

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039202.D
 Acq On : 18 Jan 2019 3:09
 Operator : JU/SJ
 Sample : K1157-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-01-011519

Quant Time: Jan 18 05:36:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	22158	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	89694	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	67003	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	177730	20.00	ng	0.00
76) Chrysene-d12	21.68	240	209328	20.00	ng	0.00
87) Perylene-d12	24.95	264	201686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	169491	145.10	ng	0.00
7) Phenol-d6	7.17	99	188866	112.35	ng	0.00
23) Nitrobenzene-d5	9.20	82	166183	101.38	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	141467	125.95	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	406955	83.12	ng	0.00
79) Terphenyl-d14	20.01	244	966712	85.43	ng	0.00

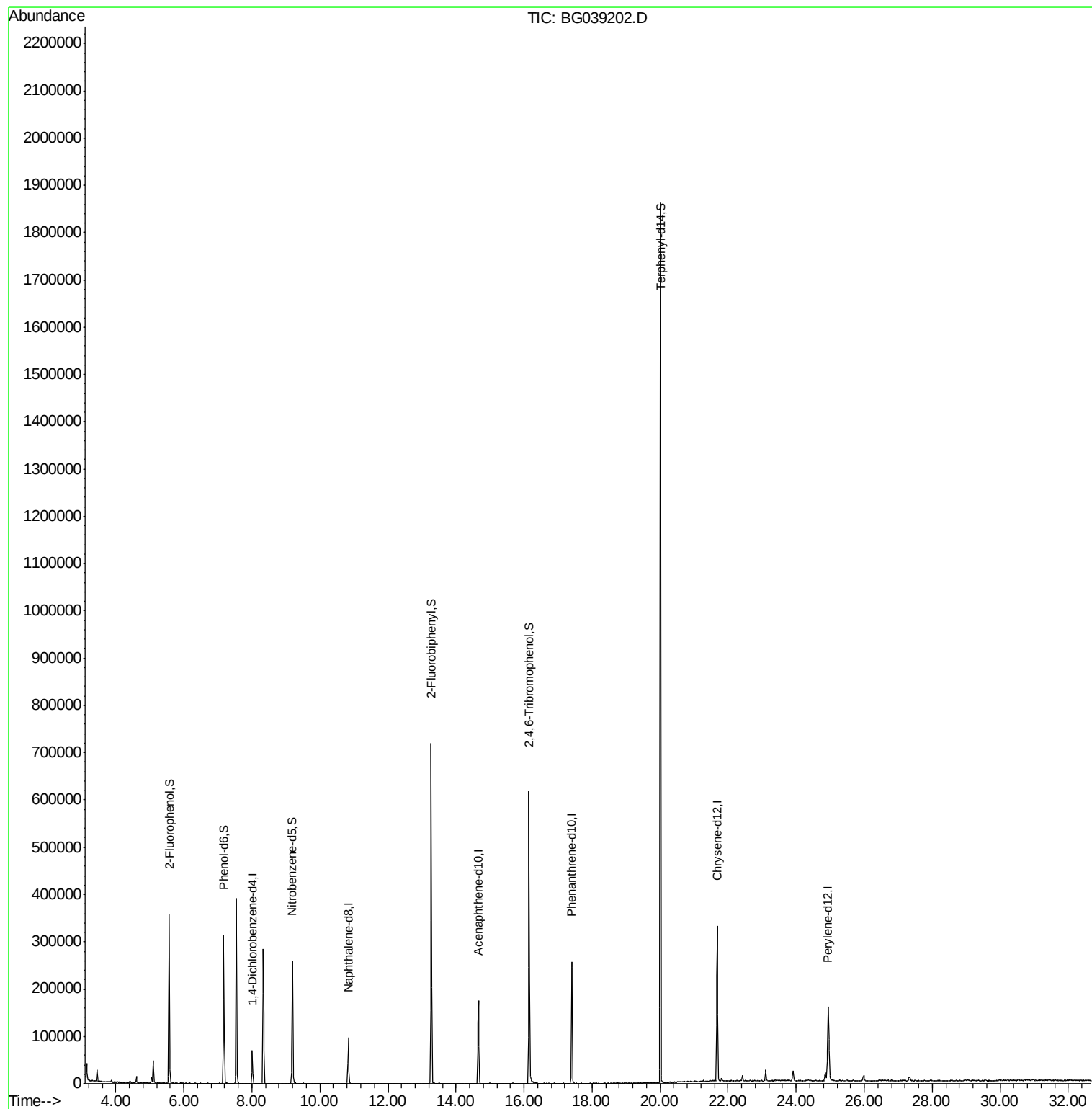
Target Compounds Qvalue

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

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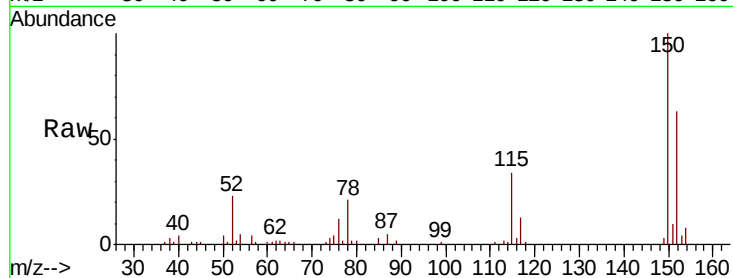


#1

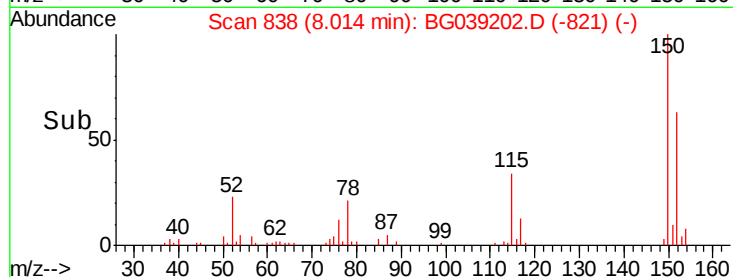
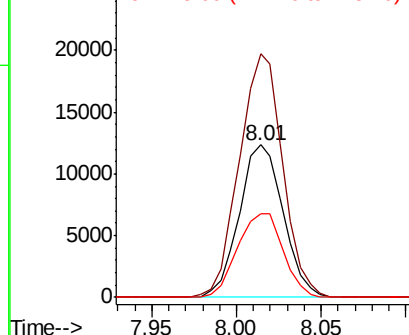
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039202.D
Acq: 18 Jan 2019 3:09

Instrument :
BNA_G
ClientSampleId :
WC-01-011519

Tot Ion:152 Resp: 22158
Ion Ratio Lower Upper
152 100
150 159.5 124.7 187.1
115 54.6 46.5 69.7



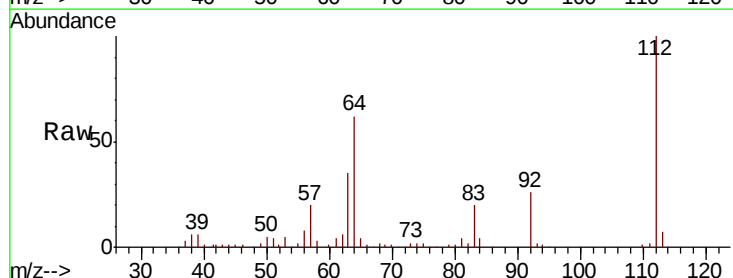
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



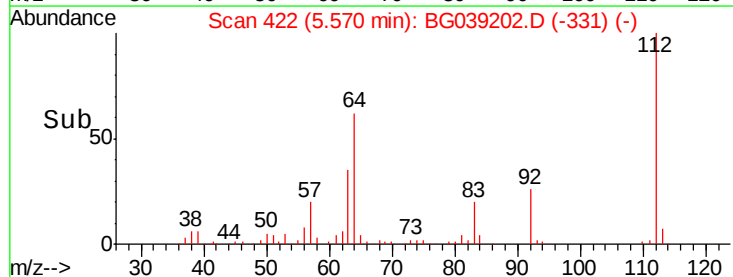
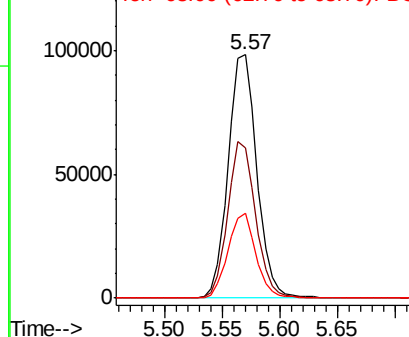
#5

2-Fluorophenol
Concen: 145.104 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039202.D
Acq: 18 Jan 2019 3:09

Tgt Ion:112 Resp: 169491
Ion Ratio Lower Upper
112 100
64 61.7 47.0 70.6
63 35.0 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: 112.353 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

Instrument :

BNA_G

ClientSampleId :

WC-01-011519

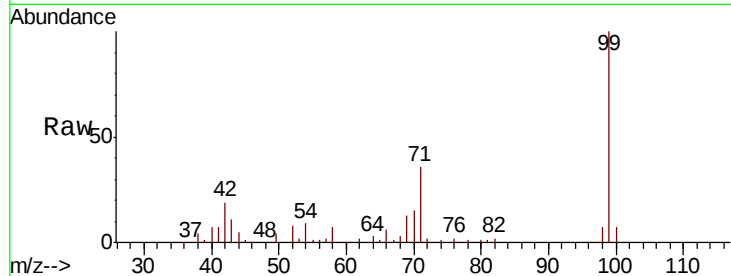
Tot Ion: 99 Resp: 188866

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

71 36.3 30.2 45.4

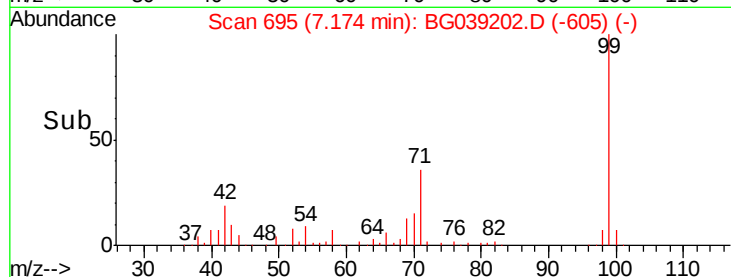
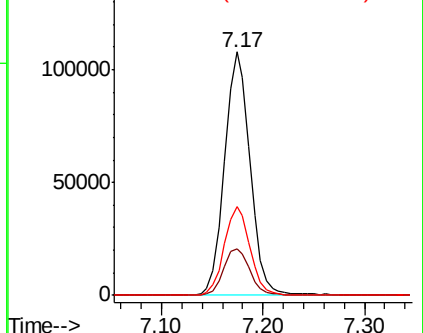


Abundance

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. 0.00 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

Tgt Ion: 136 Resp: 89694

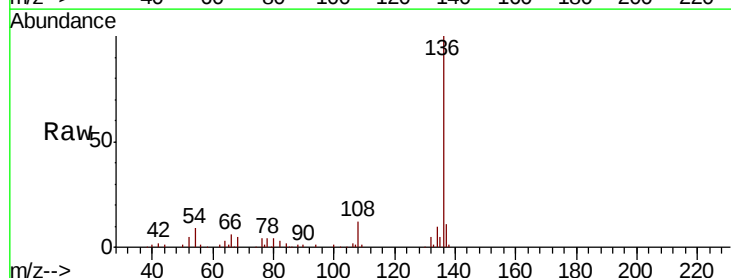
Ion Ratio Lower Upper

136 100

137 10.5 9.4 14.2

54 8.7 7.2 10.8

68 4.8 3.5 5.3



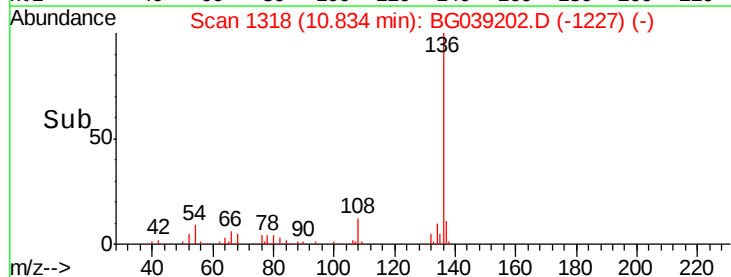
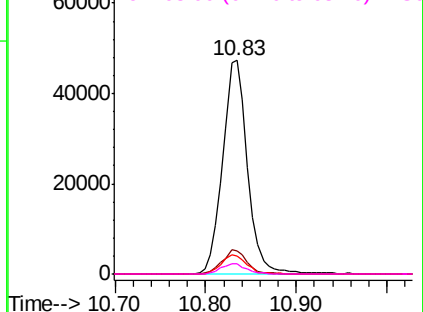
Abundance

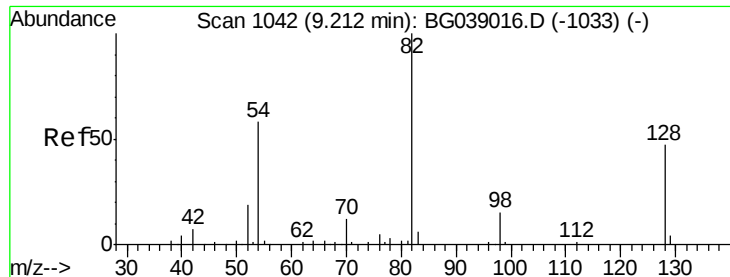
Ion 136.00 (135.70 to 136.70): BGC

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

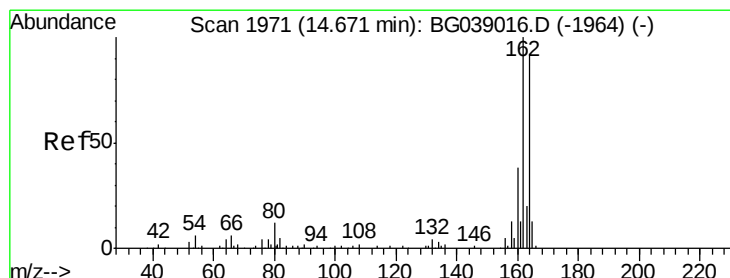
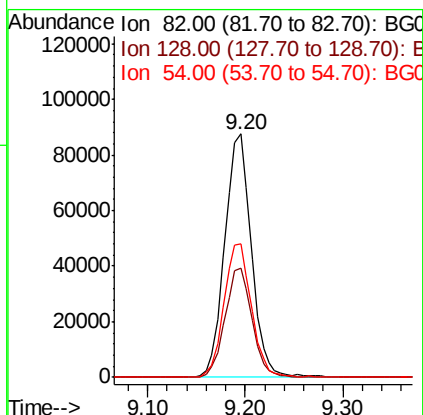
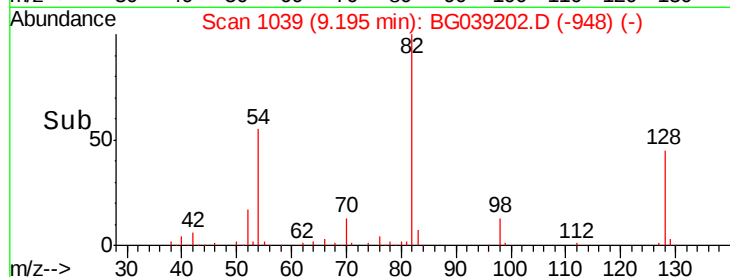
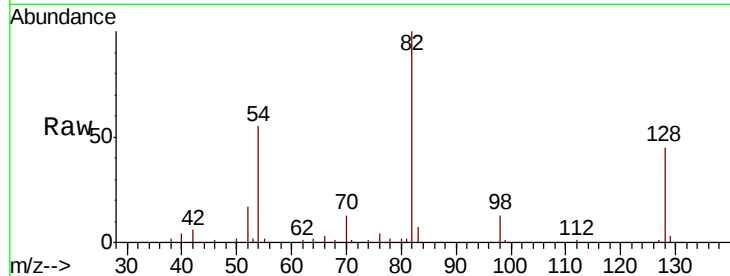




#23
Nitrobenzene-d5
Concen: 101.383 ng
RT: 9.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039202.D
Acq: 18 Jan 2019 3:09

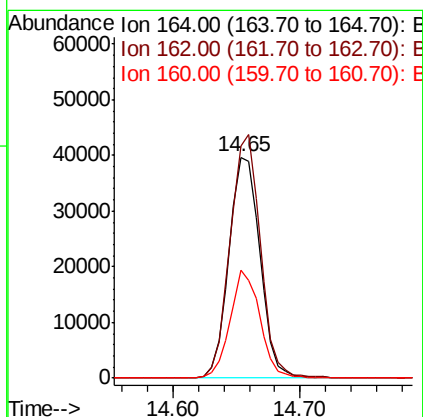
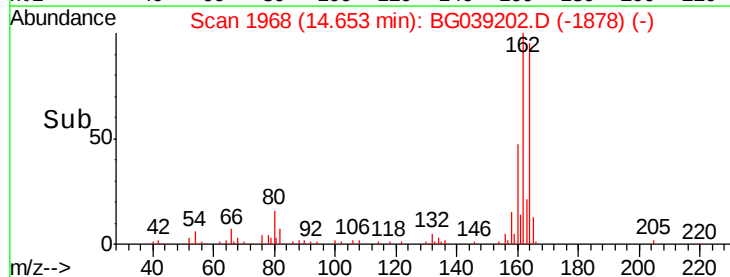
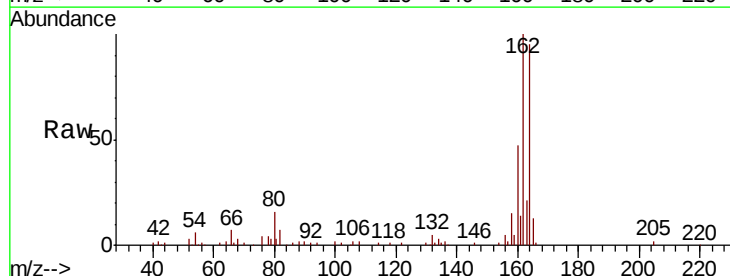
Instrument :
BNA_G
ClientSampleId :
WC-01-011519

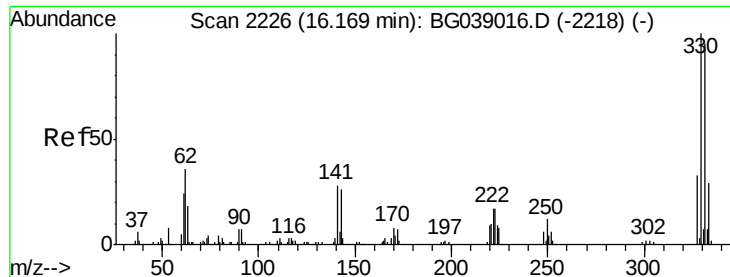
Tot Ion	82	Resp	166183
Ion Ratio	100	Lower	Upper
128	44.9	37.3	55.9
54	55.0	46.4	69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG039202.D
Acq: 18 Jan 2019 3:09

Tgt Ion	164	Resp	67003
Ion Ratio	100	Lower	Upper
162	105.3	87.2	130.8
160	49.1	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 125.955 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

Instrument :

BNA_G

ClientSampleId :

WC-01-011519

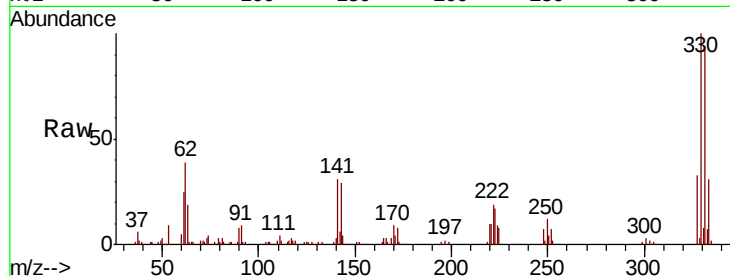
Tot Ion:330 Resp: 141467

Ion Ratio Lower Upper

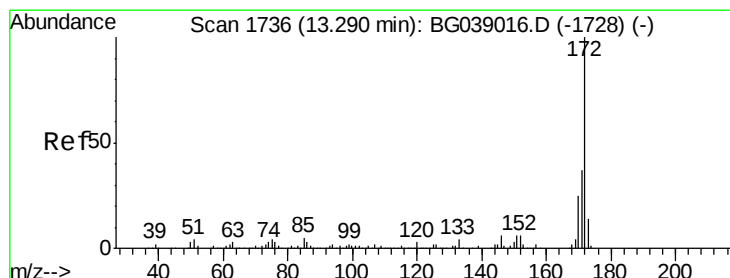
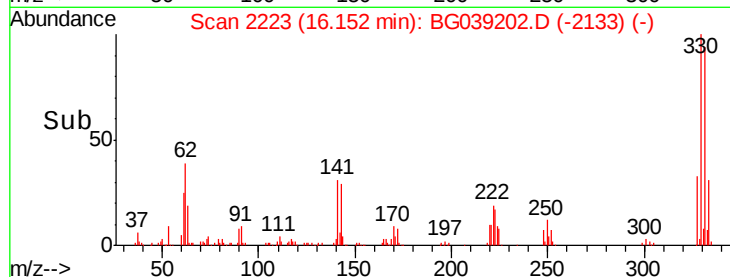
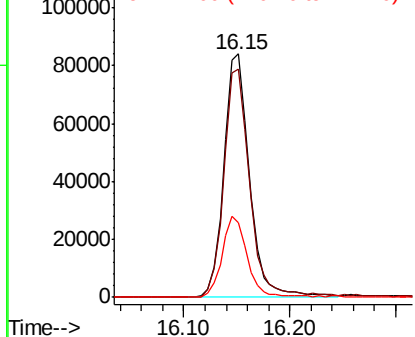
330 100

332 95.4 75.7 113.5

141 32.7 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: 83.122 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

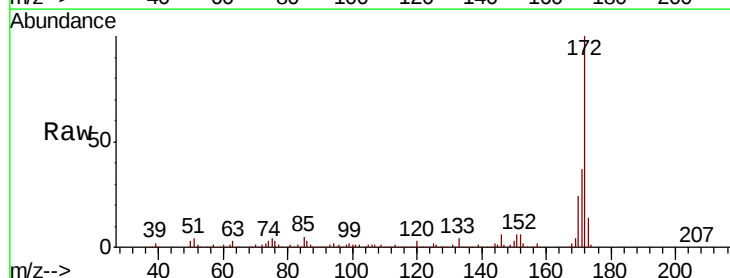
Tgt Ion:172 Resp: 406955

Ion Ratio Lower Upper

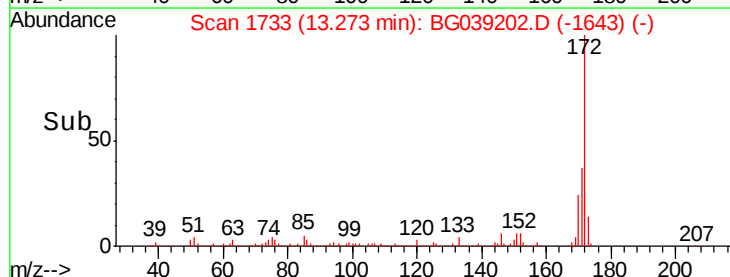
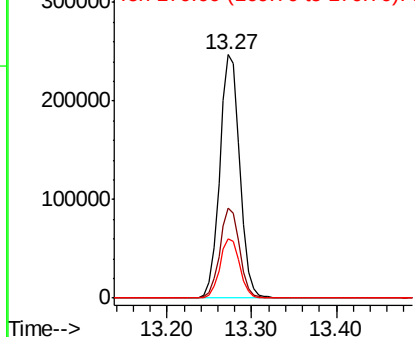
172 100

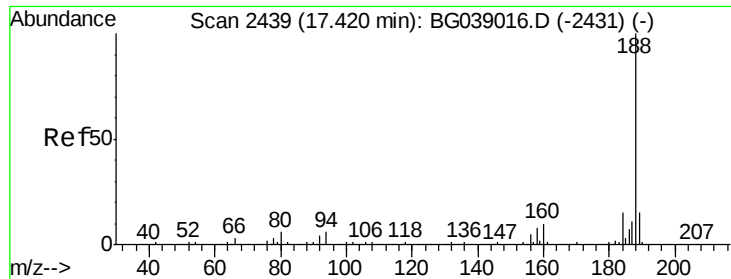
171 36.8 29.4 44.0

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. -0.00 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

Instrument :

BNA_G

ClientSampleId :

WC-01-011519

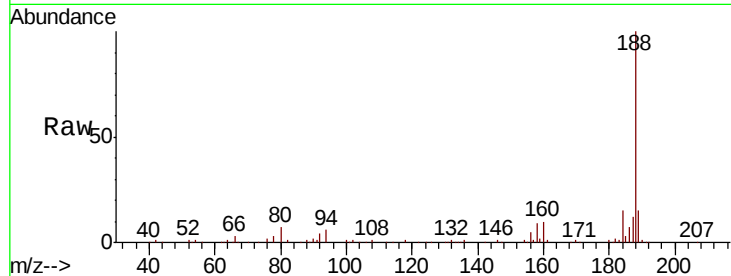
Tot Ion:188 Resp: 177730

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

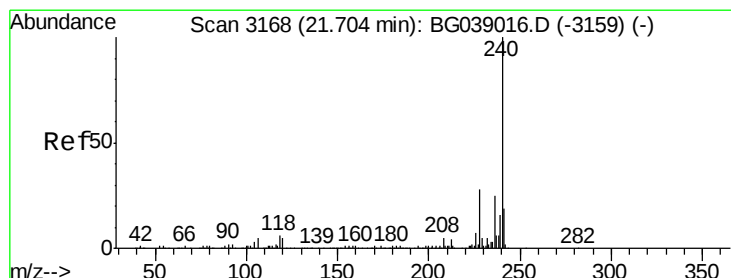
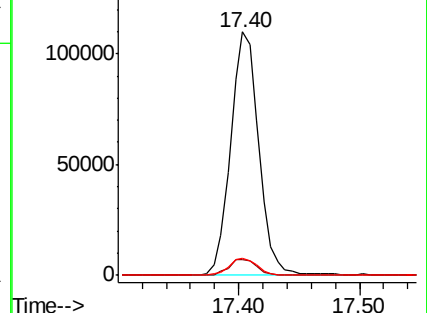
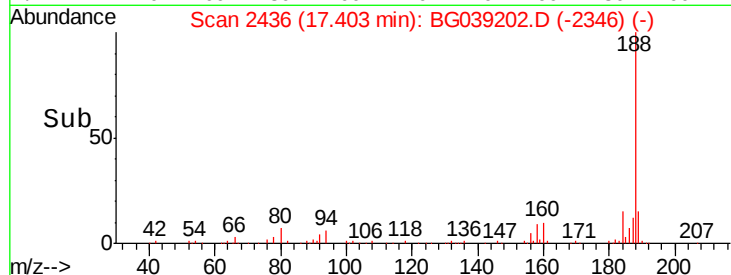
80 6.9 4.7 7.1



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. -0.00 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

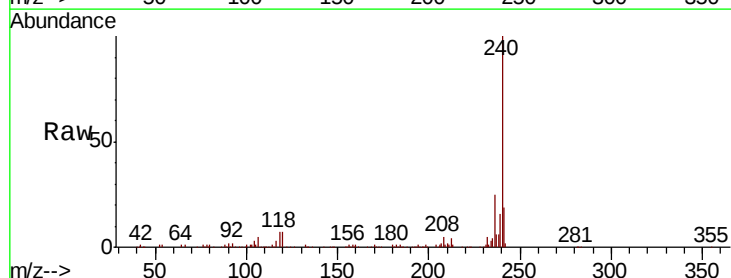
Tgt Ion:240 Resp: 209328

Ion Ratio Lower Upper

240 100

120 7.1 4.3 6.5#

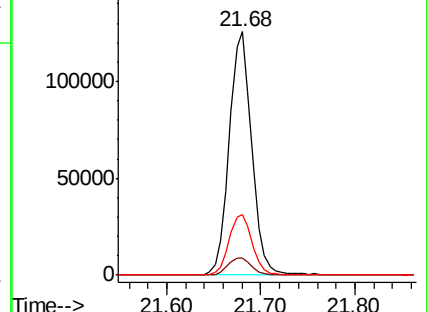
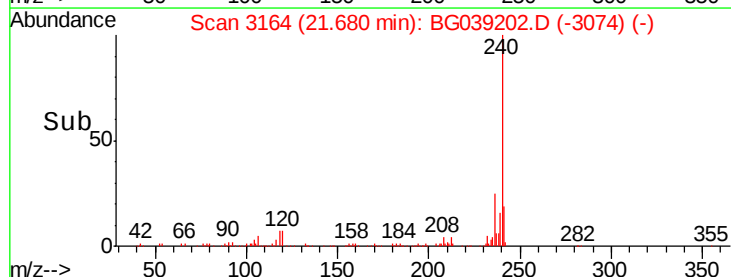
236 25.0 20.1 30.1

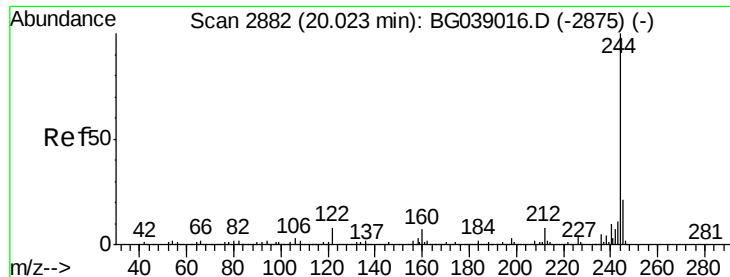


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.431 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

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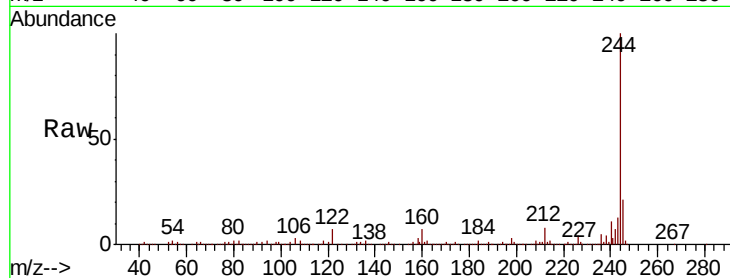
Tot Ion:244 Resp: 966712

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

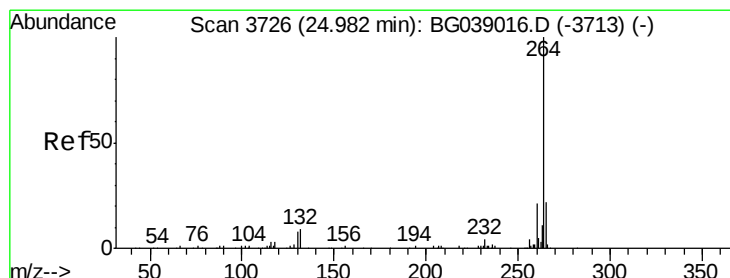
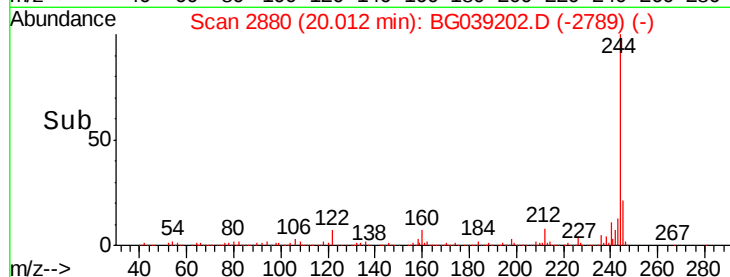
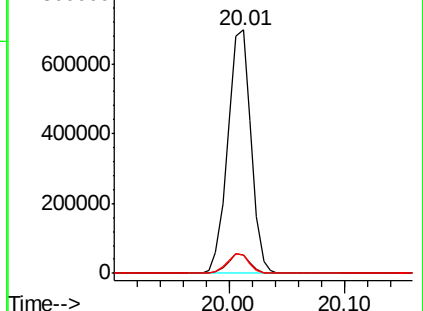
122 7.4 6.1 9.1



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# 3720

Delta R.T. -0.00 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

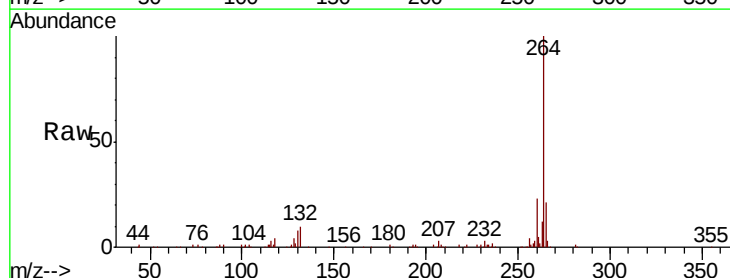
Tgt Ion:264 Resp: 201686

Ion Ratio Lower Upper

264 100

260 22.9 17.0 25.6

265 21.1 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

