

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038291.D
 Acq On : 1 Dec 2018 17:26
 Operator : JU/SJ
 Sample : PB115166BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BL

Quant Time: Dec 03 02:54:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26353	20.00	ng	-0.02
21) Naphthalene-d8	10.90	136	108204	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	69505	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	190084	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	191592	20.00	ng	-0.01
87) Perylene-d12	25.06	264	195648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	202285	132.53	ng	0.00
7) Phenol-d6	7.23	99	276782	127.04	ng	0.00
23) Nitrobenzene-d5	9.25	82	176869	87.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	113209	142.82	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	408015	85.52	ng	-0.02
79) Terphenyl-d14	20.06	244	809392	99.40	ng	0.00

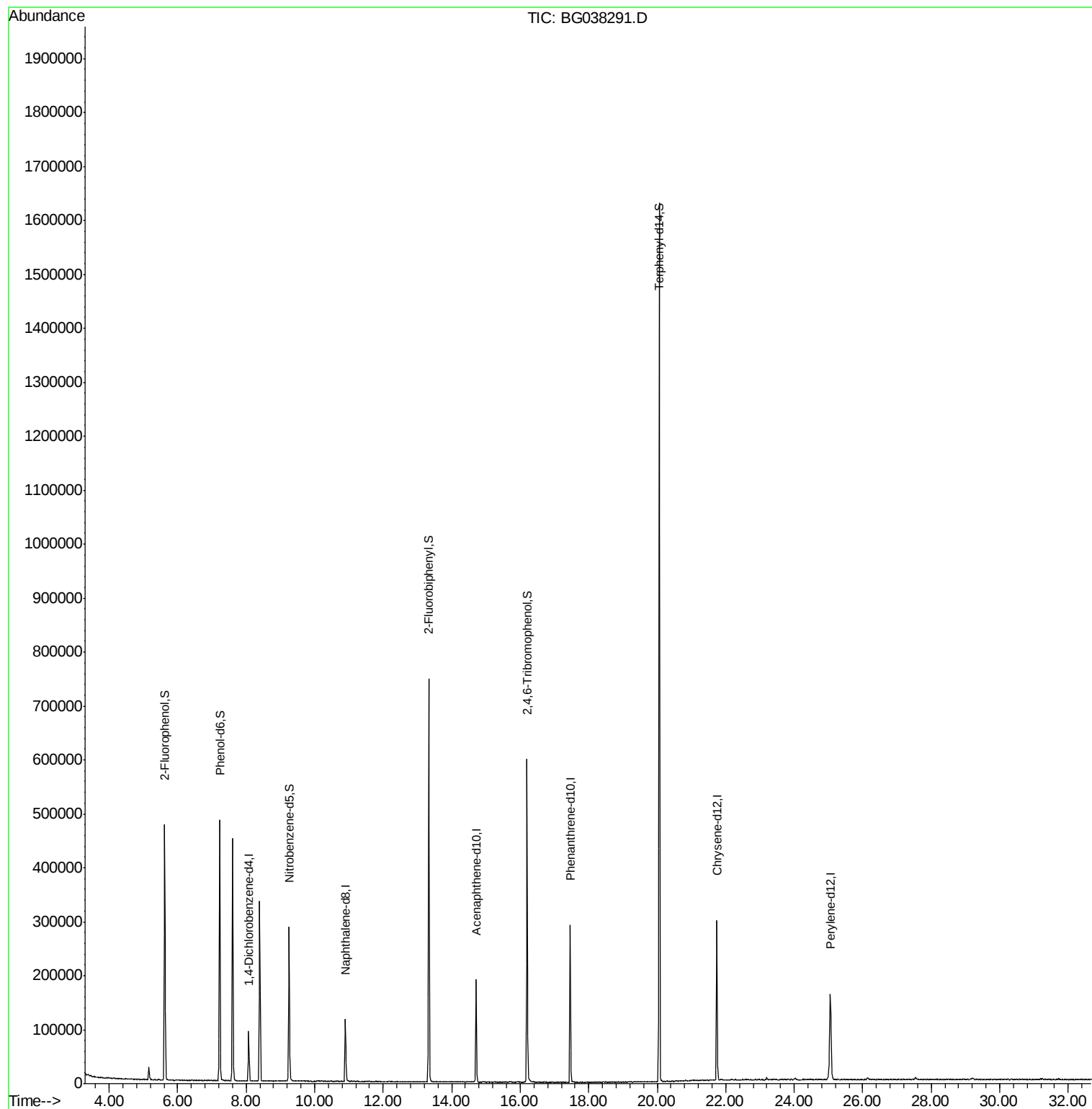
Target Compounds Qvalue

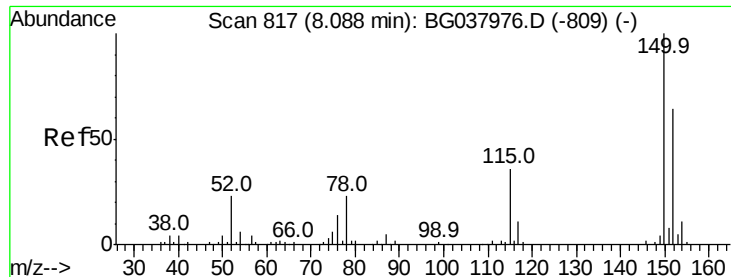
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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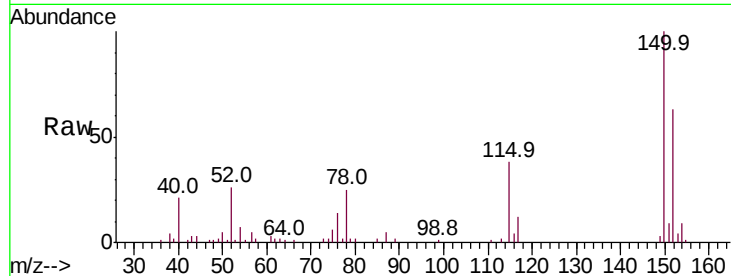


#1

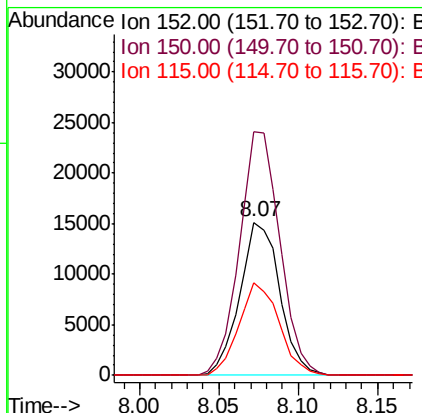
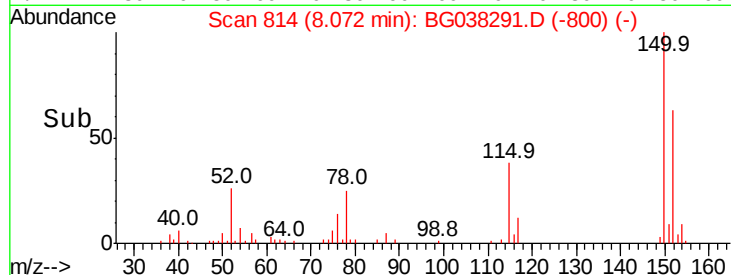
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.02 min
Lab File: BG038291.D
Acq: 1 Dec 2018 17:26

Instrument :
BNA_G
ClientSampleId :
PB115166BL

Tot Ion:152 Resp: 26353
Ion Ratio Lower Upper
152 100
150 159.3 126.0 189.0
115 60.5 45.5 68.3



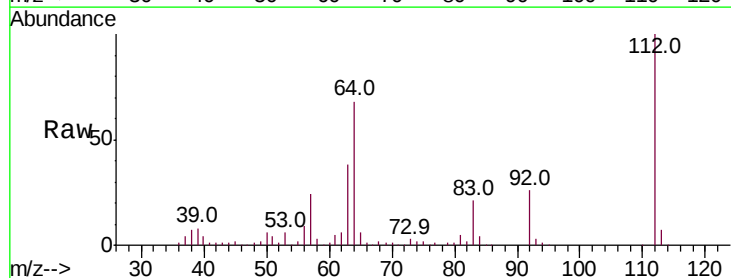
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



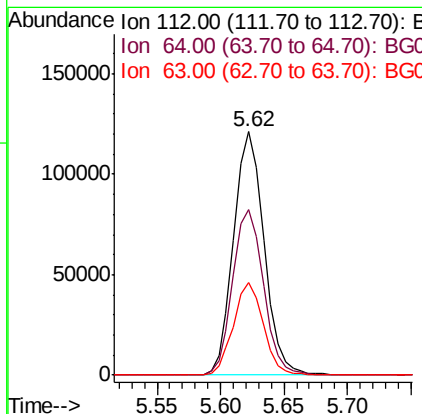
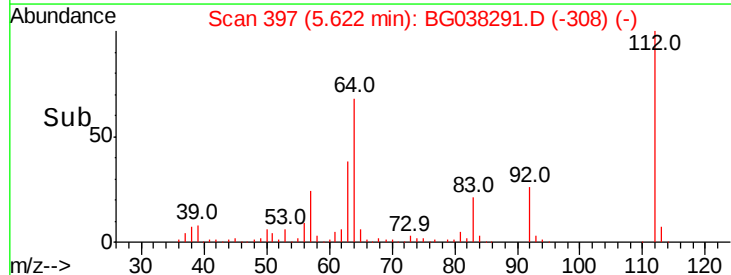
#5

2-Fluorophenol
Concen: 132.531 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038291.D
Acq: 1 Dec 2018 17:26

Tgt Ion:112 Resp: 202285
Ion Ratio Lower Upper
112 100
64 68.2 53.1 79.7
63 37.8 27.3 40.9



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: 127.038 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038291.D

Acq: 1 Dec 2018 17:26

Instrument :

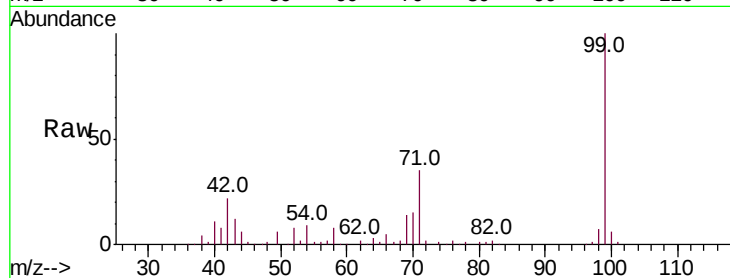
BNA_G

ClientSampleId :

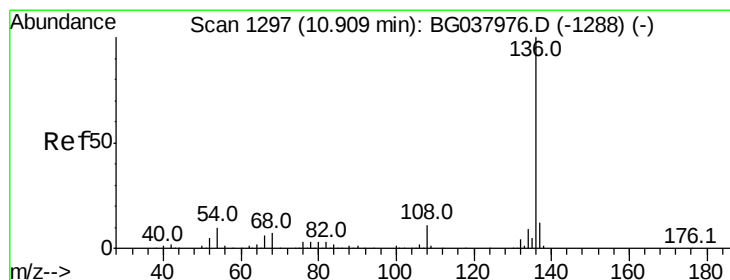
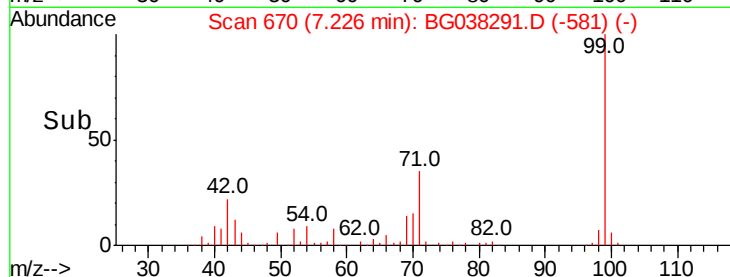
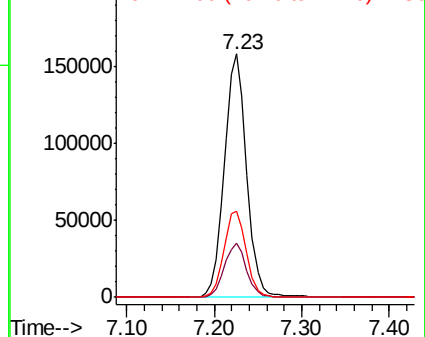
PB115166BL

Tot Ion: 99 Resp: 276782

Ion	Ratio	Lower	Upper
99	100		
42	22.4	15.0	22.4#
71	35.3	25.5	38.3



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: 10.90 min Scan# 1295

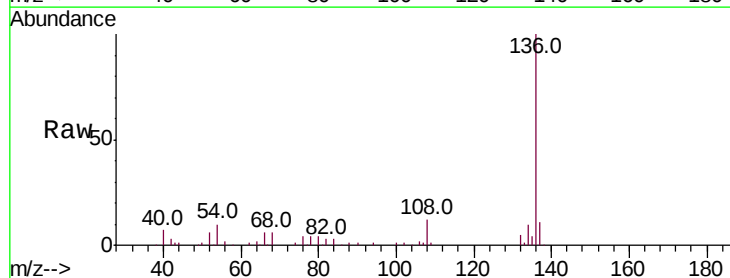
Delta R.T. -0.01 min

Lab File: BG038291.D

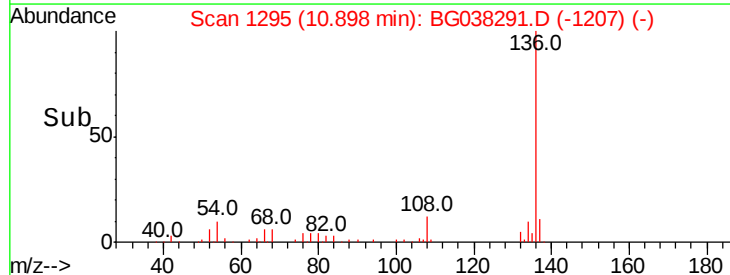
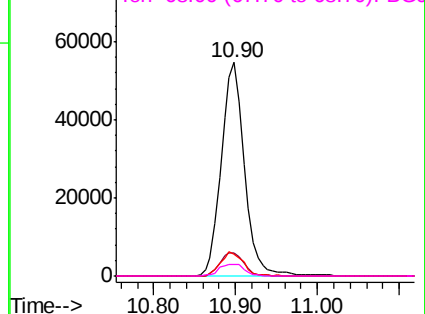
Acq: 1 Dec 2018 17:26

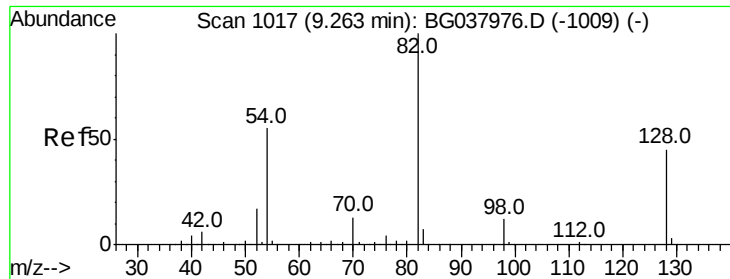
Tgt Ion: 136 Resp: 108204

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	10.4	7.9	11.9
68	5.5	4.8	7.2



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

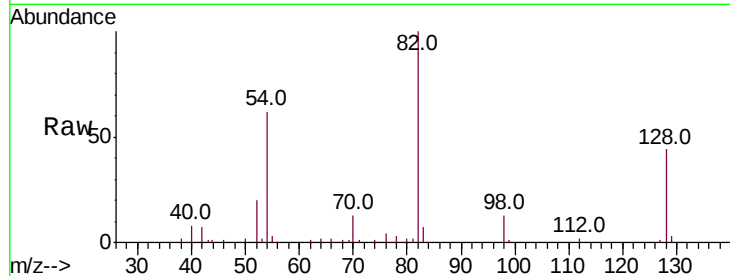




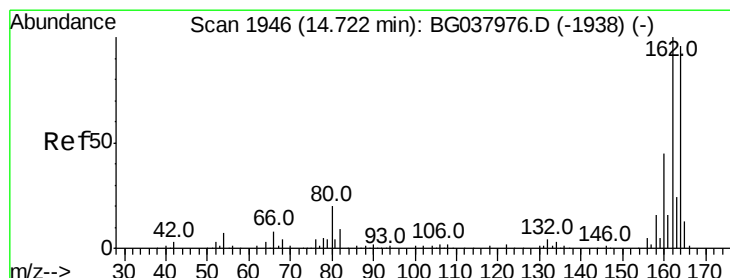
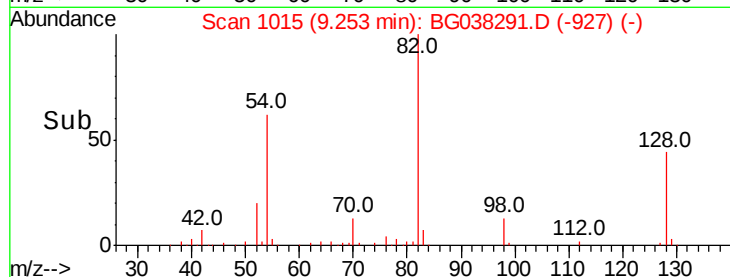
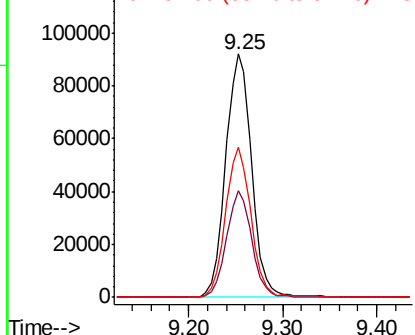
#23
 Nitrobenzene-d5
 Concen: 87.500 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG038291.D
 Acq: 1 Dec 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BL

Tot Ion: 82 Resp: 176869
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.6 51.8
 54 61.8 45.3 67.9

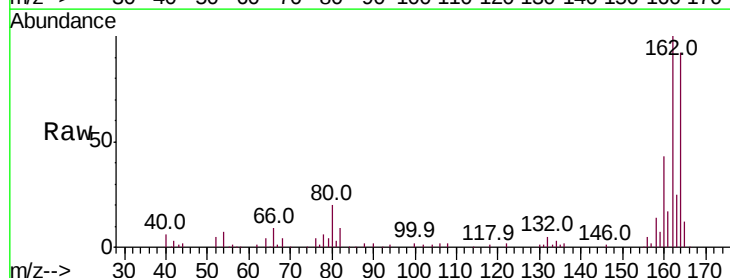


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

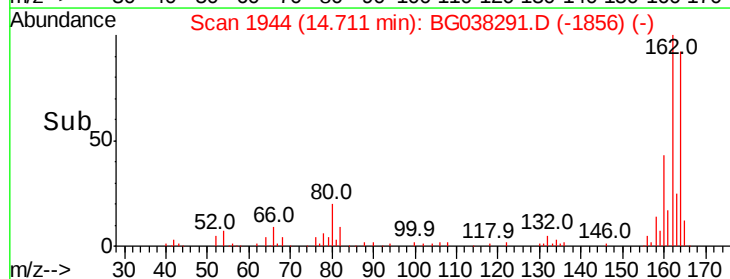
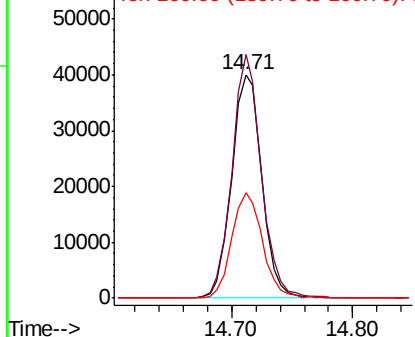


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG038291.D
 Acq: 1 Dec 2018 17:26

Tgt Ion:164 Resp: 69505
 Ion Ratio Lower Upper
 164 100
 162 109.0 81.3 121.9
 160 47.3 36.3 54.5



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

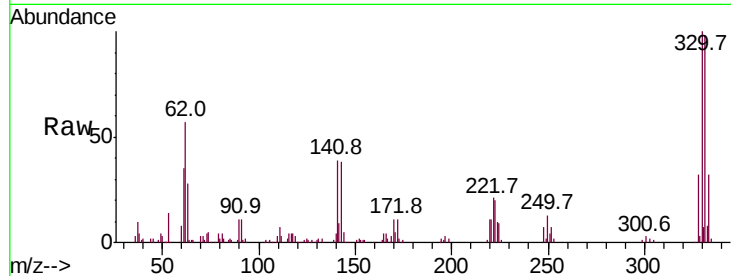




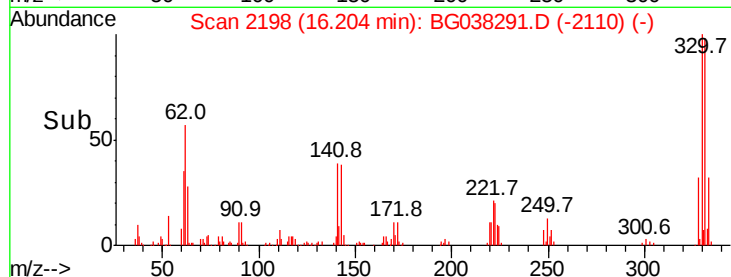
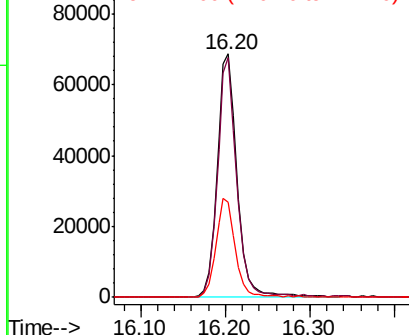
#42
 2,4,6-Tribromophenol
 Concen: 142.817 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038291.D
 Acq: 1 Dec 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.4	117.6
141	40.0	32.2	48.2

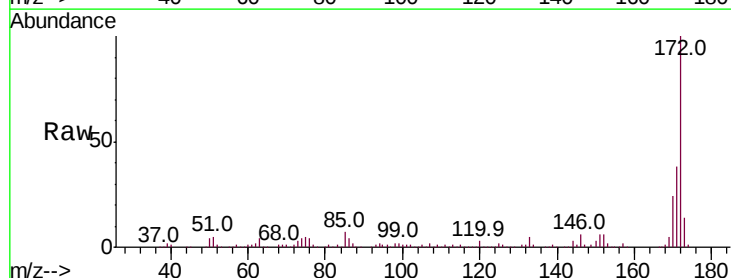


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

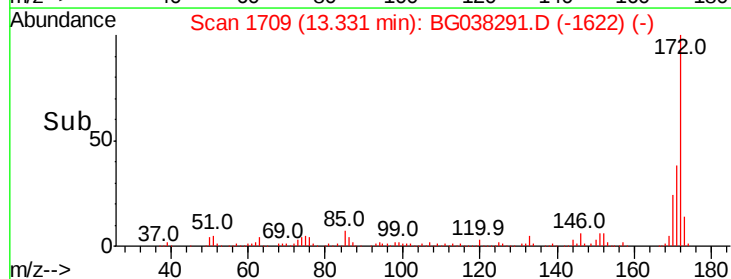
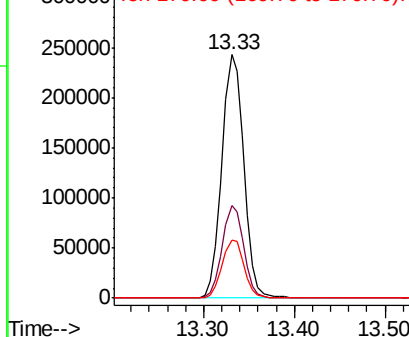


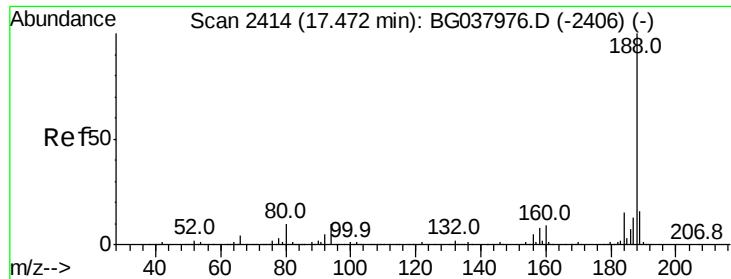
#45
 2-Fluorobiphenyl
 Concen: 85.521 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038291.D
 Acq: 1 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	24.0	20.2	30.2



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: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038291.D

Acq: 1 Dec 2018 17:26

Instrument :

BNA_G

ClientSampleId :

PB115166BL

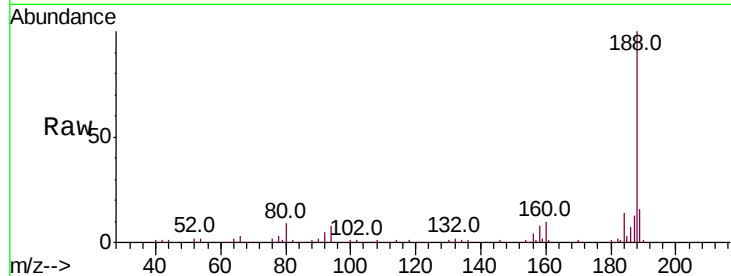
Tot Ion:188 Resp: 190084

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

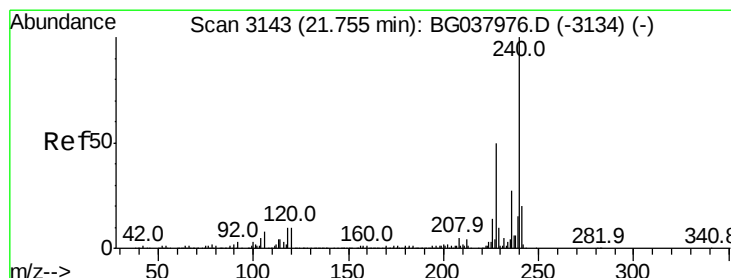
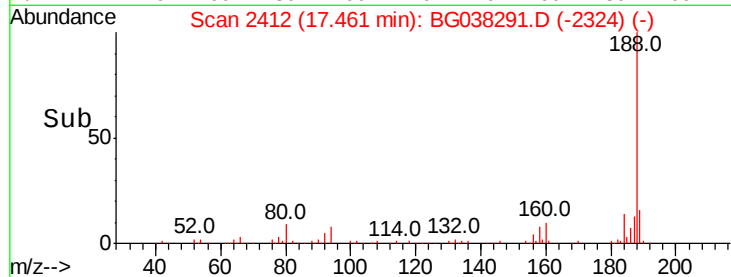
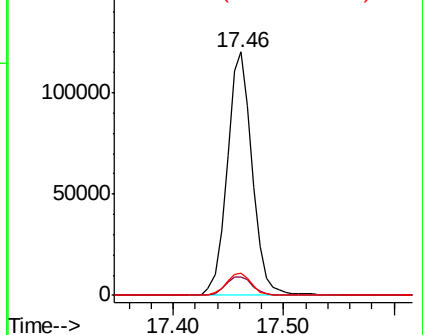
80 9.0 7.7 11.5



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: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038291.D

Acq: 1 Dec 2018 17:26

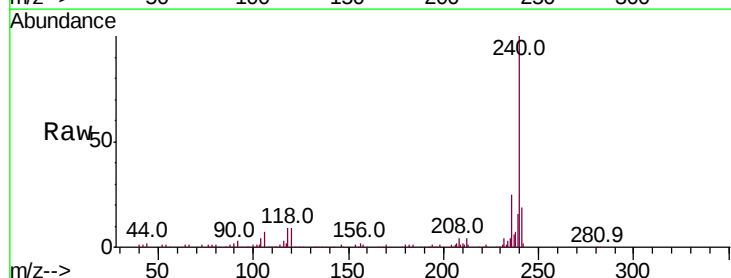
Tgt Ion:240 Resp: 191592

Ion Ratio Lower Upper

240 100

120 8.8 8.1 12.1

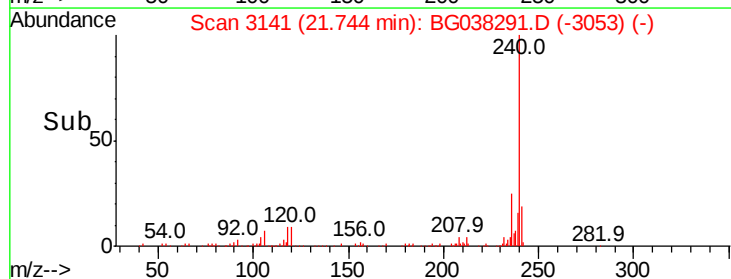
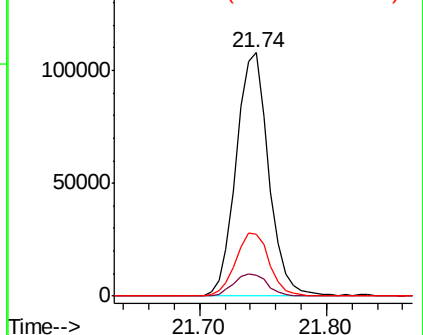
236 25.3 21.4 32.0



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: 99.404 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038291.D

Acq: 1 Dec 2018 17:26

Instrument :

BNA_G

ClientSampleId :

PB115166BL

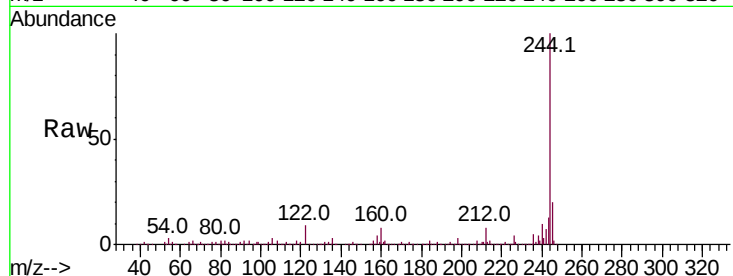
Tot Ion:244 Resp: 809392

Ion Ratio Lower Upper

244 100

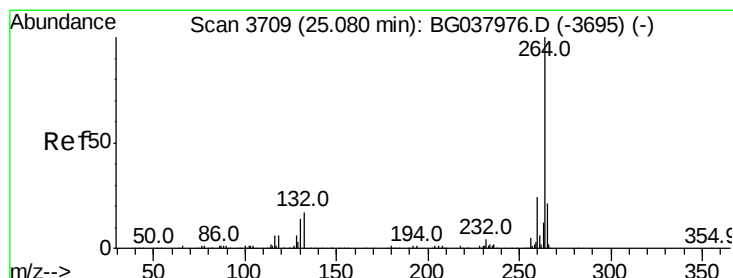
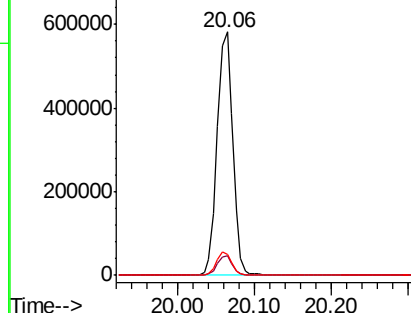
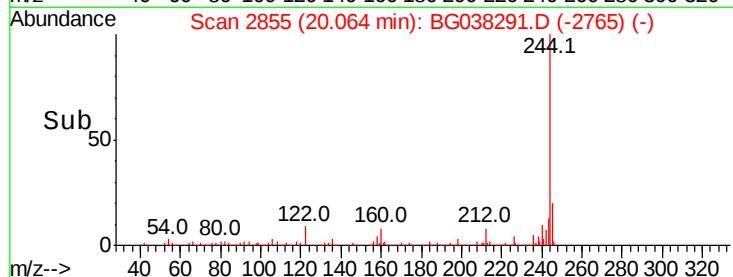
212 7.9 6.5 9.7

122 8.7 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E
800000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

20.06



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038291.D

Acq: 1 Dec 2018 17:26

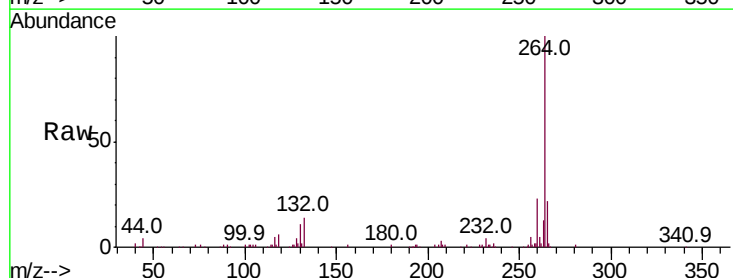
Tgt Ion:264 Resp: 195648

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.7 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
80000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

25.06

