

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
 Data File : BG039368.D
 Acq On : 6 Feb 2019 13:20
 Operator : JU/SJ
 Sample : PB116862BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BL

Quant Time: Feb 06 15:40:03 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	48069	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	206661	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	133630	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	335767	20.00	ng	0.00
76) Chrysene-d12	21.83	240	374479	20.00	ng	-0.01
87) Perylene-d12	25.22	264	368312	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	380084	135.33	ng	0.00
7) Phenol-d6	7.31	99	534814	129.37	ng	0.00
23) Nitrobenzene-d5	9.35	82	300586	90.86	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	183112	127.25	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	781358	83.88	ng	0.00
79) Terphenyl-d14	20.14	244	1330029	75.18	ng	-0.01

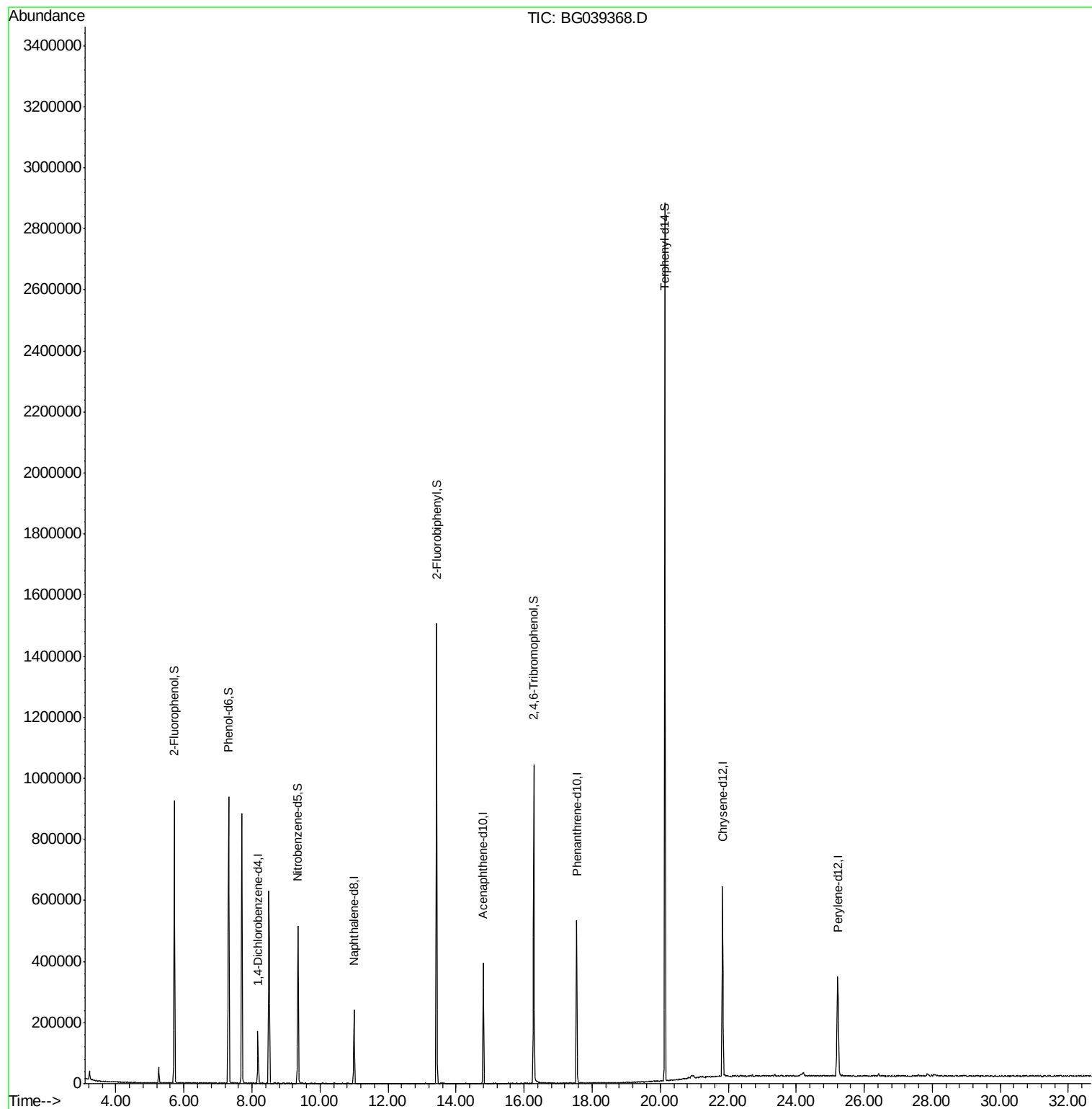
Target Compounds Qvalue

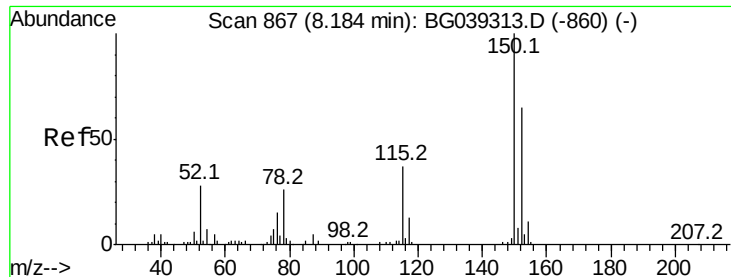
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039368.D

Acq: 6 Feb 2019 13:20

Instrument :

BNA_G

ClientSampleId :

PB116862BL

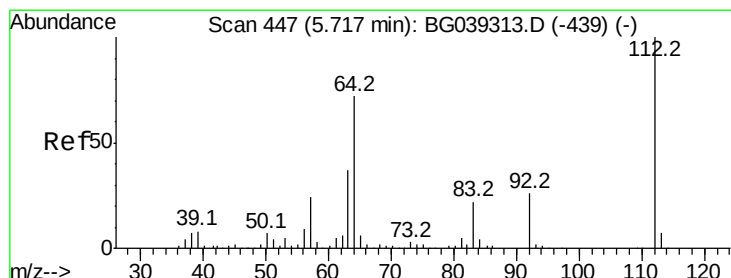
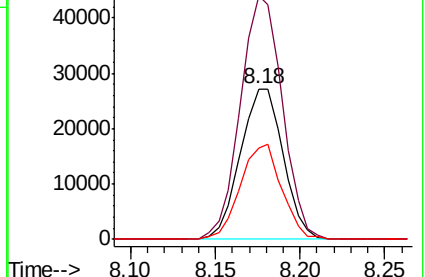
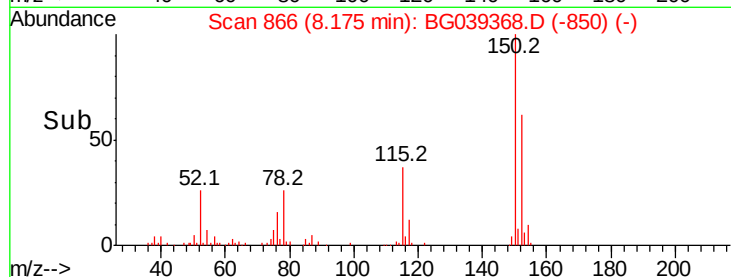
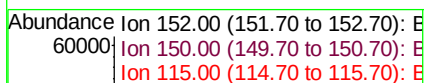
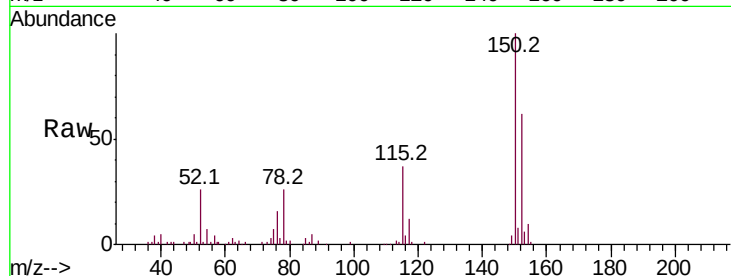
Tot Ion:152 Resp: 48069

Ion Ratio Lower Upper

152 100

150 161.6 123.7 185.5

115 60.3 45.9 68.9



#5

2-Fluorophenol

Concen: 135.330 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039368.D

Acq: 6 Feb 2019 13:20

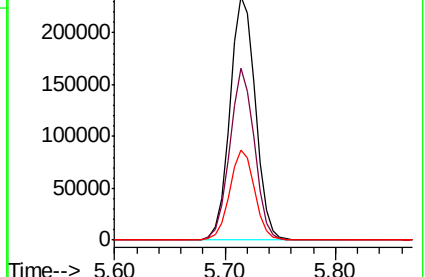
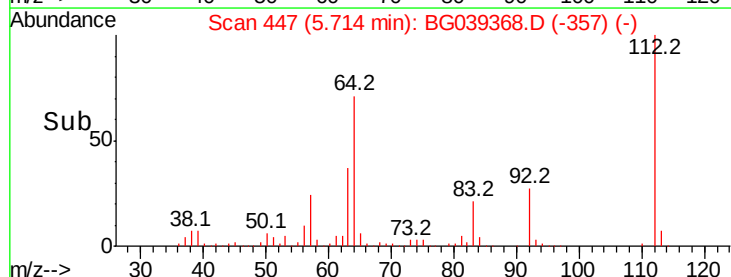
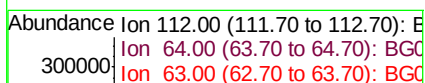
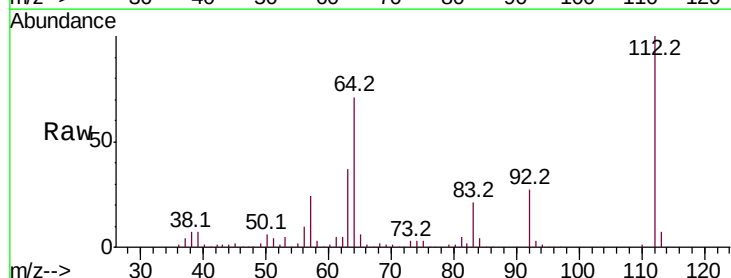
Tgt Ion:112 Resp: 380084

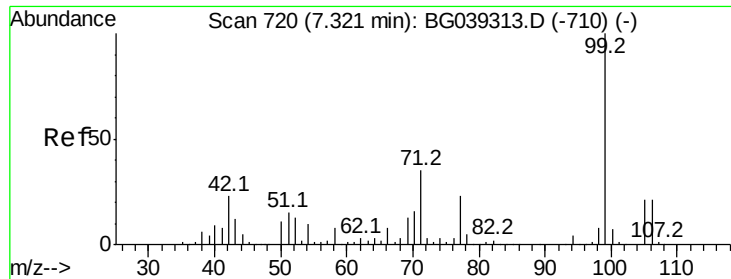
Ion Ratio Lower Upper

112 100

64 70.6 57.8 86.8

63 37.1 29.8 44.6





#7

Phenol-d6

Concen: 129.365 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039368.D

Acq: 6 Feb 2019 13:20

Instrument :

BNA_G

ClientSampleId :

PB116862BL

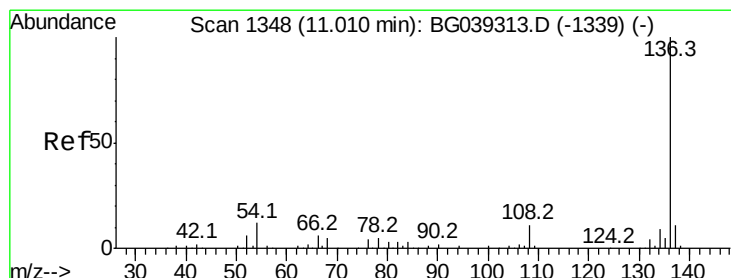
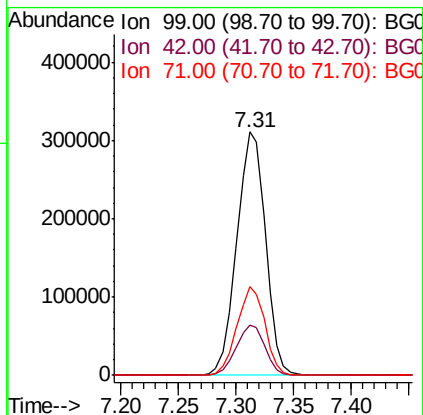
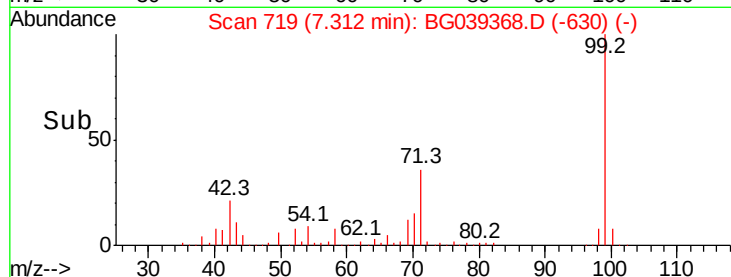
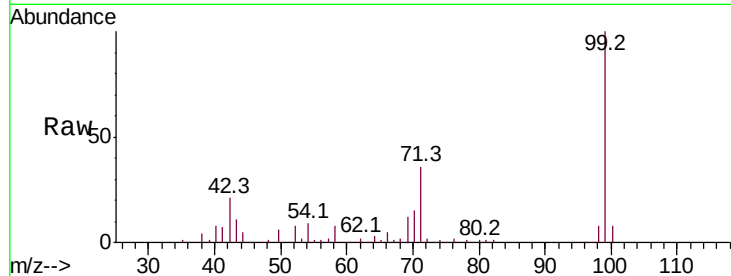
Tot Ion: 99 Resp: 534814

Ion Ratio Lower Upper

99 100

42 20.8 18.2 27.2

71 36.3 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039368.D

Acq: 6 Feb 2019 13:20

Tgt Ion: 136 Resp: 206661

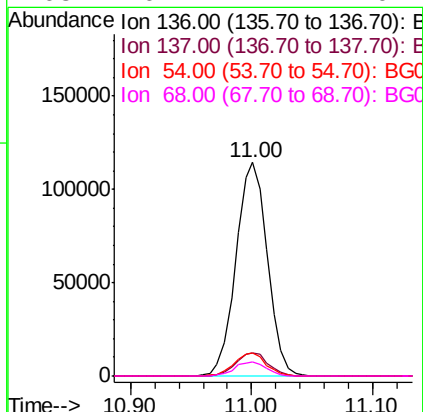
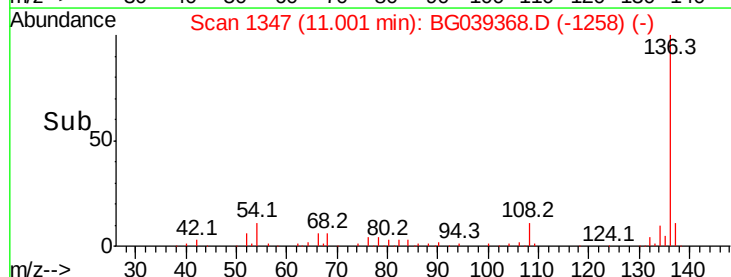
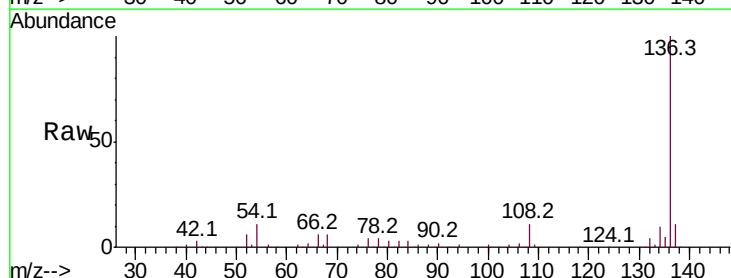
Ion Ratio Lower Upper

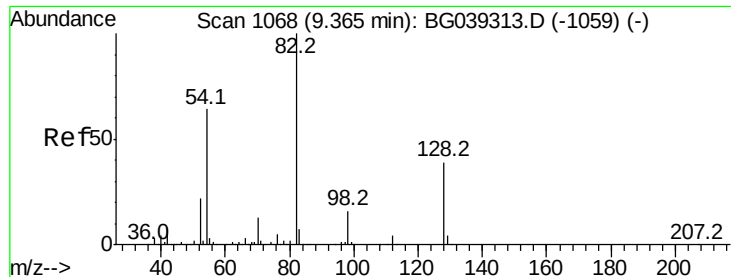
136 100

137 10.7 9.1 13.7

54 10.6 9.4 14.2

68 6.4 4.2 6.4#

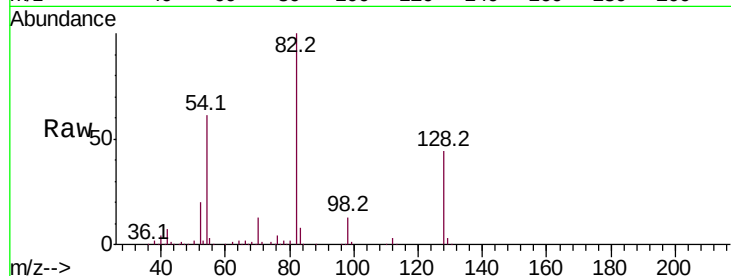




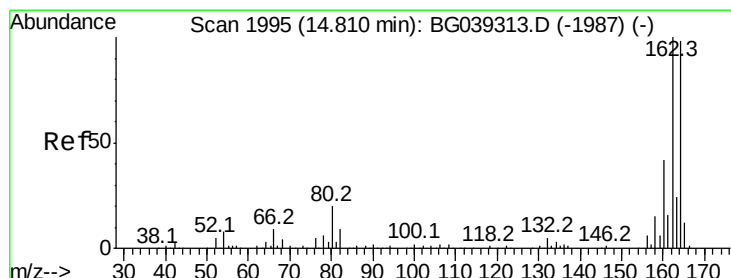
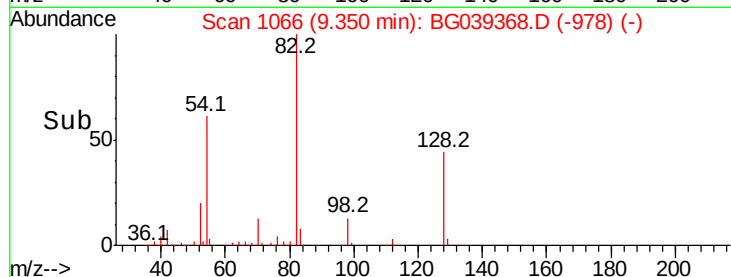
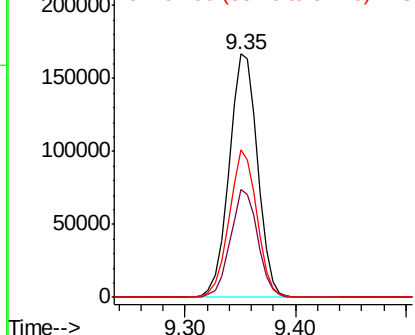
#23
Nitrobenzene-d5
Concen: 90.864 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039368.D
Acq: 6 Feb 2019 13:20

Instrument :
BNA_G
ClientSampleId :
PB116862BL

Tot Ion: 82 Resp: 300586
Ion Ratio Lower Upper
82 100
128 44.2 31.3 46.9
54 60.6 50.9 76.3

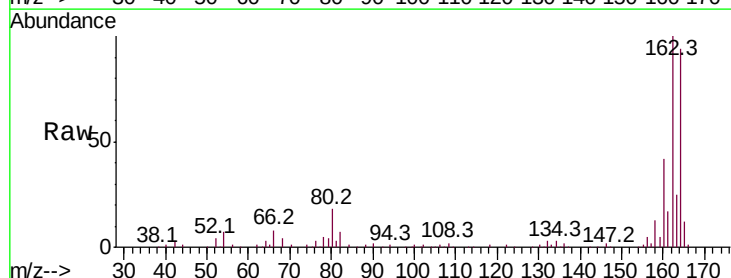


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

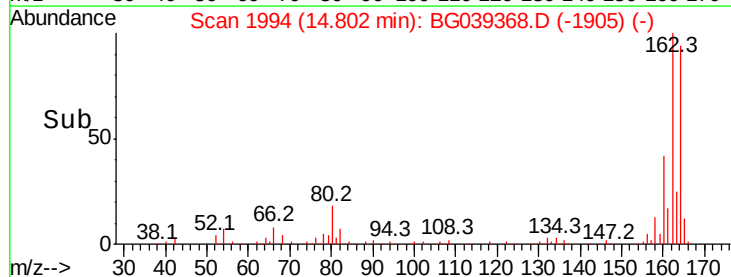
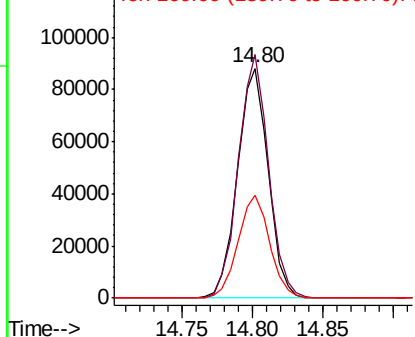


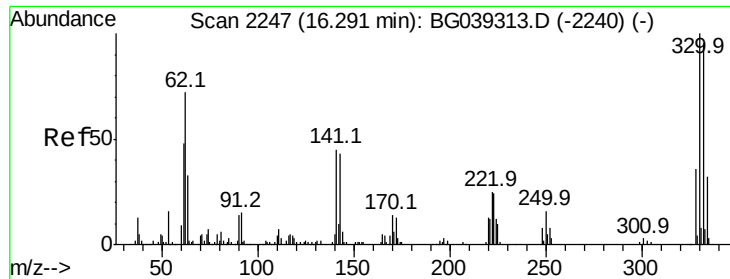
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039368.D
Acq: 6 Feb 2019 13:20

Tgt Ion:164 Resp: 133630
Ion Ratio Lower Upper
164 100
162 105.9 81.6 122.4
160 44.7 34.2 51.2



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

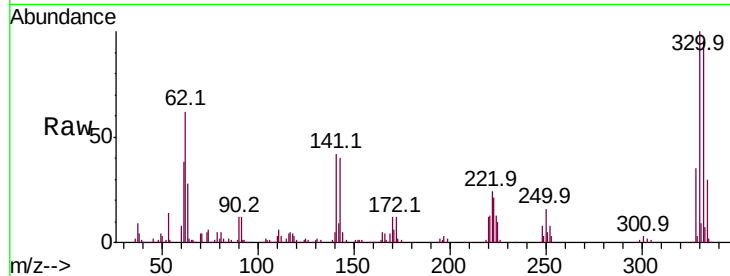




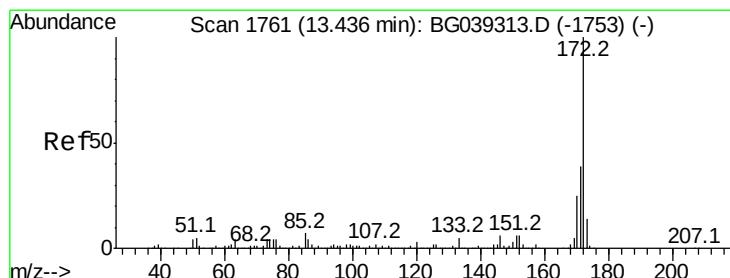
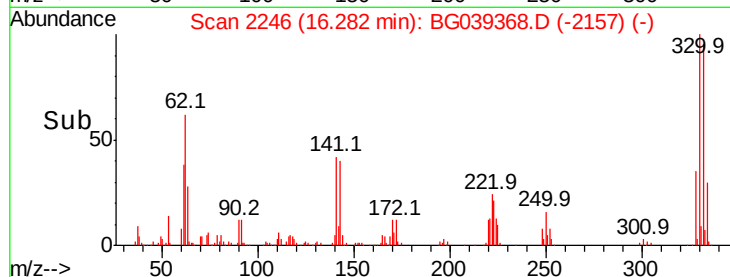
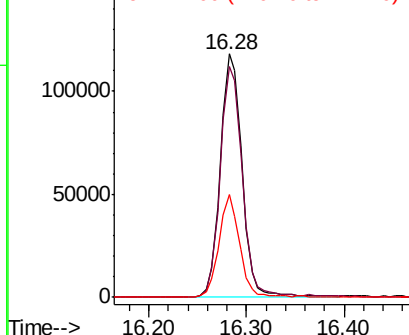
#42
 2,4,6-Tribromophenol
 Concen: 127.252 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039368.D
 Acq: 6 Feb 2019 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	40.2	35.6	53.4

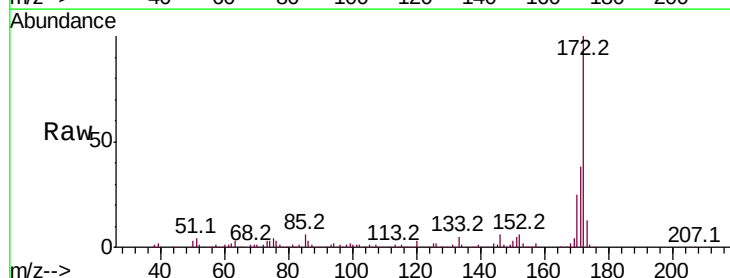


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

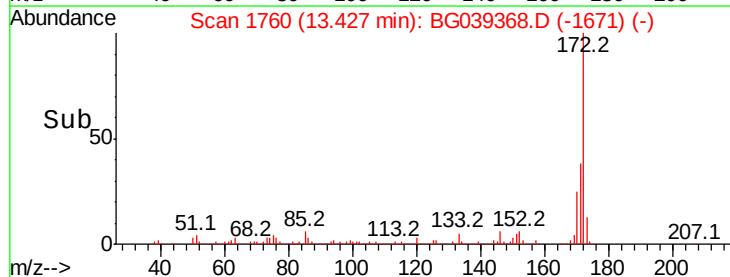
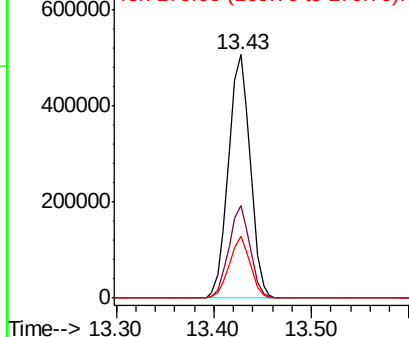


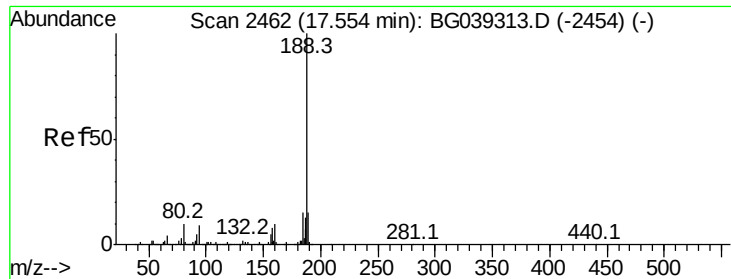
#45
 2-Fluorobiphenyl
 Concen: 83.881 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039368.D
 Acq: 6 Feb 2019 13:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	25.2	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: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039368.D

Acq: 6 Feb 2019 13:20

Instrument :

BNA_G

ClientSampleId :

PB116862BL

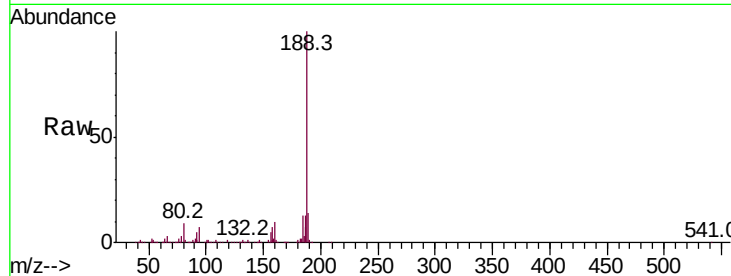
Tot Ion:188 Resp: 335767

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

80 8.9 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

17.55

200000

150000

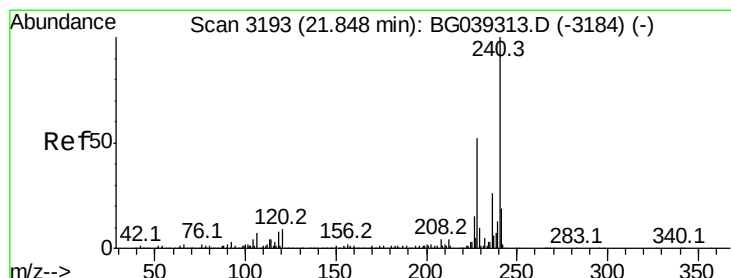
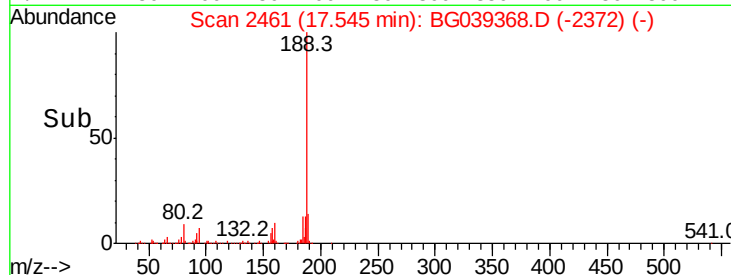
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50000

0

Time-->

17.50 17.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039368.D

Acq: 6 Feb 2019 13:20

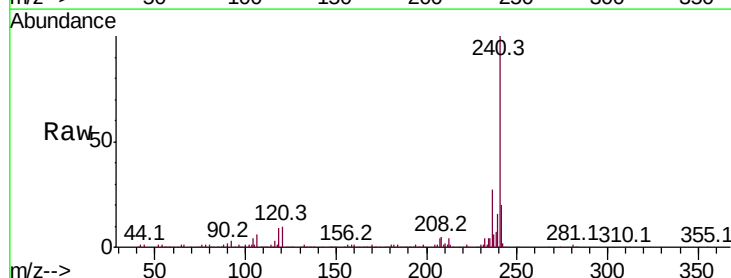
Tgt Ion:240 Resp: 374479

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

236 27.3 21.0 31.4



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

21.83

250000

200000

150000

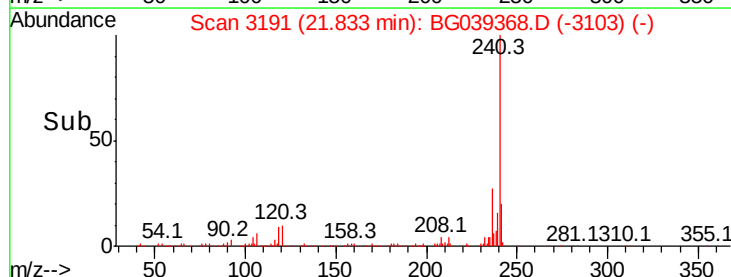
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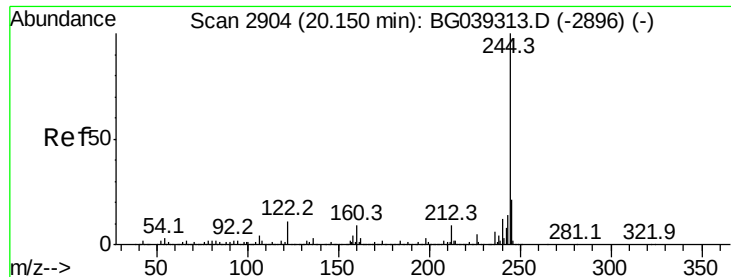
50000

0

Time-->

21.70 21.80 21.90 22.00



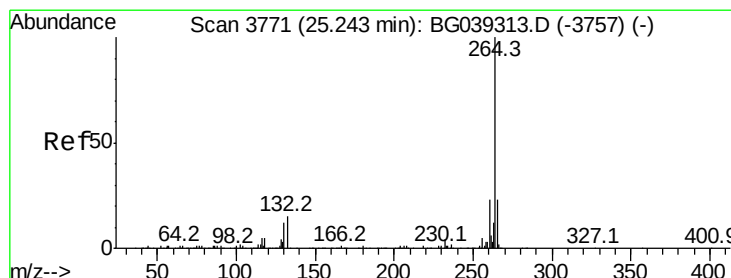
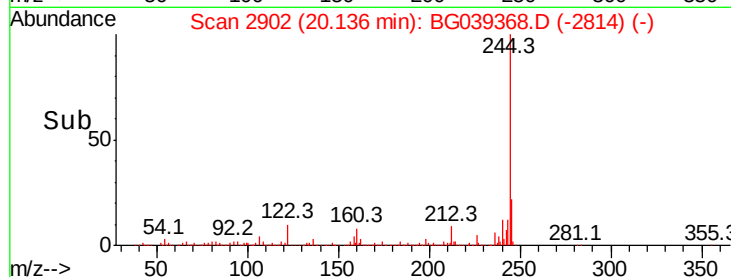
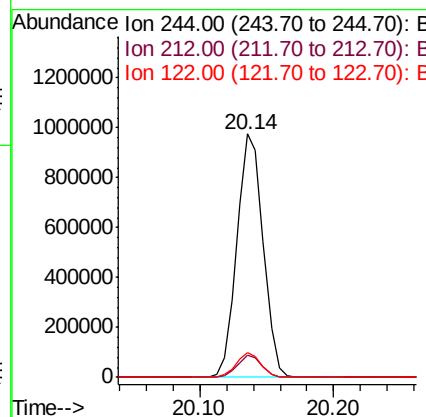
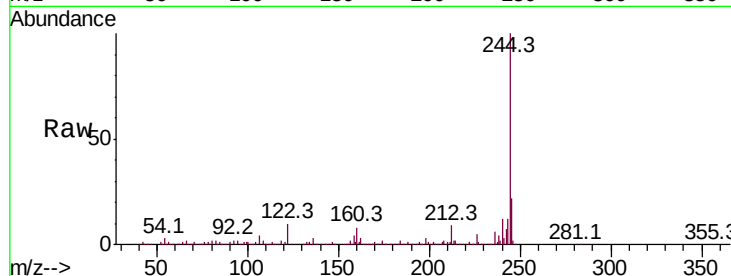


#79
 Terphenyl-d14
 Concen: 75.178 ng
 RT: 20.14 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG039368.D
 Acq: 6 Feb 2019 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BL

Tot Ion:244 Resp: 1330029

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	10.0	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.22 min Scan# 3767
 Delta R.T. -0.03 min
 Lab File: BG039368.D
 Acq: 6 Feb 2019 13:20

Tgt Ion:264 Resp: 368312

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	21.6	18.5	27.7

