

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039182.D
 Acq On : 17 Jan 2019 7:26
 Operator : JU/SJ
 Sample : PB116427TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116427TB

Quant Time: Jan 17 08:21:22 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	8.01	152	21390	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	81631	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	62224	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	194372	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	208423	20.00	ng	-0.03
87) Perylene-d12	24.94	264	242056	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	160831	142.63	ng	-0.02
7) Phenol-d6	7.18	99	206912	127.51	ng	-0.01
23) Nitrobenzene-d5	9.19	82	114853	76.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	116776	111.96	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	365686	80.43	ng	-0.02
79) Terphenyl-d14	20.01	244	777754	69.03	ng	-0.02

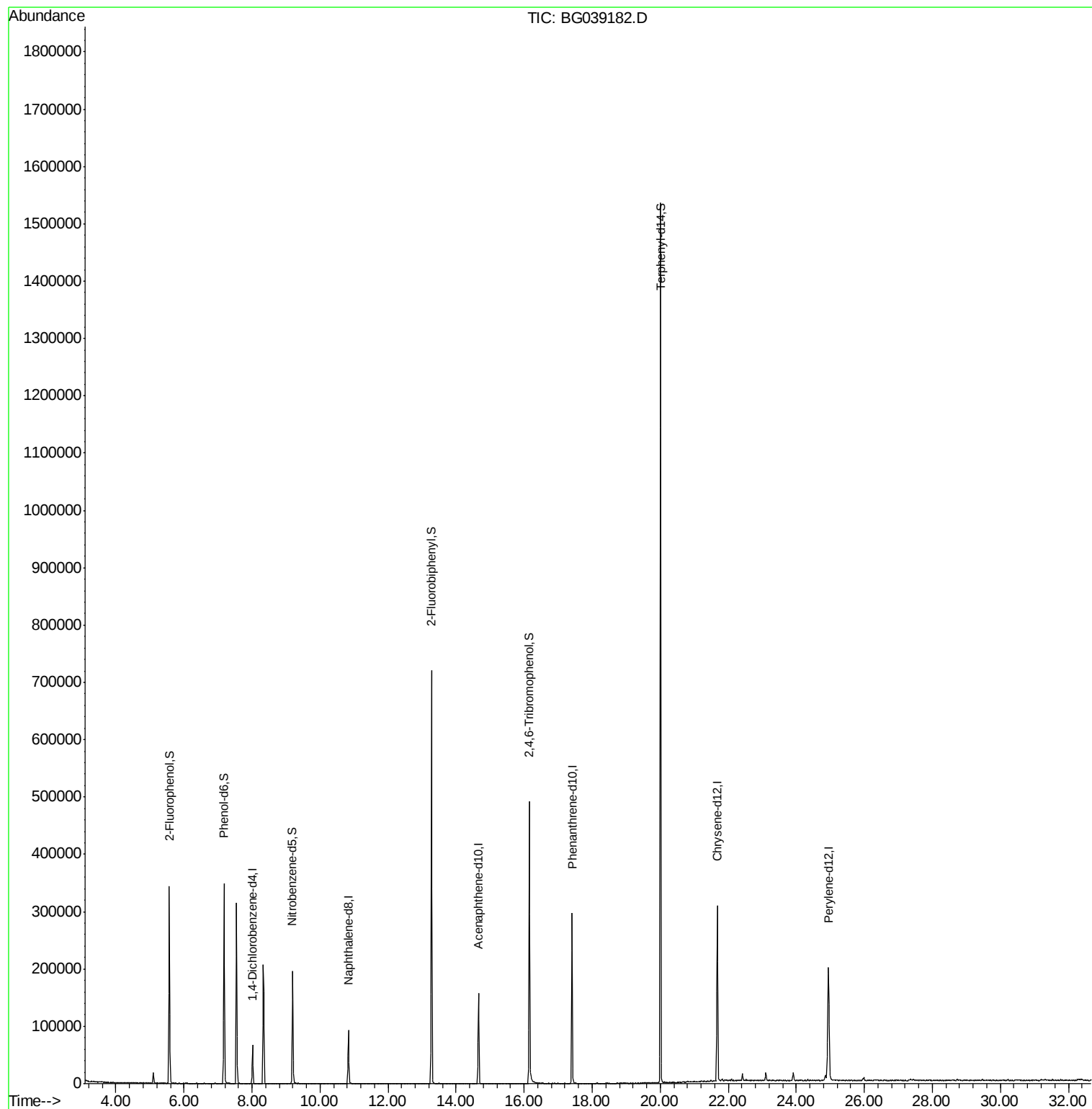
Target Compounds Qvalue

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

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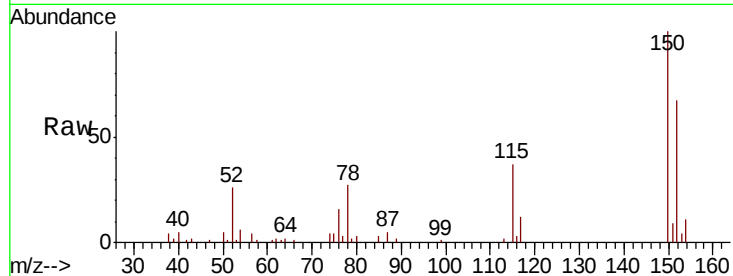


#1

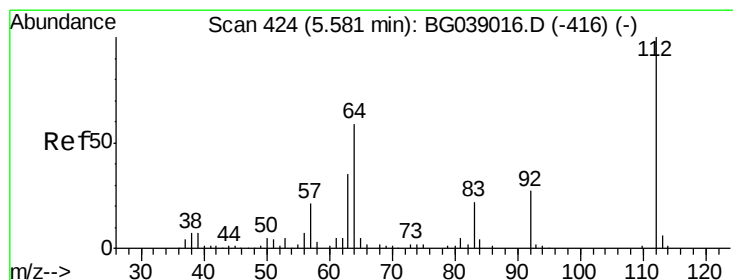
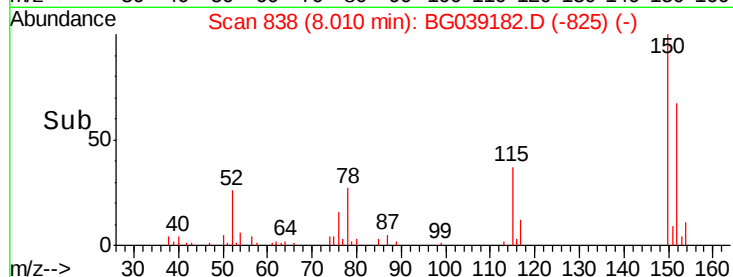
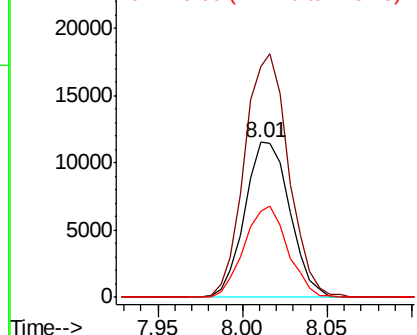
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039182.D
Acq: 17 Jan 2019 7:26

Instrument :
BNA_G
ClientSampleId :
PB116427TB

Tot Ion:152 Resp: 21390
Ion Ratio Lower Upper
152 100
150 148.8 124.7 187.1
115 55.3 46.5 69.7



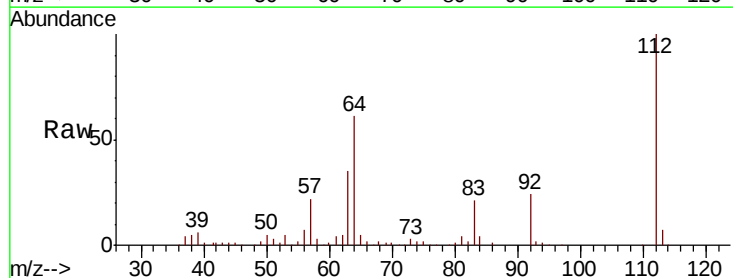
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



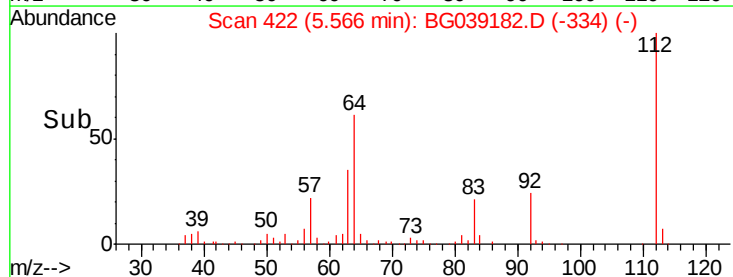
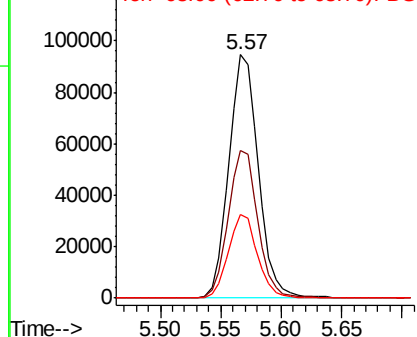
#5

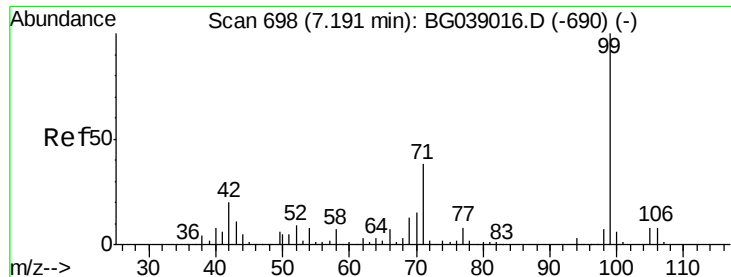
2-Fluorophenol
Concen: 142.634 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG039182.D
Acq: 17 Jan 2019 7:26

Tgt Ion:112 Resp: 160831
Ion Ratio Lower Upper
112 100
64 60.8 47.0 70.6
63 34.6 28.0 42.0



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: 127.508 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

Instrument :

BNA_G

ClientSampleId :

PB116427TB

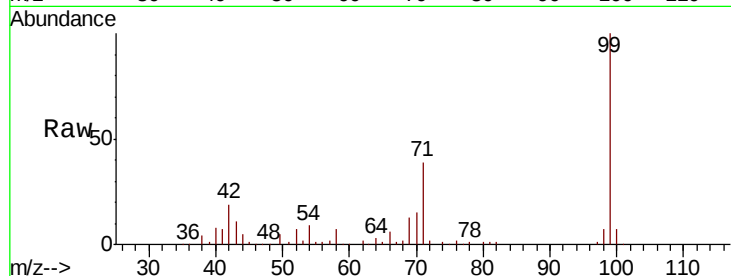
Tot Ion: 99 Resp: 206912

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

71 38.9 30.2 45.4

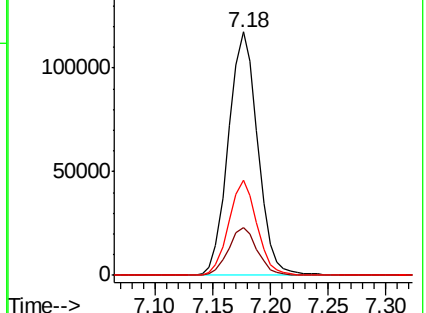
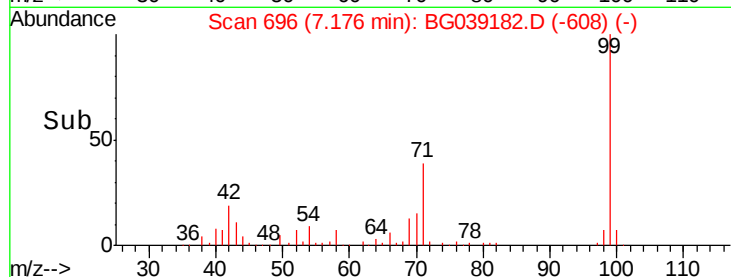


Abundance

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. -0.02 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

Tgt Ion: 136 Resp: 81631

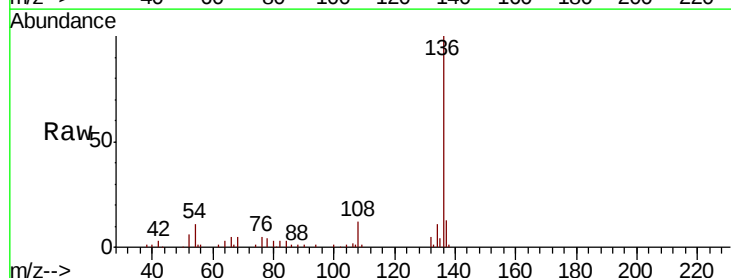
Ion Ratio Lower Upper

136 100

137 12.9 9.4 14.2

54 11.2 7.2 10.8#

68 4.6 3.5 5.3



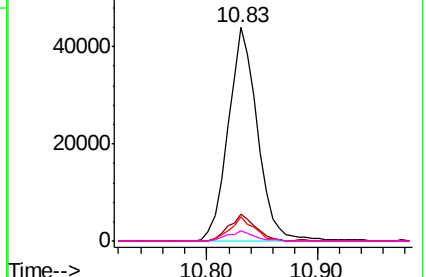
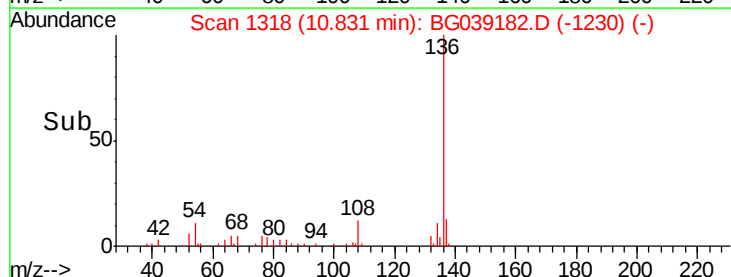
Abundance

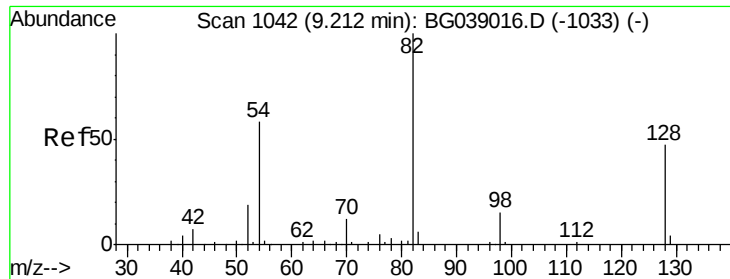
Ion 136.00 (135.70 to 136.70): BGC

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

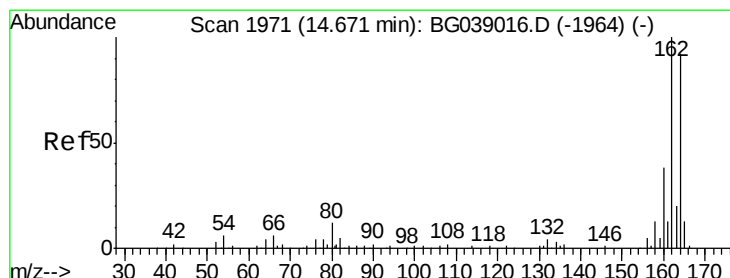
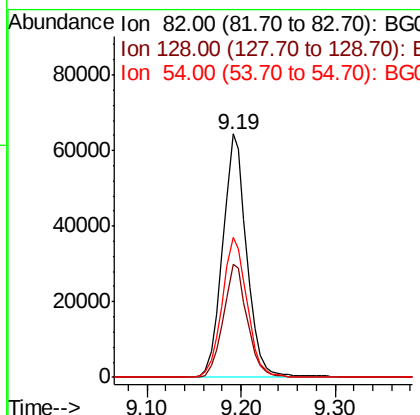
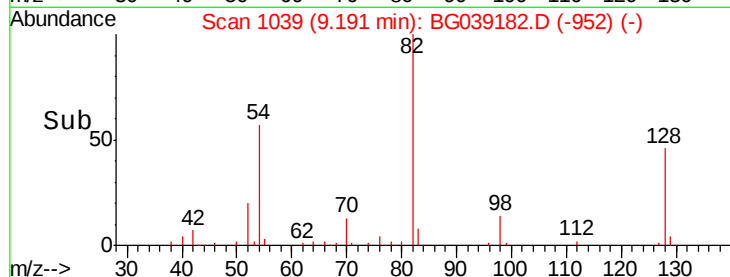
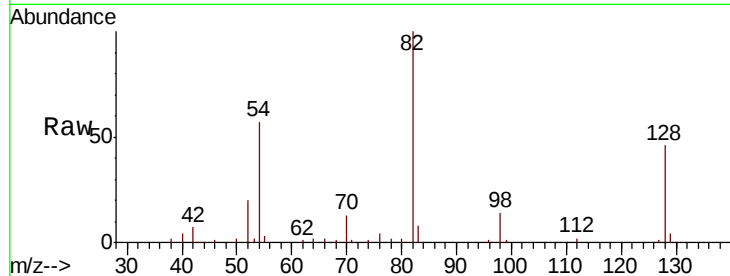




#23
 Nitrobenzene-d5
 Concen: 76.989 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039182.D
 Acq: 17 Jan 2019 7:26

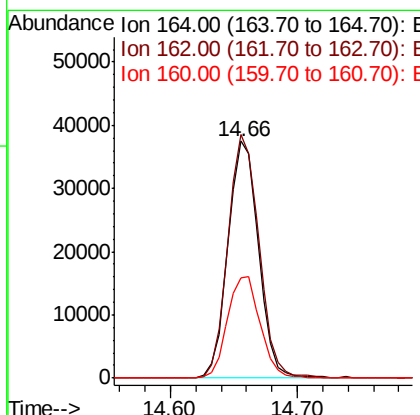
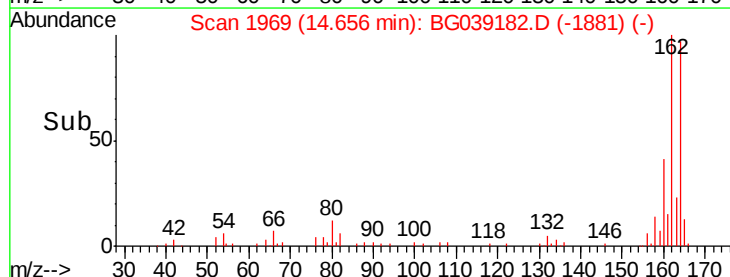
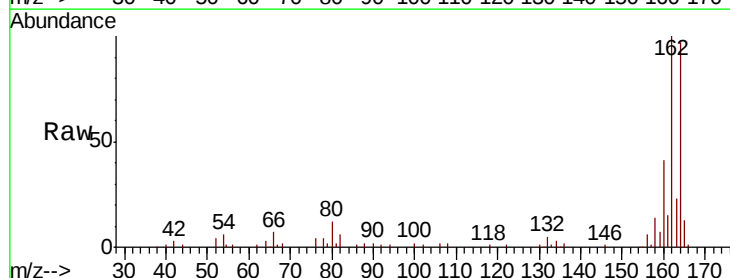
Instrument :
 BNA_G
 ClientSampleID :
 PB116427TB

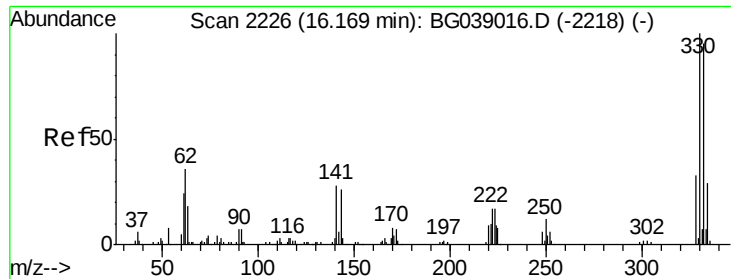
Tot Ion: 82 Resp: 114853
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.3 55.9
 54 57.2 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.02 min
 Lab File: BG039182.D
 Acq: 17 Jan 2019 7:26

Tgt Ion: 164 Resp: 62224
 Ion Ratio Lower Upper
 164 100
 162 102.9 87.2 130.8
 160 42.3 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 111.957 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

Instrument :

BNA_G

ClientSampleId :

PB116427TB

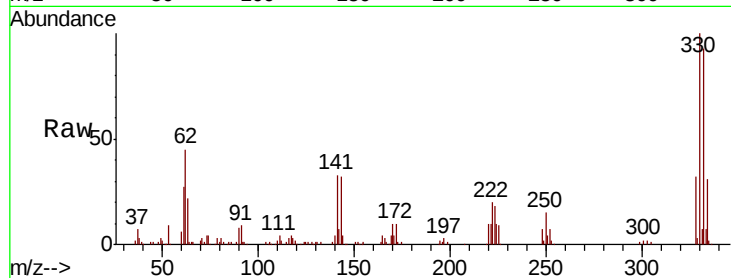
Tot Ion:330 Resp: 116776

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

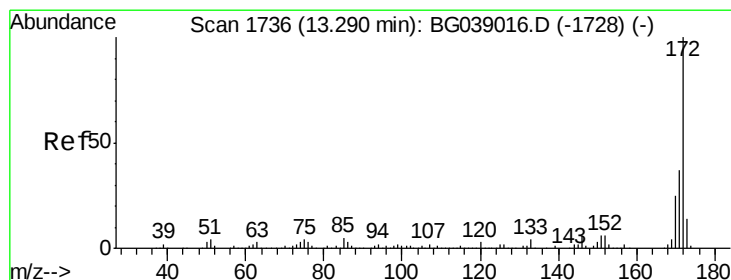
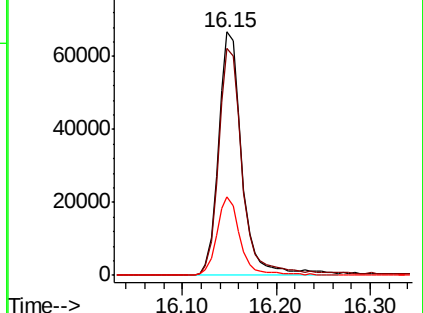
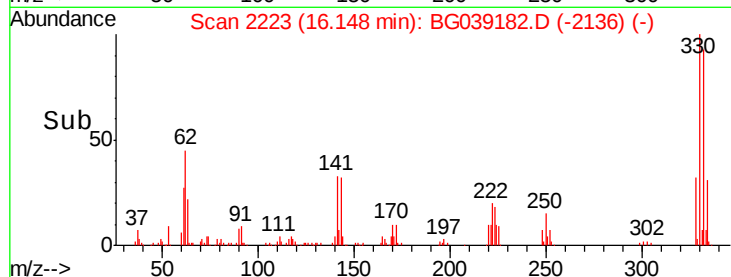
141 31.8 24.9 37.3



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: 80.430 ng

RT: 13.27 min Scan# 1734

Delta R.T. -0.02 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

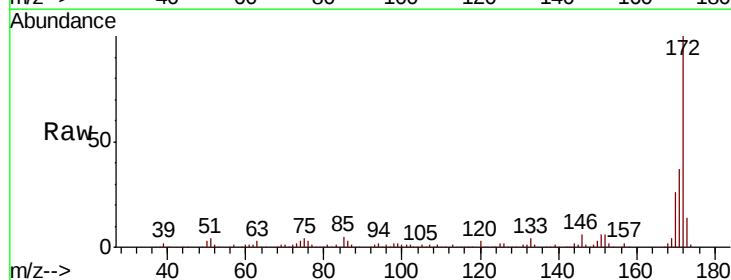
Tgt Ion:172 Resp: 365686

Ion Ratio Lower Upper

172 100

171 37.3 29.4 44.0

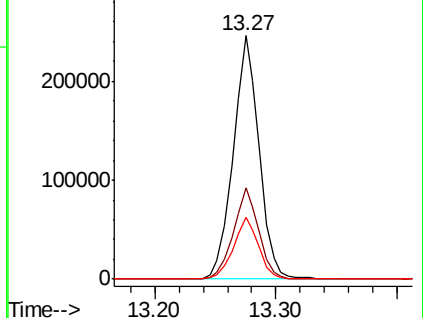
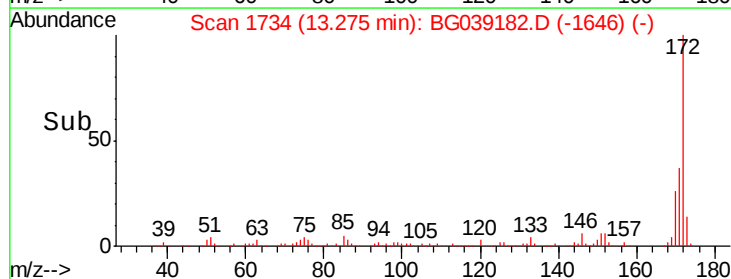
170 25.6 20.1 30.1



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. -0.02 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

Instrument :

BNA_G

ClientSampleId :

PB116427TB

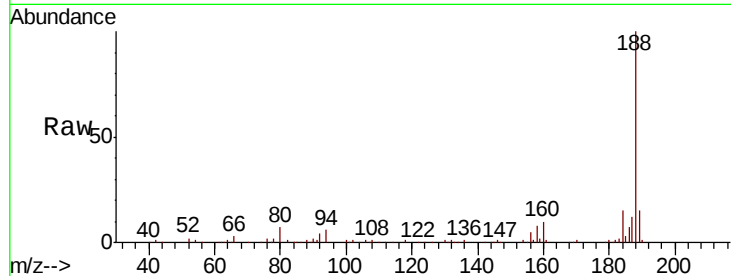
Tot Ion:188 Resp: 194372

Ion Ratio Lower Upper

188 100

94 6.4 5.0 7.4

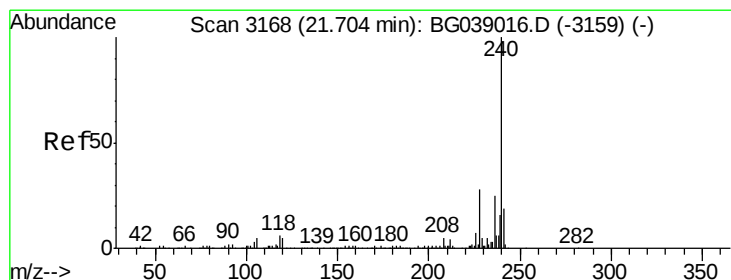
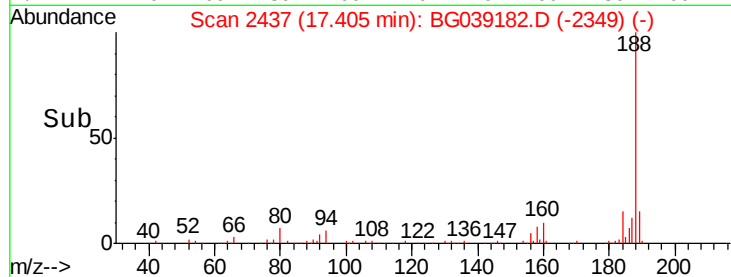
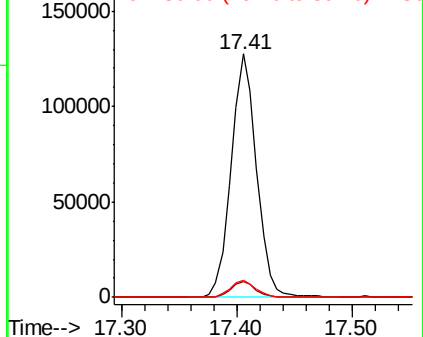
80 7.1 4.7 7.1#



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. -0.03 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

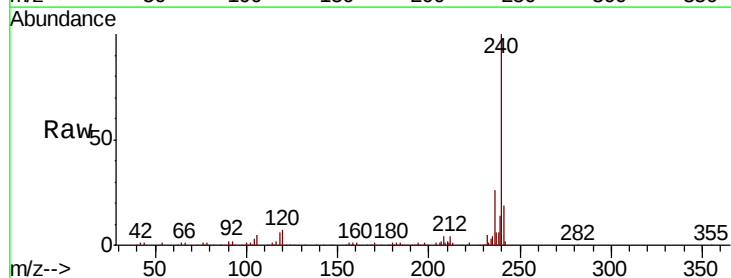
Tgt Ion:240 Resp: 208423

Ion Ratio Lower Upper

240 100

120 6.8 4.3 6.5#

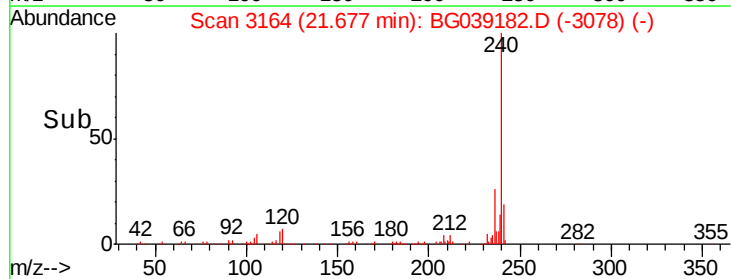
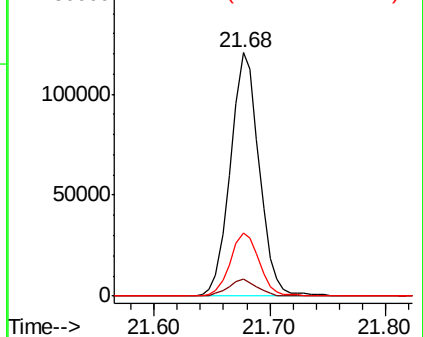
236 25.7 20.1 30.1

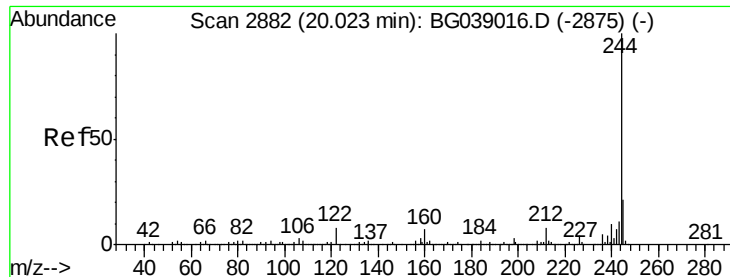


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.031 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.02 min

Lab File: BG039182.D

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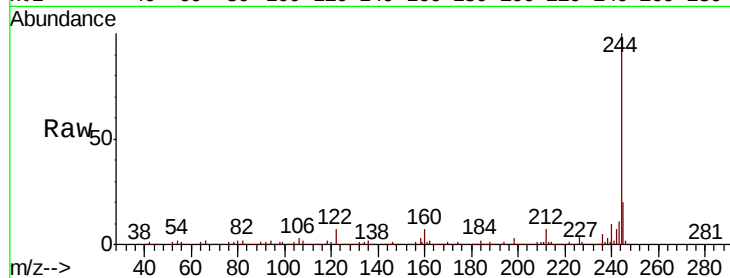
Tot Ion:244 Resp: 777754

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

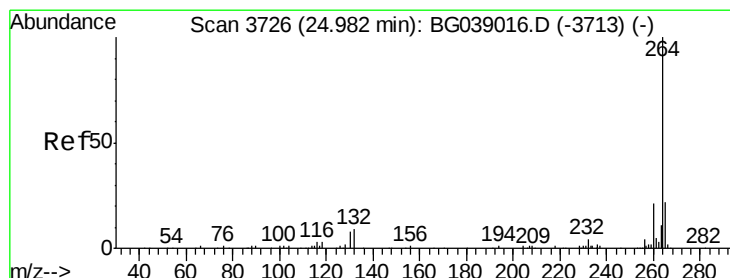
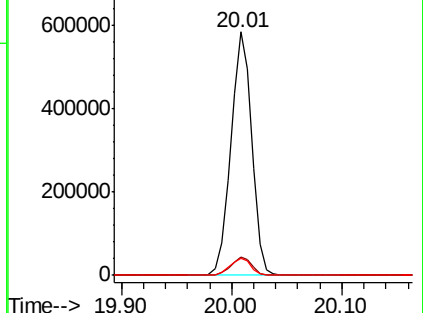
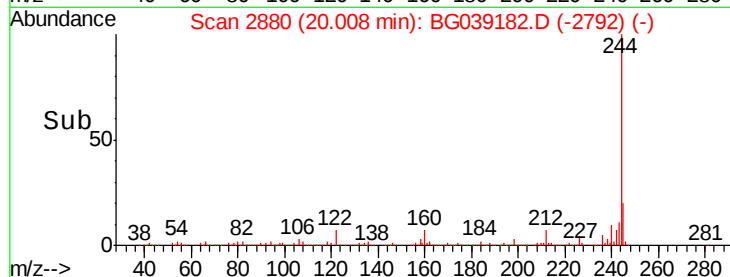
122 7.0 6.1 9.1



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: 24.94 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

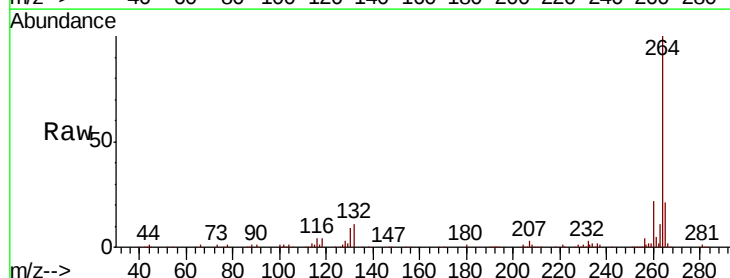
Tgt Ion:264 Resp: 242056

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

265 20.7 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

