

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038343.D
 Acq On : 5 Dec 2018 3:10
 Operator : JU/SJ
 Sample : PB115249TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115249TB

Quant Time: Dec 05 06:27:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25807	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	111852	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	69545	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	186472	20.00	ng	0.00
76) Chrysene-d12	21.74	240	191204	20.00	ng	0.00
87) Perylene-d12	25.05	264	193792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	141831	97.26	ng	0.00
7) Phenol-d6	7.22	99	185502	88.01	ng	0.00
23) Nitrobenzene-d5	9.25	82	115397	51.22	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	74826	87.64	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	279619	57.29	ng	0.00
79) Terphenyl-d14	20.06	244	543999	60.95	ng	0.00

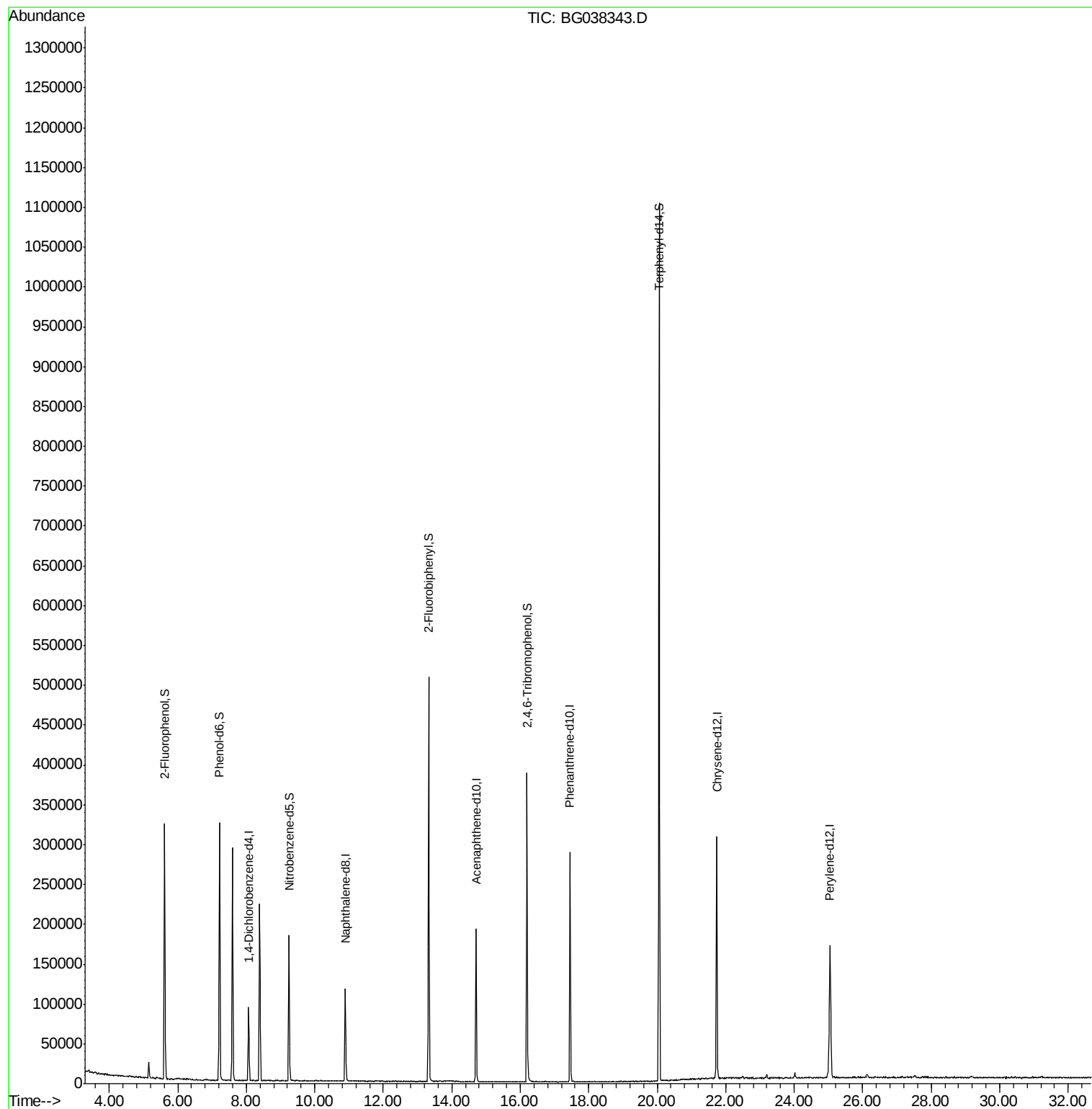
Target Compounds Qvalue

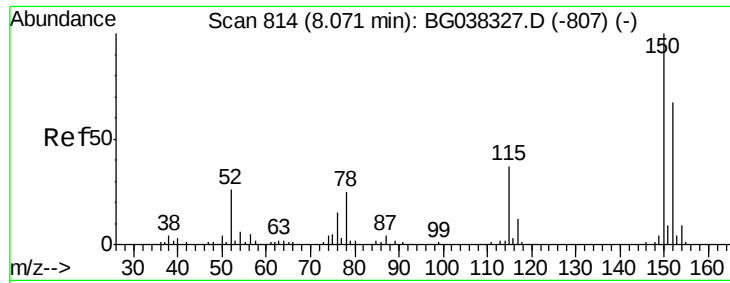
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

Instrument :

BNA_G

ClientSampleId :

PB115249TB

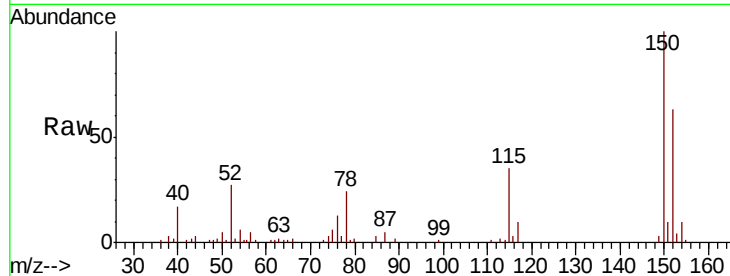
Tot Ion:152 Resp: 25807

Ion Ratio Lower Upper

152 100

150 159.9 126.0 189.0

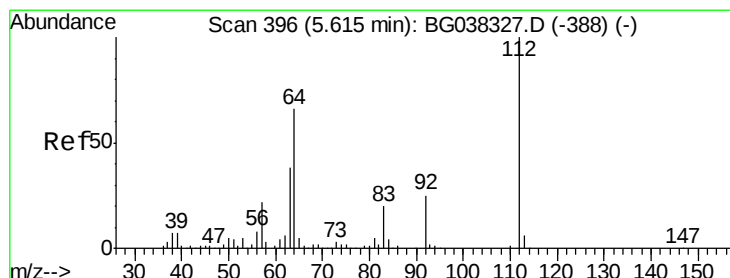
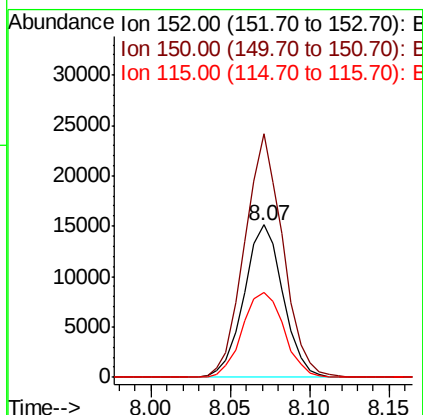
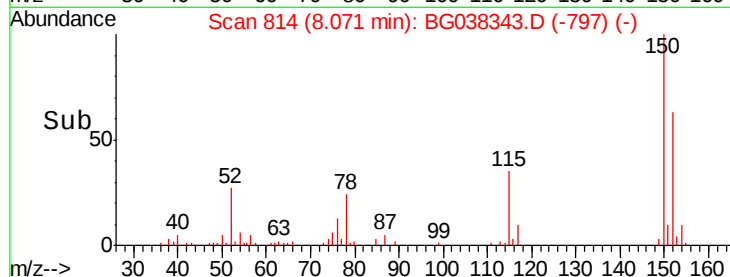
115 56.1 45.5 68.3



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: 97.257 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

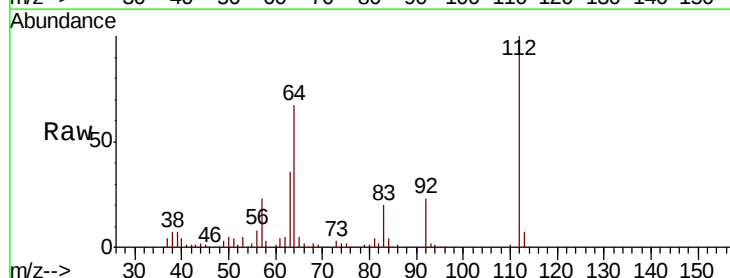
Tgt Ion:112 Resp: 141831

Ion Ratio Lower Upper

112 100

64 67.3 53.1 79.7

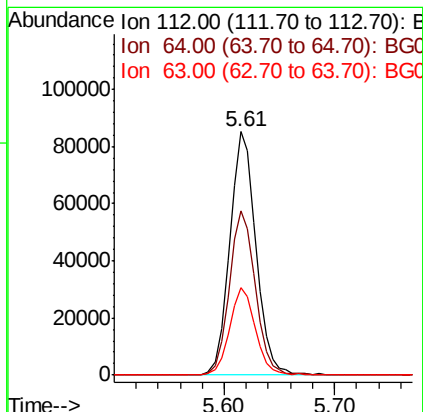
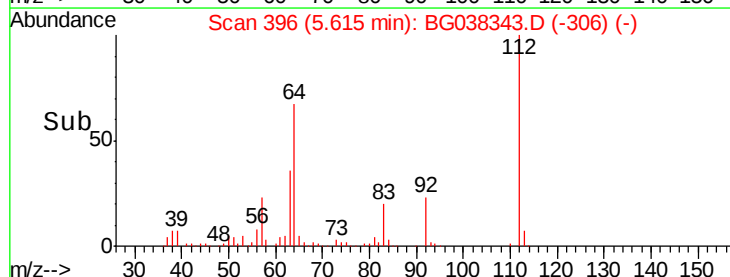
63 36.1 27.3 40.9

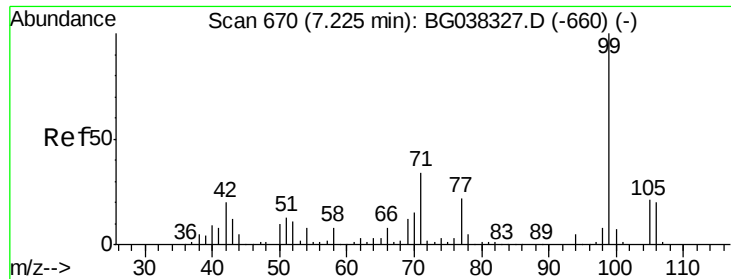


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 88.009 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

Instrument :

BNA_G

ClientSampleId :

PB115249TB

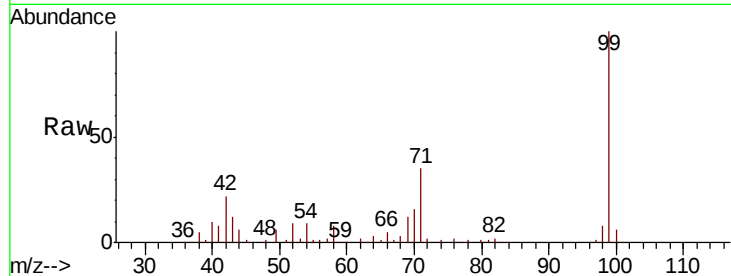
Tot Ion: 99 Resp: 185502

Ion Ratio Lower Upper

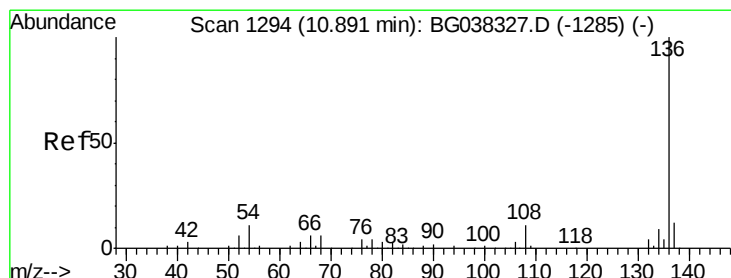
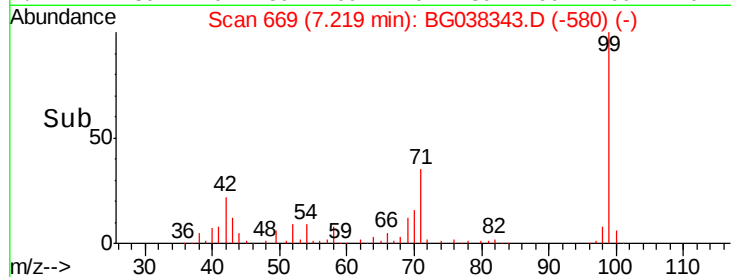
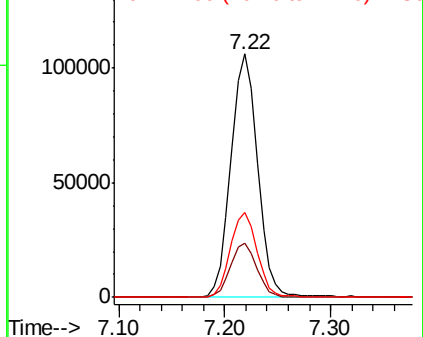
99 100

42 22.3 15.0 22.4

71 34.8 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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

Tgt Ion: 136 Resp: 111852

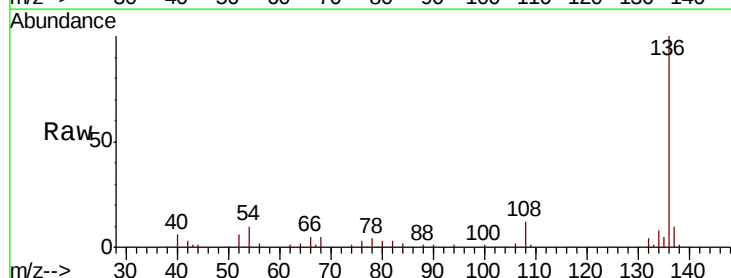
Ion Ratio Lower Upper

136 100

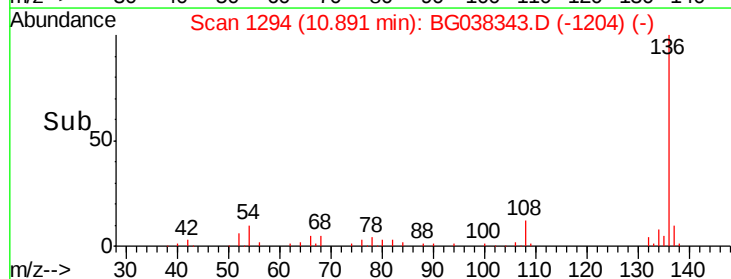
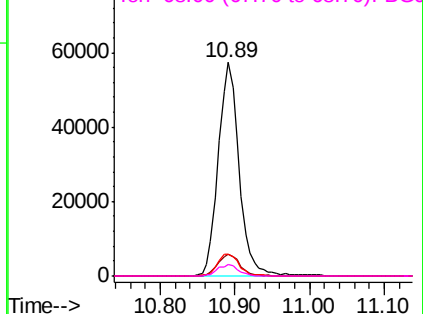
137 10.3 9.6 14.4

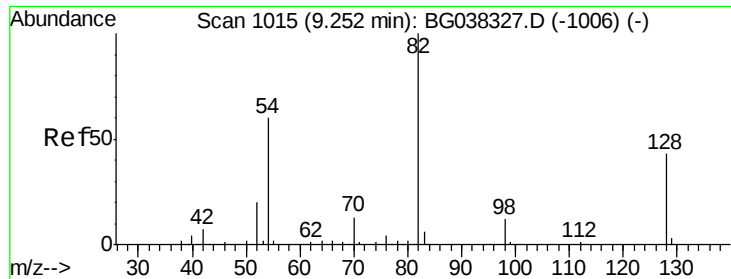
54 10.5 7.9 11.9

68 5.2 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

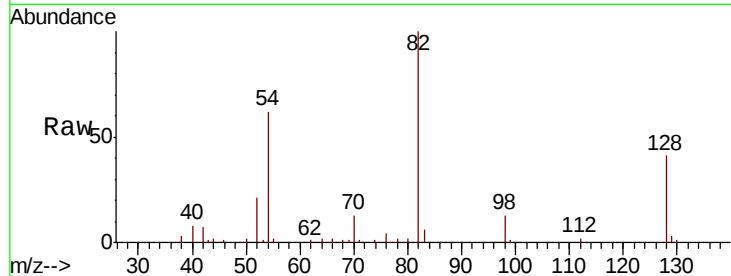




#23
Nitrobenzene-d5
Concen: 51.221 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038343.D
Acq: 5 Dec 2018 3:10

Instrument :
BNA_G
ClientSampleId :
PB115249TB

Tot Ion	82	Resp	115397
Ion Ratio	100	Lower	Upper
128	41.5	34.6	51.8
54	62.1	45.3	67.9

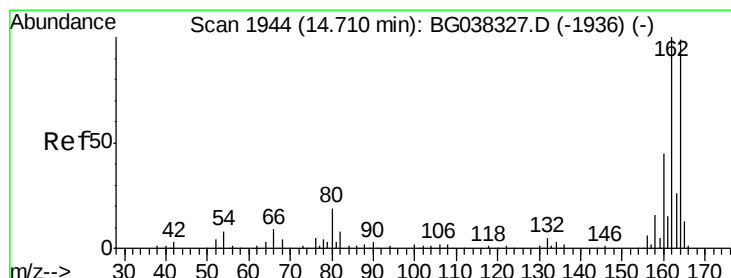
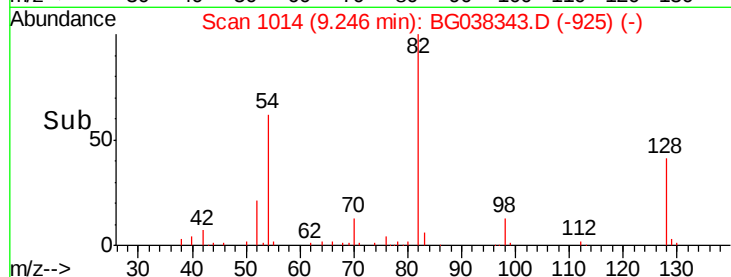
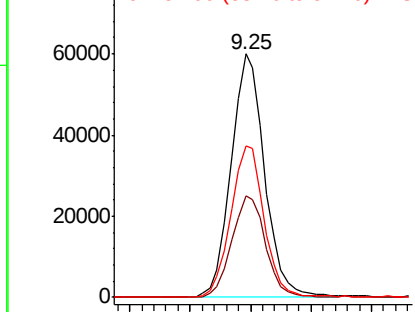


Abundance

Ion 82.00 (81.70 to 82.70): BGC

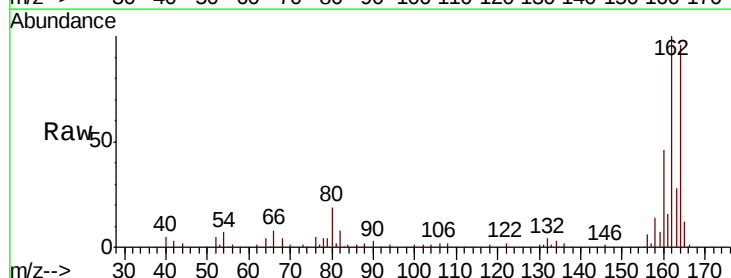
Ion 128.00 (127.70 to 128.70): BGC

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. -0.00 min
Lab File: BG038343.D
Acq: 5 Dec 2018 3:10

Tgt Ion	164	Resp	69545
Ion Ratio	100	Lower	Upper
162	103.9	81.3	121.9
160	47.3	36.3	54.5

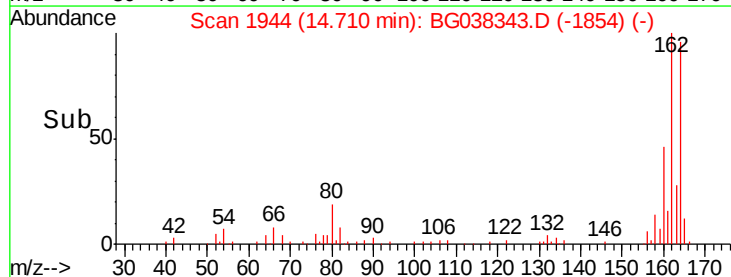
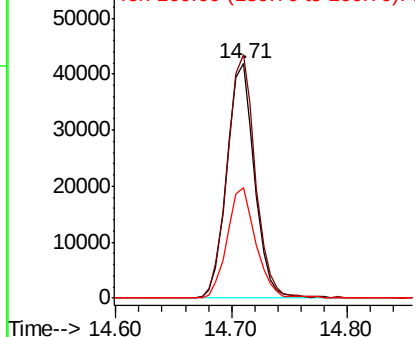


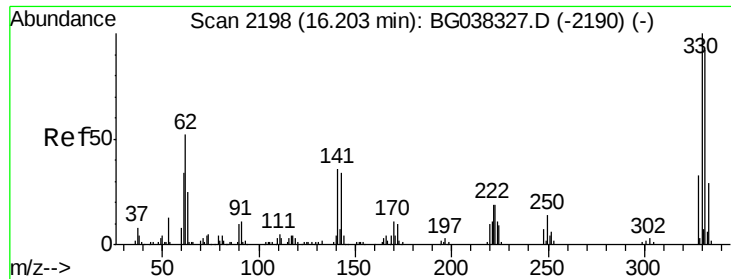
Abundance

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

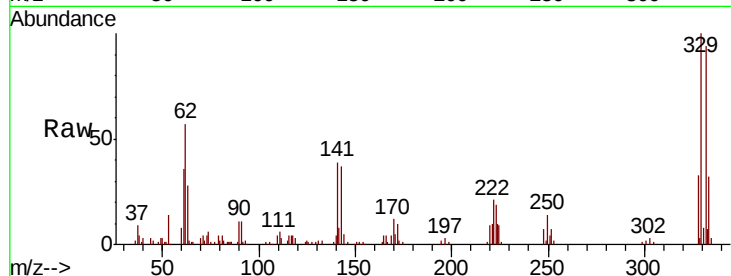




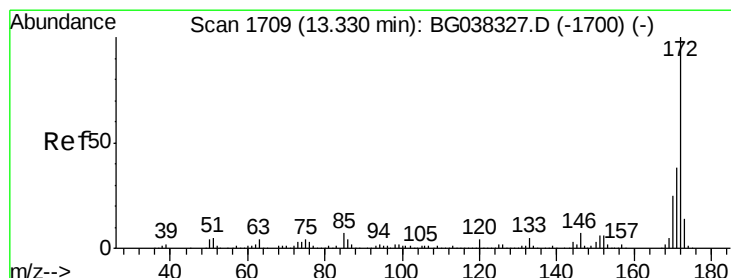
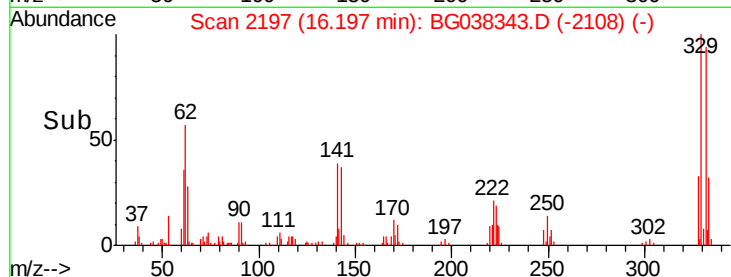
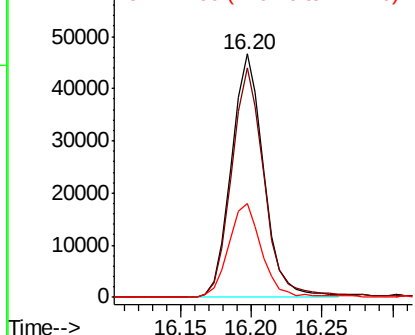
#42
 2,4,6-Tribromophenol
 Concen: 87.644 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038343.D
 Acq: 5 Dec 2018 3:10

Instrument :
 BNA_G
 ClientSampleId :
 PB115249TB

Tot Ion:330 Resp: 74826
 Ion Ratio Lower Upper
 330 100
 332 94.6 78.4 117.6
 141 38.9 32.2 48.2

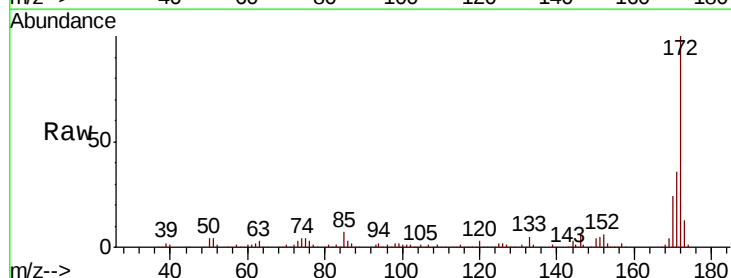


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

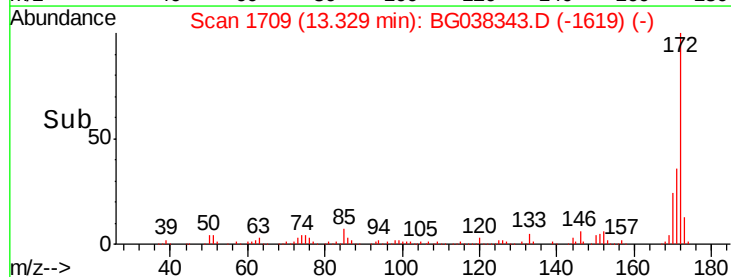
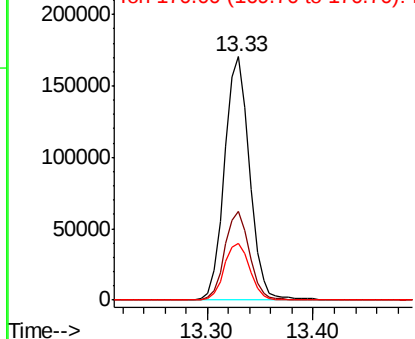


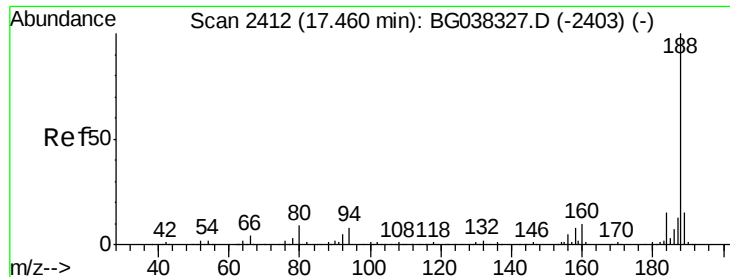
#45
 2-Fluorobiphenyl
 Concen: 57.291 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038343.D
 Acq: 5 Dec 2018 3:10

Tgt Ion:172 Resp: 279619
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.0 46.4
 170 23.6 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

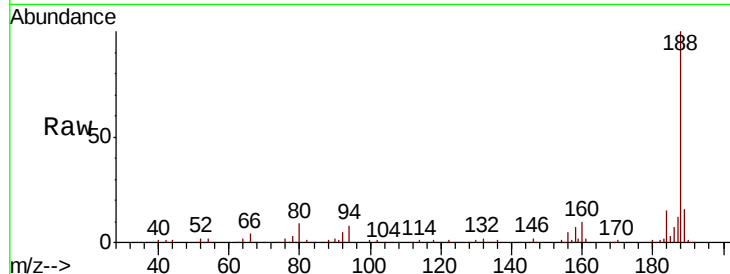




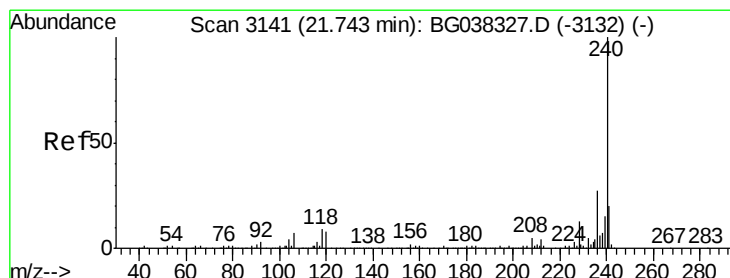
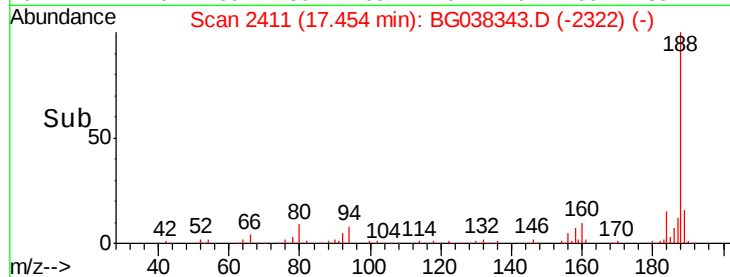
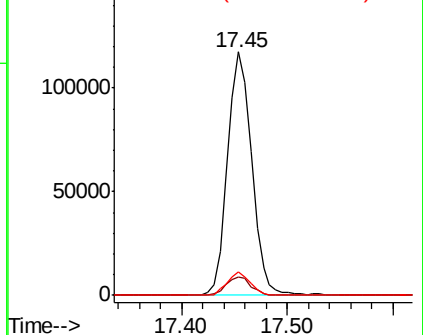
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038343.D
Acq: 5 Dec 2018 3:10

Instrument :
BNA_G
ClientSampleId :
PB115249TB

Tot Ion:188 Resp: 186472
Ion Ratio Lower Upper
188 100
94 7.6 7.2 10.8
80 9.5 7.7 11.5

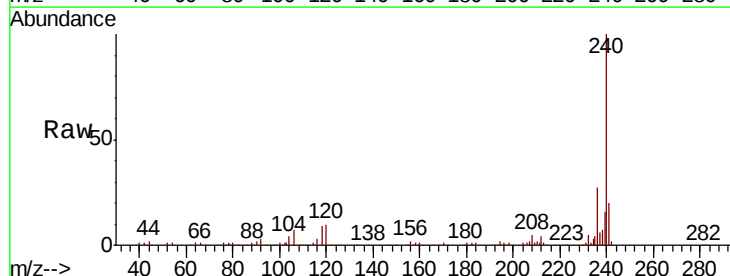


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

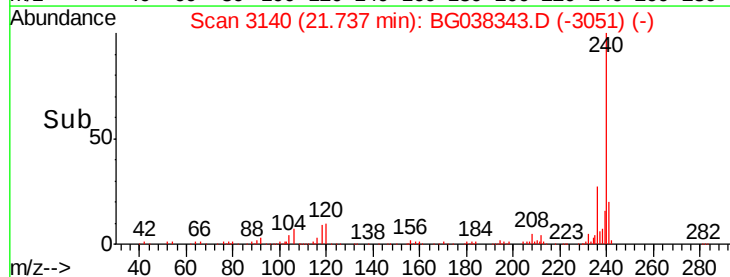
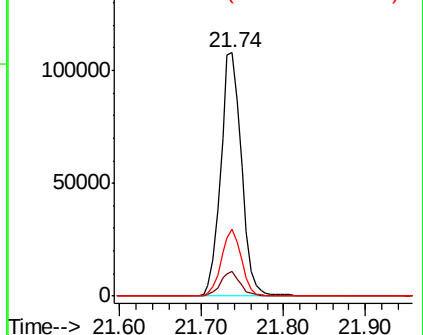


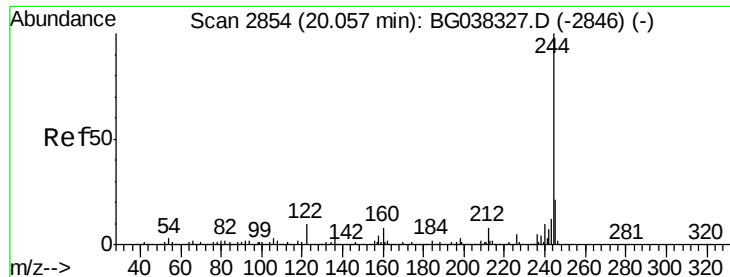
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038343.D
Acq: 5 Dec 2018 3:10

Tgt Ion:240 Resp: 191204
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 27.4 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: 60.950 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

Instrument :

BNA_G

ClientSampleID :

PB115249TB

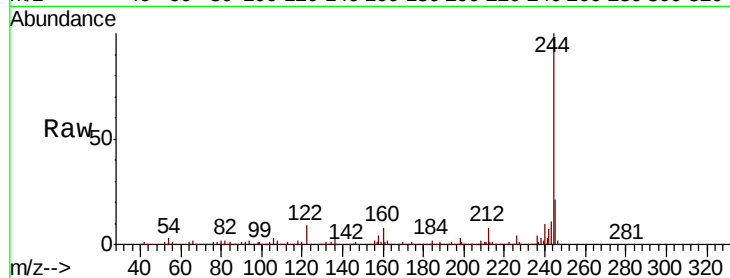
Tot Ion:244 Resp: 543999

Ion Ratio Lower Upper

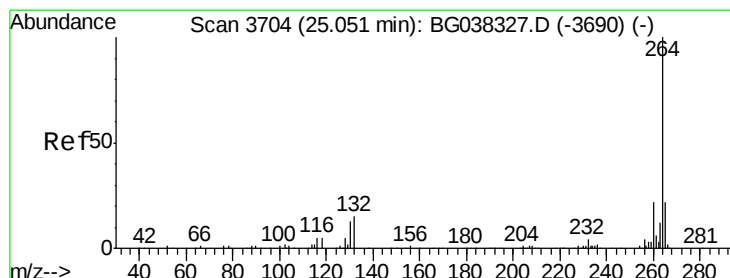
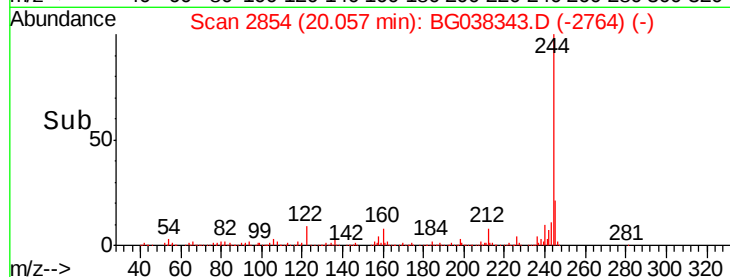
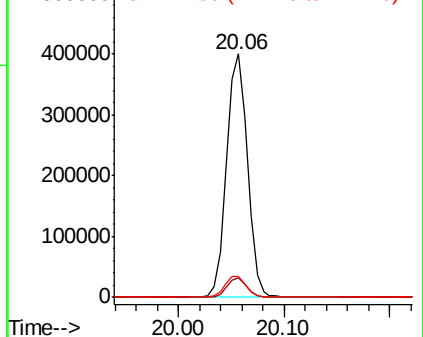
244 100

212 8.2 6.5 9.7

122 8.8 9.0 13.4#



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: 25.05 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

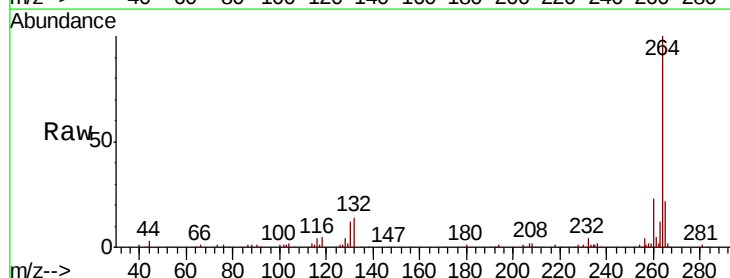
Tgt Ion:264 Resp: 193792

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.8 17.9 26.9



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

