

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039162.D
 Acq On : 16 Jan 2019 18:18
 Operator : JU/SJ
 Sample : K1139-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-8

Quant Time: Jan 17 04:12:28 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 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	19115	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	79984	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	58120	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	153550	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	180216	20.00	ng	-0.02
87) Perylene-d12	24.94	264	224255	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	161671	160.44	ng	-0.01
7) Phenol-d6	7.18	99	200362	138.17	ng	-0.01
23) Nitrobenzene-d5	9.20	82	154499	105.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	144684	148.51	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	410173	96.58	ng	-0.01
79) Terphenyl-d14	20.01	244	856302	87.90	ng	-0.01

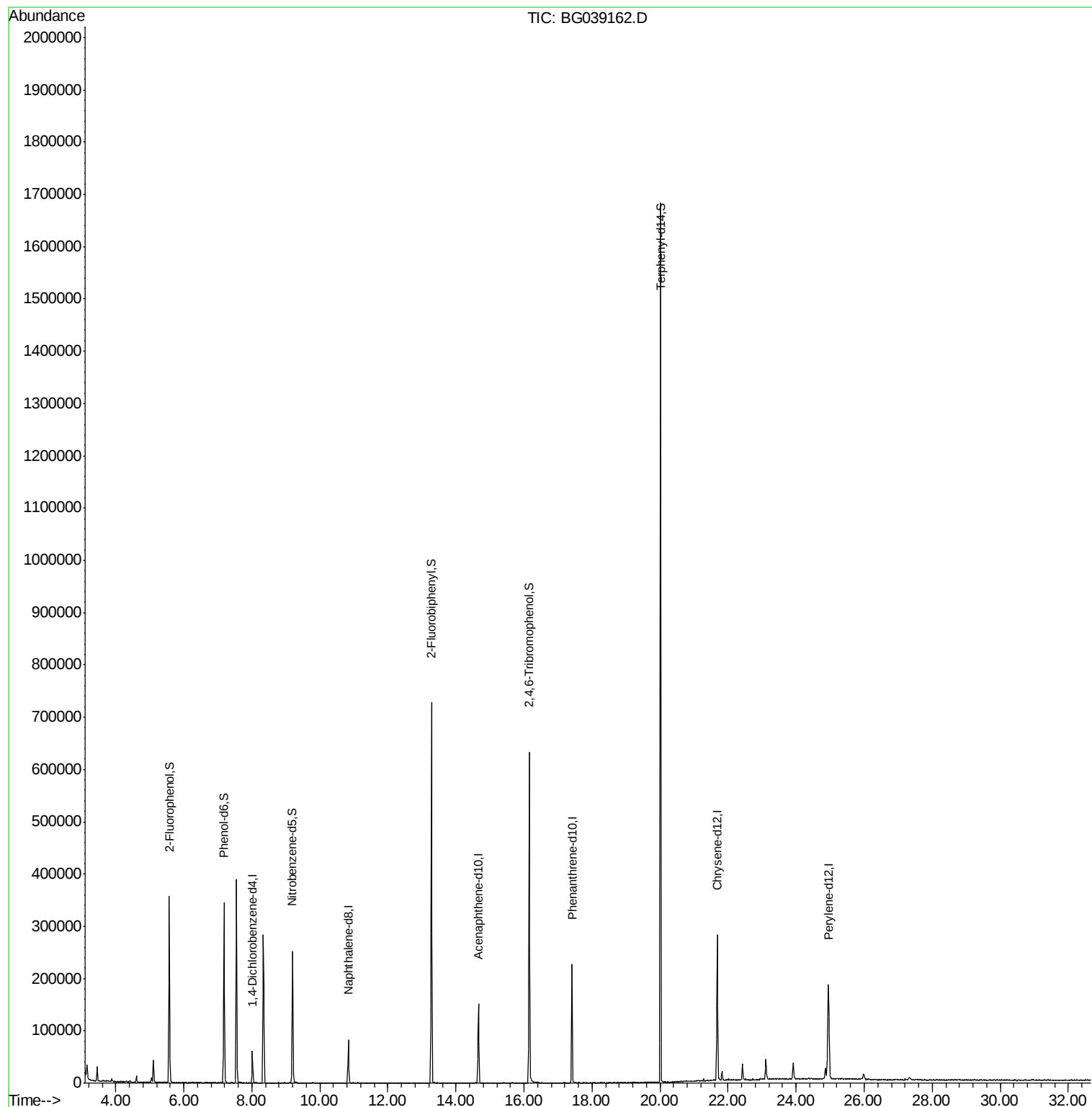
Target Compounds Qvalue

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

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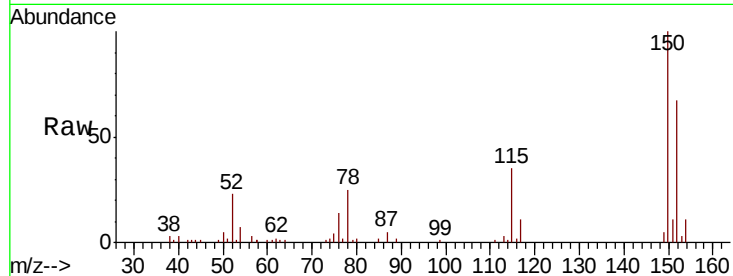




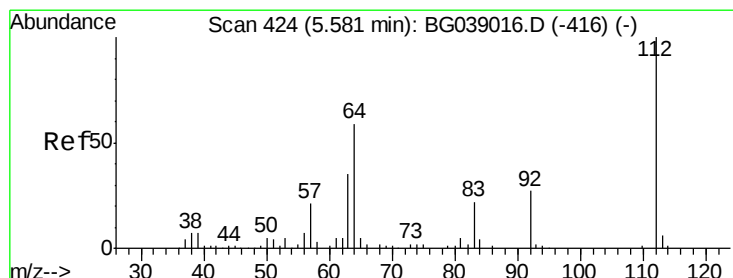
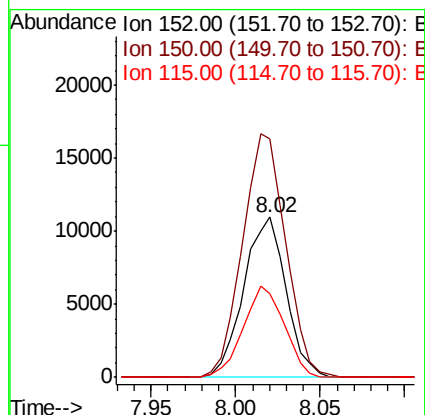
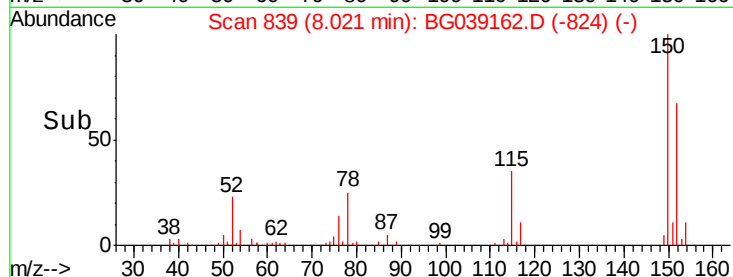
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

Instrument :
 BNA_G
 ClientSampled :
 S-8

Tot Ion:152 Resp: 19115
 Ion Ratio Lower Upper
 152 100
 150 149.0 124.7 187.1
 115 52.1 46.5 69.7

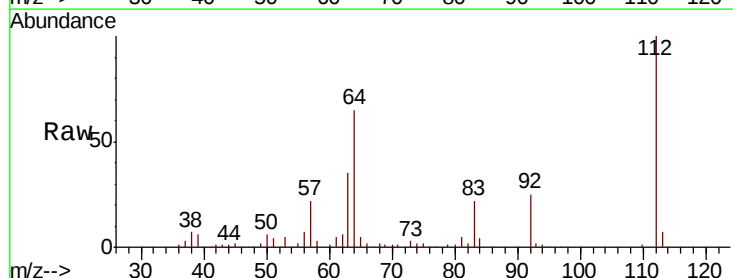


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

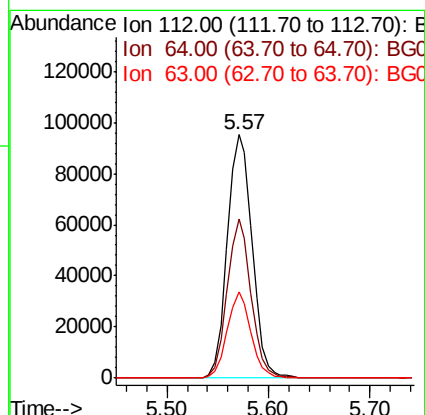
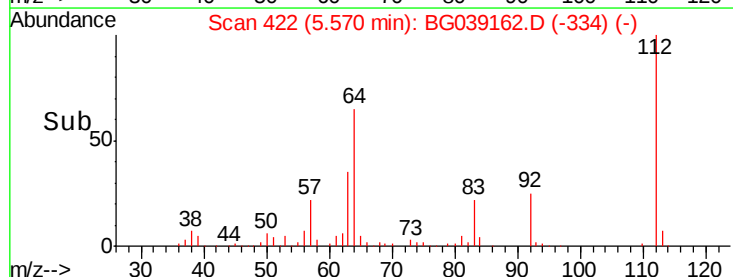


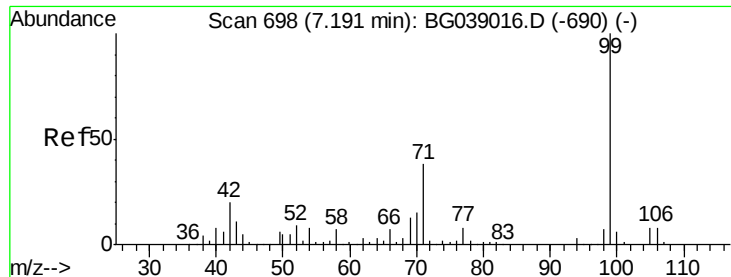
#5
 2-Fluorophenol
 Concen: 160.443 ng
 RT: 5.57 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

Tgt Ion:112 Resp: 161671
 Ion Ratio Lower Upper
 112 100
 64 65.3 47.0 70.6
 63 35.3 28.0 42.0



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: 138.167 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

Instrument :

BNA_G

ClientSampleId :

S-8

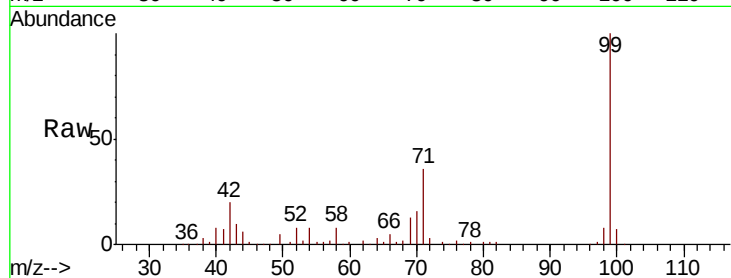
Tot Ion: 99 Resp: 200362

Ion Ratio Lower Upper

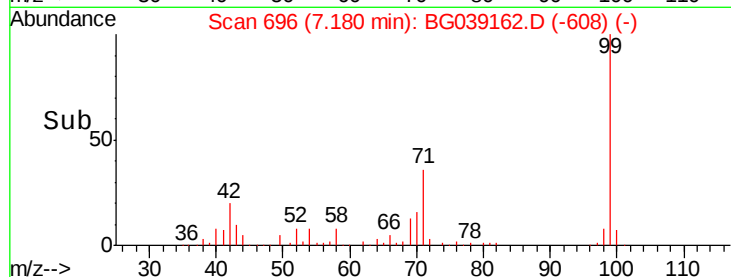
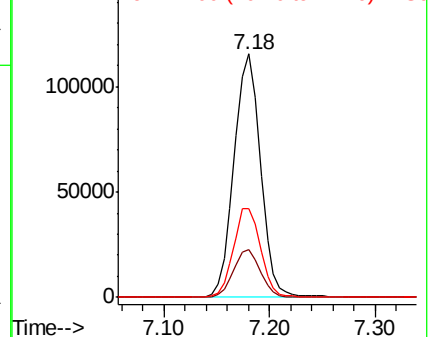
99 100

42 19.8 15.8 23.6

71 36.4 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: 10.83 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

Tgt Ion: 136 Resp: 79984

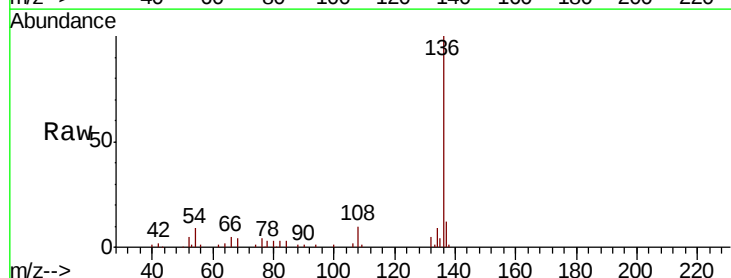
Ion Ratio Lower Upper

136 100

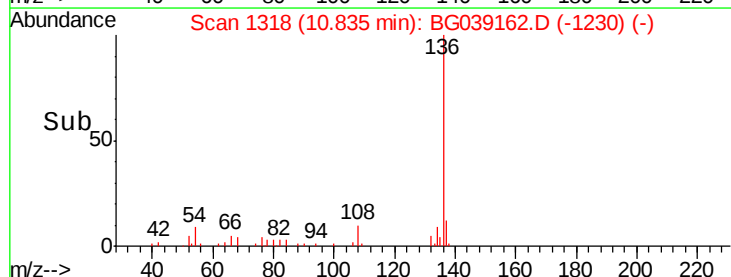
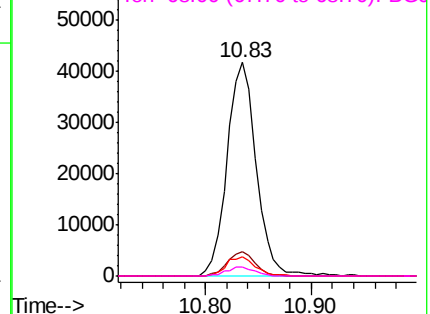
137 11.6 9.4 14.2

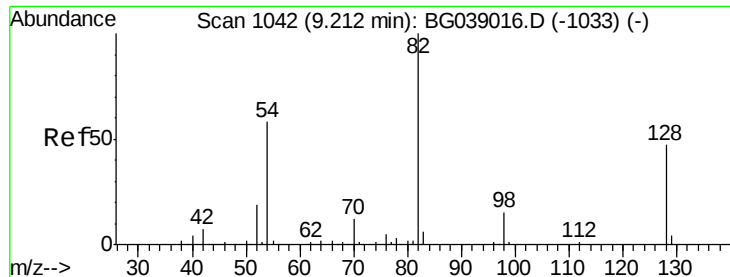
54 9.3 7.2 10.8

68 4.0 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

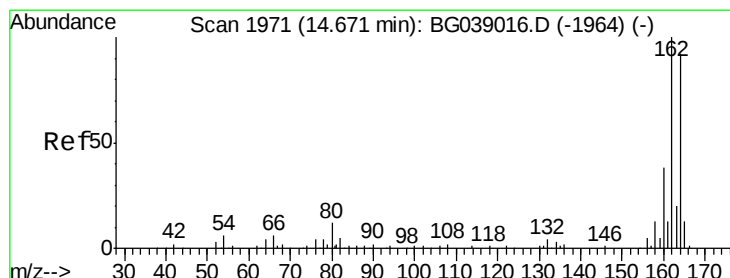
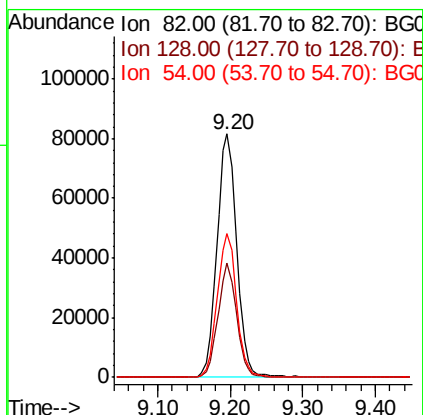
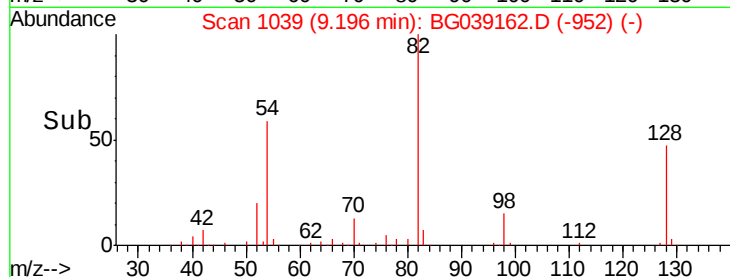
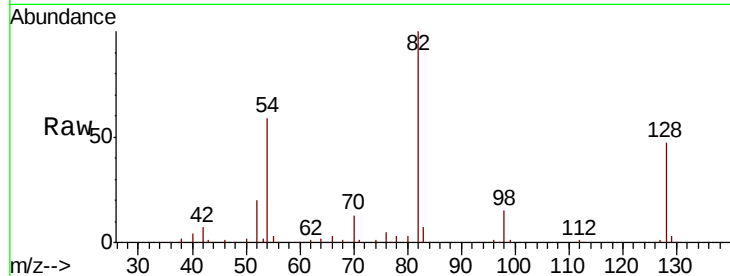




#23
Nitrobenzene-d5
Concen: 105.697 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039162.D
Acq: 16 Jan 2019 18:18

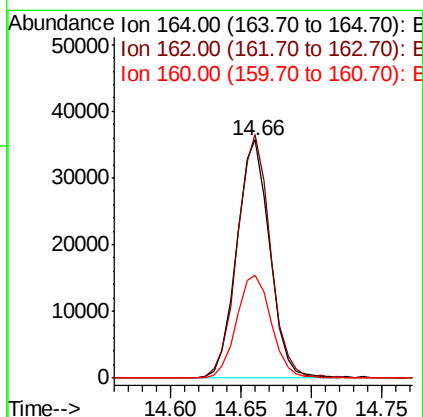
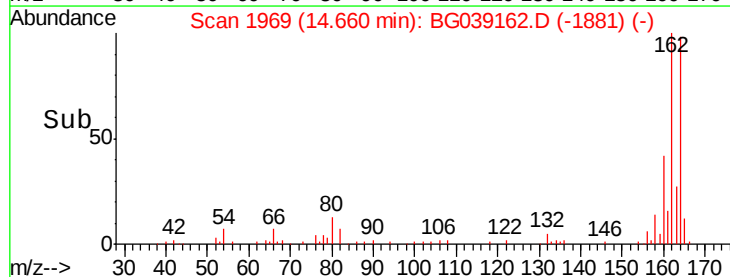
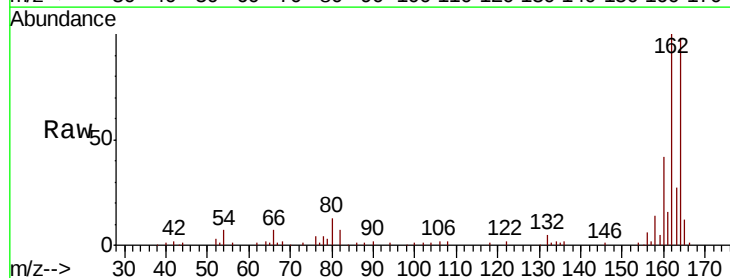
Instrument :
BNA_G
ClientSampled :
S-8

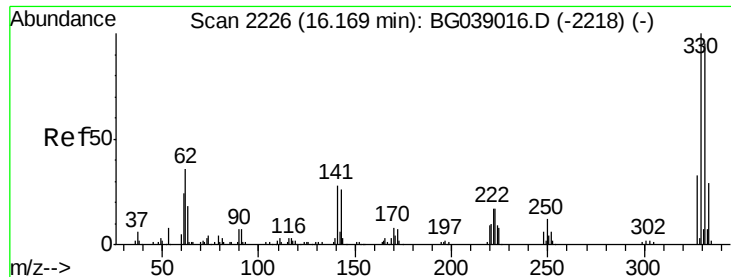
Tot Ion: 82 Resp: 154499
Ion Ratio Lower Upper
82 100
128 46.8 37.3 55.9
54 58.8 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG039162.D
Acq: 16 Jan 2019 18:18

Tgt Ion:164 Resp: 58120
Ion Ratio Lower Upper
164 100
162 102.2 87.2 130.8
160 43.3 33.3 49.9

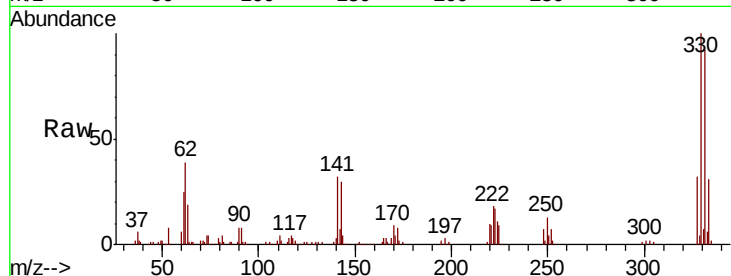




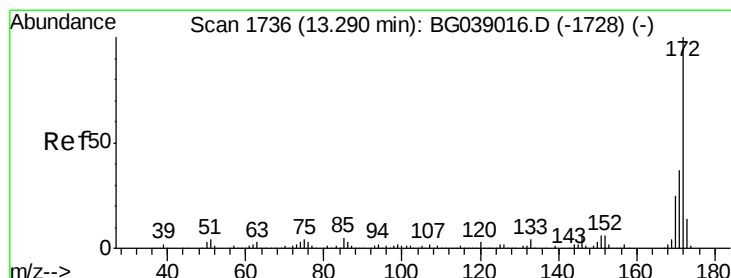
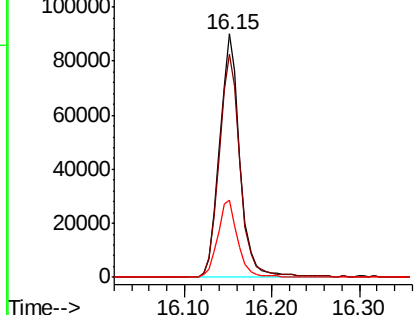
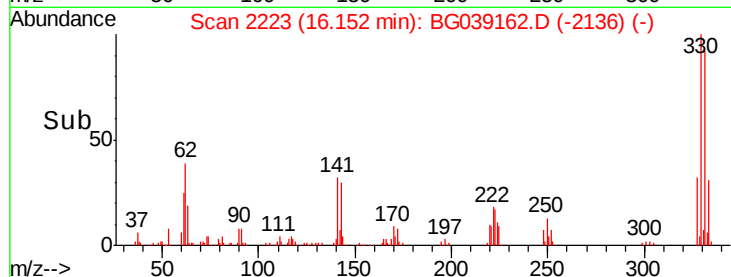
#42
 2,4,6-Tribromophenol
 Concen: 148.508 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :
 S-8

Tot Ion:330 Resp: 144684
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.7 113.5
 141 31.2 24.9 37.3

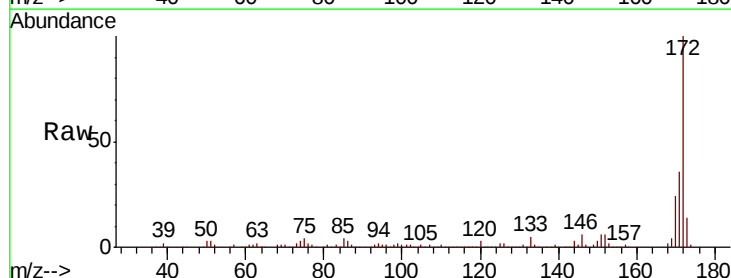


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

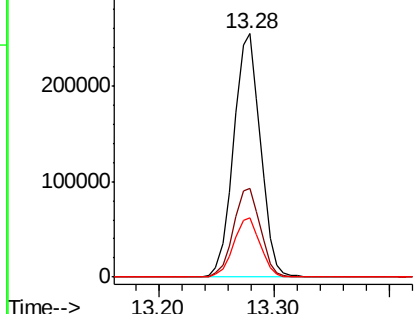
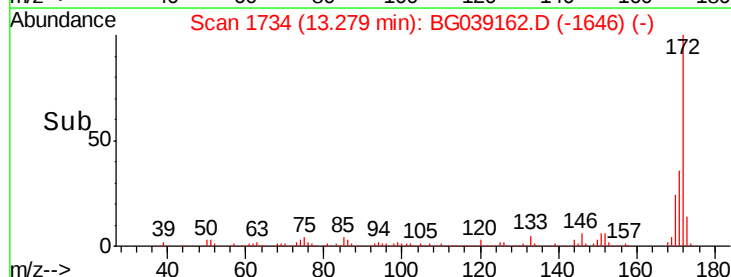


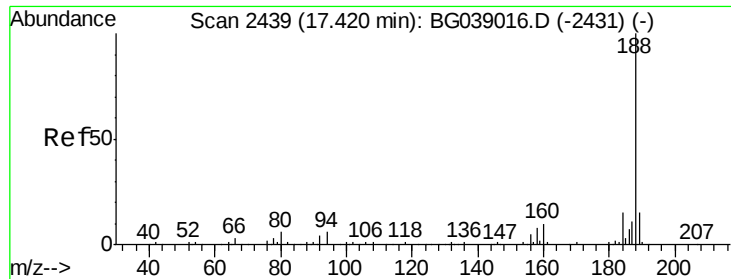
#45
 2-Fluorobiphenyl
 Concen: 96.584 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

Tgt Ion:172 Resp: 410173
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

Instrument :

BNA_G

ClientSampleId :

S-8

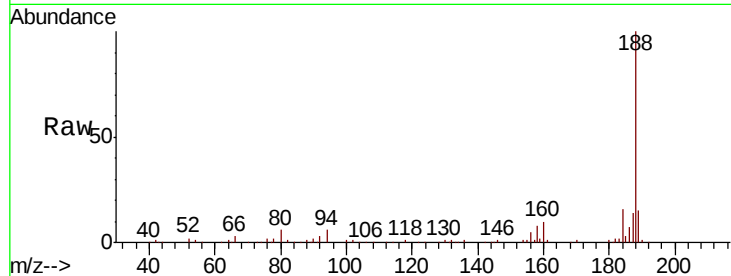
Tot Ion:188 Resp: 153550

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

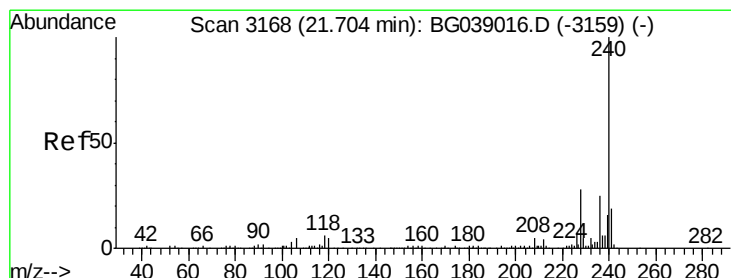
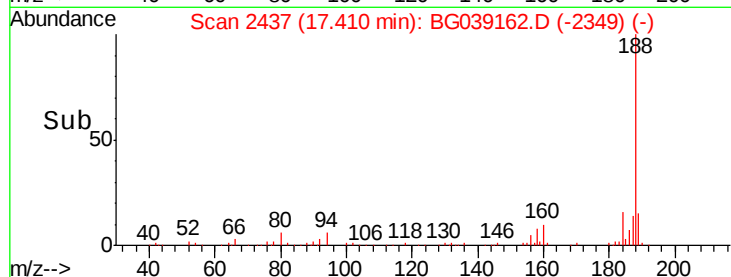
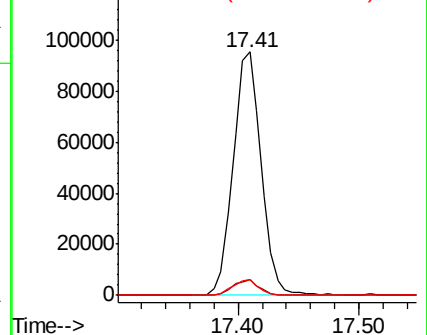
80 6.4 4.7 7.1



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: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

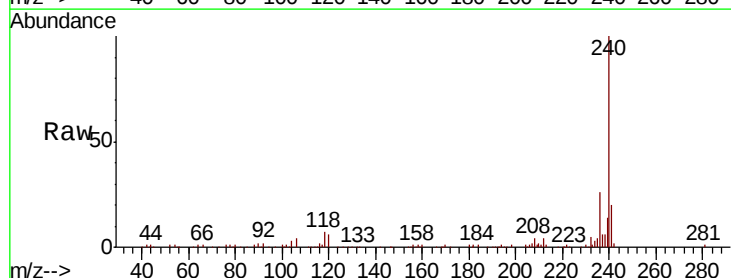
Tgt Ion:240 Resp: 180216

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

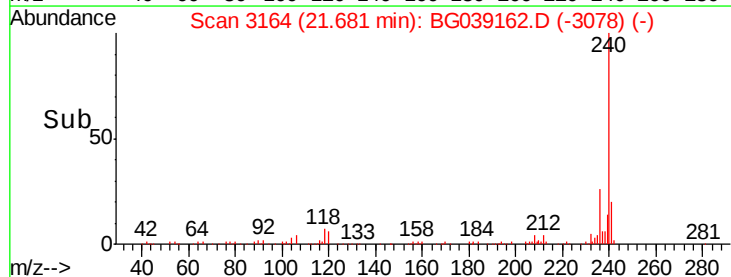
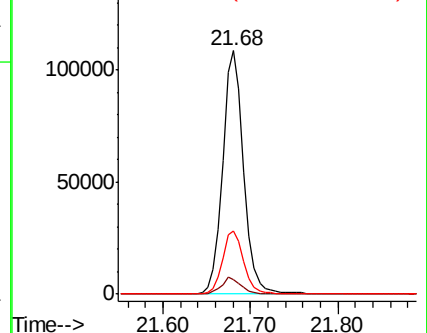
236 25.9 20.1 30.1

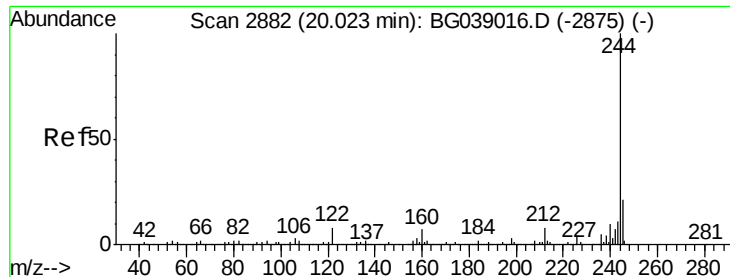


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.898 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

Instrument :

BNA_G

ClientSampleId :

S-8

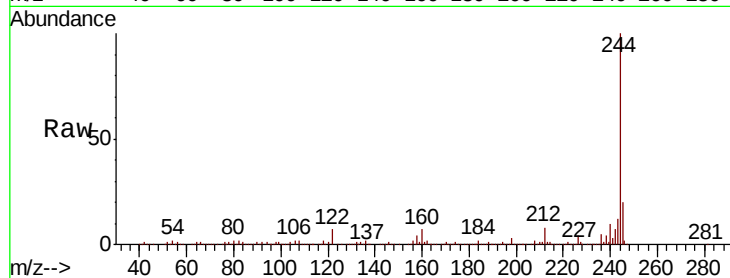
Tot Ion:244 Resp: 856302

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

20.01

800000

600000

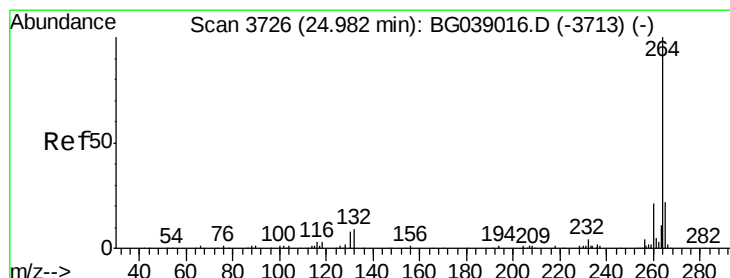
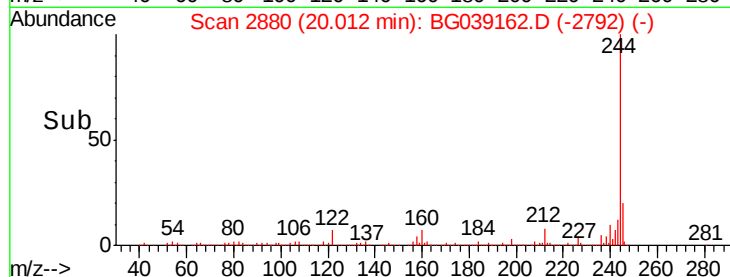
400000

200000

0

20.00 20.10

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.04 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

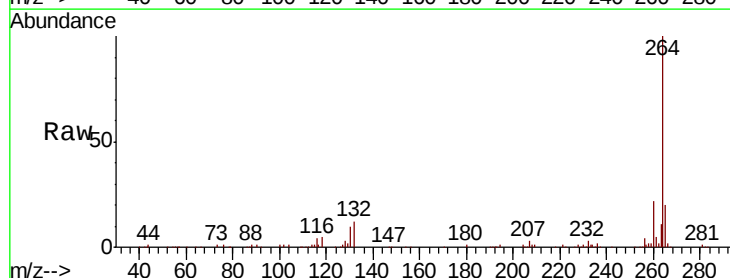
Tgt Ion:264 Resp: 224255

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

265 20.4 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

24.94

100000

80000

60000

40000

20000

0

24.80 24.90 25.00 25.10

Time-->

