

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039205.D
 Acq On : 18 Jan 2019 5:07
 Operator : JU/SJ
 Sample : K1157-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-04-011519

Quant Time: Jan 18 06:26:10 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	24137	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	92444	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	61847	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	199937	20.00	ng	0.00
76) Chrysene-d12	21.68	240	214014	20.00	ng	0.00
87) Perylene-d12	24.94	264	227353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	188685	148.29	ng	0.00
7) Phenol-d6	7.18	99	274982	150.17	ng	0.00
23) Nitrobenzene-d5	9.19	82	159231	94.25	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	176268	170.02	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	423025	93.61	ng	0.00
79) Terphenyl-d14	20.01	244	1065589	92.11	ng	0.00

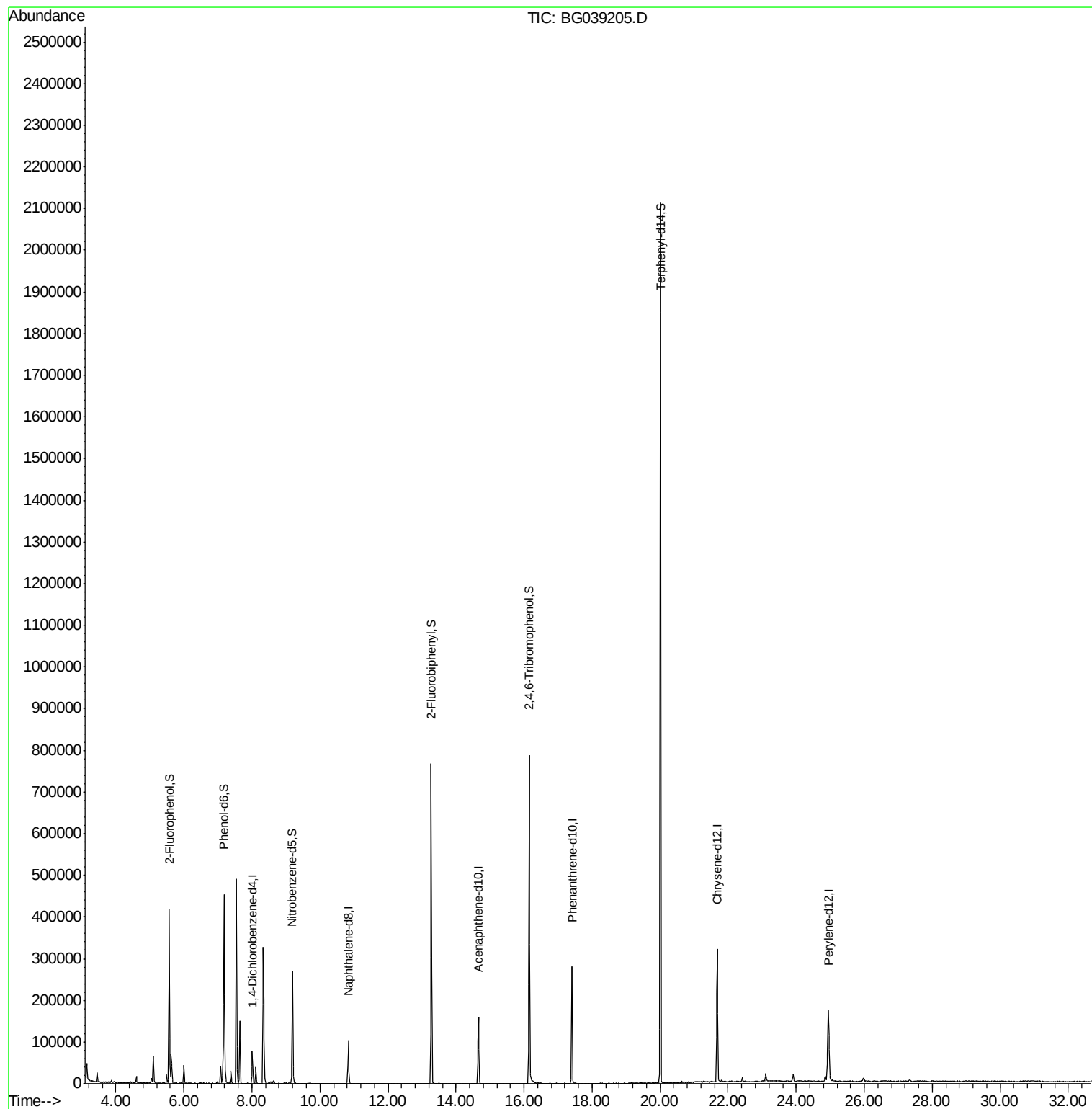
Target Compounds Qvalue

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

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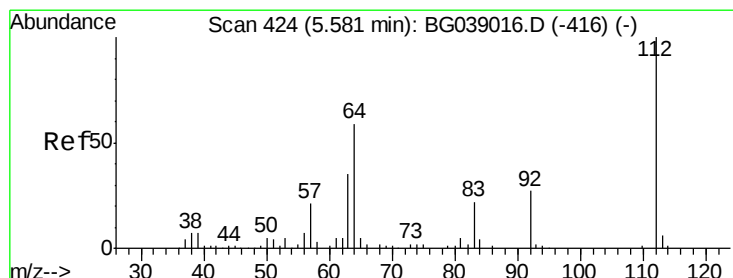
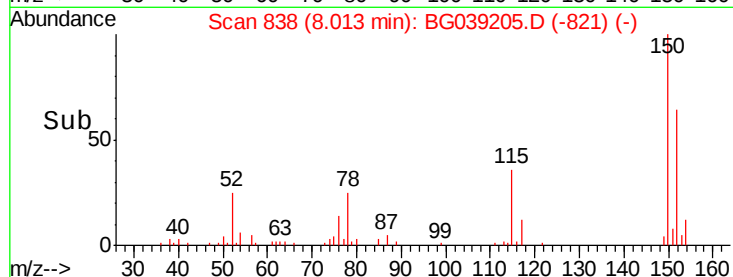
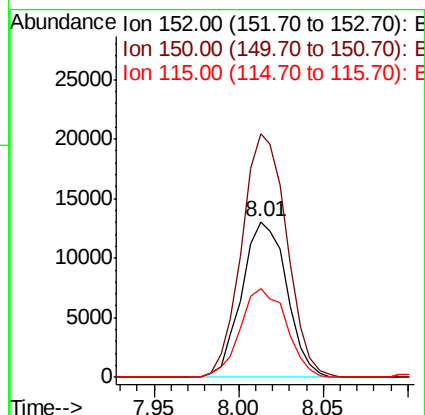
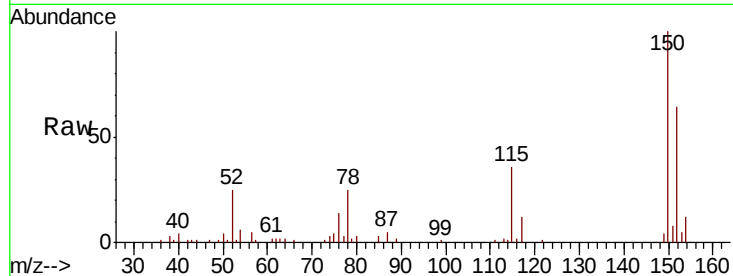


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039205.D
Acq: 18 Jan 2019 5:07

Instrument :
BNA_G
ClientSampleId :
WC-04-011519

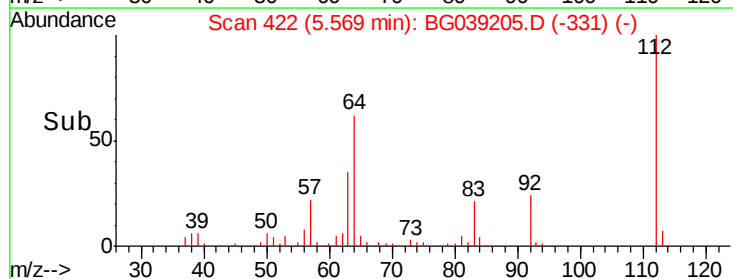
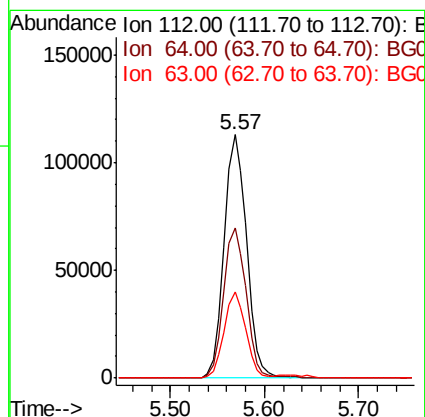
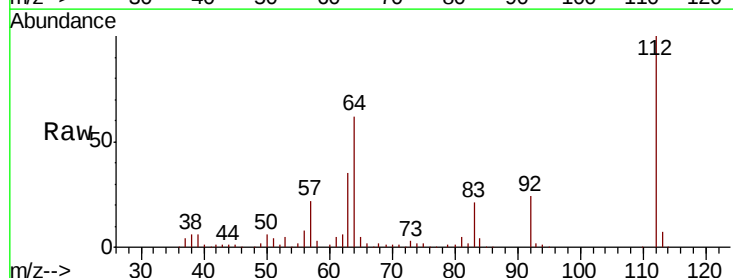
Tot Ion:152 Resp: 24137
Ion Ratio Lower Upper
152 100
150 156.5 124.7 187.1
115 56.9 46.5 69.7

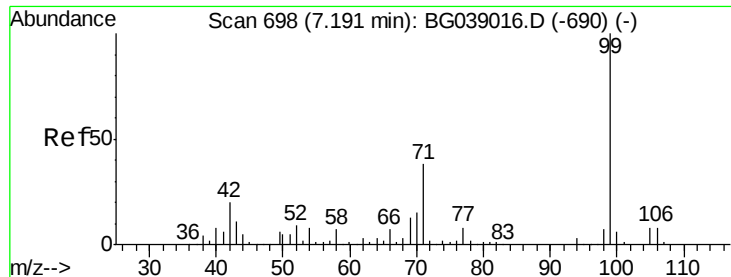


#5

2-Fluorophenol
Concen: 148.292 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039205.D
Acq: 18 Jan 2019 5:07

Tgt Ion:112 Resp: 188685
Ion Ratio Lower Upper
112 100
64 61.5 47.0 70.6
63 35.2 28.0 42.0





#7

Phenol-d6

Concen: 150.170 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039205.D

Acq: 18 Jan 2019 5:07

Instrument :

BNA_G

ClientSampleId :

WC-04-011519

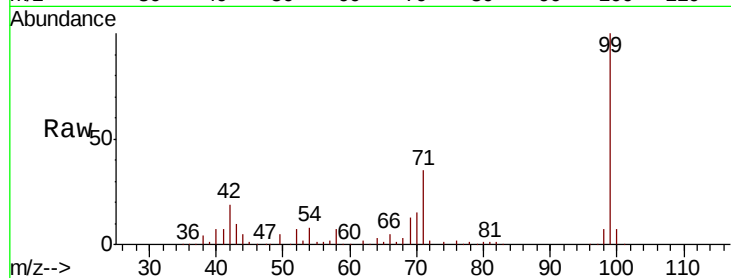
Tot Ion: 99 Resp: 274982

Ion Ratio Lower Upper

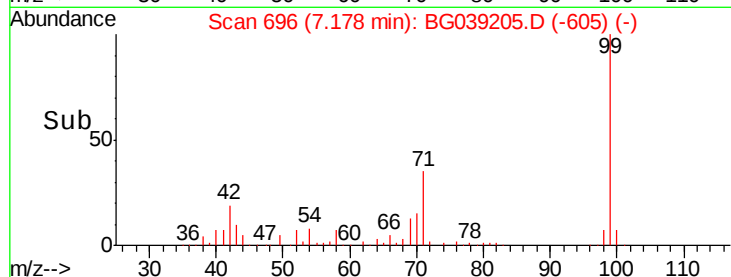
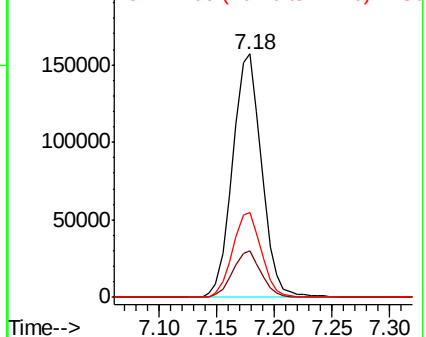
99 100

42 18.8 15.8 23.6

71 34.7 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: BG039205.D

Acq: 18 Jan 2019 5:07

Tgt Ion: 136 Resp: 92444

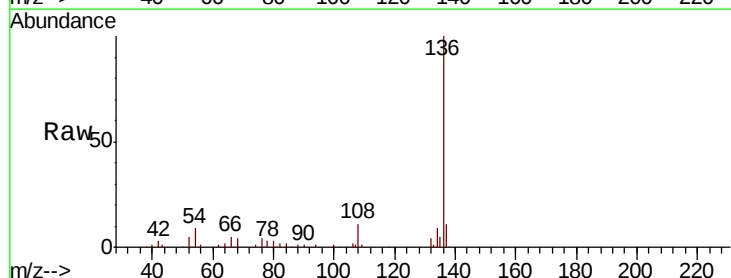
Ion Ratio Lower Upper

136 100

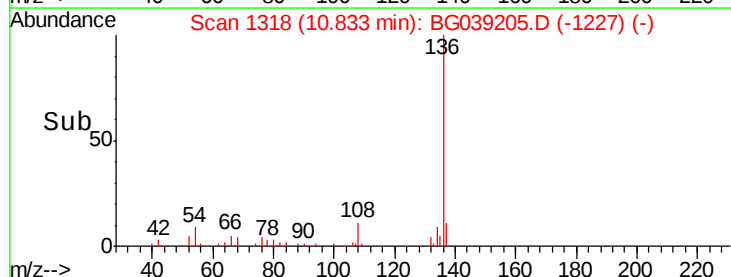
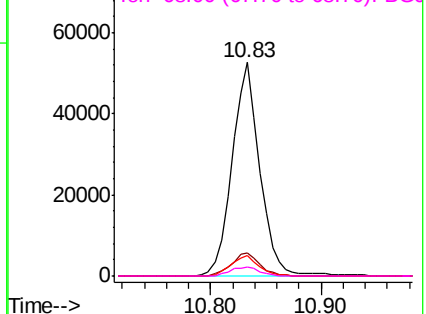
137 10.6 9.4 14.2

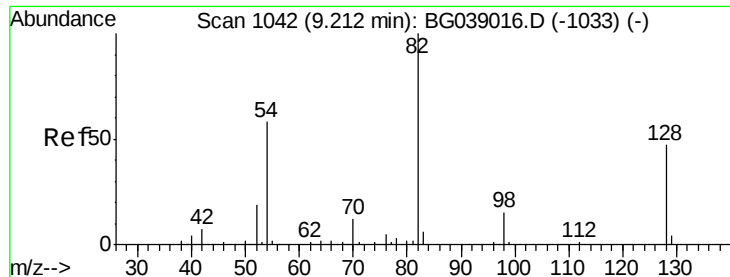
54 9.4 7.2 10.8

68 3.9 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

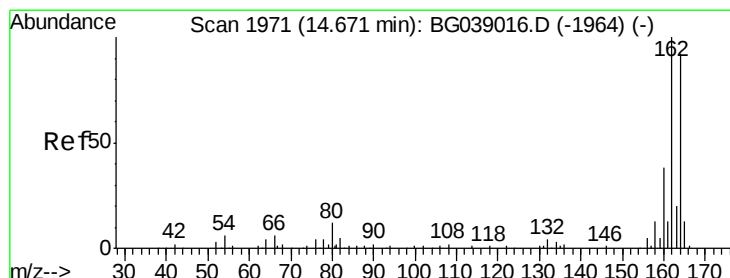
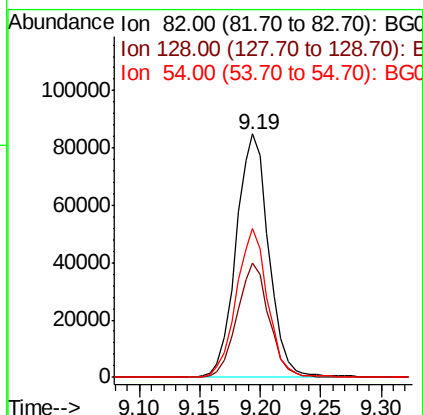
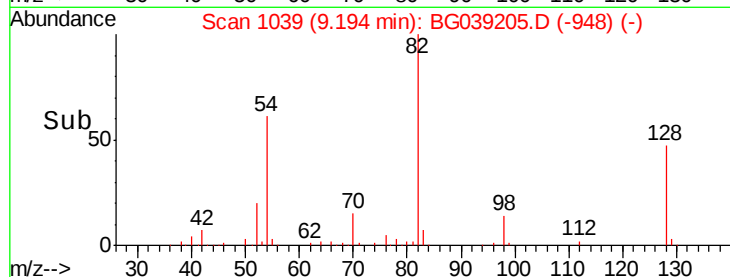
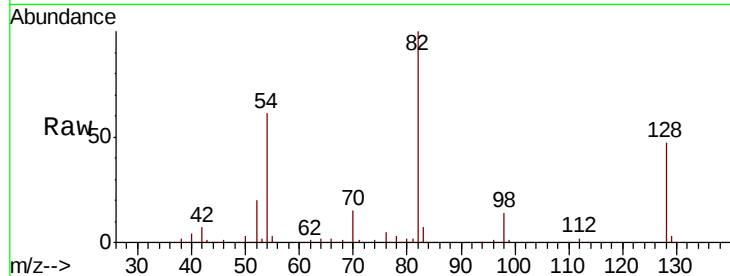




#23
 Nitrobenzene-d5
 Concen: 94.252 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG039205.D
 Acq: 18 Jan 2019 5:07

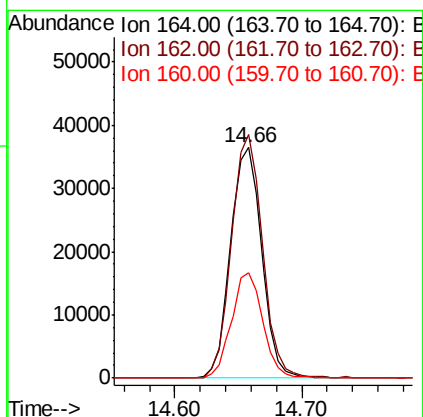
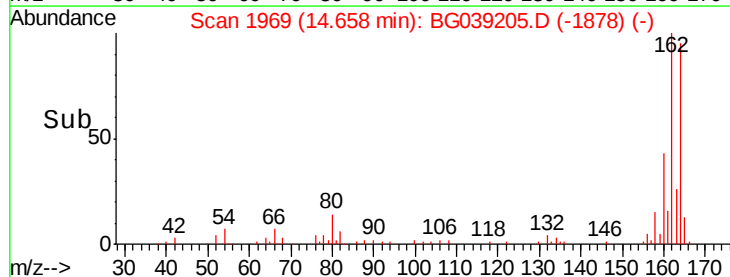
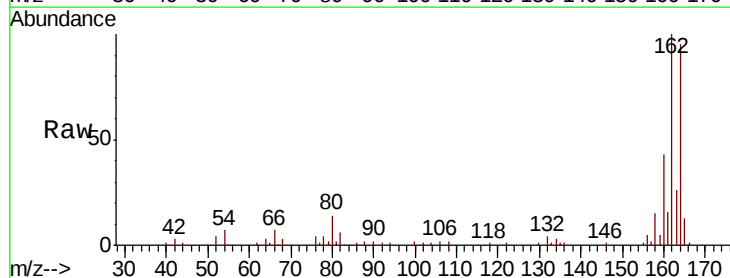
Instrument :
 BNA_G
 ClientSampleId :
 WC-04-011519

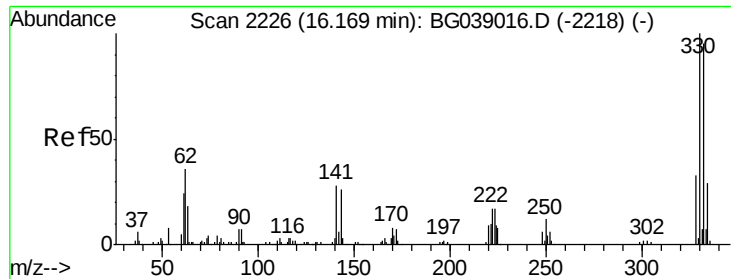
Tot Ion: 82 Resp: 159231
 Ion Ratio Lower Upper
 82 100
 128 46.8 37.3 55.9
 54 61.1 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BG039205.D
 Acq: 18 Jan 2019 5:07

Tgt Ion: 164 Resp: 61847
 Ion Ratio Lower Upper
 164 100
 162 105.6 87.2 130.8
 160 45.7 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 170.024 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039205.D

Acq: 18 Jan 2019 5:07

Instrument :

BNA_G

ClientSampleId :

WC-04-011519

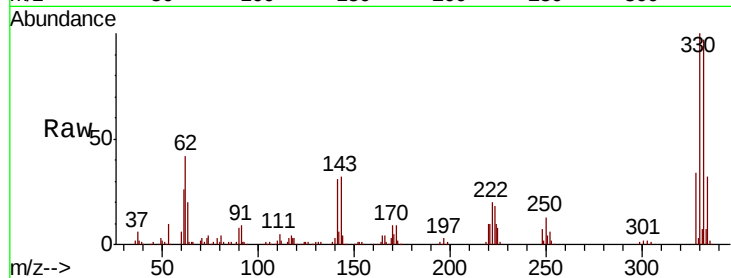
Tot Ion:330 Resp: 176268

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

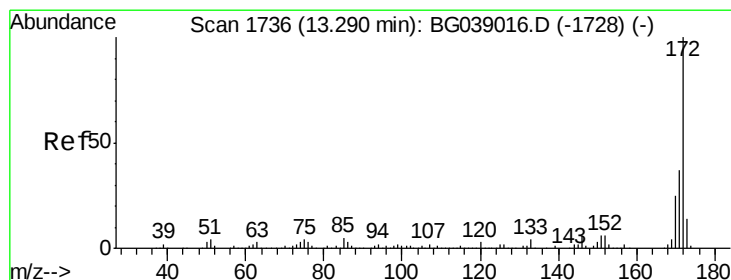
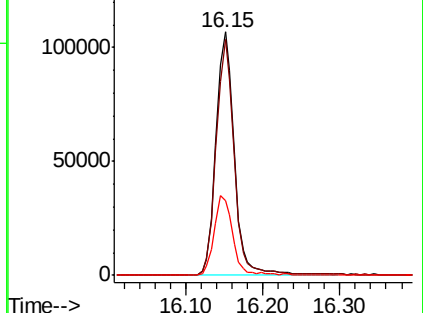
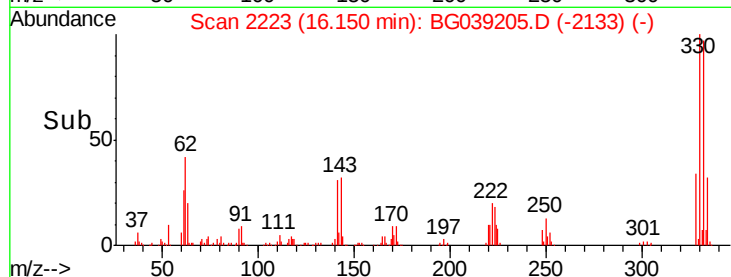
141 33.0 24.9 37.3



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: 93.608 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BG039205.D

Acq: 18 Jan 2019 5:07

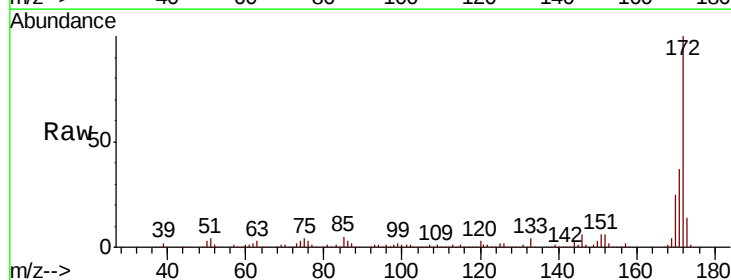
Tgt Ion:172 Resp: 423025

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

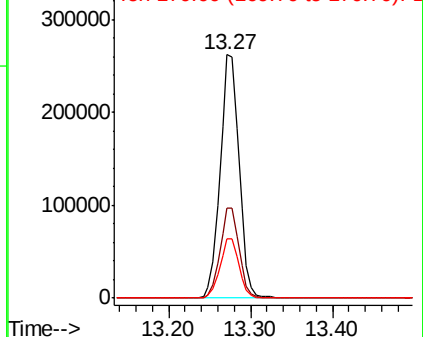
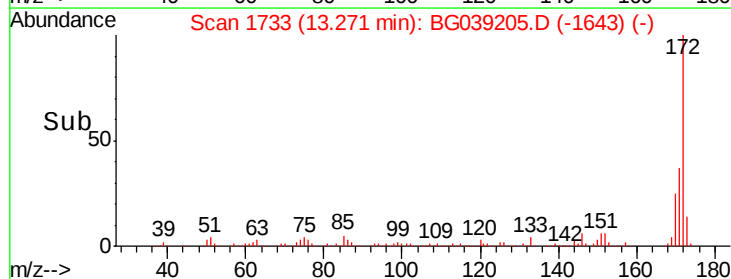
170 24.5 20.1 30.1



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. 0.00 min

Lab File: BG039205.D

Acq: 18 Jan 2019 5:07

Instrument :

BNA_G

ClientSampleId :

WC-04-011519

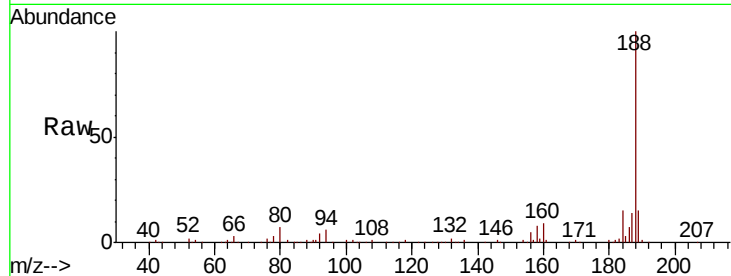
Tot Ion:188 Resp: 199937

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

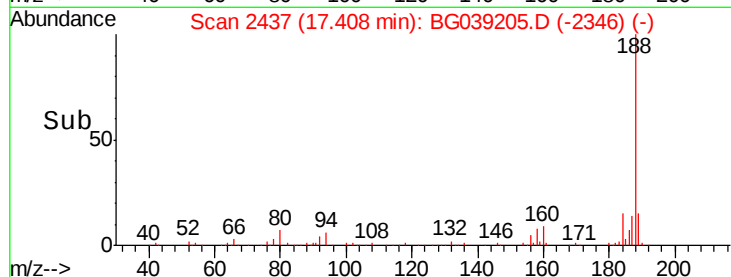
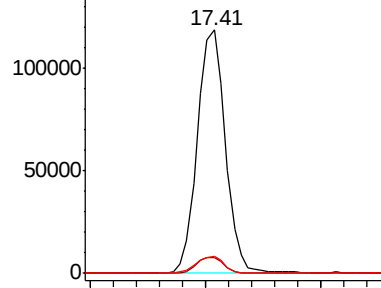
80 7.0 4.7 7.1



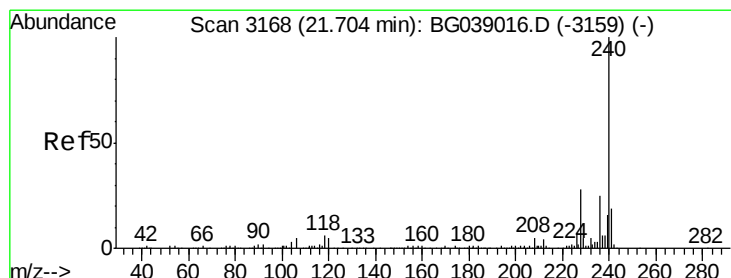
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40 17.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039205.D

Acq: 18 Jan 2019 5:07

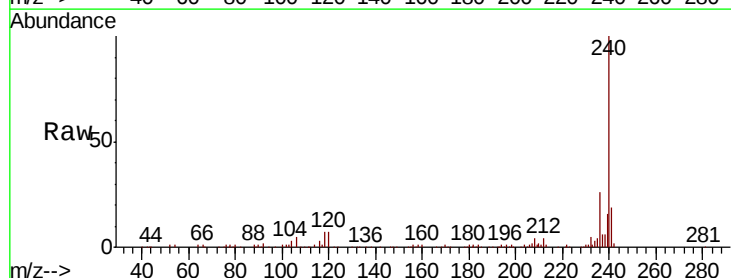
Tgt Ion:240 Resp: 214014

Ion Ratio Lower Upper

240 100

120 6.7 4.3 6.5#

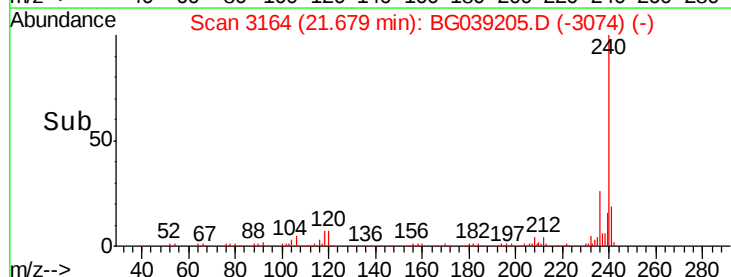
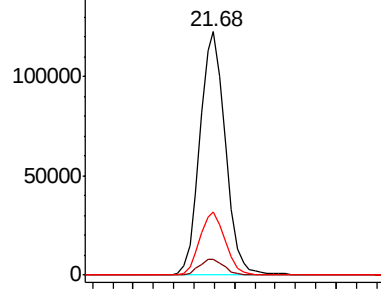
236 25.9 20.1 30.1



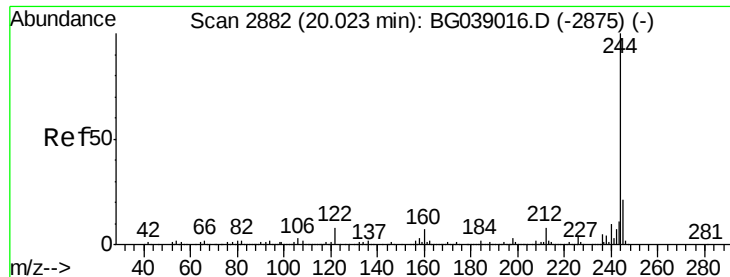
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80



#79

Terphenyl-d14

Concen: 92.107 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039205.D

Acq: 18 Jan 2019 5:07

Instrument :

BNA_G

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WC-04-011519

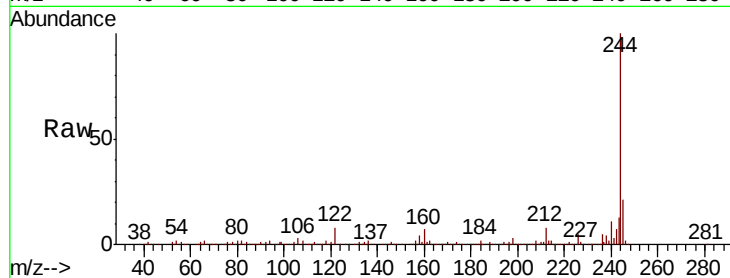
Tot Ion:244 Resp: 1065589

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	7.7	6.1	9.1

244 100

212 7.9 6.1 9.1

122 7.7 6.1 9.1

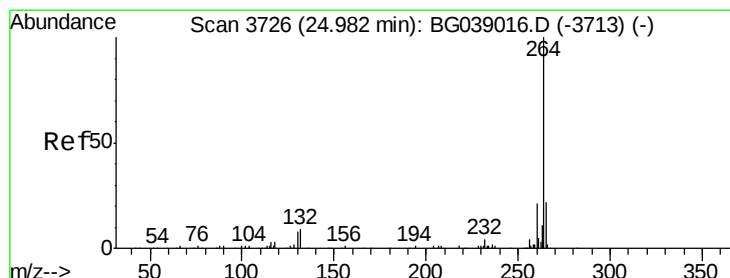
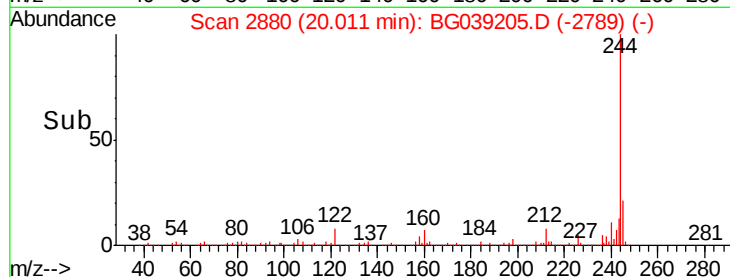
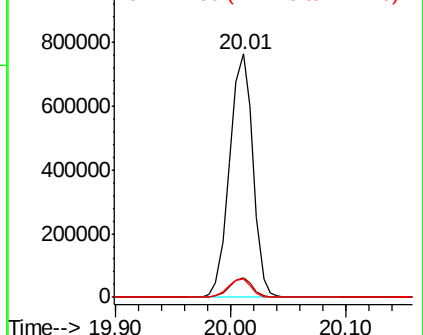


Abundance

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. -0.01 min

Lab File: BG039205.D

Acq: 18 Jan 2019 5:07

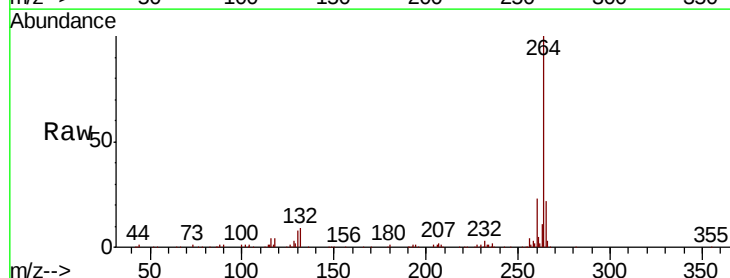
Tgt Ion:264 Resp: 227353

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.0	25.6
265	21.7	17.2	25.8

264 100

260 22.8 17.0 25.6

265 21.7 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

