

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020519\
 Data File : BG039361.D
 Acq On : 5 Feb 2019 19:26
 Operator : JU/SJ
 Sample : K1346-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-020419-C

Quant Time: Feb 05 23:11:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

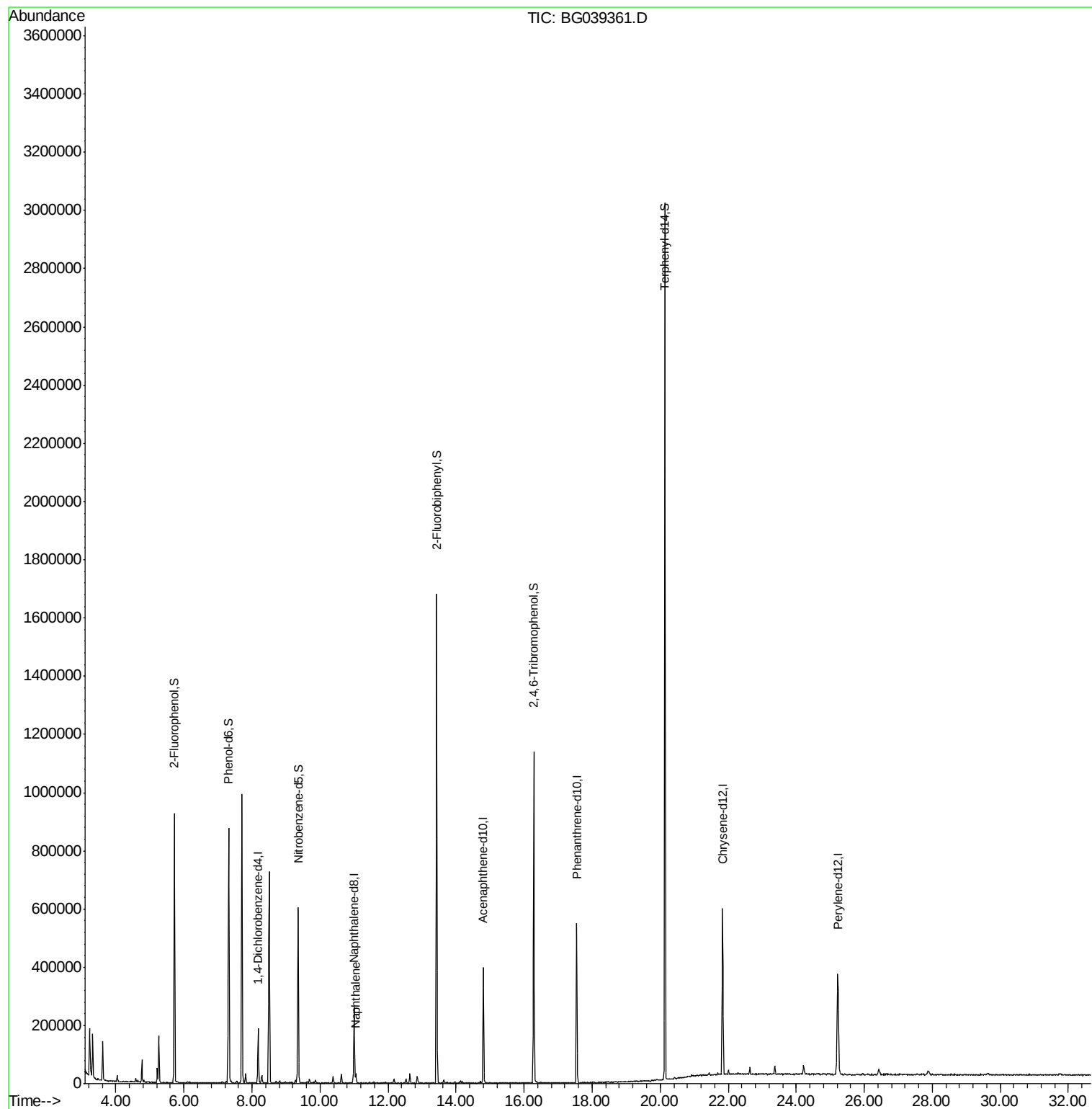
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50148	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	214291	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	134307	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	325937	20.00	ng	0.00
76) Chrysene-d12	21.83	240	358412	20.00	ng	-0.01
87) Perylene-d12	25.22	264	357366	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	380714	129.93	ng	0.00
7) Phenol-d6	7.32	99	492810	114.26	ng	0.00
23) Nitrobenzene-d5	9.36	82	343743	100.21	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	184555	127.61	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	861865	92.06	ng	0.00
79) Terphenyl-d14	20.14	244	1393535	82.30	ng	0.00
Target Compounds						
31) Naphthalene	11.05	128	26949	2.535	ng	Qvalue 96

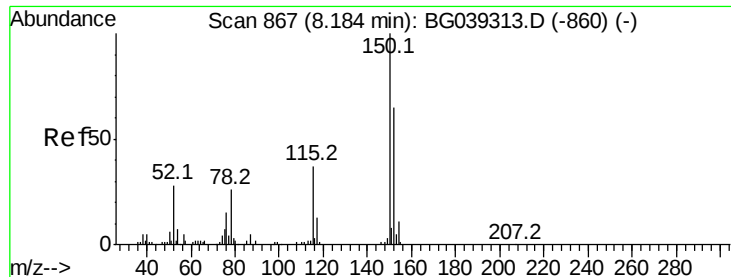
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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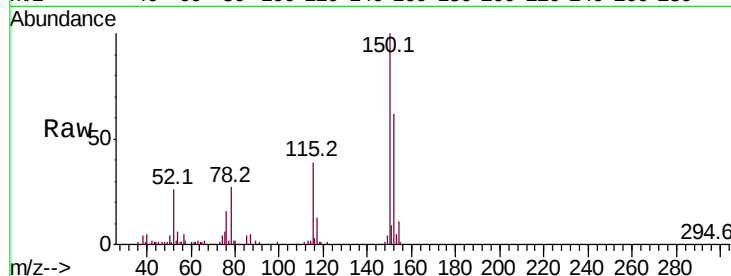


#1

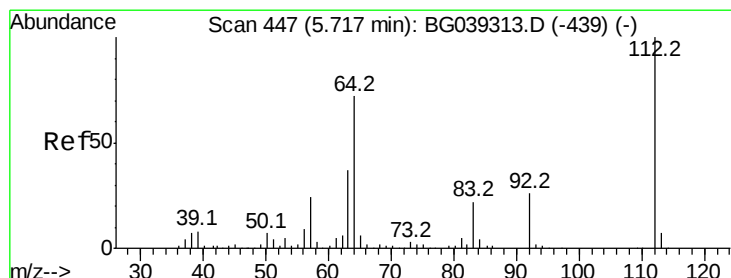
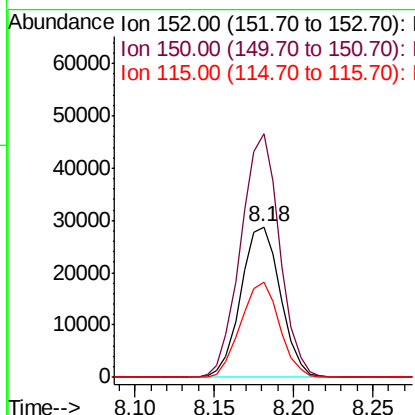
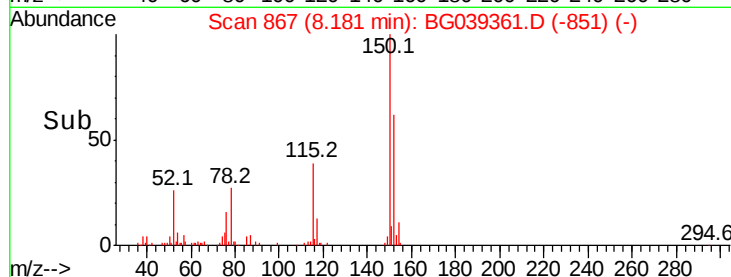
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Instrument :
BNA_G
ClientSampleId :
CL-02-020419-C

Tot Ion:152 Resp: 50148
Ion Ratio Lower Upper
152 100
150 161.7 123.7 185.5
115 63.4 45.9 68.9



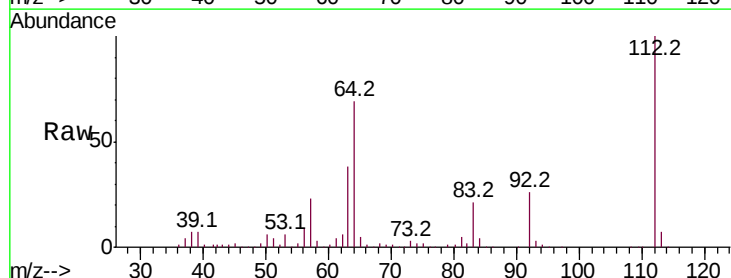
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



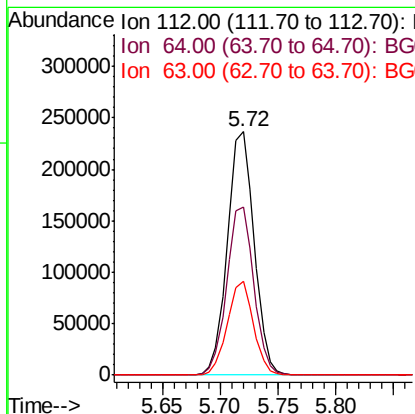
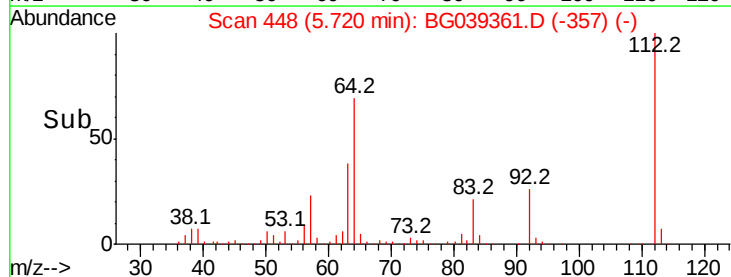
#5

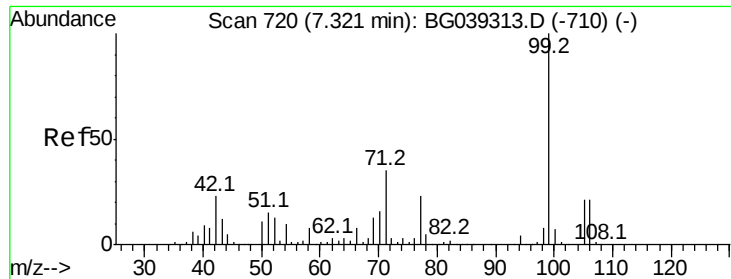
2-Fluorophenol
Concen: 129.934 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Tgt Ion:112 Resp: 380714
Ion Ratio Lower Upper
112 100
64 69.2 57.8 86.8
63 38.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.263 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

Instrument :

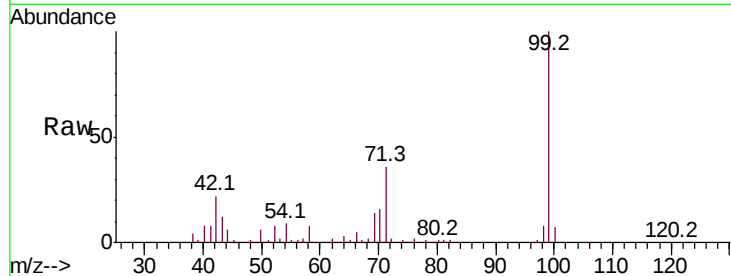
BNA_G

ClientSampleId :

CL-02-020419-C

Tot Ion: 99 Resp: 492810

Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.2	27.2
71	35.9	28.0	42.0

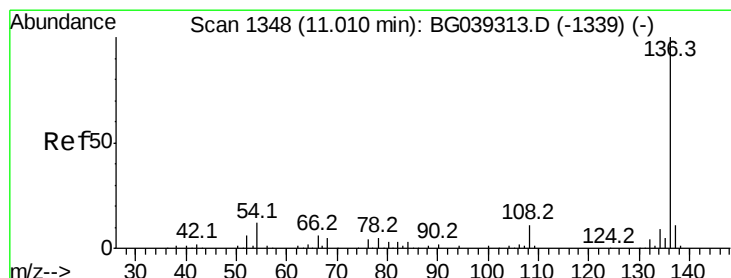
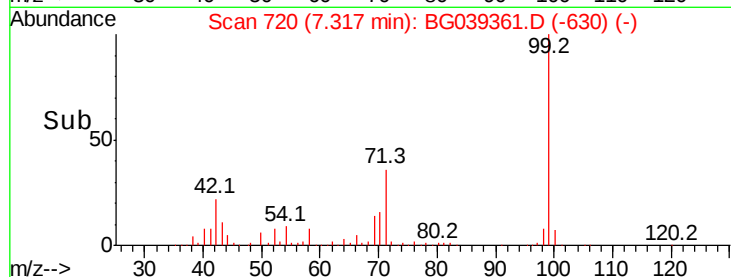
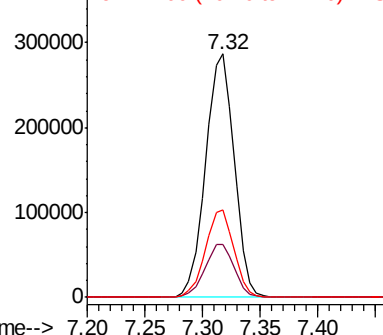


Abundance

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: 11.00 min Scan# 1347

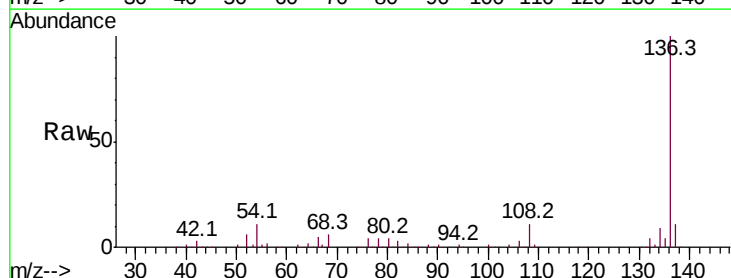
Delta R.T. -0.01 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

Tgt Ion: 136 Resp: 214291

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.6	9.4	14.2
68	5.9	4.2	6.4



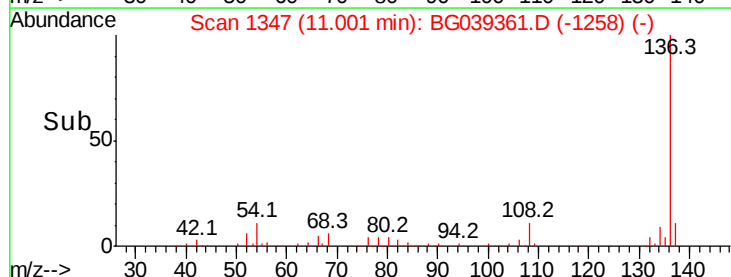
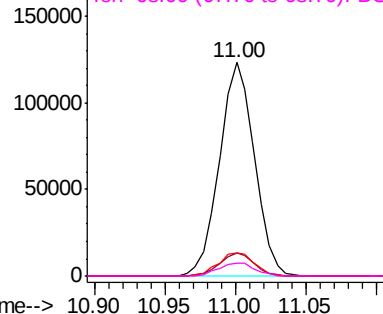
Abundance

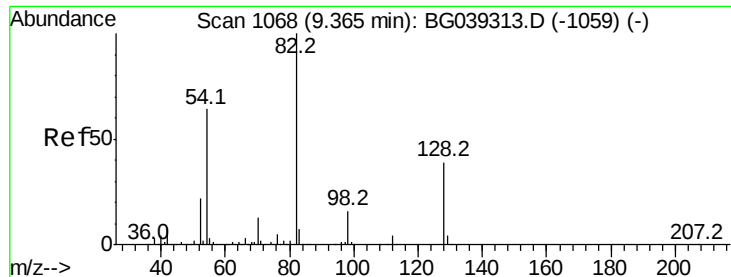
Ion 136.00 (135.70 to 136.70): BGC

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: 100.210 ng

RT: 9.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

Instrument :

BNA_G

ClientSampleId :

CL-02-020419-C

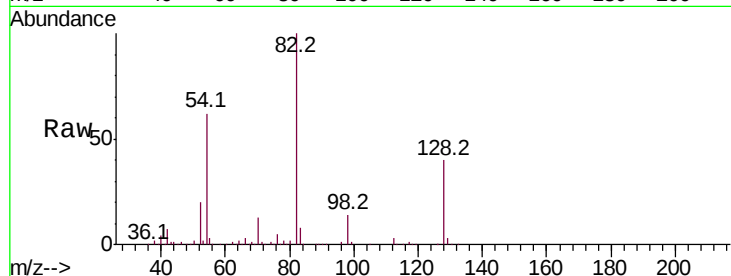
Tot Ion: 82 Resp: 343743

Ion Ratio Lower Upper

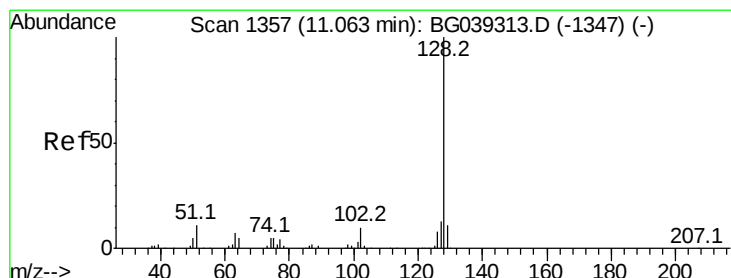
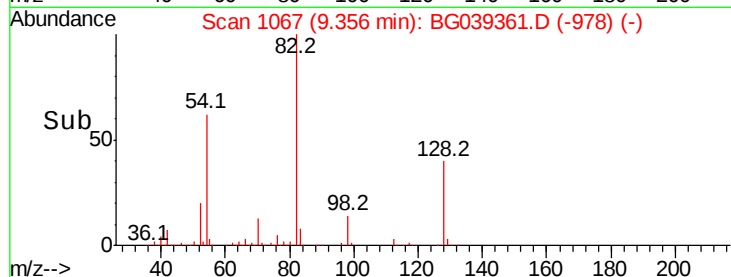
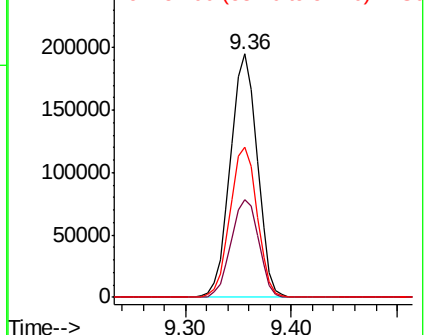
82 100

128 40.0 31.3 46.9

54 61.6 50.9 76.3



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



#31

Naphthalene

Concen: 2.535 ng

RT: 11.05 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

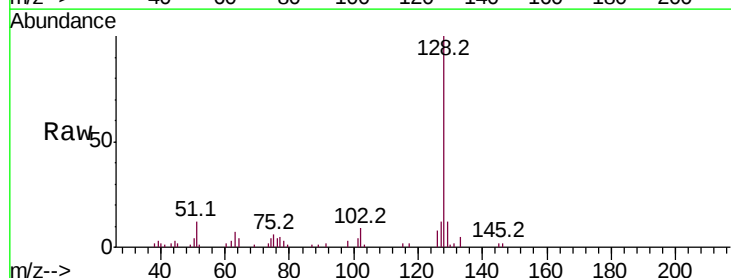
Tgt Ion: 128 Resp: 26949

Ion Ratio Lower Upper

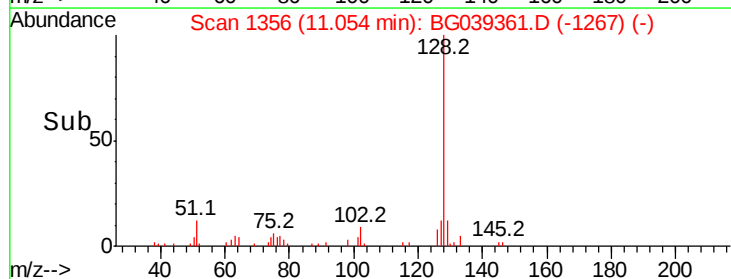
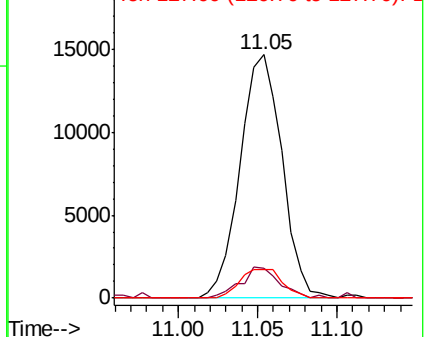
128 100

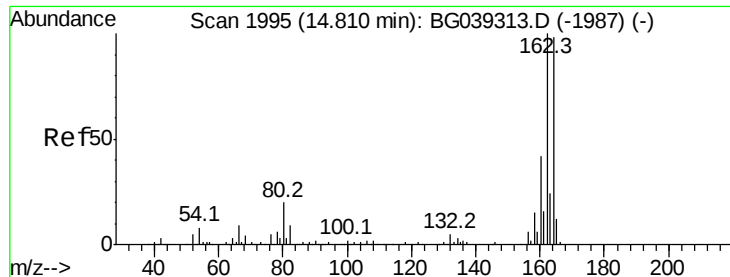
129 12.3 8.7 13.1

127 11.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

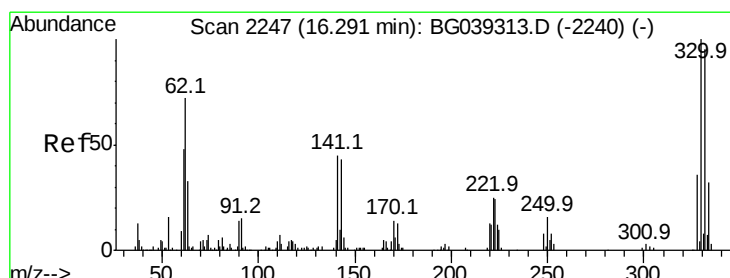
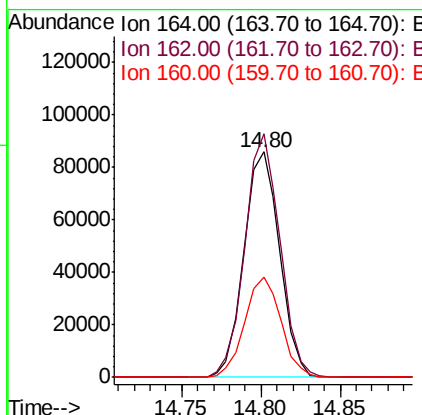
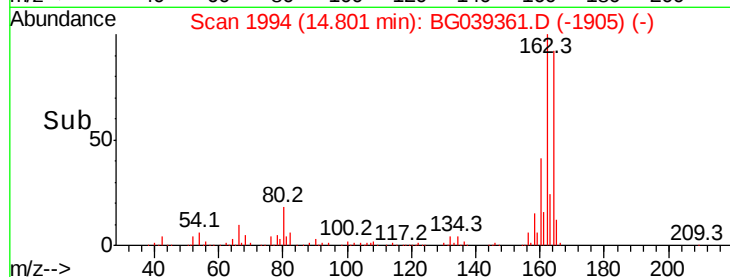
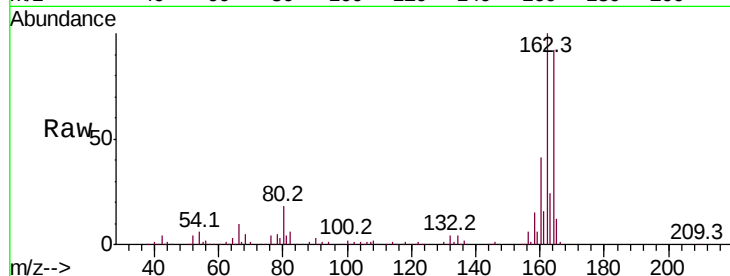




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

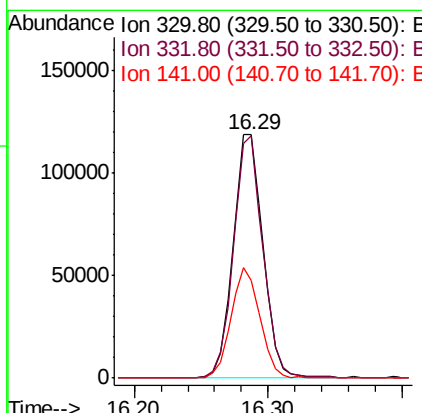
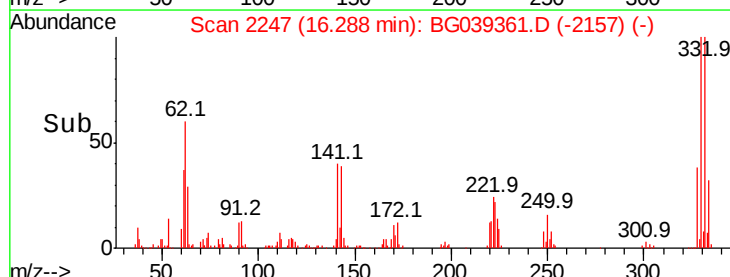
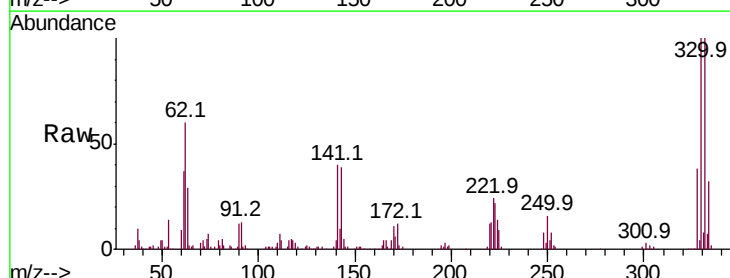
Instrument :
BNA_G
ClientSampleId :
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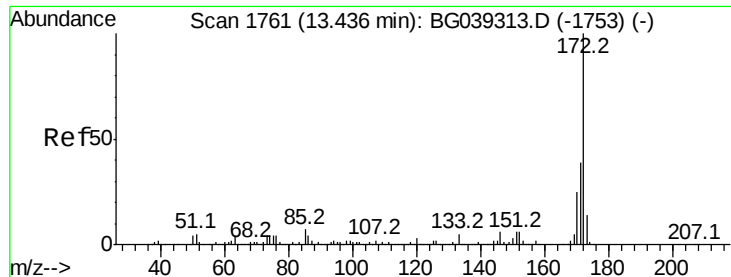
Tot Ion:164 Resp: 134307
Ion Ratio Lower Upper
164 100
162 108.1 81.6 122.4
160 44.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 127.609 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Tgt Ion:330 Resp: 184555
Ion Ratio Lower Upper
330 100
332 97.5 75.7 113.5
141 44.0 35.6 53.4

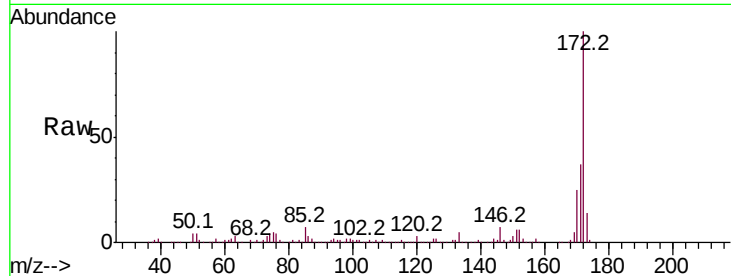




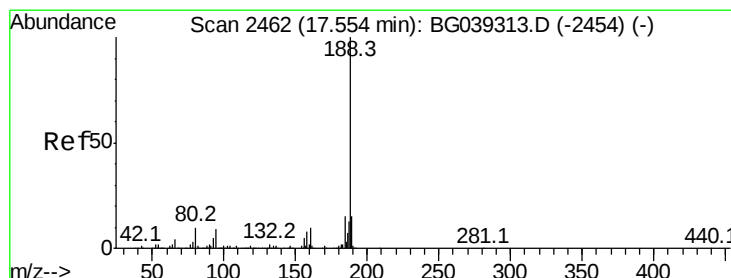
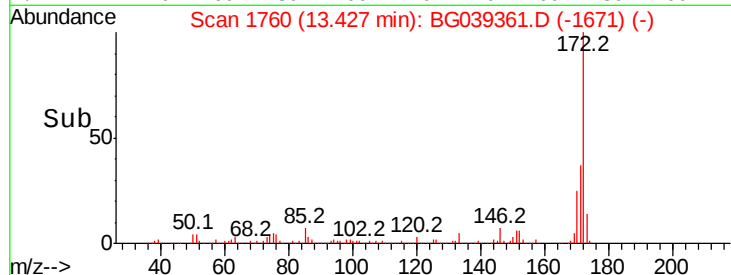
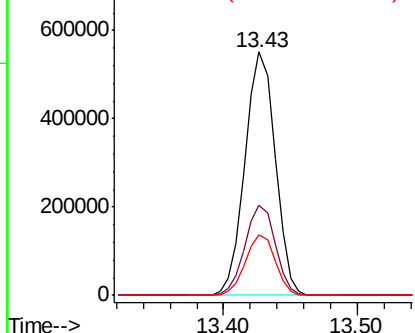
#45
2-Fluorobiphenyl
Concen: 92.057 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Instrument :
BNA_G
ClientSampleId :
CL-02-020419-C

Tot Ion:172 Resp: 861865
Ion Ratio Lower Upper
172 100
171 37.2 30.8 46.2
170 24.9 20.2 30.4

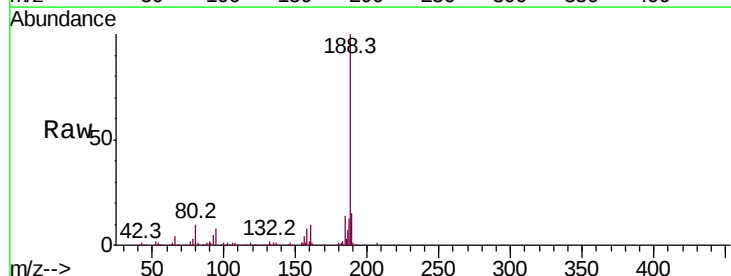


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

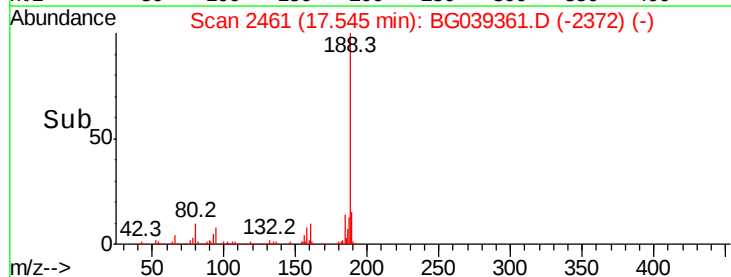
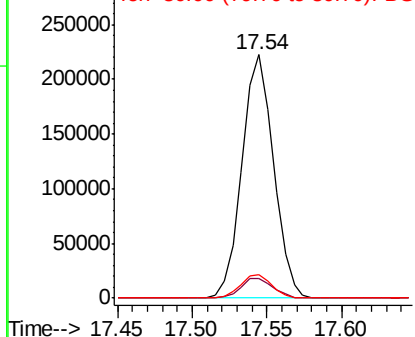


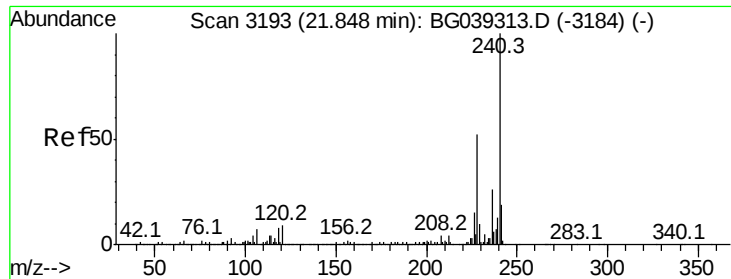
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Tgt Ion:188 Resp: 325937
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.6 8.1 12.1



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

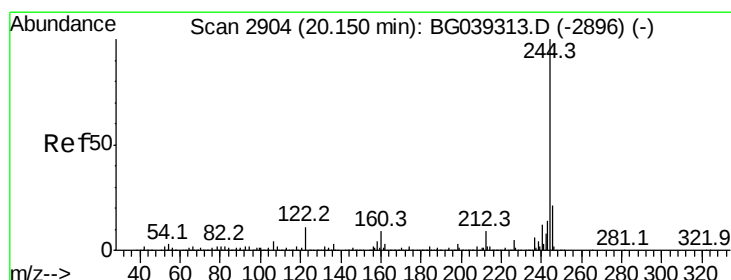
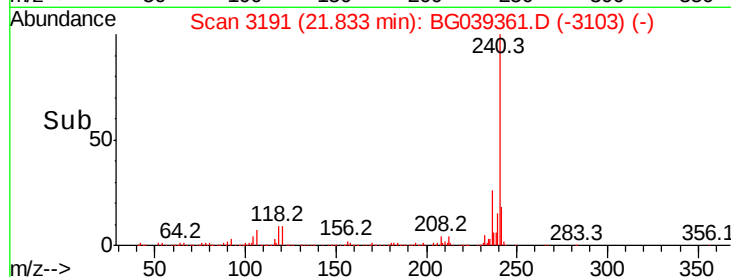
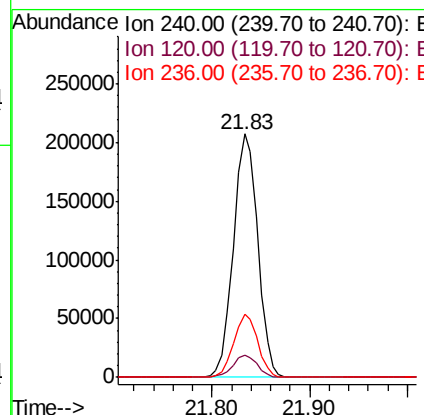
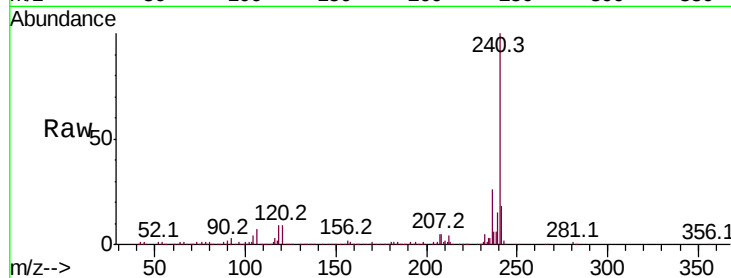




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BG039361.D
 Acq: 5 Feb 2019 19:26

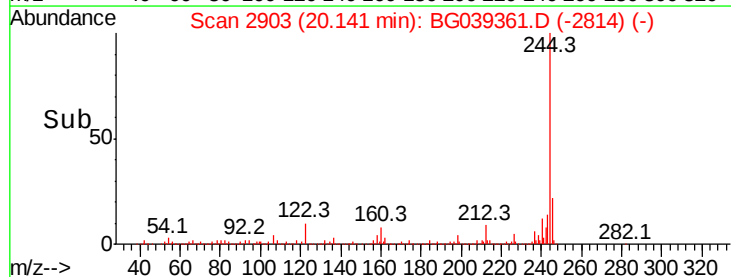
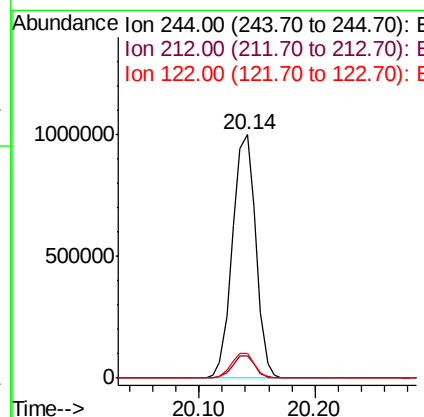
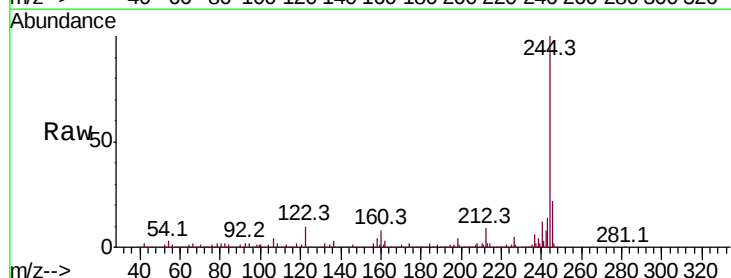
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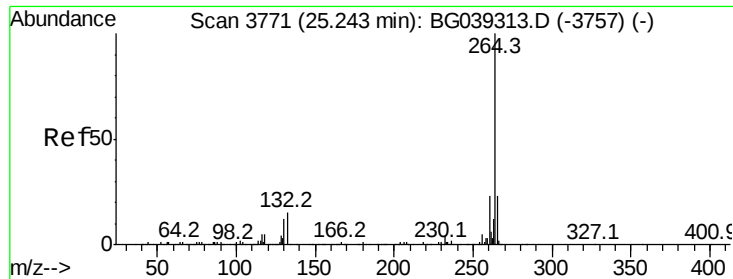
Tot Ion:240 Resp: 358412
 Ion Ratio Lower Upper
 240 100
 120 9.3 7.0 10.6
 236 26.2 21.0 31.4



#79
 Terphenyl-d14
 Concen: 82.299 ng
 RT: 20.14 min Scan# 2903
 Delta R.T. -0.01 min
 Lab File: BG039361.D
 Acq: 5 Feb 2019 19:26

Tgt Ion:244 Resp: 1393535
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.3 10.9
 122 10.0 8.4 12.6

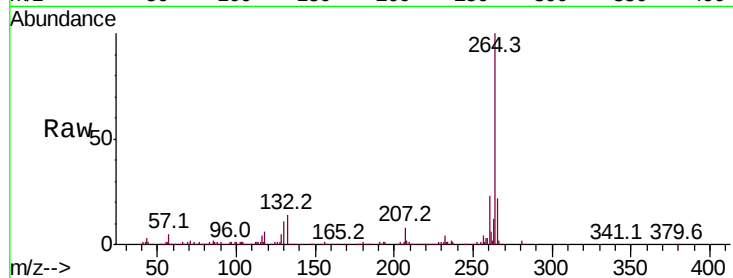




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Instrument :
BNA_G
ClientSampleId :
CL-02-020419-C

Tot Ion:	264	Resp:	357366
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.9	18.5	27.7



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

