 37.3 55.9
 54 57.5 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG039155.D
 Acq: 16 Jan 2019 13:46

Tgt Ion: 164 Resp: 59060
 Ion Ratio Lower Upper
 164 100
 162 109.1 87.2 130.8
 160 45.9 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 178.523 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039155.D

Acq: 16 Jan 2019 13:46

Instrument :

BNA_G

ClientSampleId :

SU-02-011119-A

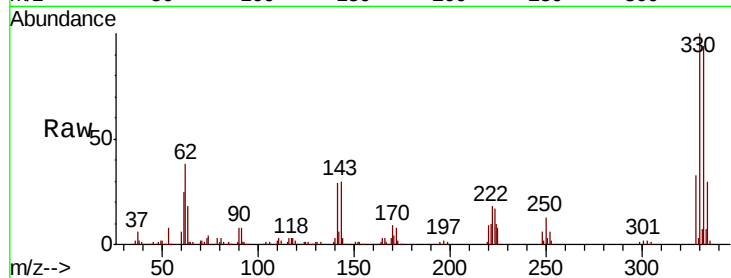
Tot Ion:330 Resp: 176739

Ion Ratio Lower Upper

330 100

332 93.7 75.7 113.5

141 30.7 24.9 37.3

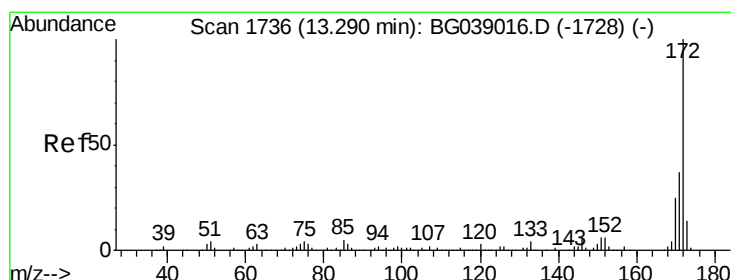
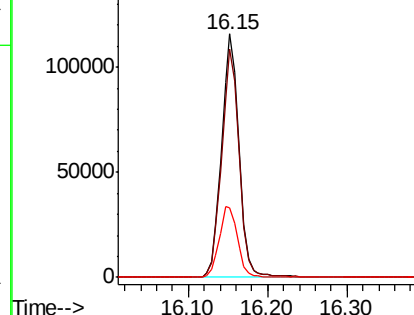
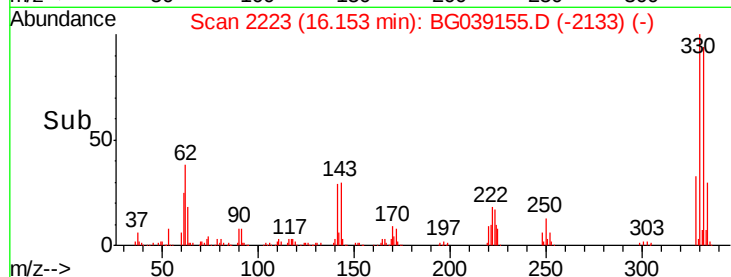


Abundance

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: 104.504 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG039155.D

Acq: 16 Jan 2019 13:46

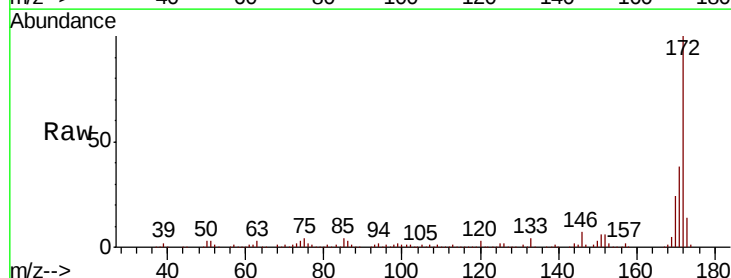
Tgt Ion:172 Resp: 450985

Ion Ratio Lower Upper

172 100

171 37.6 29.4 44.0

170 24.4 20.1 30.1

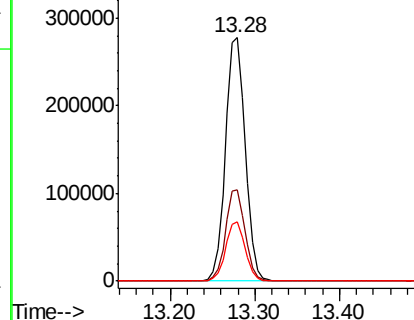
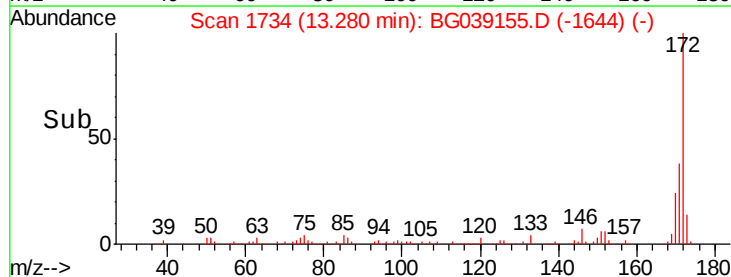


Abundance

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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG039155.D

Acq: 16 Jan 2019 13:46

Instrument :

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ClientSampleId :

SU-02-011119-A

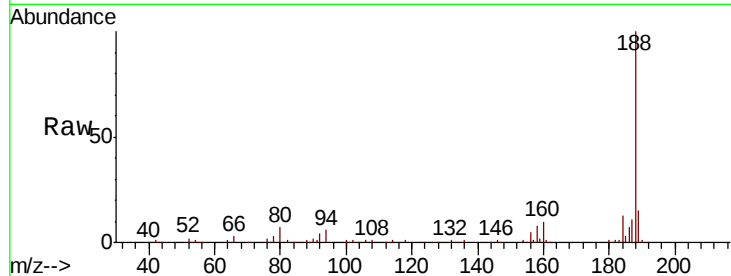
Tot Ion:188 Resp: 164277

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

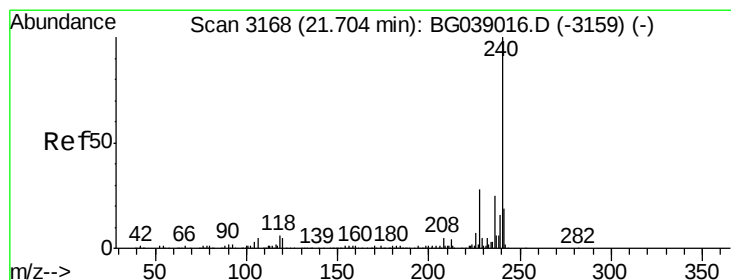
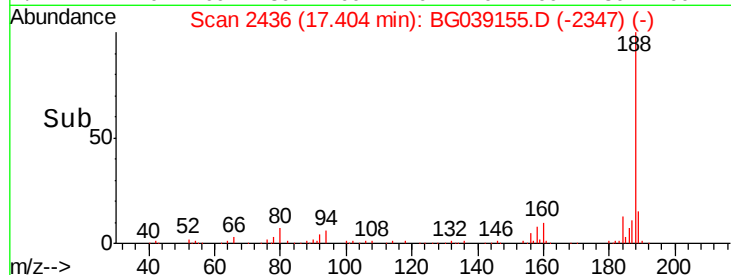
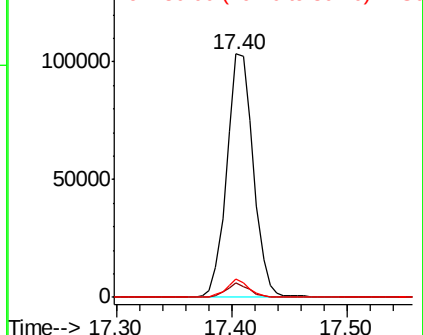
80 7.3 4.7 7.1#



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: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG039155.D

Acq: 16 Jan 2019 13:46

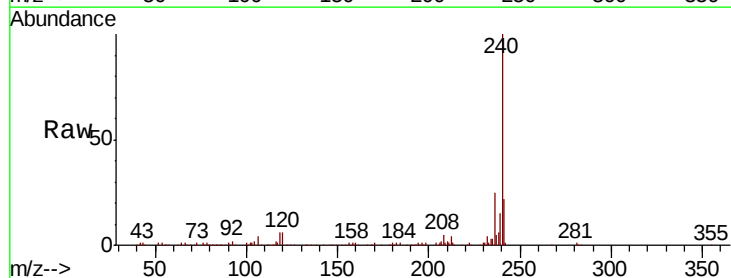
Tgt Ion:240 Resp: 173862

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

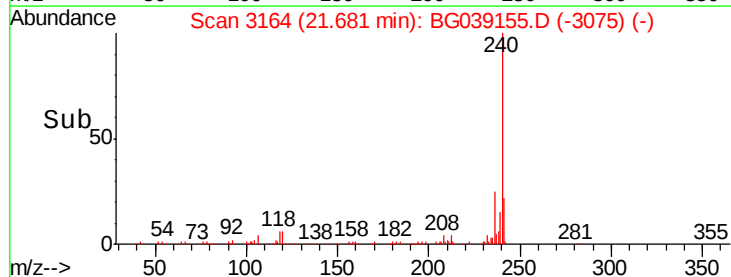
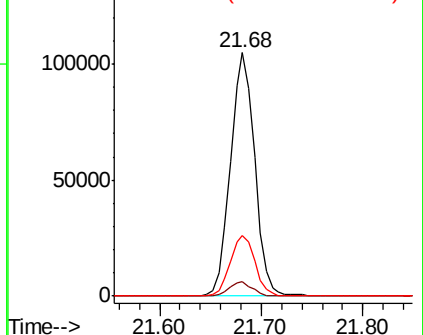
236 24.9 20.1 30.1

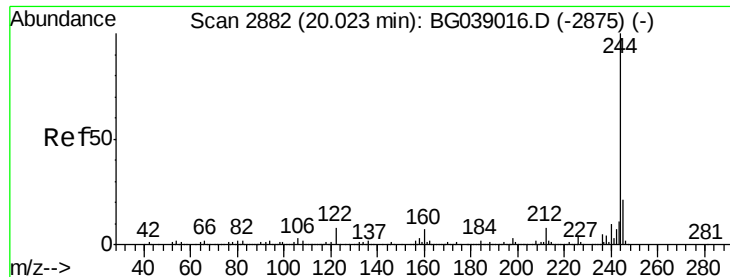


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.574 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG039155.D

Acq: 16 Jan 2019 13:46

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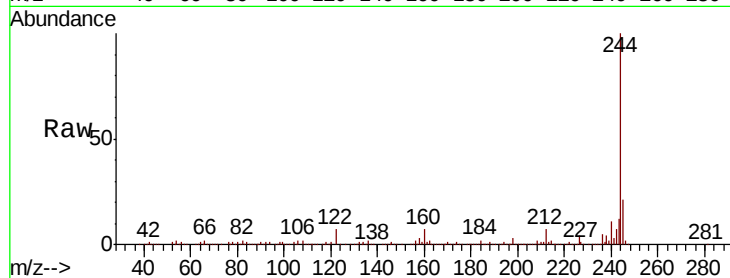
Tot Ion:244 Resp: 917052

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

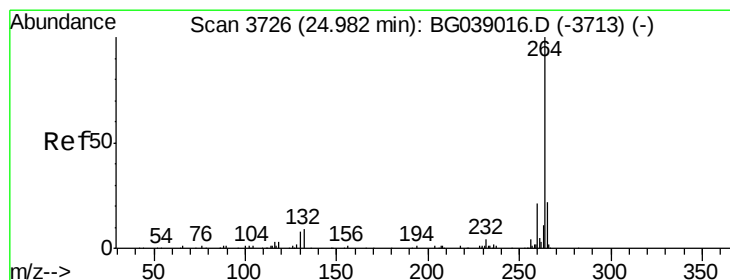
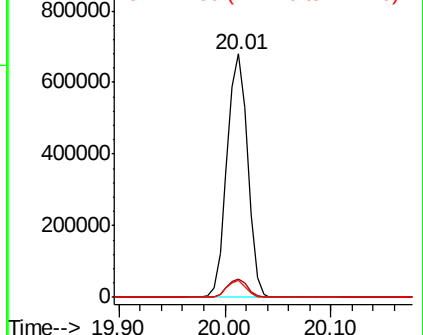
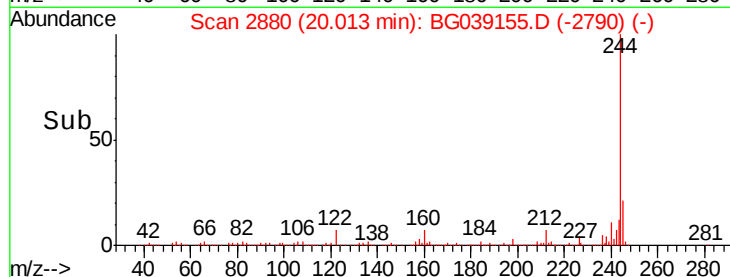
122 6.9 6.1 9.1



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: 24.95 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BG039155.D

Acq: 16 Jan 2019 13:46

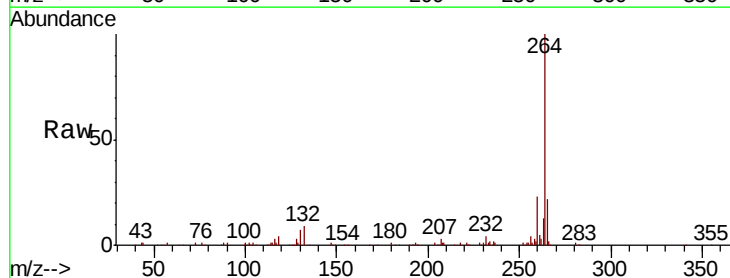
Tgt Ion:264 Resp: 193417

Ion Ratio Lower Upper

264 100

260 22.7 17.0 25.6

265 21.5 17.2 25.8



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

