

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019118.D
 Acq On : 10 Oct 2015 15:33
 Operator : UM/NP
 Sample : PB86035BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86035BL

Quant Time: Oct 12 06:52:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 06:30:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	14937	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	65691	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	46037	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	129882	20.00	ng	0.00
75) Chrysene-d12	21.67	240	169592	20.00	ng	0.00
86) Perylene-d12	24.90	264	163688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	95587	130.29	ng	0.00
7) Phenol-d6	7.19	99	142126	126.11	ng	0.00
23) Nitrobenzene-d5	9.19	82	94817	79.75	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	73230	116.73	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	233539	78.00	ng	0.00
78) Terphenyl-d14	20.02	244	500357	77.94	ng	0.00

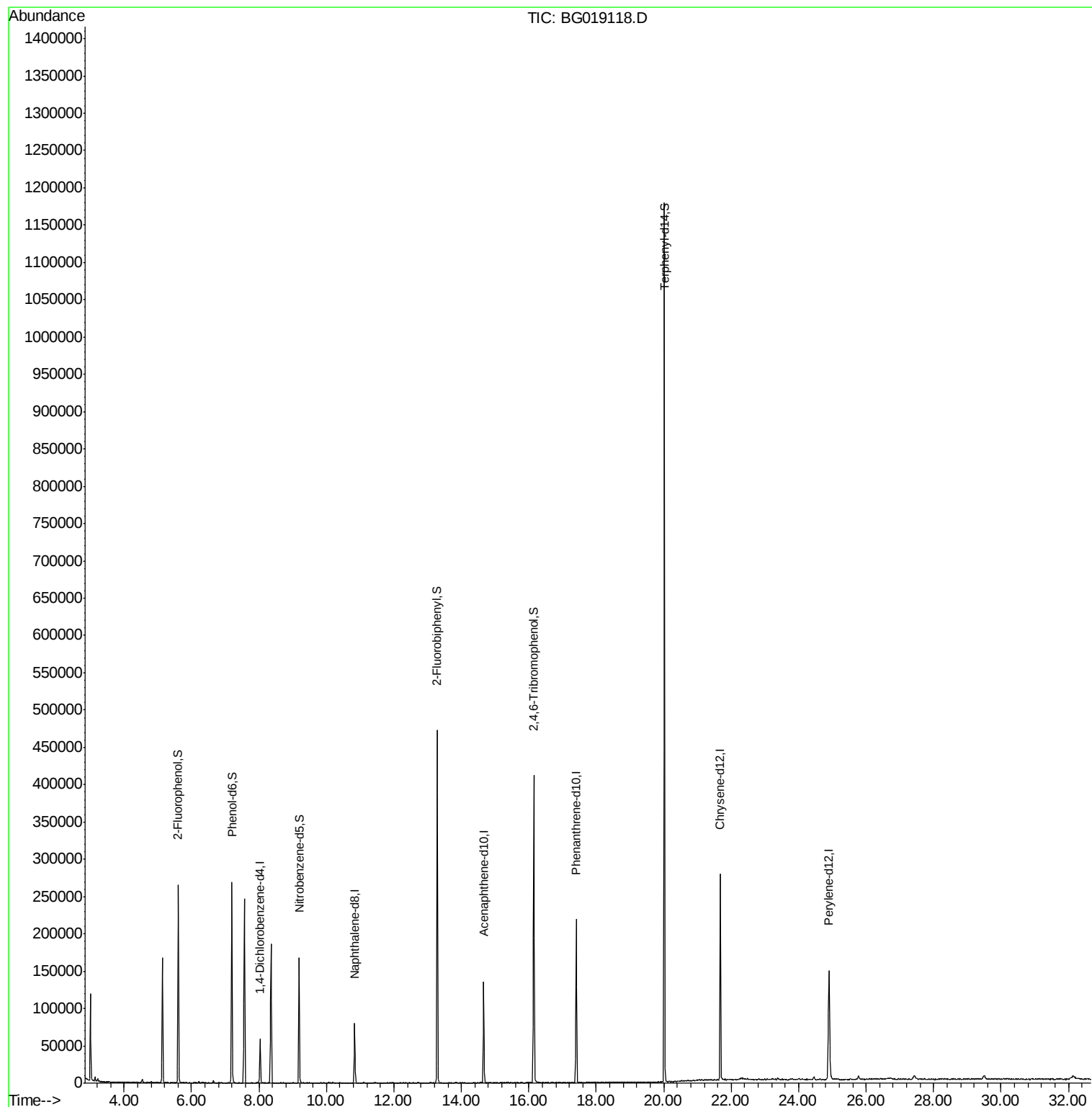
Target Compounds	Qvalue
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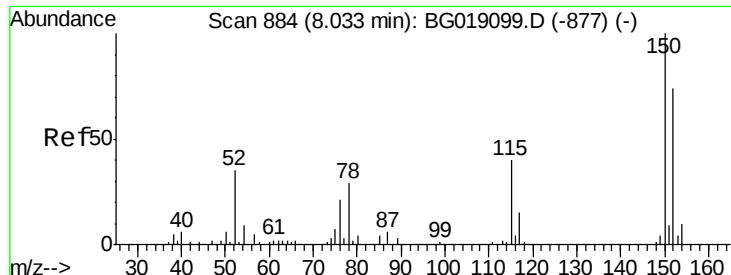
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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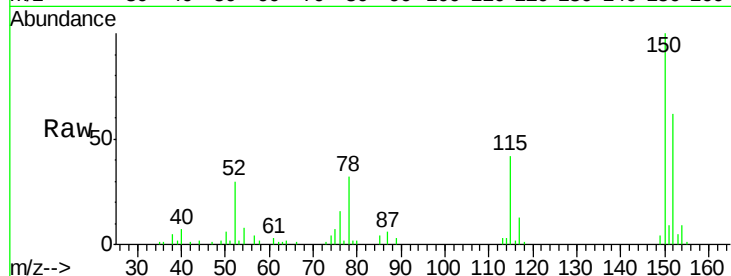


#1

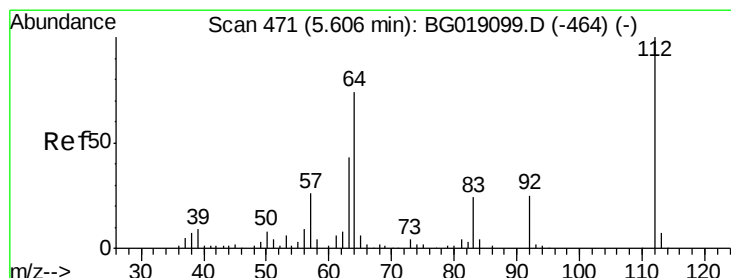
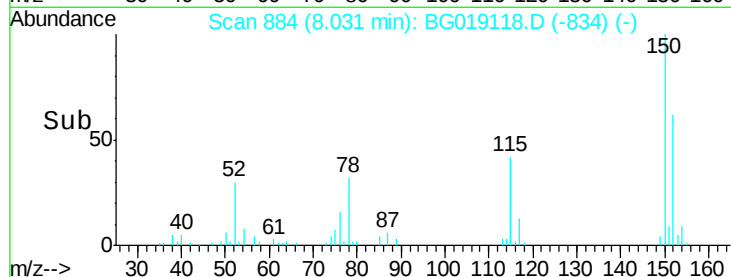
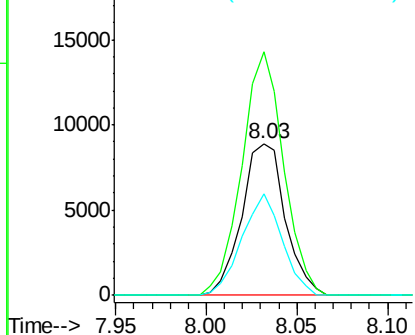
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG019118.D
Acq: 10 Oct 2015 15:33

Instrument :
BNA_G
ClientSampleId :
PB86035BL

Tgt Ion:152 Resp: 14937
Ion Ratio Lower Upper
152 100
150 160.2 108.2 162.2
115 66.6 43.2 64.8#



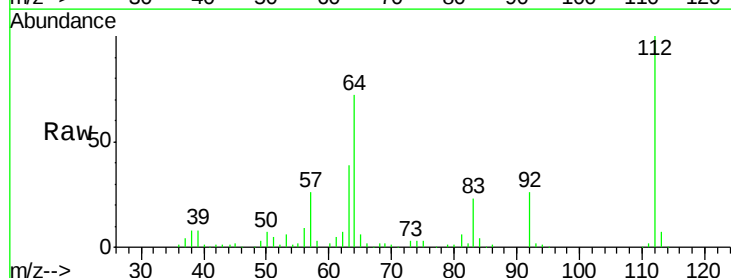
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



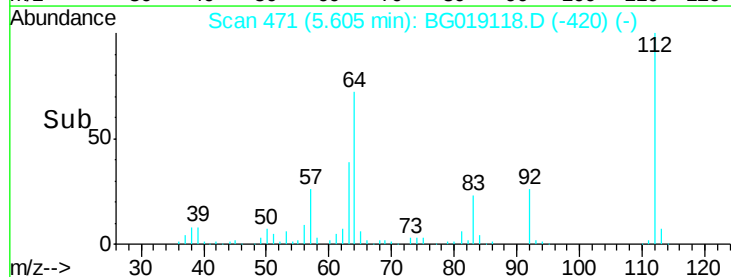
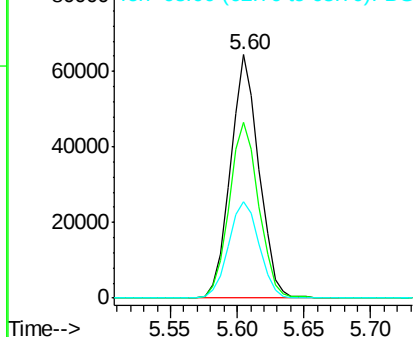
#5

2-Fluorophenol
Concen: 130.29 ng
RT: 5.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019118.D
Acq: 10 Oct 2015 15:33

Tgt Ion:112 Resp: 95587
Ion Ratio Lower Upper
112 100
64 72.4 59.0 88.4
63 39.5 34.7 52.1



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: 126.11 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019118.D

Acq: 10 Oct 2015 15:33

Instrument :

BNA_G

ClientSampled :

PB86035BL

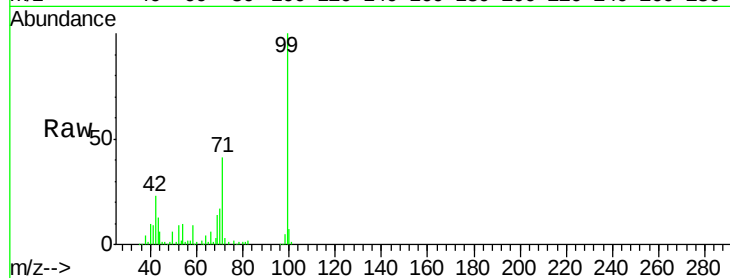
Tgt Ion: 99 Resp: 142126

Ion Ratio Lower Upper

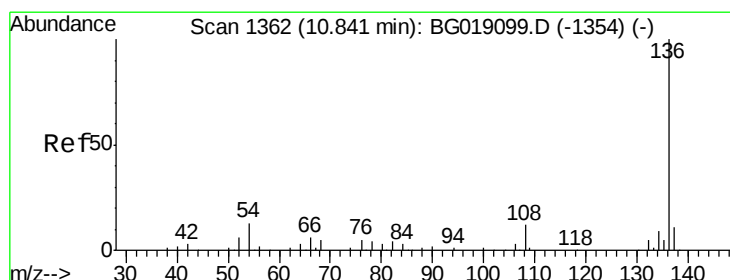
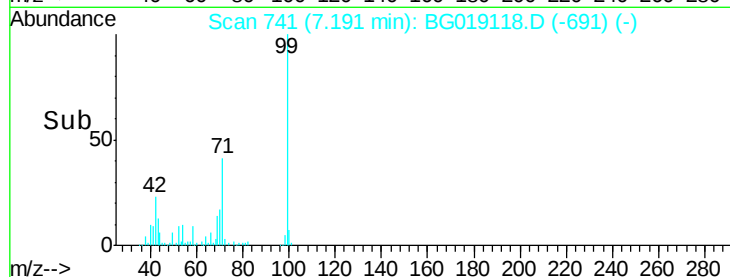
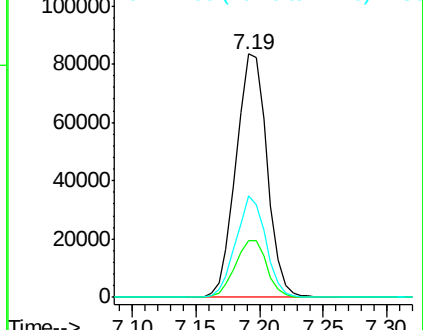
99 100

42 23.4 19.5 29.3

71 41.5 31.4 47.0



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: 20.00 ng

RT: 10.83 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BG019118.D

Acq: 10 Oct 2015 15:33

Tgt Ion: 136 Resp: 65691

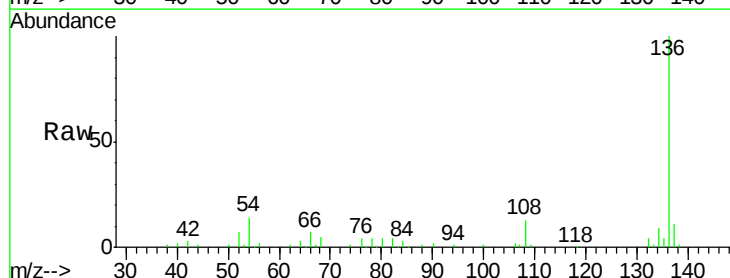
Ion Ratio Lower Upper

136 100

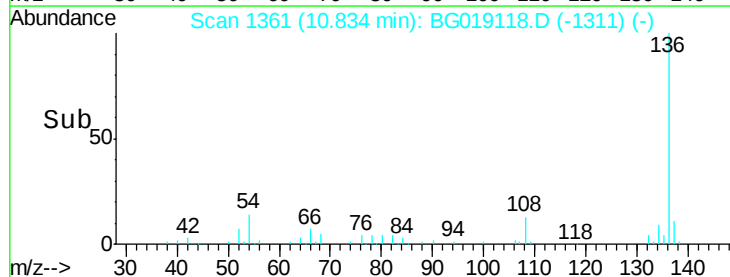
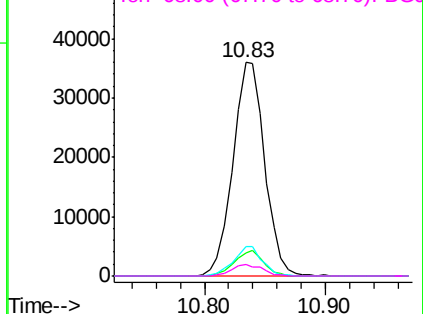
137 10.5 9.0 13.4

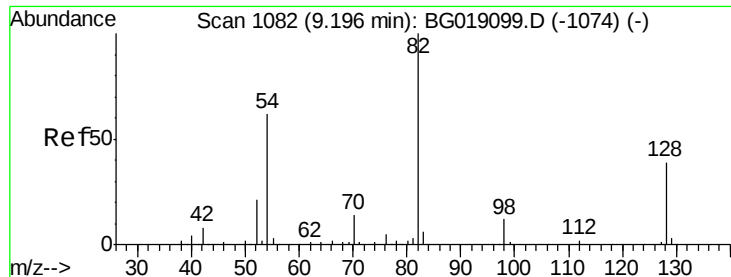
54 14.0 10.1 15.1

68 5.5 4.4 6.6



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

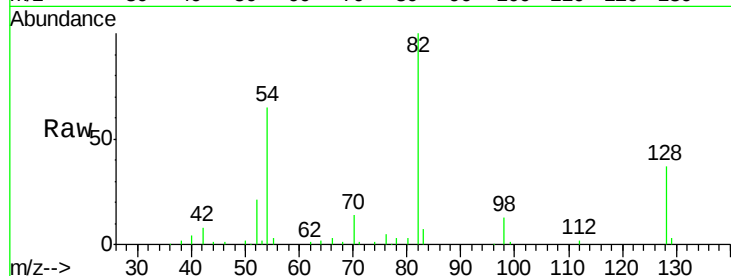




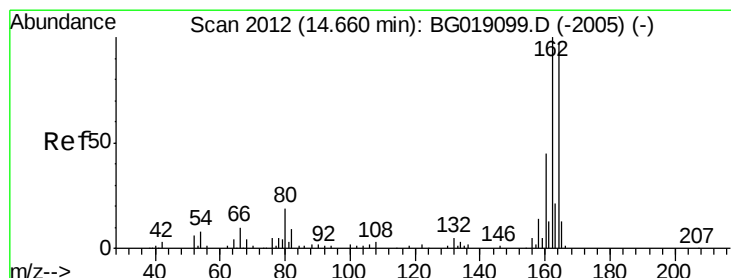
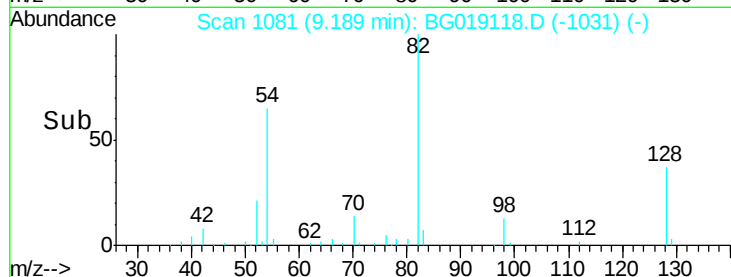
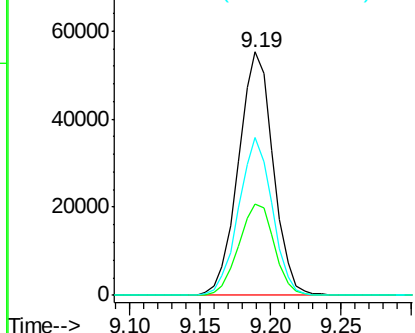
#23
 Nitrobenzene-d5
 Concen: 79.75 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019118.D
 Acq: 10 Oct 2015 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB86035BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	31.4	47.2
54	65.0	50.0	75.0

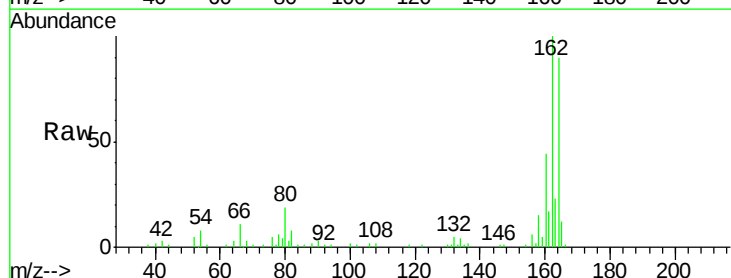


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

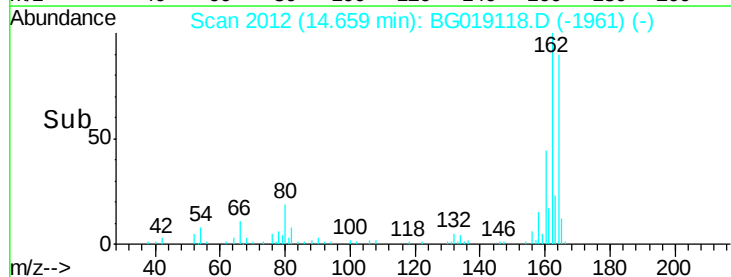
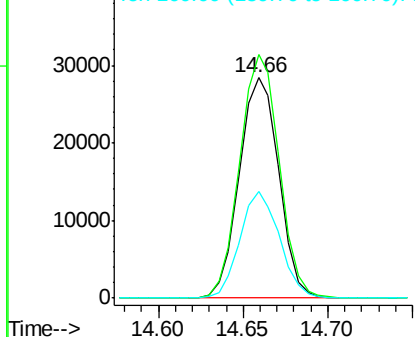


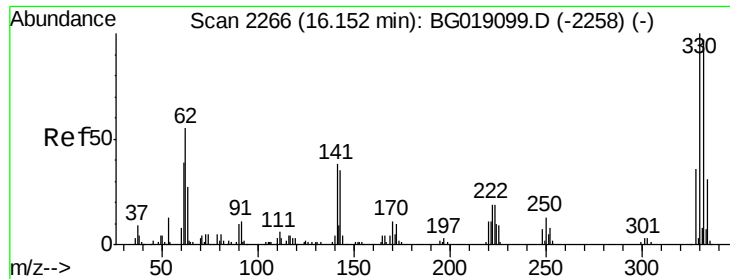
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG019118.D
 Acq: 10 Oct 2015 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.6	82.6	124.0
160	48.5	36.9	55.3



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

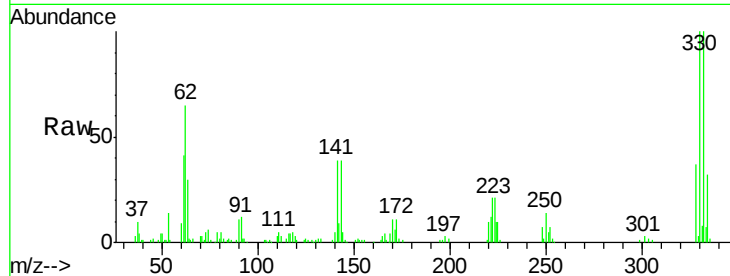




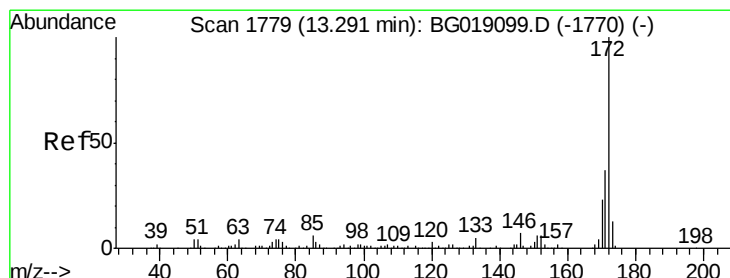
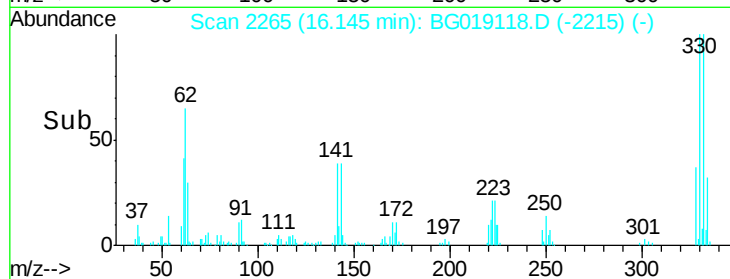
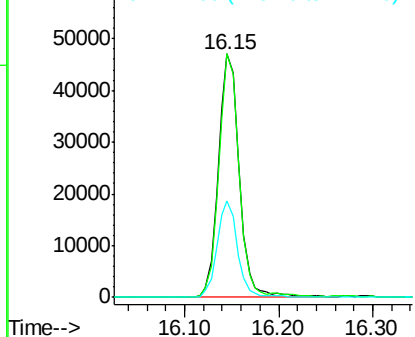
#41
 2,4,6-Tribromophenol
 Concen: 116.73 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG019118.D
 Acq: 10 Oct 2015 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB86035BL

Tgt Ion: 330 Resp: 73230
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 38.8 30.7 46.1

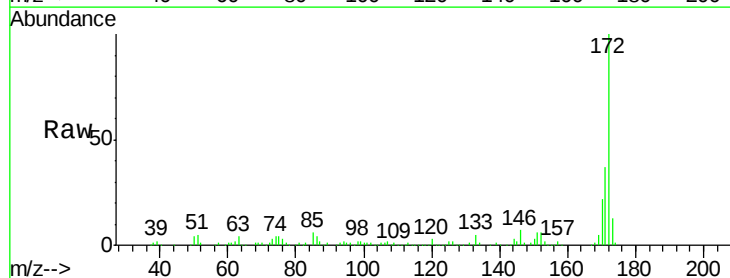


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

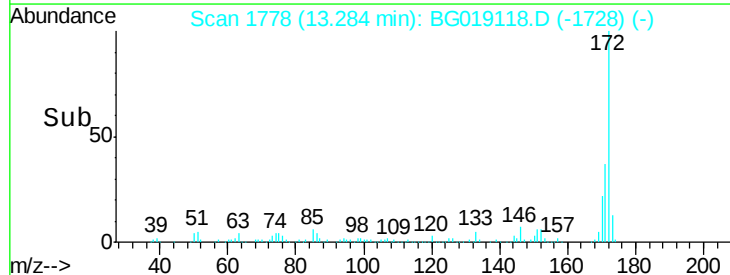
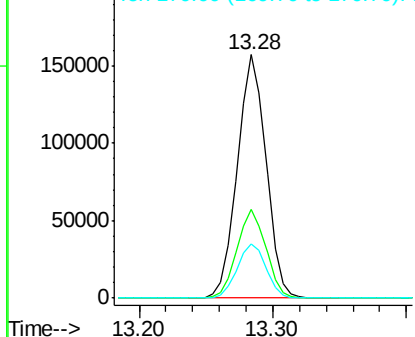


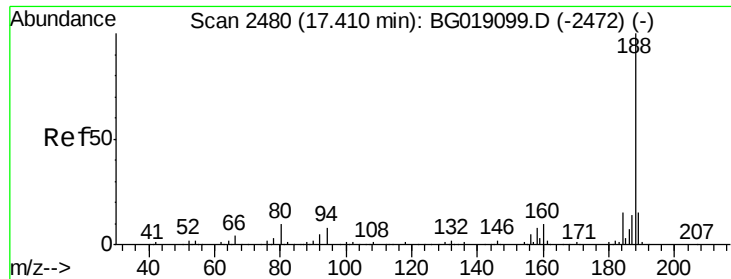
#44
 2-Fluorobiphenyl
 Concen: 78.00 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019118.D
 Acq: 10 Oct 2015 15:33

Tgt Ion: 172 Resp: 233539
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.9 44.9
 170 22.3 18.6 27.8



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

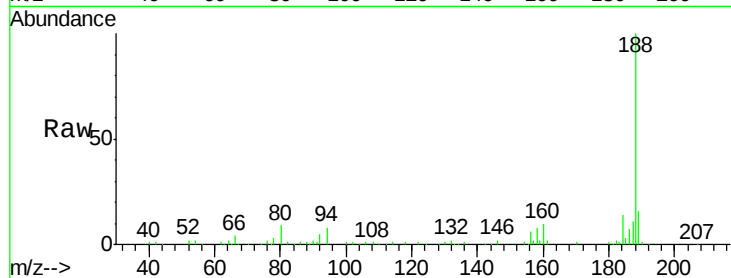




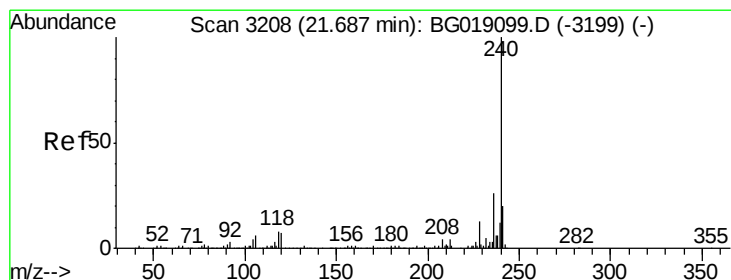
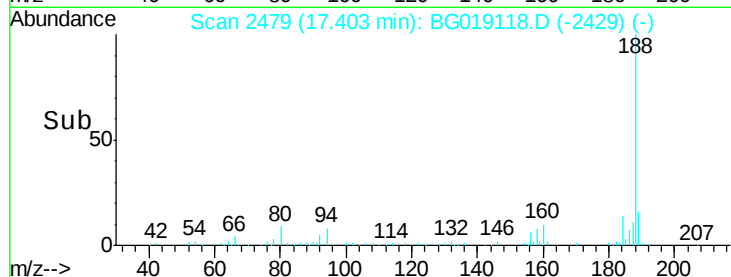
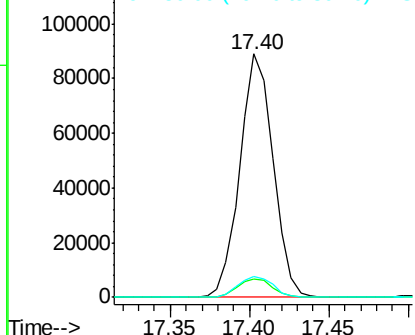
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019118.D
Acq: 10 Oct 2015 15:33

Instrument :
BNA_G
ClientSampleId :
PB86035BL

Tgt Ion:188 Resp: 129882
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.5 7.6 11.4

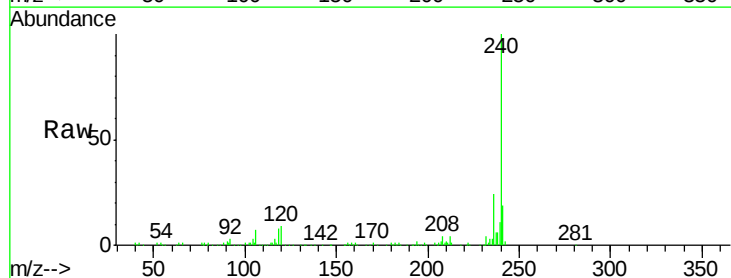


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

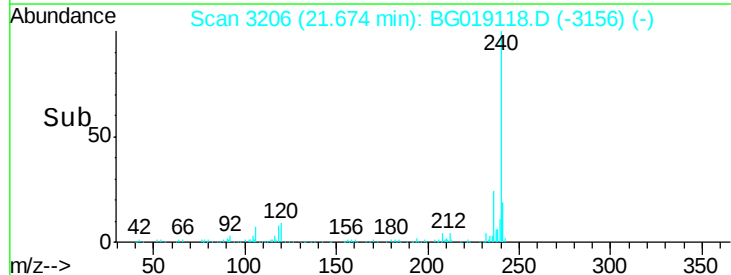
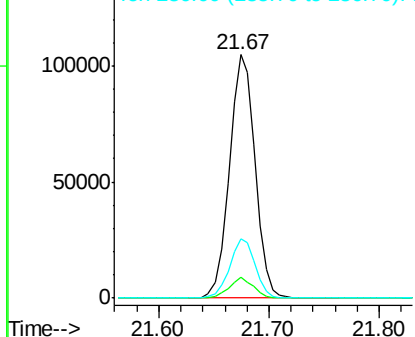


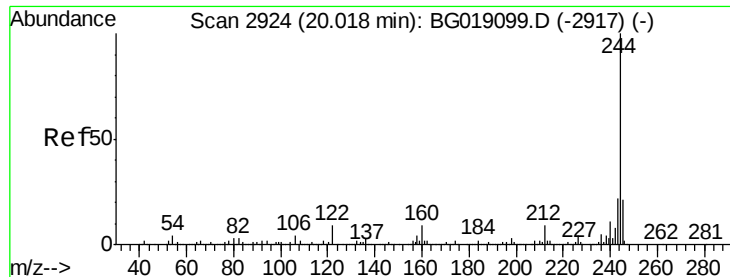
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019118.D
Acq: 10 Oct 2015 15:33

Tgt Ion:240 Resp: 169592
Ion Ratio Lower Upper
240 100
120 8.8 5.8 8.6#
236 24.4 21.2 31.8



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

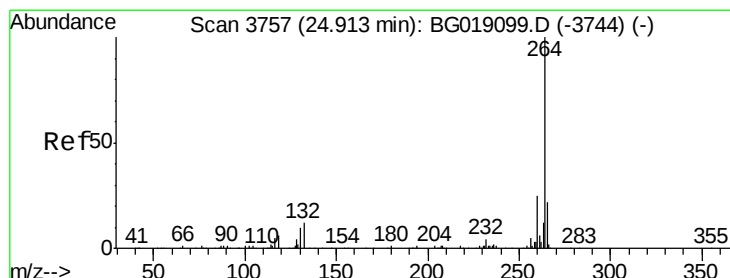
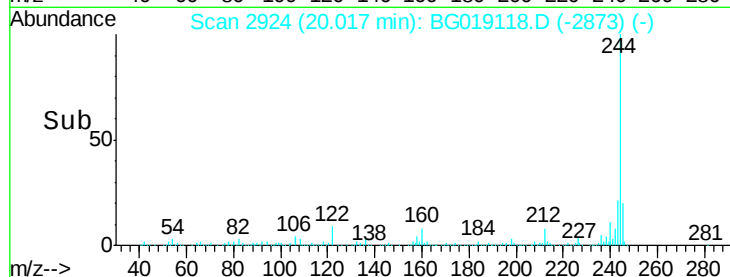
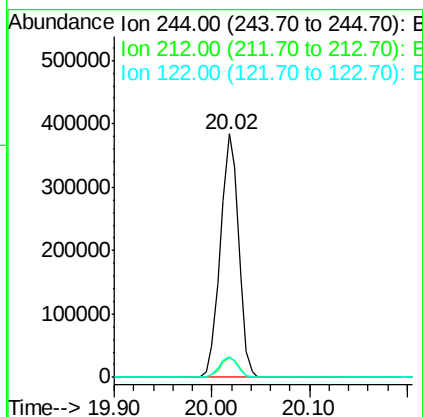
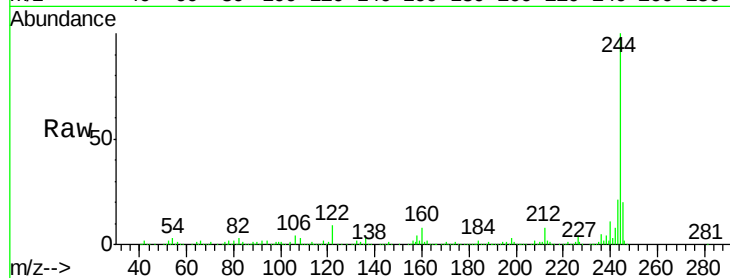




#78
 Terphenyl-d14
 Concen: 77.94 ng
 RT: 20.02 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG019118.D
 Acq: 10 Oct 2015 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB86035BL

Tgt Ion:244 Resp: 500357
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.8 10.2
 122 8.7 7.4 11.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.90 min Scan# 3755
 Delta R.T. -0.01 min
 Lab File: BG019118.D
 Acq: 10 Oct 2015 15:33

Tgt Ion:264 Resp: 163688
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.6 17.2 25.8

