

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039177.D
 Acq On : 17 Jan 2019 4:11
 Operator : JU/SJ
 Sample : K1010-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-A

Quant Time: Jan 17 05:47:05 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	19489	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	78227	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	64109	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	169057	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	186015	20.00	ng	-0.03
87) Perylene-d12	24.94	264	196077	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	139826	136.10	ng	-0.01
7) Phenol-d6	7.18	99	187871	127.07	ng	-0.01
23) Nitrobenzene-d5	9.19	82	155634	108.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	136495	127.01	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	404614	86.37	ng	-0.01
79) Terphenyl-d14	20.01	244	828521	82.40	ng	-0.01

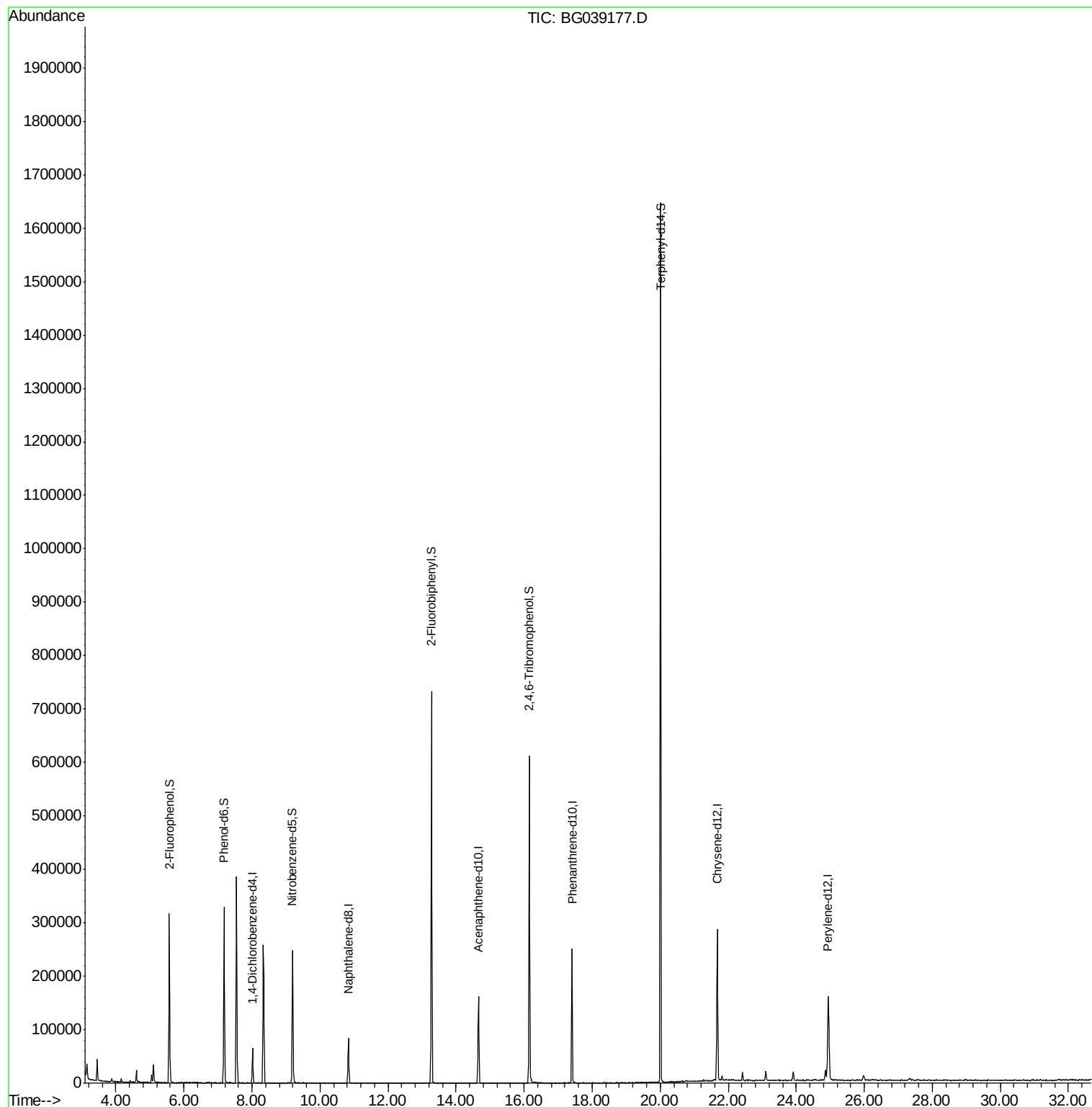
Target Compounds Qvalue

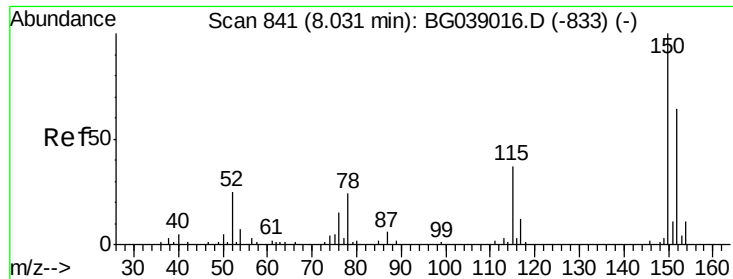
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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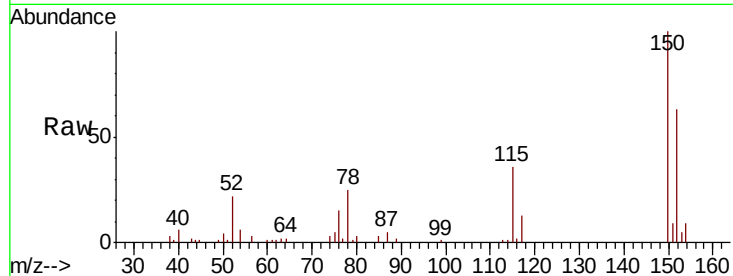


#1

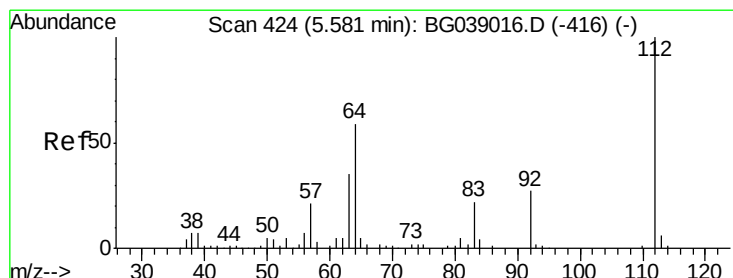
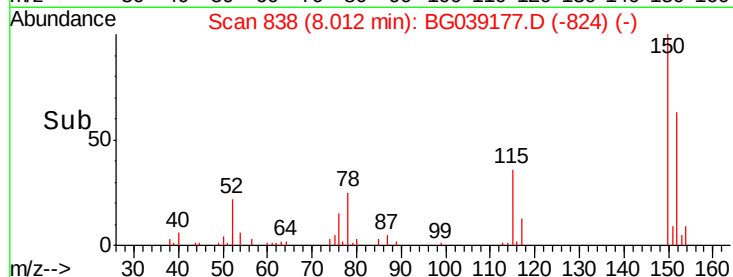
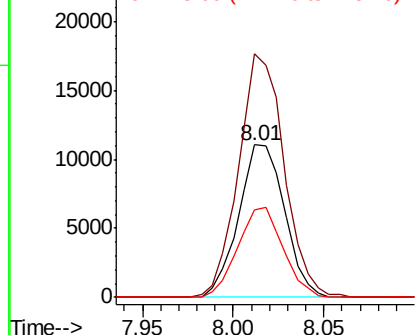
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-A

Tot Ion:152 Resp: 19489
Ion Ratio Lower Upper
152 100
150 159.7 124.7 187.1
115 57.7 46.5 69.7



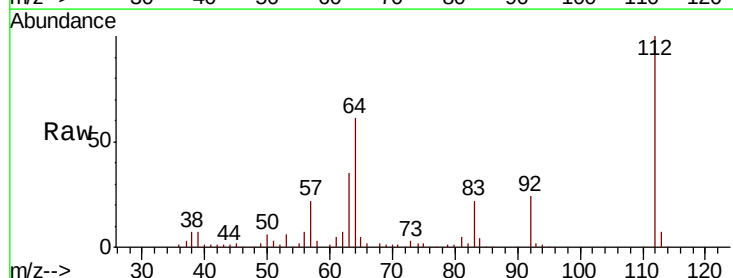
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



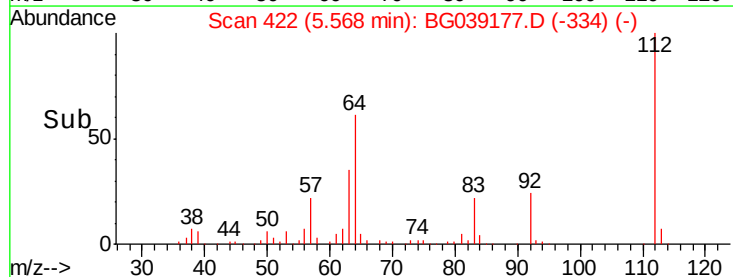
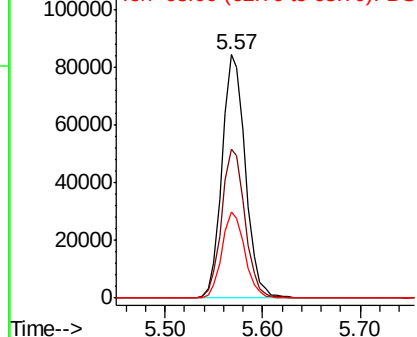
#5

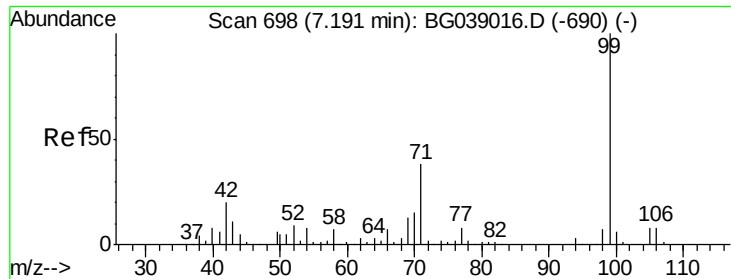
2-Fluorophenol
Concen: 136.101 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Tgt Ion:112 Resp: 139826
Ion Ratio Lower Upper
112 100
64 60.9 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: 127.067 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039177.D

Acq: 17 Jan 2019 4:11

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-A

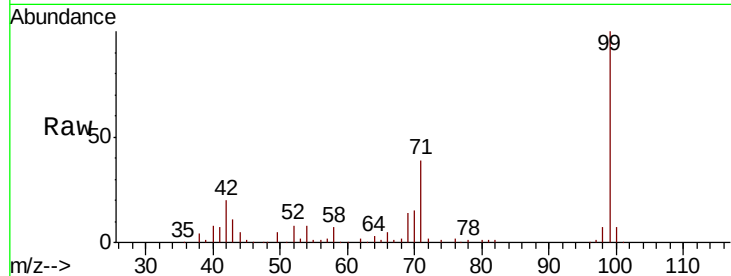
Tot Ion: 99 Resp: 187871

Ion Ratio Lower Upper

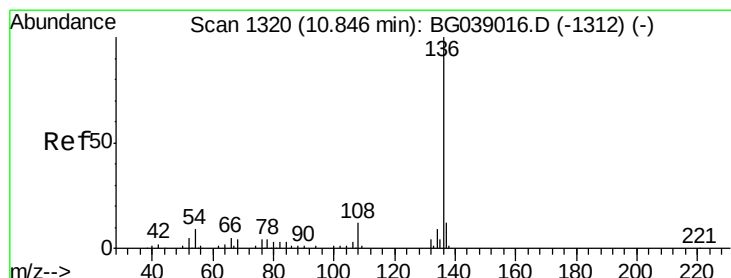
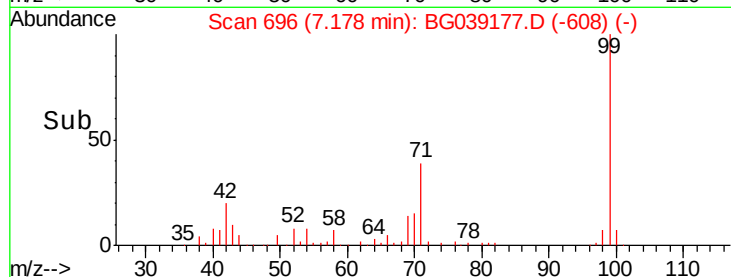
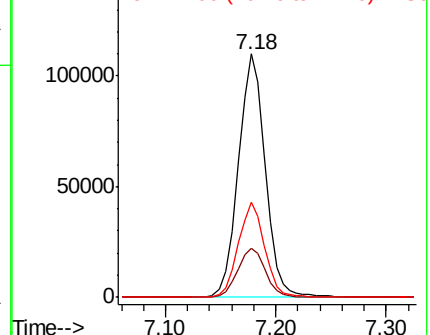
99 100

42 20.2 15.8 23.6

71 39.1 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: BG039177.D

Acq: 17 Jan 2019 4:11

Tgt Ion: 136 Resp: 78227

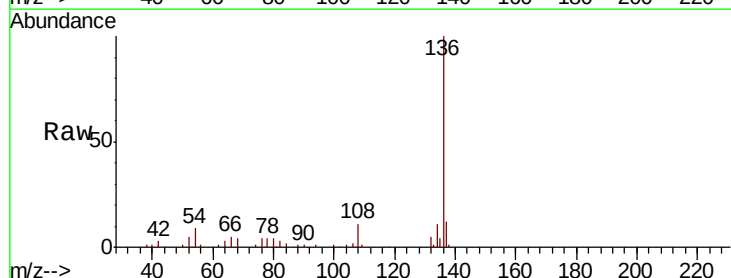
Ion Ratio Lower Upper

136 100

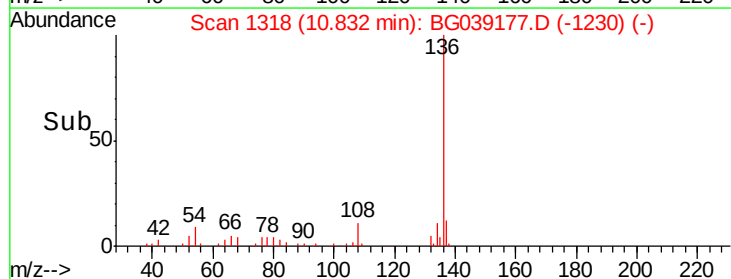
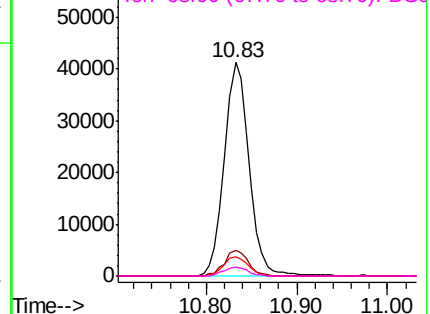
137 11.7 9.4 14.2

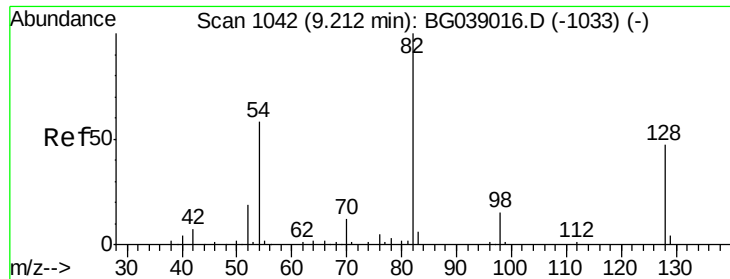
54 9.2 7.2 10.8

68 4.1 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

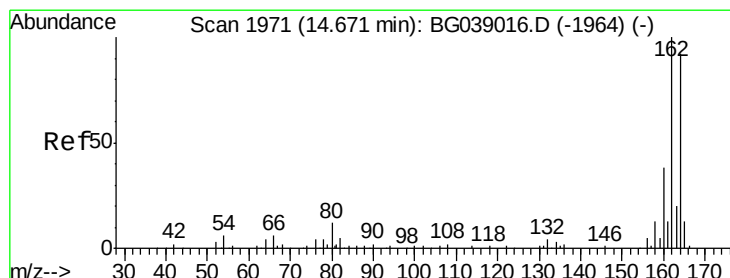
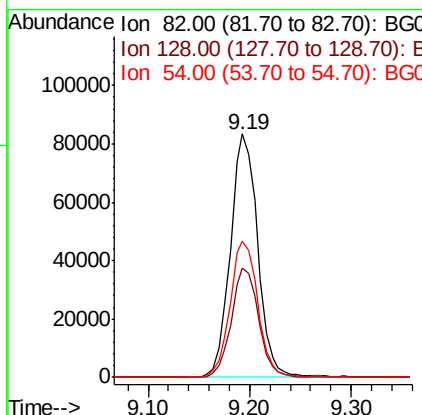
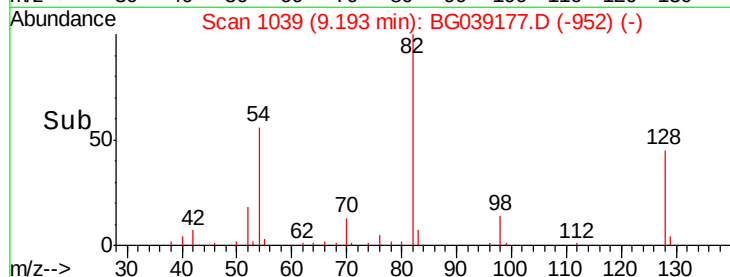
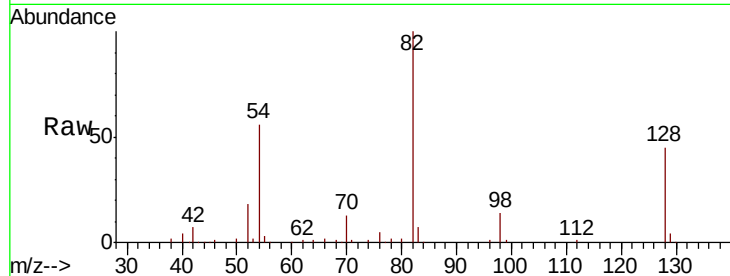




#23
Nitrobenzene-d5
Concen: 108.865 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

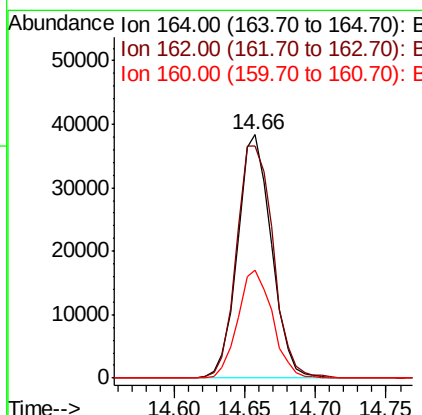
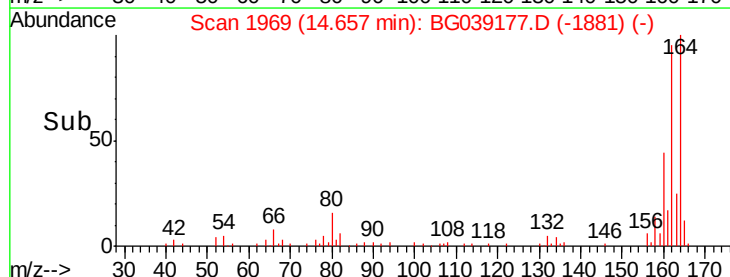
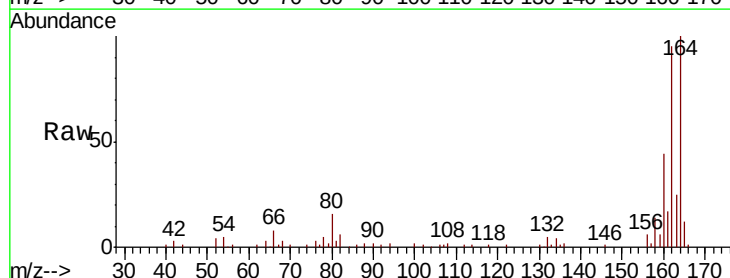
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-A

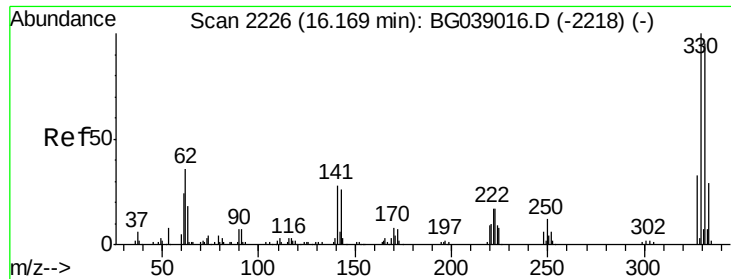
Tot Ion: 82 Resp: 155634
Ion Ratio Lower Upper
82 100
128 44.9 37.3 55.9
54 55.7 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Tgt Ion: 164 Resp: 64109
Ion Ratio Lower Upper
164 100
162 95.4 87.2 130.8
160 44.2 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 127.014 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039177.D

Acq: 17 Jan 2019 4:11

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-A

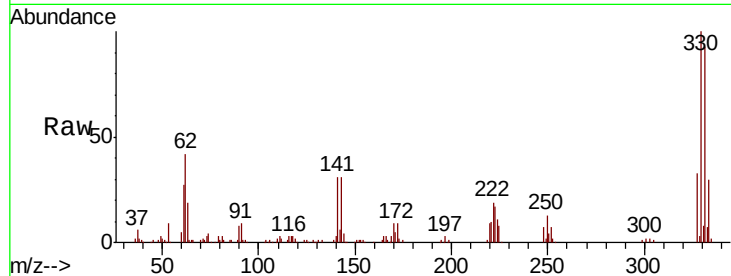
Tot Ion:330 Resp: 136495

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

141 30.6 24.9 37.3

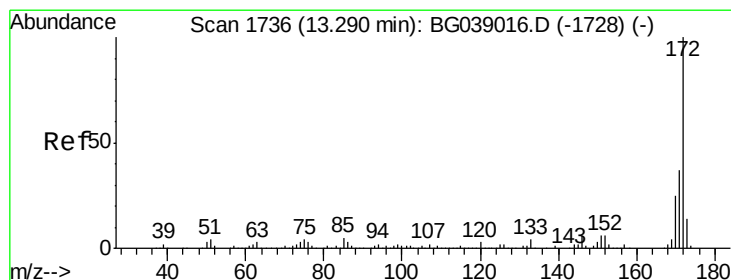
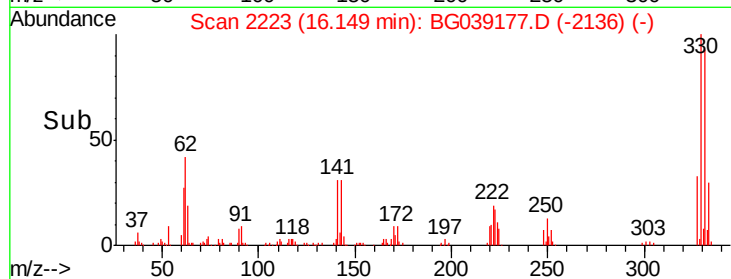
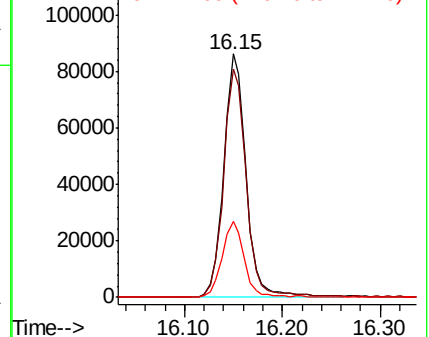


Abundance

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: 86.375 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG039177.D

Acq: 17 Jan 2019 4:11

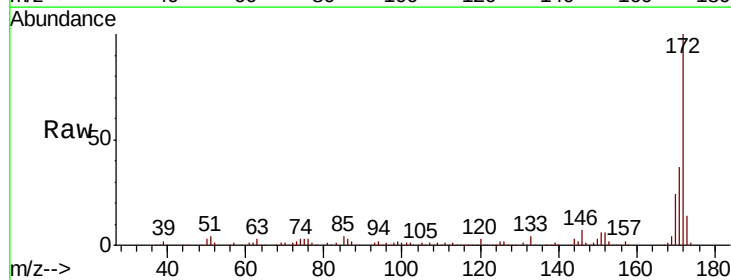
Tgt Ion:172 Resp: 404614

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

170 24.4 20.1 30.1

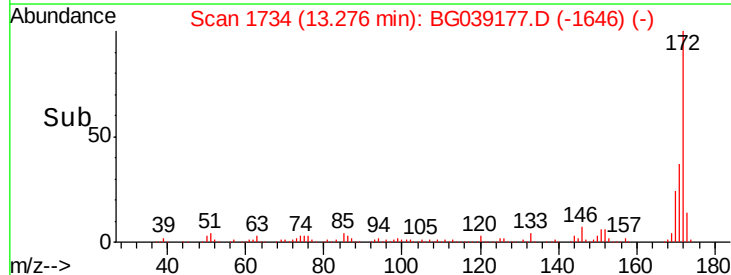
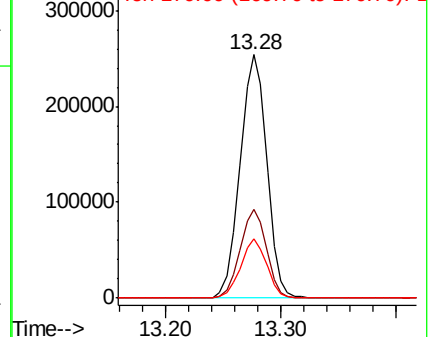


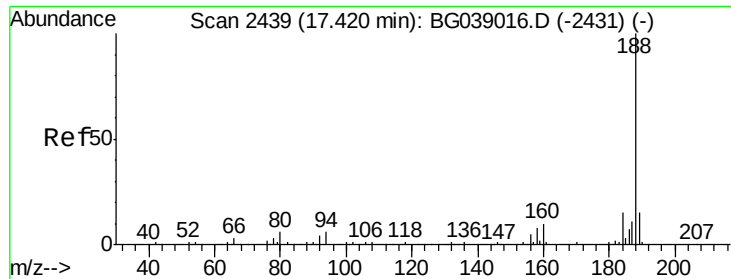
Abundance

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

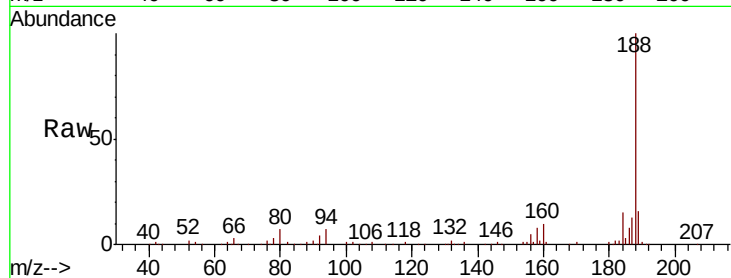




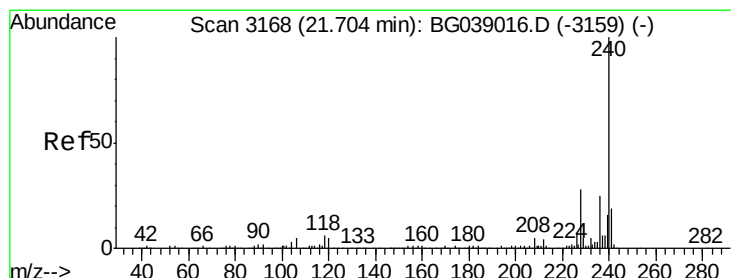
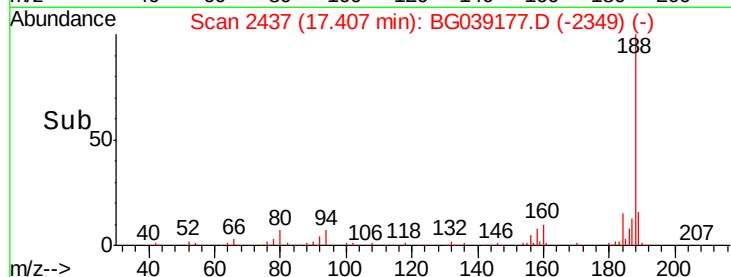
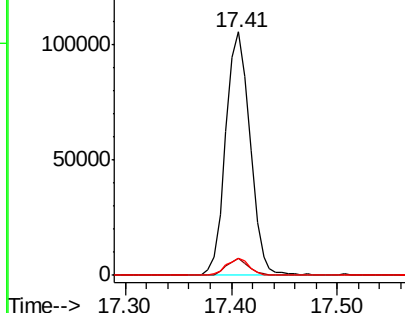
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-A

Tot Ion:188 Resp: 169057
Ion Ratio Lower Upper
188 100
94 7.0 5.0 7.4
80 7.0 4.7 7.1

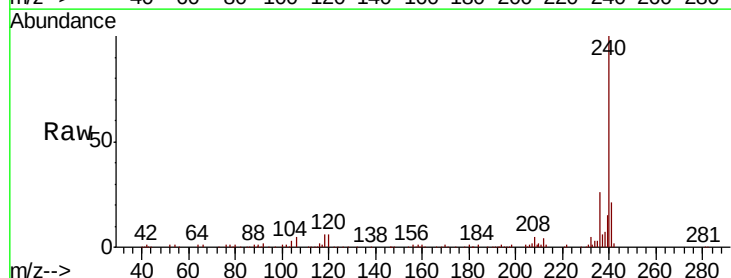


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

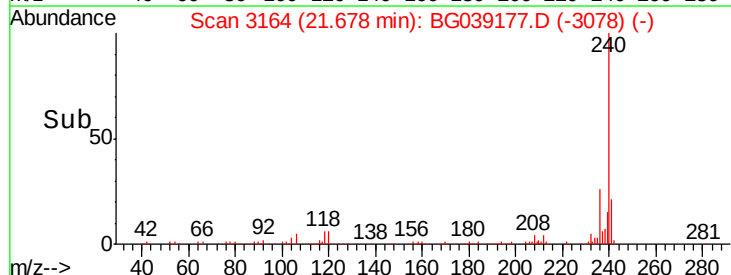
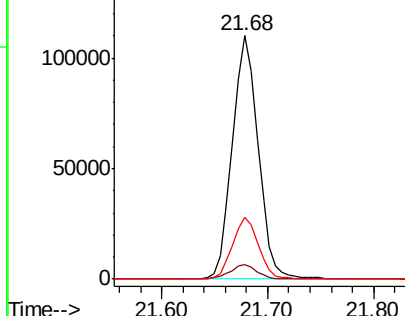


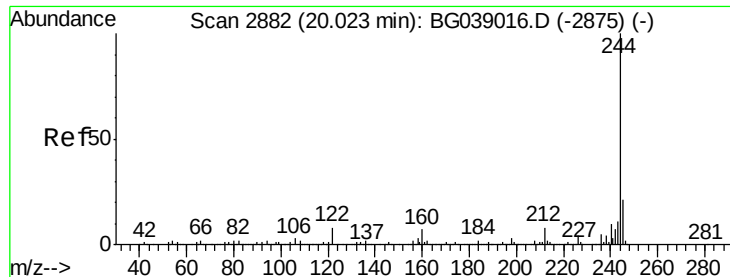
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Tgt Ion:240 Resp: 186015
Ion Ratio Lower Upper
240 100
120 6.0 4.3 6.5
236 25.6 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: 82.395 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039177.D

Acq: 17 Jan 2019 4:11

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-A

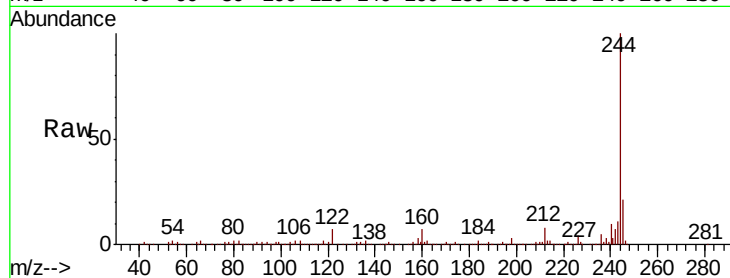
Tot Ion:244 Resp: 828521

Ion Ratio Lower Upper

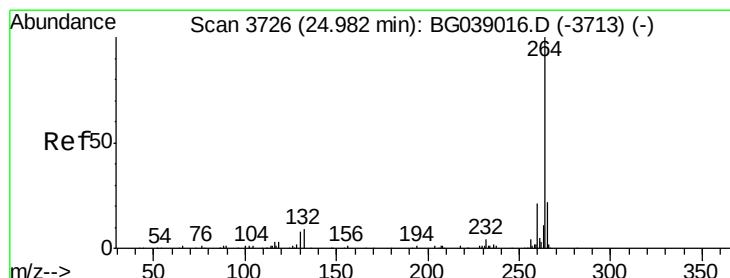
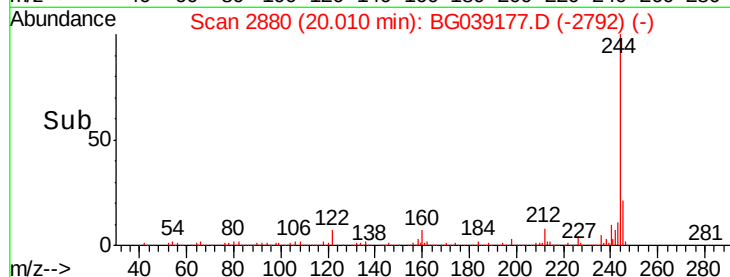
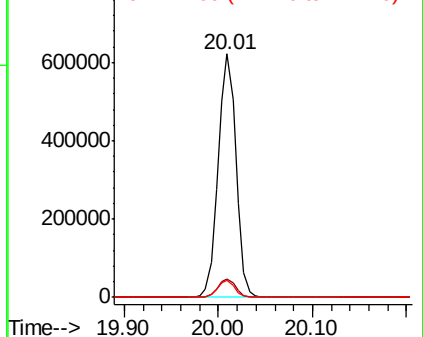
244 100

212 7.6 6.1 9.1

122 6.8 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# 3719

Delta R.T. -0.04 min

Lab File: BG039177.D

Acq: 17 Jan 2019 4:11

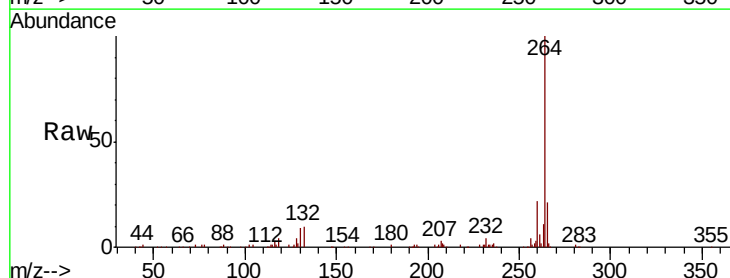
Tgt Ion:264 Resp: 196077

Ion Ratio Lower Upper

264 100

260 22.2 17.0 25.6

265 21.0 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

