

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039207.D
 Acq On : 18 Jan 2019 6:25
 Operator : JU/SJ
 Sample : K1157-25
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-06-011519

Quant Time: Jan 18 07:57:37 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	19364	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	82524	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	57394	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	180109	20.00	ng	0.00
76) Chrysene-d12	21.68	240	181996	20.00	ng	0.00
87) Perylene-d12	24.94	264	192734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	172505	168.99	ng	0.00
7) Phenol-d6	7.18	99	166802	113.55	ng	0.00
23) Nitrobenzene-d5	9.19	82	124203	82.36	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	118441	123.11	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	384285	91.63	ng	0.00
79) Terphenyl-d14	20.01	244	854932	86.90	ng	0.00

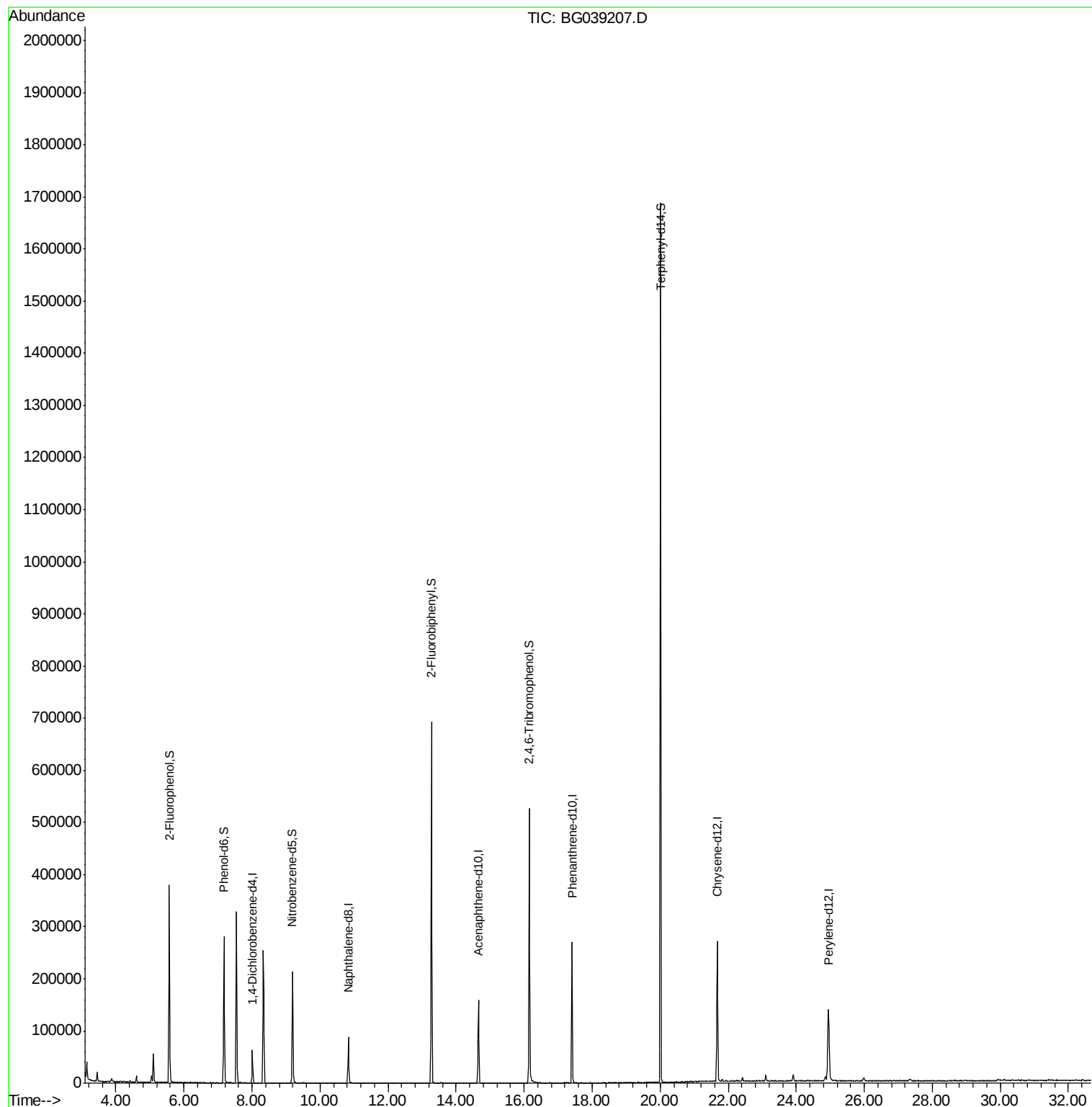
Target Compounds Qvalue

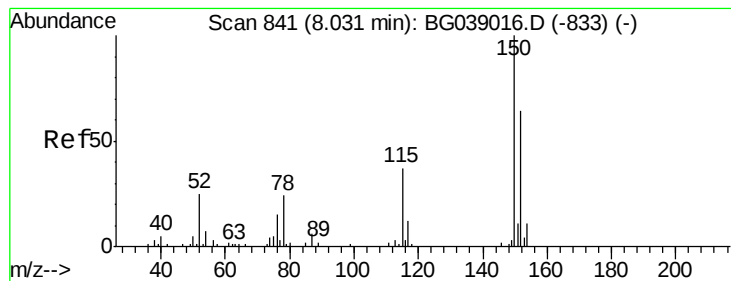
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039207.D

Acq: 18 Jan 2019 6:25

Instrument :

BNA_G

ClientSampleId :

WC-06-011519

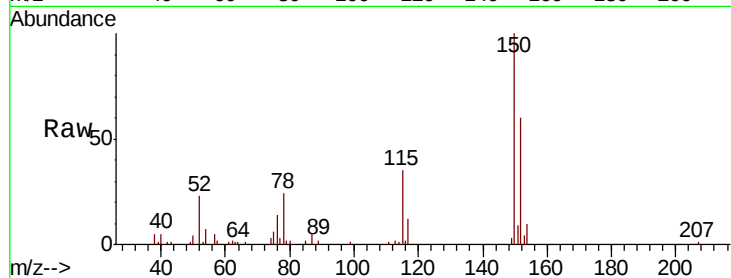
Tot Ion:152 Resp: 19364

Ion Ratio Lower Upper

152 100

150 165.6 124.7 187.1

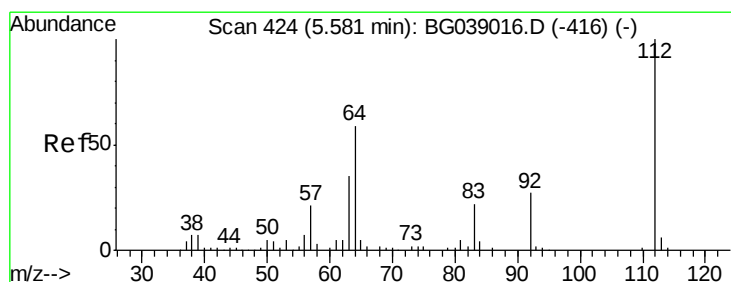
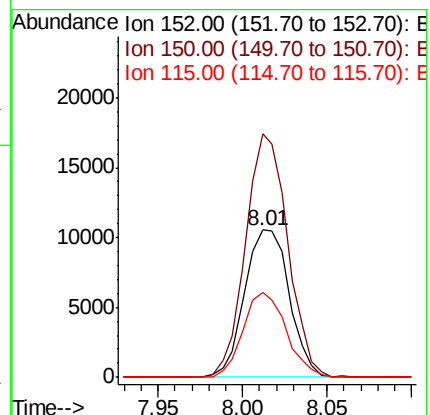
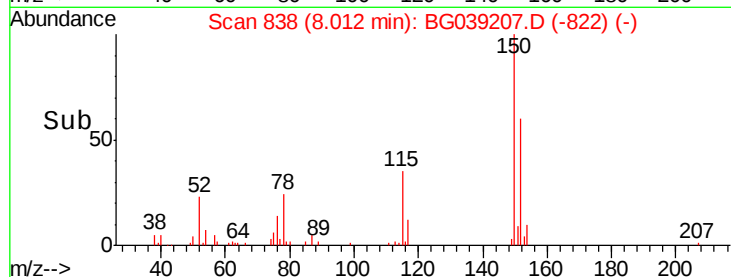
115 58.2 46.5 69.7



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: 168.993 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG039207.D

Acq: 18 Jan 2019 6:25

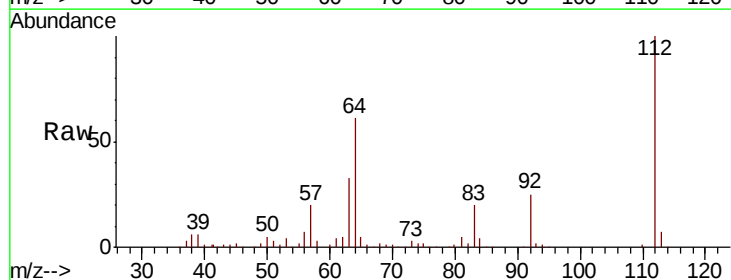
Tgt Ion:112 Resp: 172505

Ion Ratio Lower Upper

112 100

64 61.5 47.0 70.6

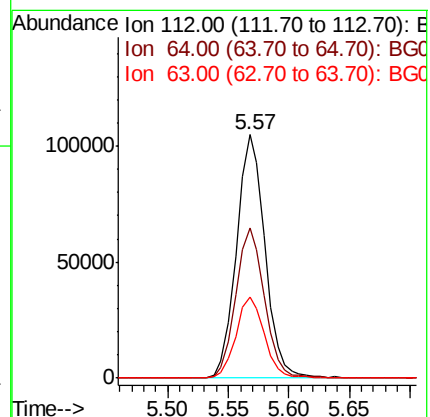
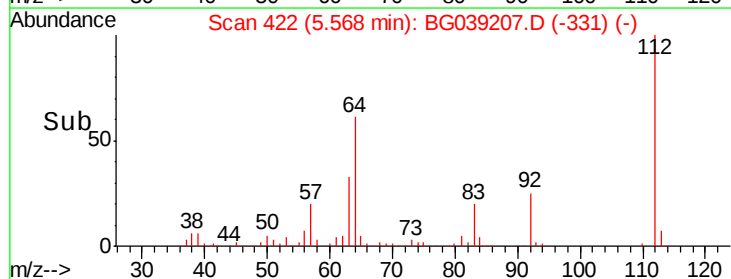
63 33.2 28.0 42.0



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: 113.545 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039207.D

Acq: 18 Jan 2019 6:25

Instrument :

BNA_G

ClientSampleId :

WC-06-011519

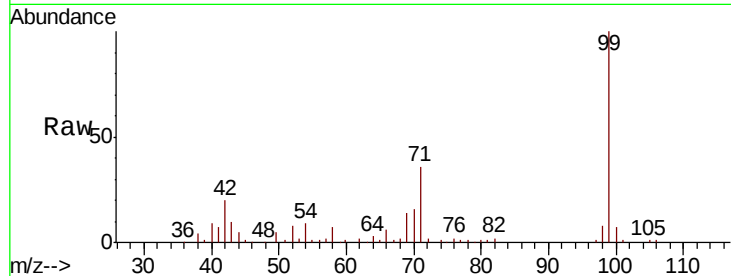
Tot Ion: 99 Resp: 166802

Ion Ratio Lower Upper

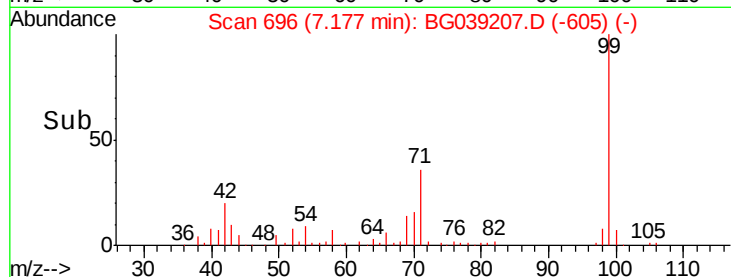
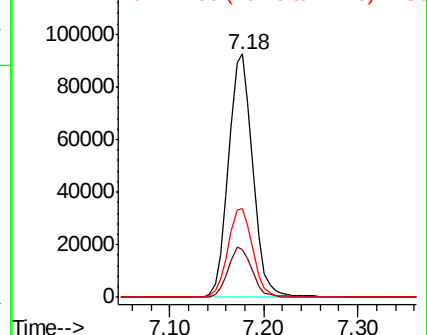
99 100

42 19.8 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: BG039207.D

Acq: 18 Jan 2019 6:25

Tgt Ion: 136 Resp: 82524

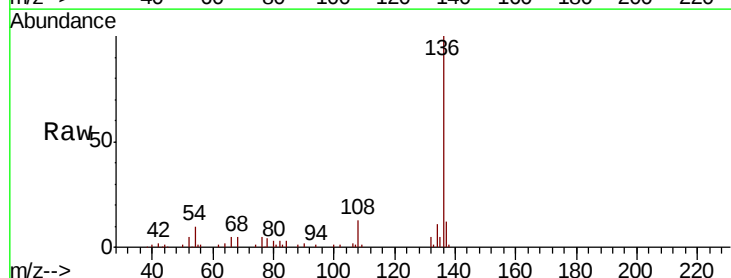
Ion Ratio Lower Upper

136 100

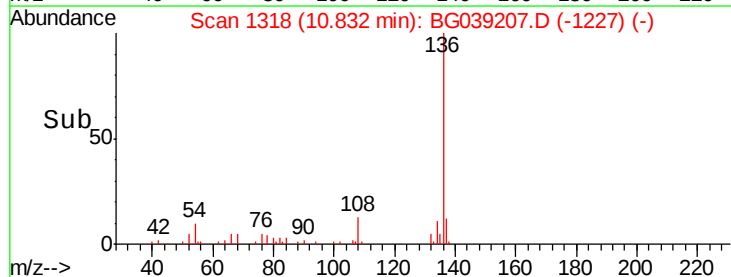
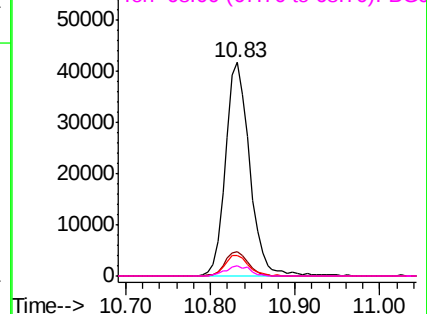
137 11.7 9.4 14.2

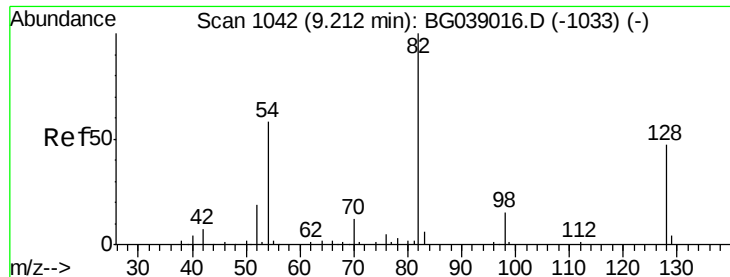
54 9.5 7.2 10.8

68 4.9 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

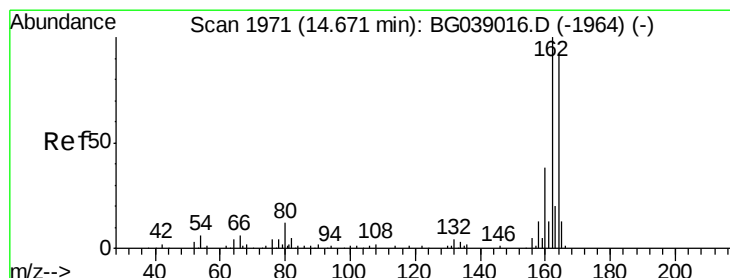
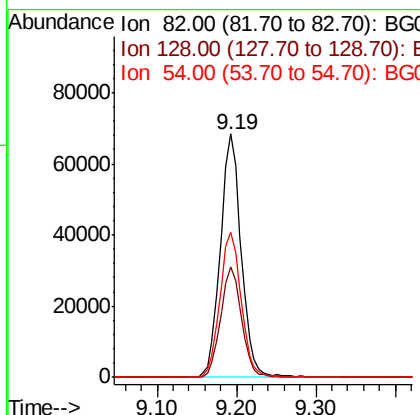
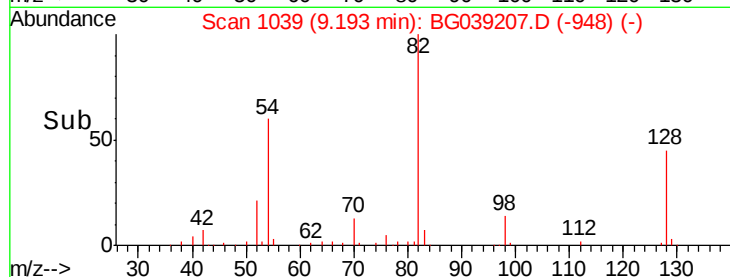
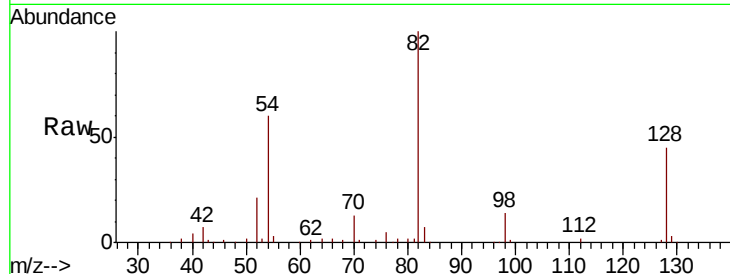




#23
Nitrobenzene-d5
Concen: 82.356 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

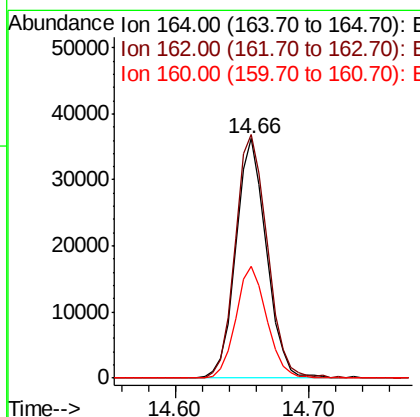
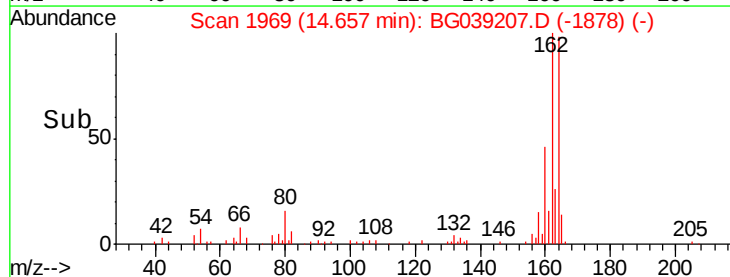
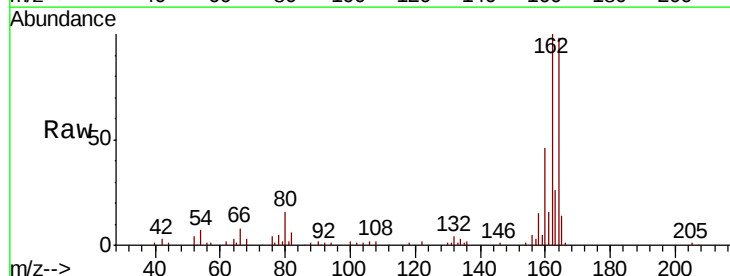
Instrument :
BNA_G
ClientSampleId :
WC-06-011519

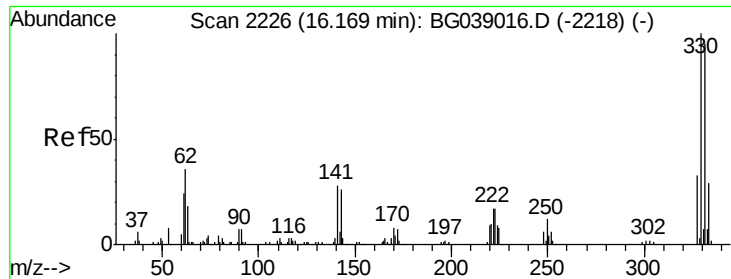
Tot Ion	82	Resp	124203
Ion Ratio	Lower	Upper	
82	100		
128	45.2	37.3	55.9
54	59.5	46.4	69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG039207.D
Acq: 18 Jan 2019 6:25

Tgt Ion	164	Resp	57394
Ion Ratio	Lower	Upper	
164	100		
162	101.7	87.2	130.8
160	46.7	33.3	49.9

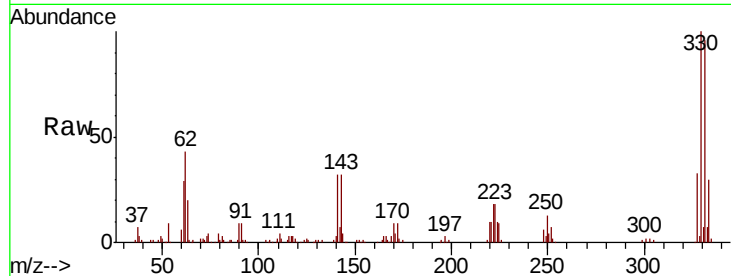




#42
 2,4,6-Tribromophenol
 Concen: 123.109 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG039207.D
 Acq: 18 Jan 2019 6:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-06-011519

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	33.2	24.9	37.3

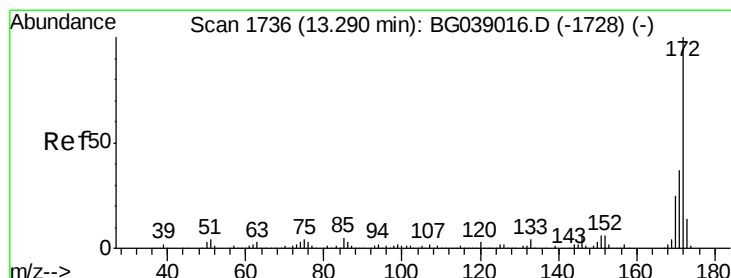
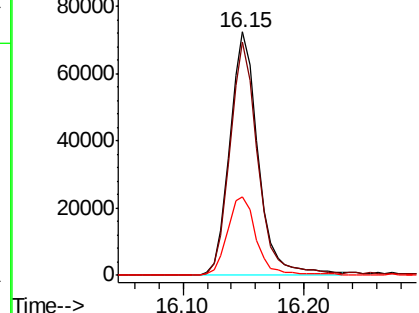
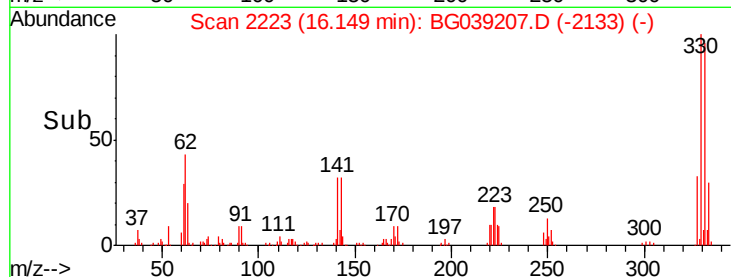


Abundance

Ion 329.80 (329.50 to 330.50): E

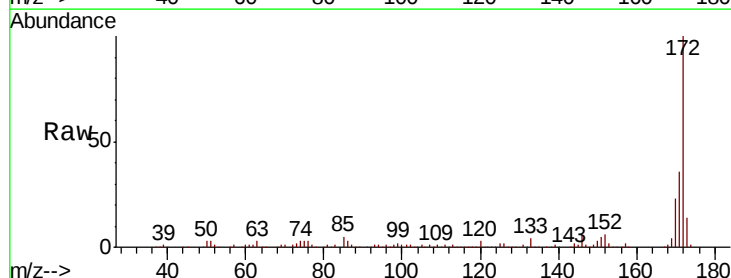
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.633 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG039207.D
 Acq: 18 Jan 2019 6:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.1	20.1	30.1

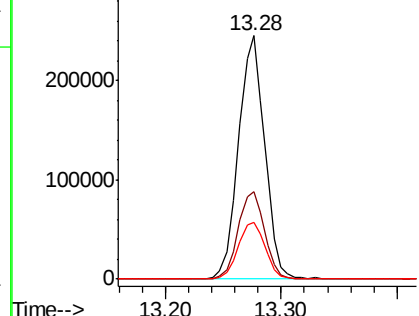
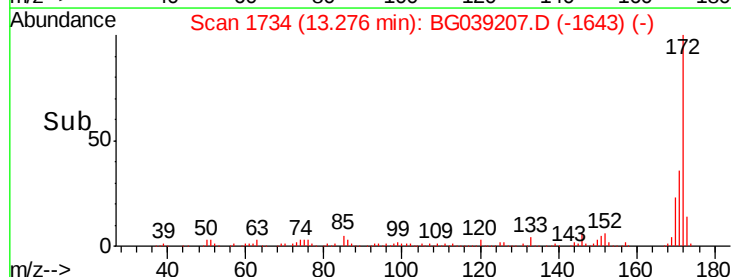


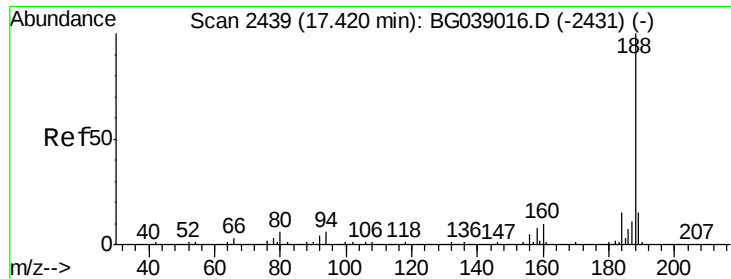
Abundance

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: BG039207.D

Acq: 18 Jan 2019 6:25

Instrument :

BNA_G

ClientSampleId :

WC-06-011519

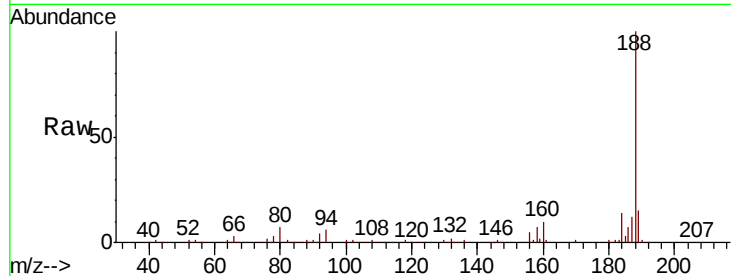
Tot Ion:188 Resp: 180109

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

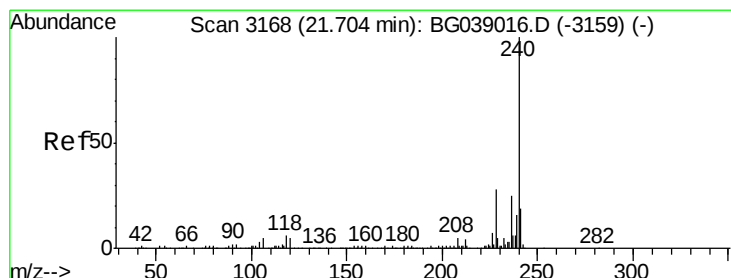
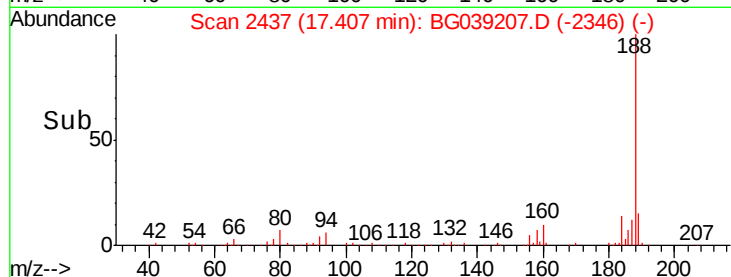
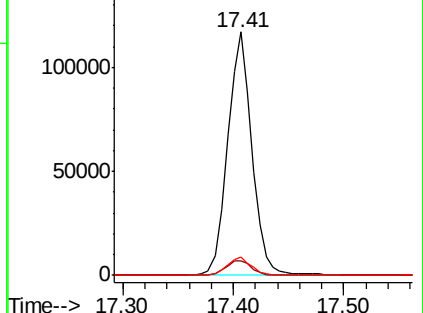
80 7.3 4.7 7.1#



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: BG039207.D

Acq: 18 Jan 2019 6:25

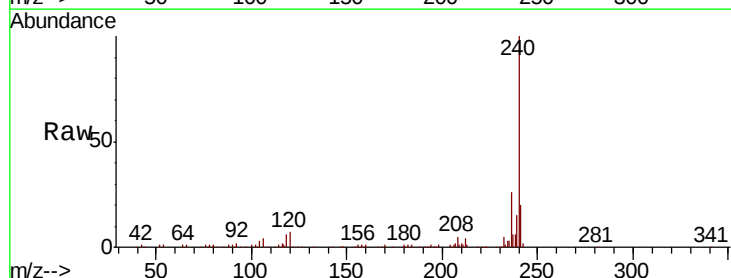
Tgt Ion:240 Resp: 181996

Ion Ratio Lower Upper

240 100

120 6.6 4.3 6.5#

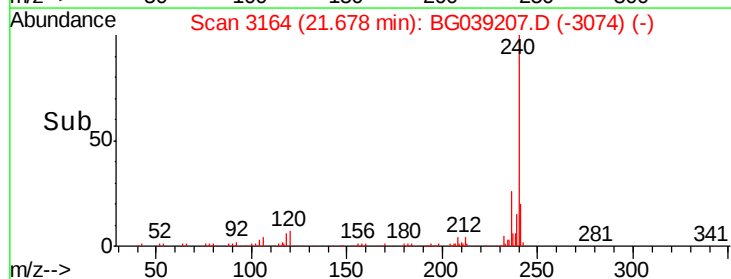
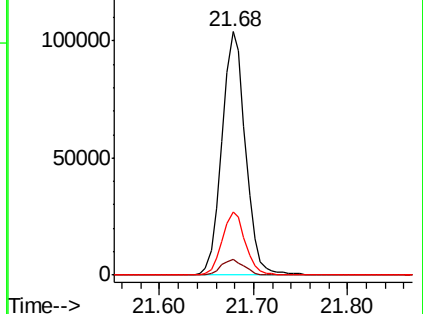
236 26.0 20.1 30.1

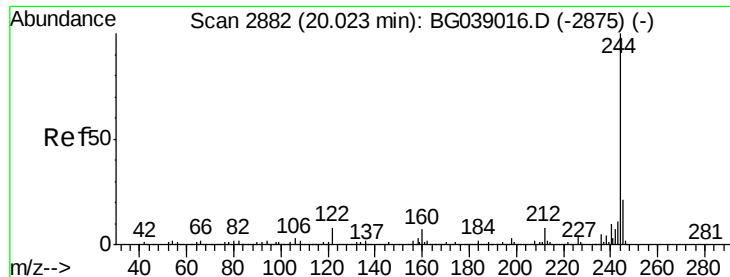


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.899 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039207.D

Acq: 18 Jan 2019 6:25

Instrument :

BNA_G

ClientSampleId :

WC-06-011519

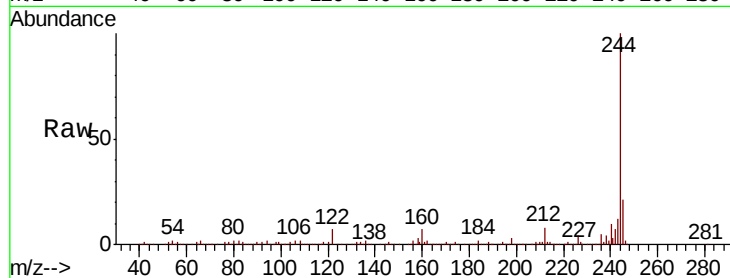
Tot Ion:244 Resp: 854932

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 7.2 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

800000

600000

400000

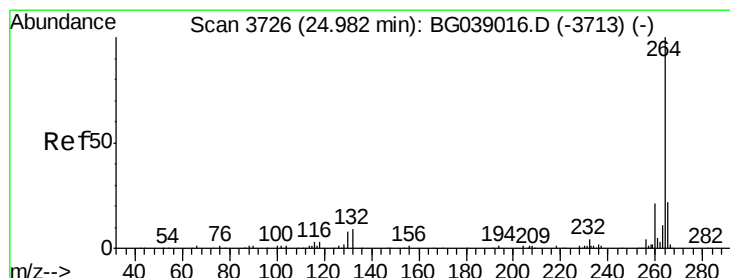
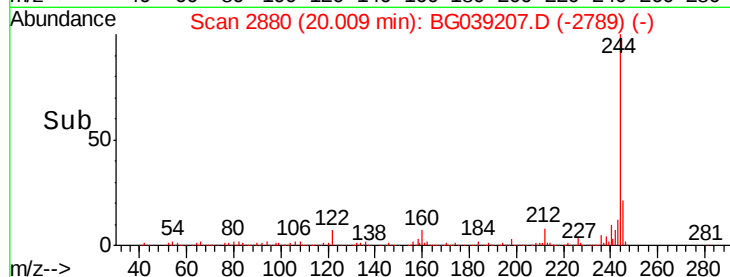
200000

0

20.01

19.90 20.00 20.10

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG039207.D

Acq: 18 Jan 2019 6:25

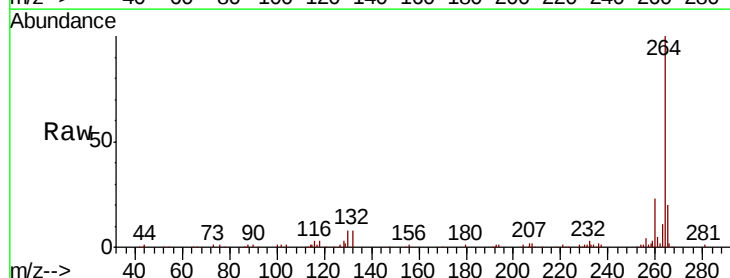
Tgt Ion:264 Resp: 192734

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.6

265 19.8 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

80000

60000

40000

20000

0

24.94

24.80 25.00 25.20

Time-->

