

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039208.D
 Acq On : 18 Jan 2019 7:04
 Operator : JU/SJ
 Sample : K1157-27
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-07-011519

Quant Time: Jan 18 07:58:58 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	8.02	152	21223	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	85098	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	57573	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	194722	20.00	ng	0.00
76) Chrysene-d12	21.68	240	194823	20.00	ng	0.00
87) Perylene-d12	24.95	264	193034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	149738	133.84	ng	0.00
7) Phenol-d6	7.18	99	179887	111.73	ng	0.00
23) Nitrobenzene-d5	9.19	82	150787	96.96	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	153550	159.11	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	372821	88.62	ng	0.00
79) Terphenyl-d14	20.01	244	913983	86.78	ng	0.00

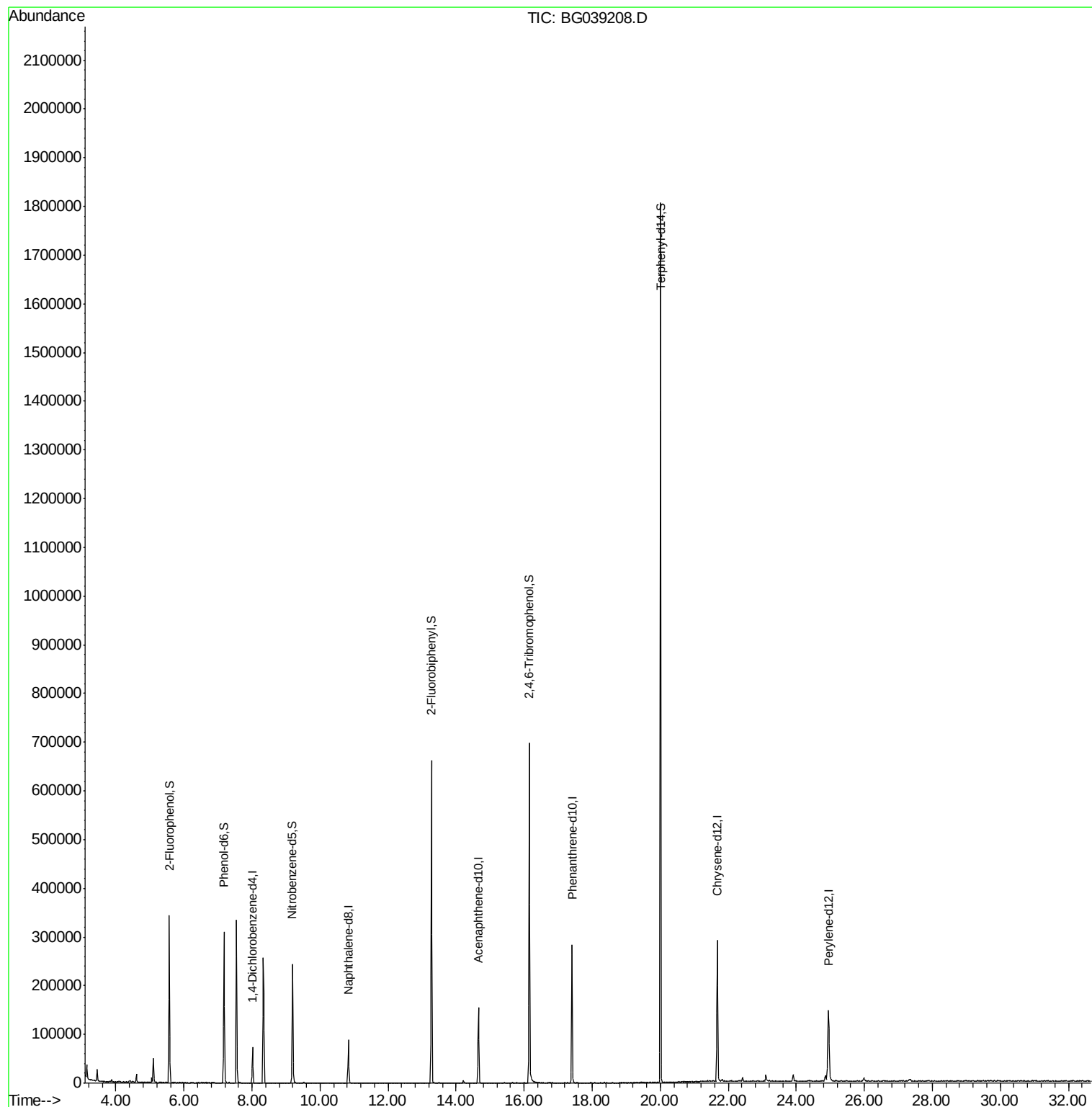
Target Compounds Qvalue

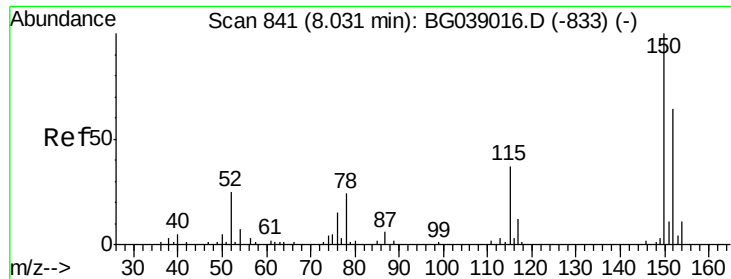
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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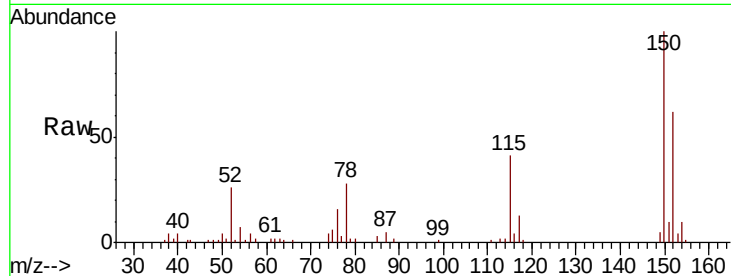


#1

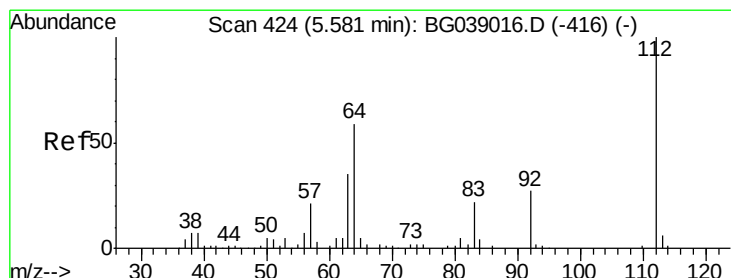
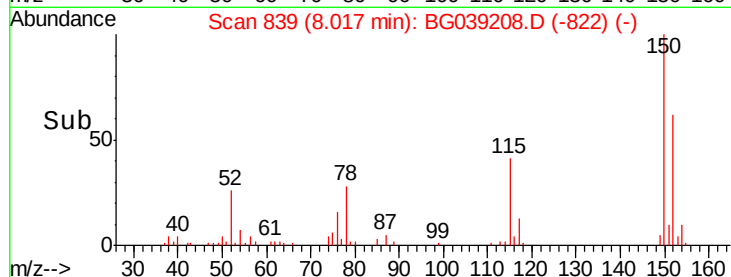
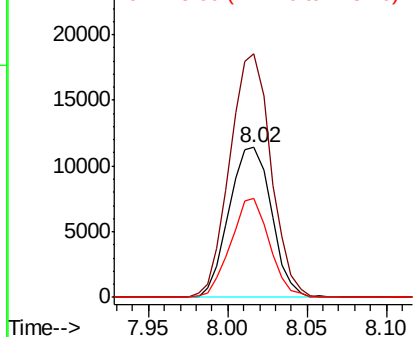
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG039208.D
Acq: 18 Jan 2019 7:04

Instrument :
BNA_G
ClientSampleId :
WC-07-011519

Tot Ion:152 Resp: 21223
Ion Ratio Lower Upper
152 100
150 162.2 124.7 187.1
115 66.1 46.5 69.7



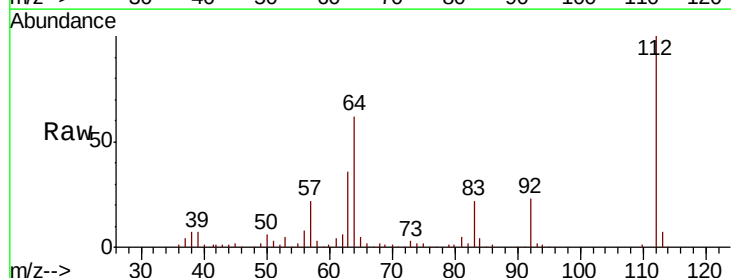
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



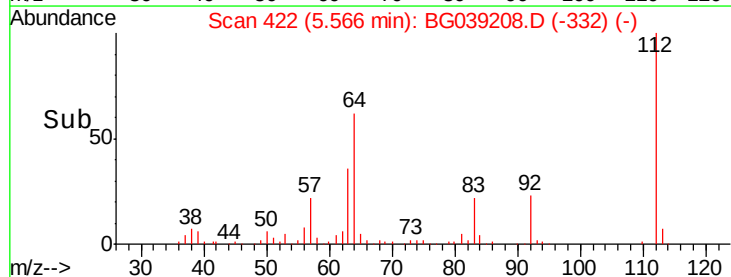
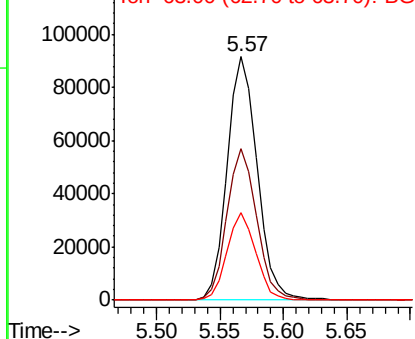
#5

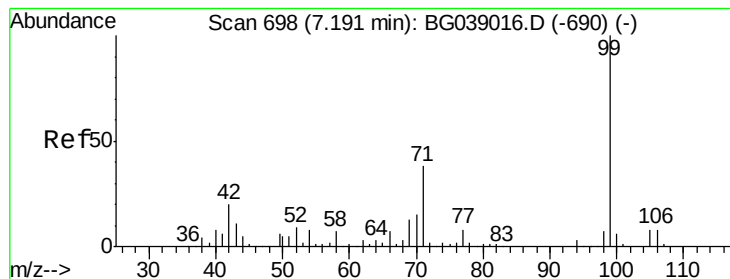
2-Fluorophenol
Concen: 133.841 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039208.D
Acq: 18 Jan 2019 7:04

Tgt Ion:112 Resp: 149738
Ion Ratio Lower Upper
112 100
64 62.3 47.0 70.6
63 35.9 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: 111.726 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039208.D

Acq: 18 Jan 2019 7:04

Instrument :

BNA_G

ClientSampleId :

WC-07-011519

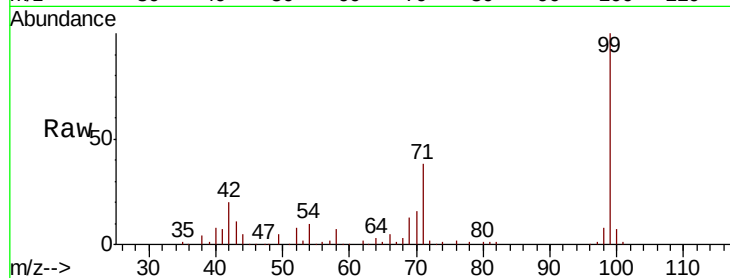
Tot Ion: 99 Resp: 179887

Ion Ratio Lower Upper

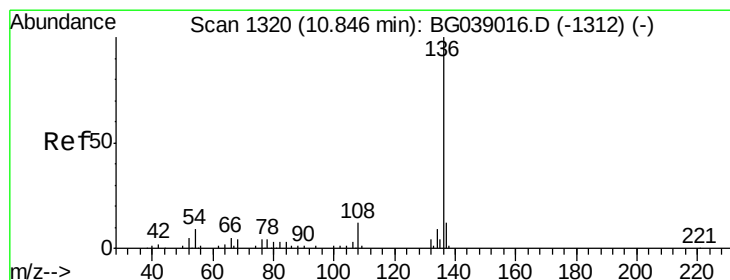
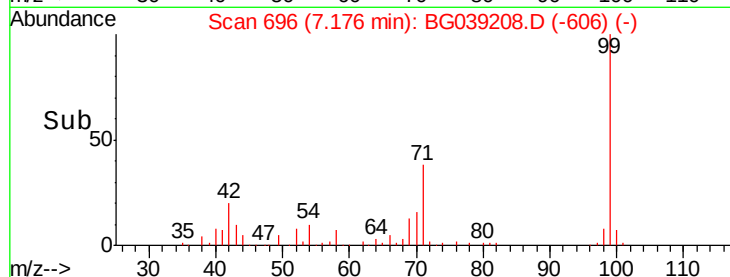
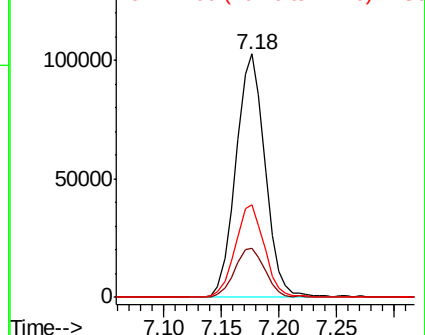
99 100

42 20.2 15.8 23.6

71 38.2 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: BG039208.D

Acq: 18 Jan 2019 7:04

Tgt Ion:136 Resp: 85098

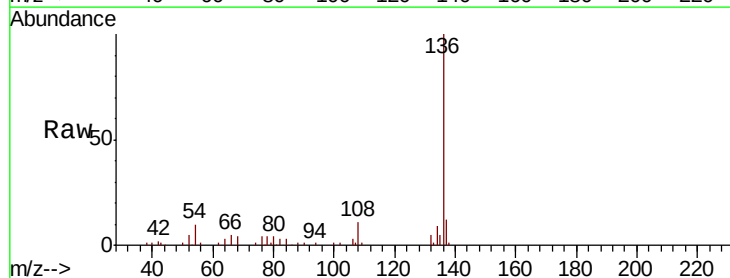
Ion Ratio Lower Upper

136 100

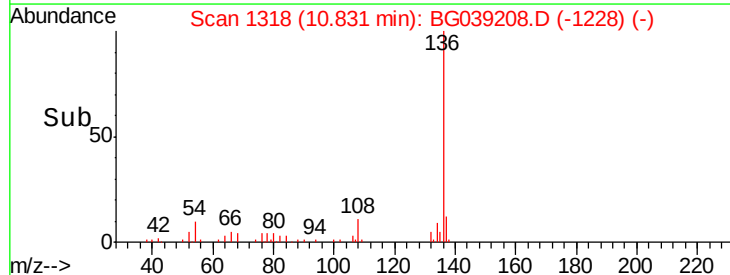
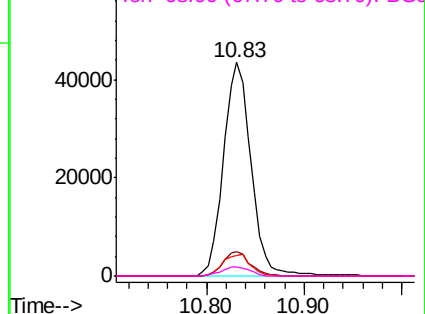
137 11.5 9.4 14.2

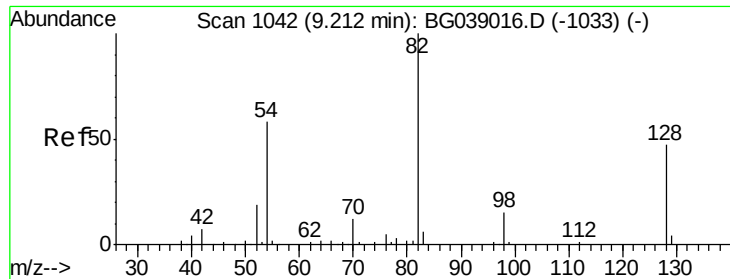
54 9.6 7.2 10.8

68 4.4 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

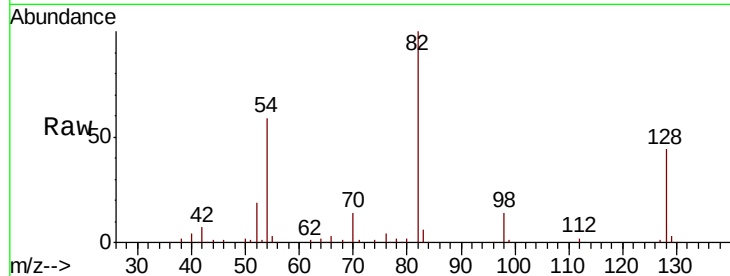




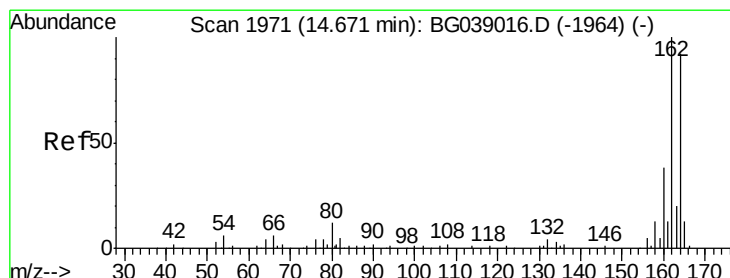
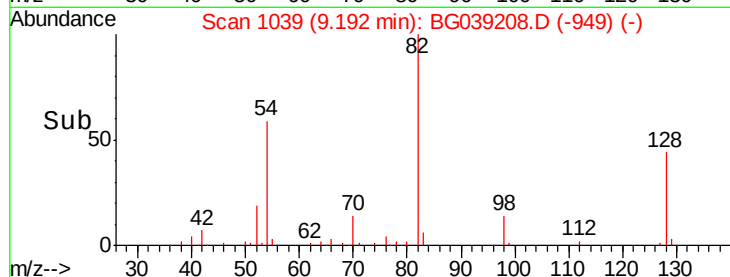
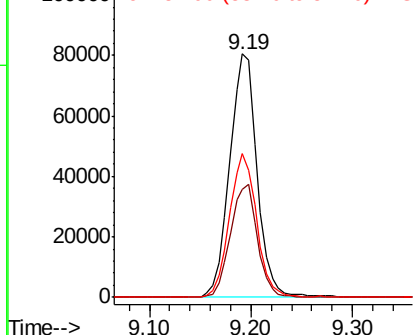
#23
 Nitrobenzene-d5
 Concen: 96.959 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG039208.D
 Acq: 18 Jan 2019 7:04

Instrument :
 BNA_G
 ClientSampled :
 WC-07-011519

Tot Ion: 82 Resp: 150787
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.3 55.9
 54 59.2 46.4 69.6

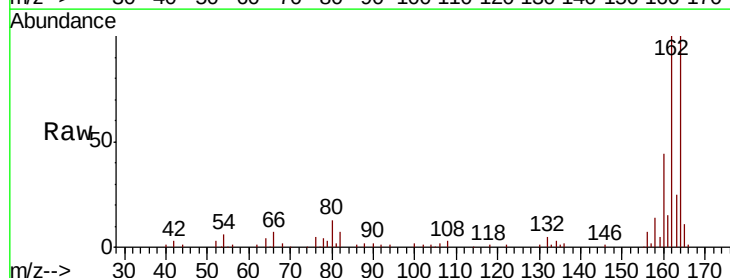


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

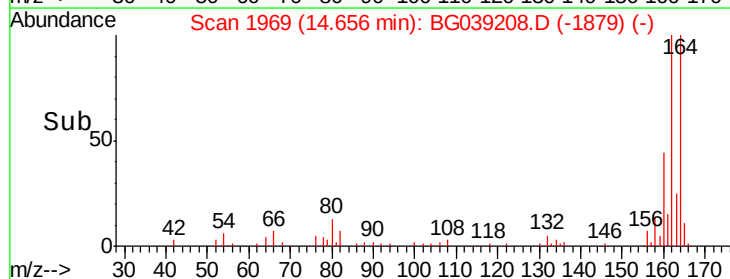
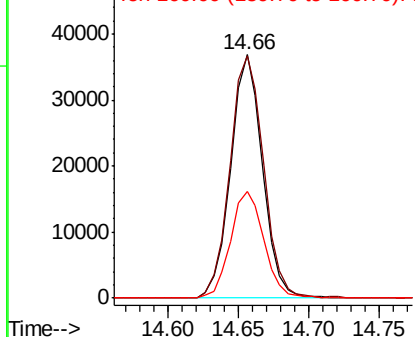


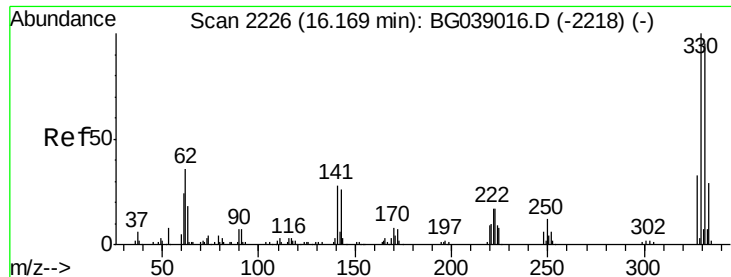
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BG039208.D
 Acq: 18 Jan 2019 7:04

Tgt Ion: 164 Resp: 57573
 Ion Ratio Lower Upper
 164 100
 162 99.5 87.2 130.8
 160 43.7 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 159.106 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039208.D

Acq: 18 Jan 2019 7:04

Instrument :

BNA_G

ClientSampleId :

WC-07-011519

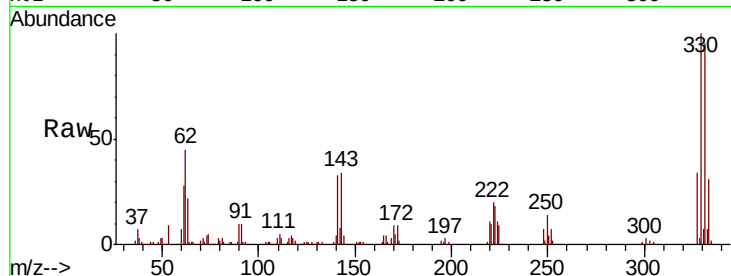
Tot Ion:330 Resp: 153550

Ion Ratio Lower Upper

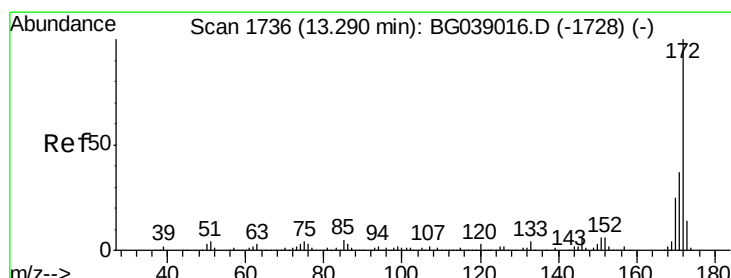
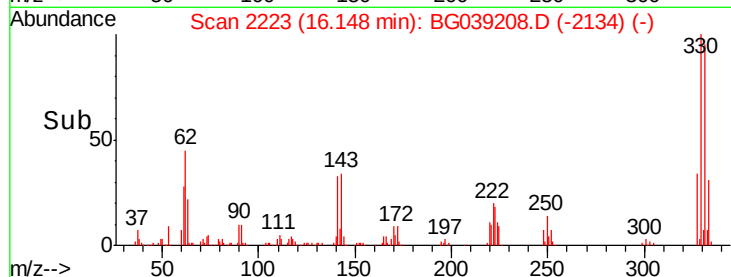
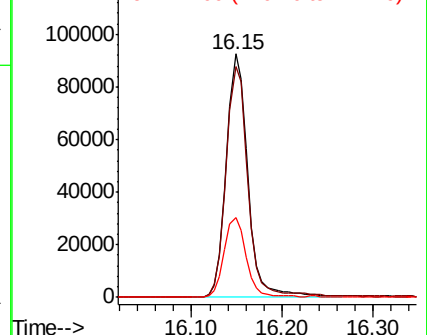
330 100

332 96.9 75.7 113.5

141 33.6 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: 88.623 ng

RT: 13.28 min Scan# 1734

Delta R.T. 0.00 min

Lab File: BG039208.D

Acq: 18 Jan 2019 7:04

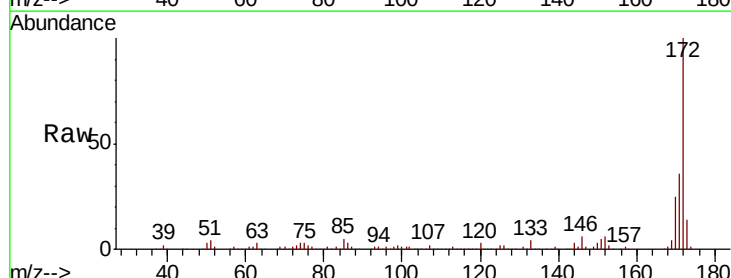
Tgt Ion:172 Resp: 372821

Ion Ratio Lower Upper

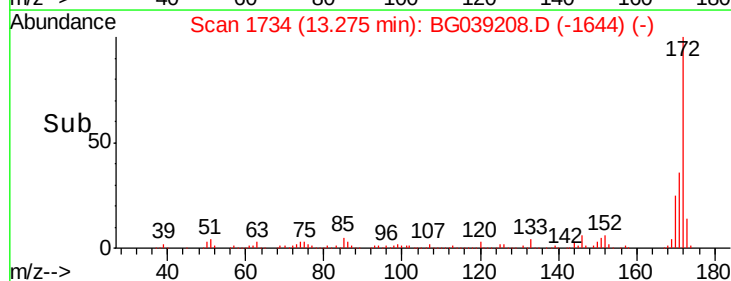
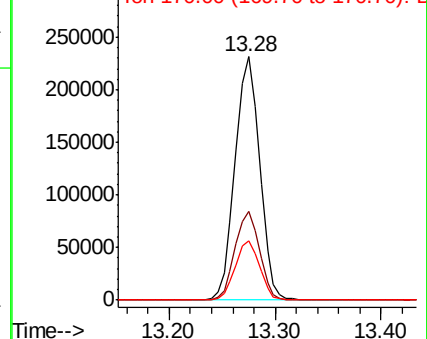
172 100

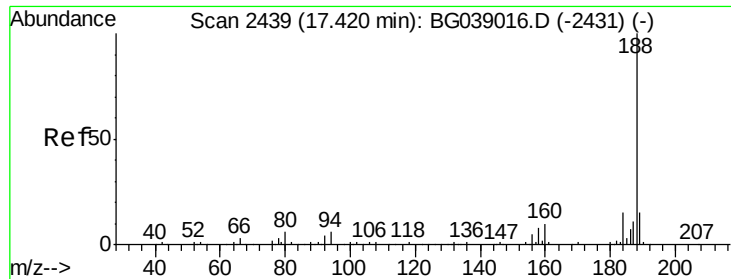
171 36.3 29.4 44.0

170 24.6 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

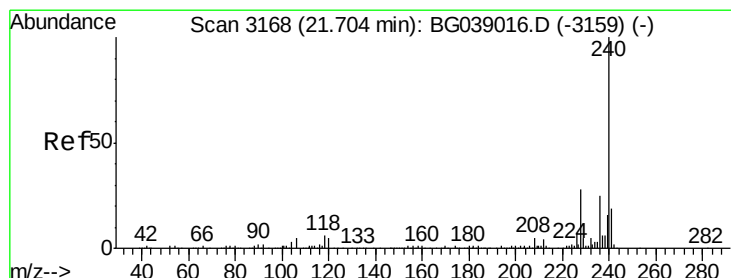
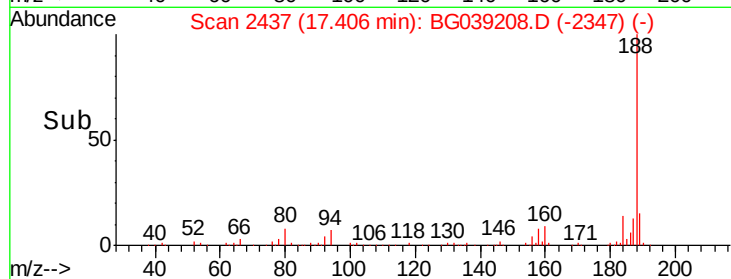
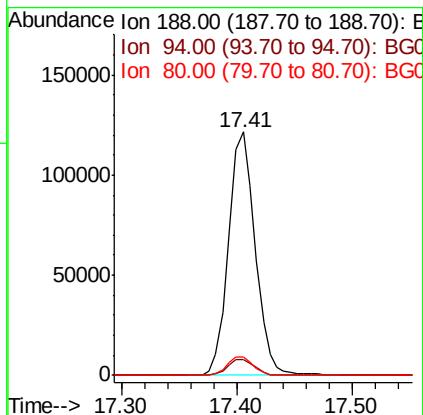
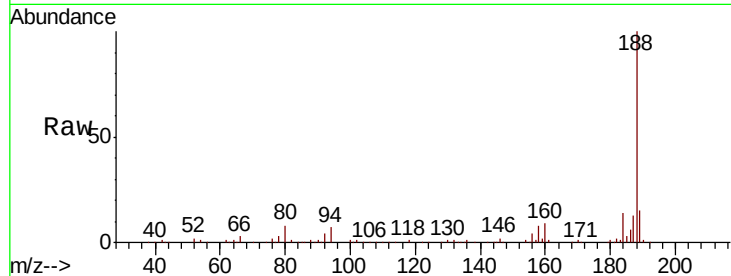




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039208.D
Acq: 18 Jan 2019 7:04

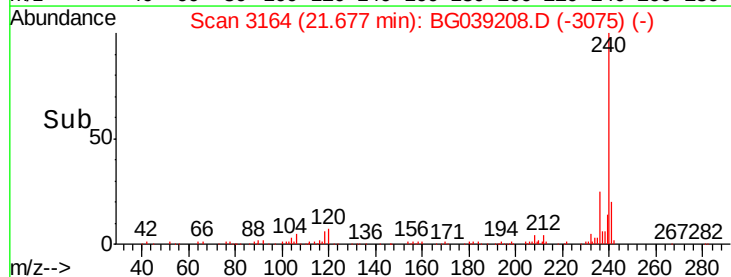
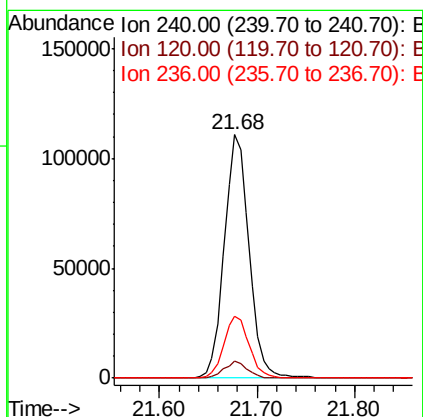
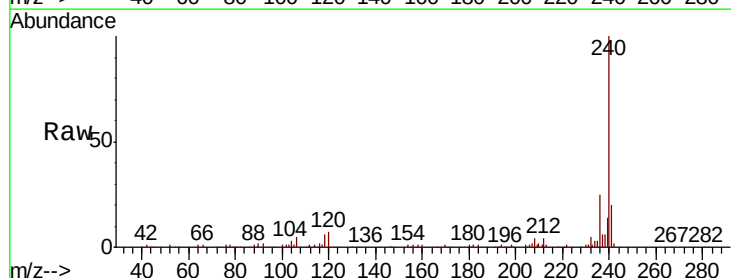
Instrument :
BNA_G
ClientSampleId :
WC-07-011519

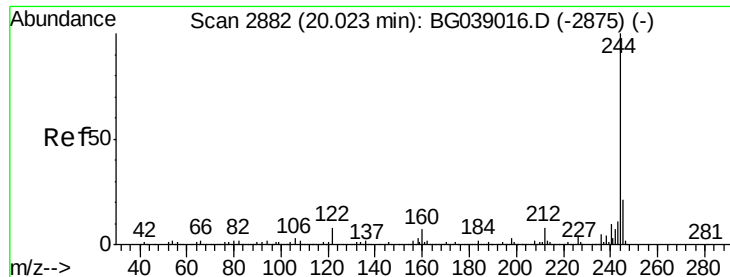
Tot Ion:188 Resp: 194722
Ion Ratio Lower Upper
188 100
94 6.5 5.0 7.4
80 7.6 4.7 7.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039208.D
Acq: 18 Jan 2019 7:04

Tgt Ion:240 Resp: 194823
Ion Ratio Lower Upper
240 100
120 7.2 4.3 6.5#
236 25.3 20.1 30.1





#79

Terphenyl-d14

Concen: 86.785 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039208.D

Acq: 18 Jan 2019 7:04

Instrument :

BNA_G

ClientSampleId :

WC-07-011519

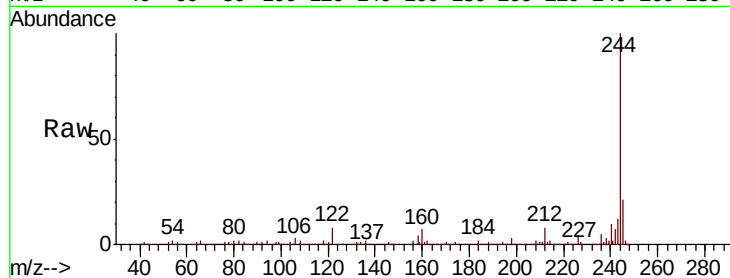
Tot Ion:244 Resp: 913983

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

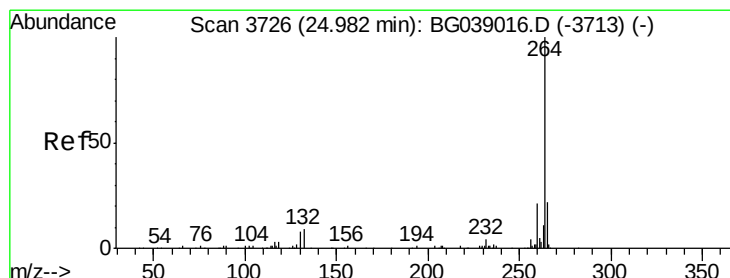
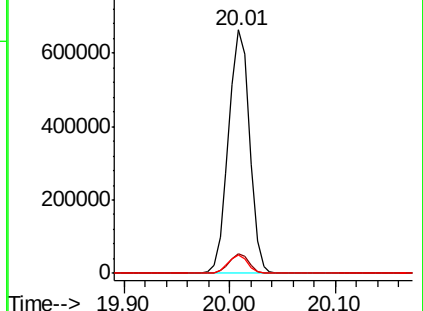
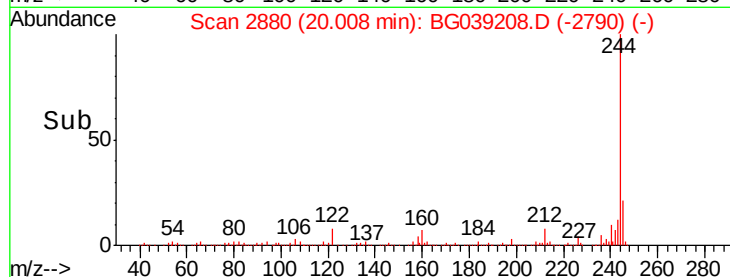
122 7.8 6.1 9.1



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: 24.95 min Scan# 3721

Delta R.T. 0.00 min

Lab File: BG039208.D

Acq: 18 Jan 2019 7:04

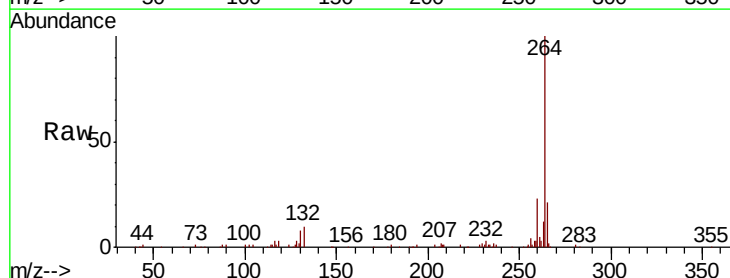
Tgt Ion:264 Resp: 193034

Ion Ratio Lower Upper

264 100

260 22.9 17.0 25.6

265 21.4 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

