

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019173.D
 Acq On : 13 Oct 2015 00:54
 Operator : UM/NP
 Sample : PB85644BL
 Misc : LOD 1PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85644BL

Quant Time: Oct 13 04:56:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16687	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	74212	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	53649	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	146172	20.00	ng	0.00
75) Chrysene-d12	21.68	240	173502	20.00	ng	0.00
86) Perylene-d12	24.91	264	166203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	115863	141.37	ng	0.00
7) Phenol-d6	7.20	99	174107	138.29	ng	0.00
23) Nitrobenzene-d5	9.19	82	117943	87.81	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	95478	130.60	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	290745	83.33	ng	0.00
78) Terphenyl-d14	20.02	244	552743	84.15	ng	0.00

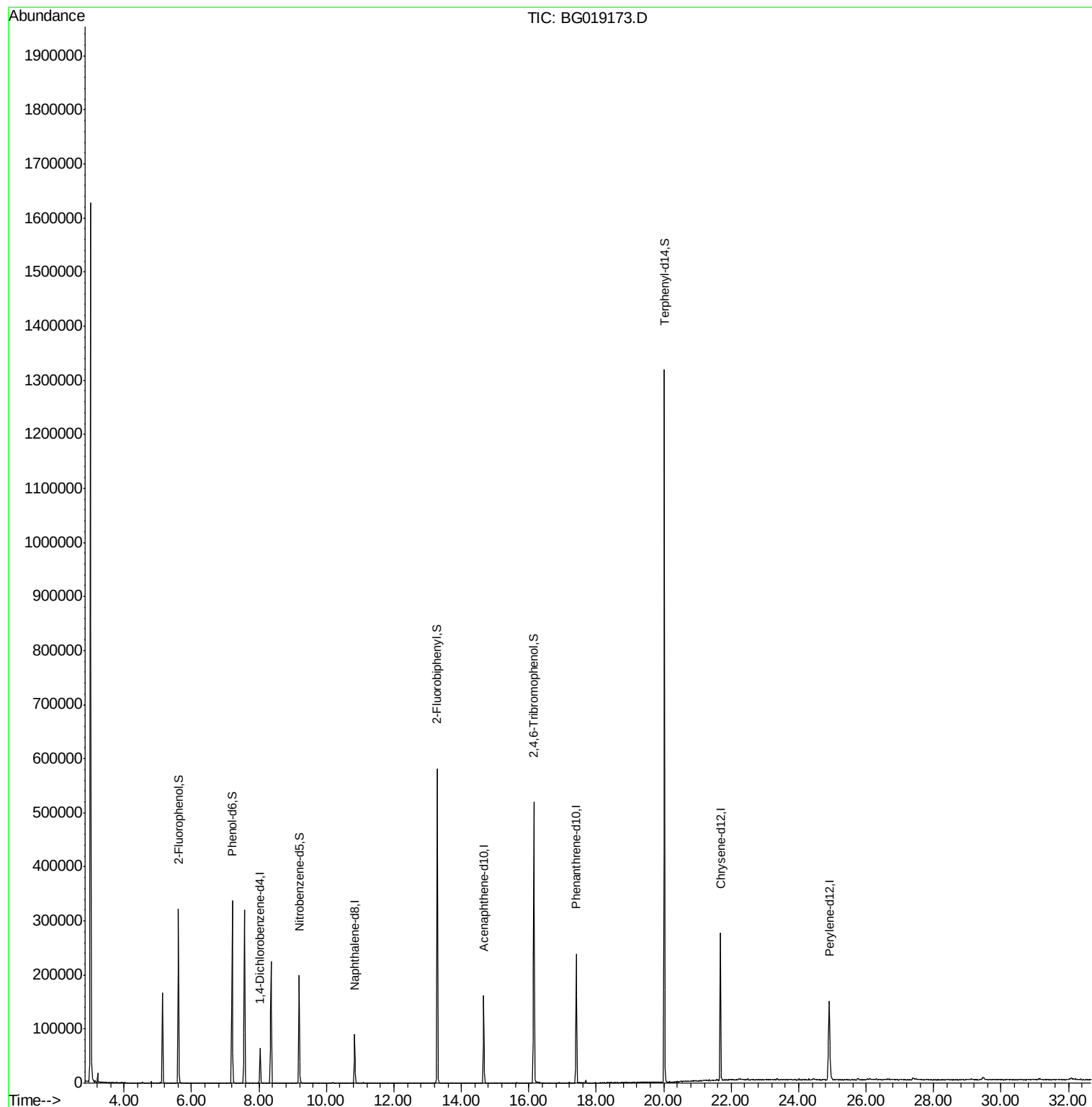
Target Compounds Qvalue

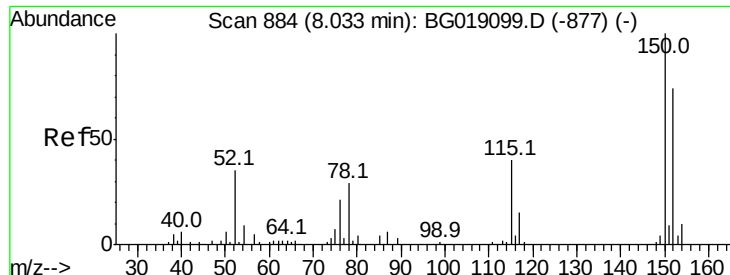
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG019173.D

Acq: 13 Oct 2015 00:54

Instrument :

BNA_G

ClientSampleId :

PB85644BL

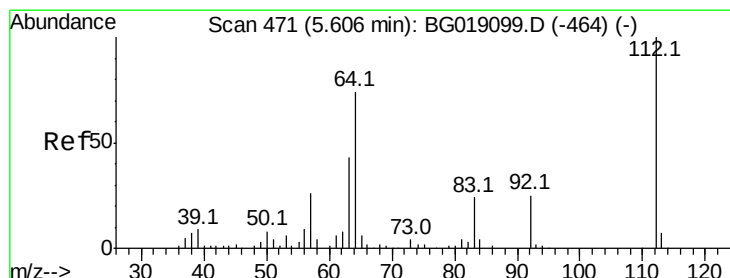
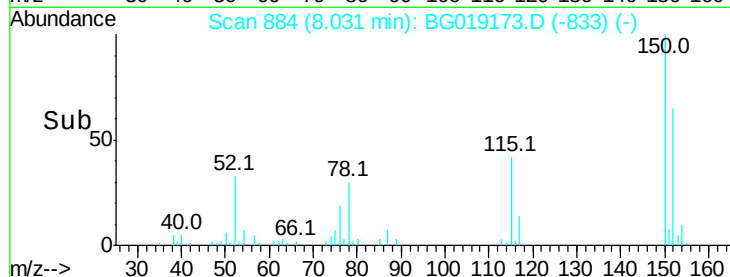
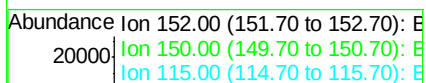
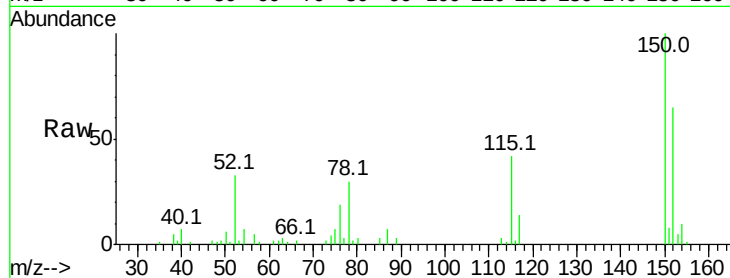
Tot Ion:152 Resp: 16687

Ion Ratio Lower Upper

152 100

150 153.5 108.2 162.2

115 64.2 43.2 64.8



#5

2-Fluorophenol

Concen: 141.37 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: BG019173.D

Acq: 13 Oct 2015 00:54

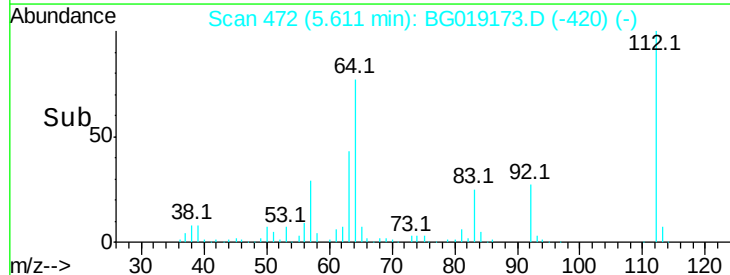
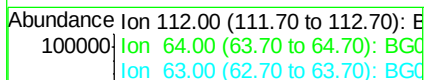
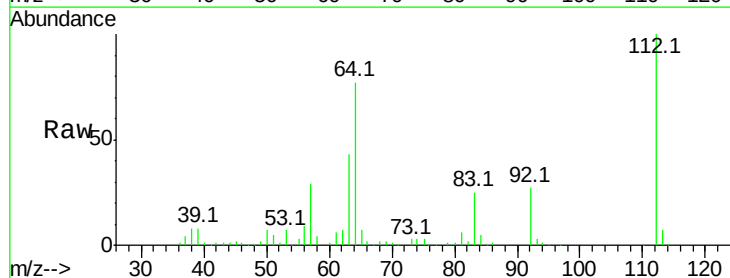
Tgt Ion:112 Resp: 115863

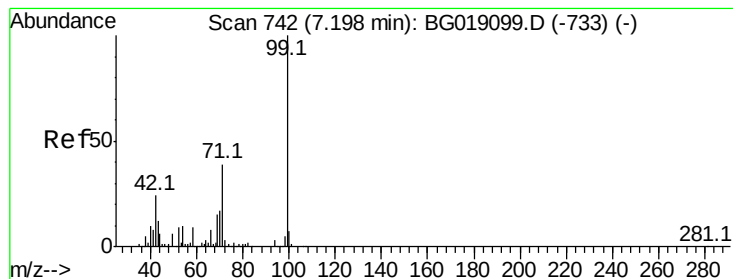
Ion Ratio Lower Upper

112 100

64 77.5 59.0 88.4

63 43.2 34.7 52.1





#7

Phenol-d6

Concen: 138.29 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG019173.D

Acq: 13 Oct 2015 00:54

Instrument :

BNA_G

ClientSampleId :

PB85644BL

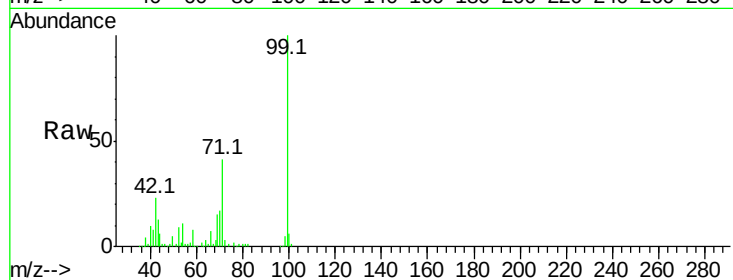
Tot Ion: 99 Resp: 174107

Ion Ratio Lower Upper

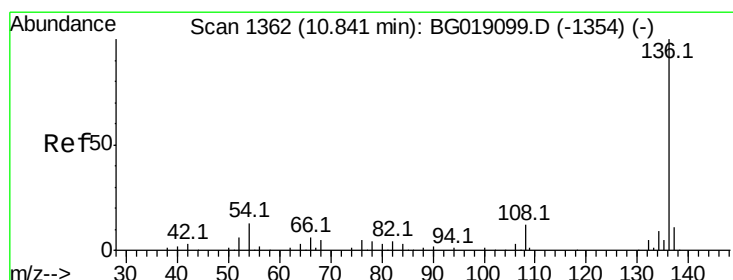
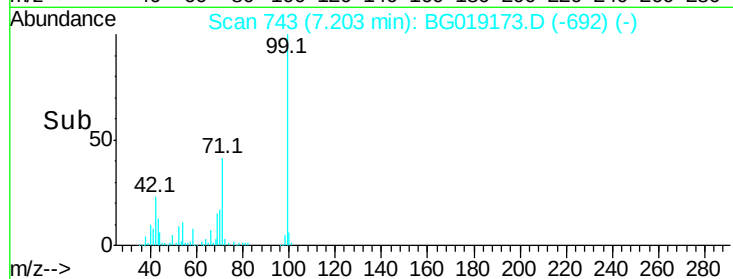
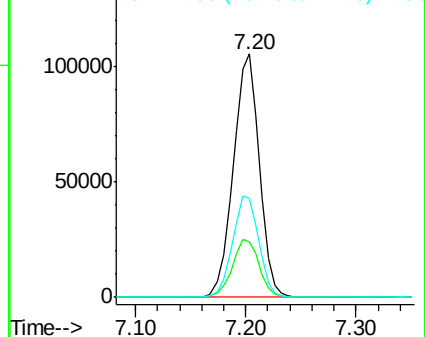
99 100

42 23.0 19.5 29.3

71 40.5 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: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG019173.D

Acq: 13 Oct 2015 00:54

Tgt Ion: 136 Resp: 74212

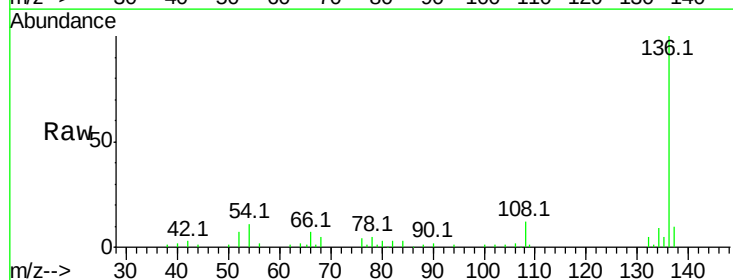
Ion Ratio Lower Upper

136 100

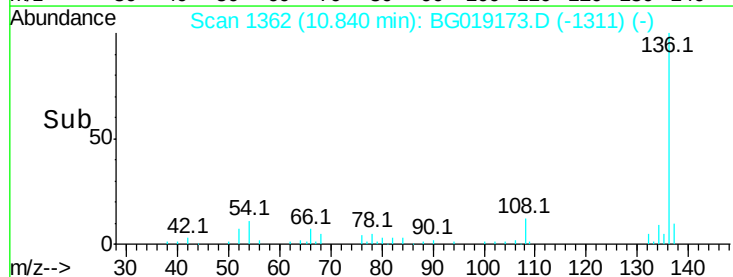
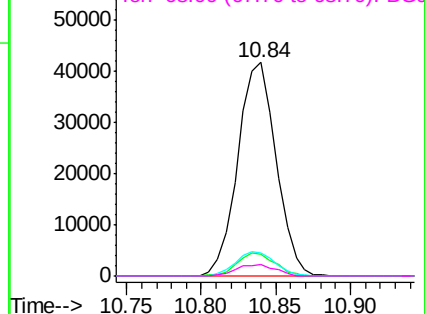
137 10.0 9.0 13.4

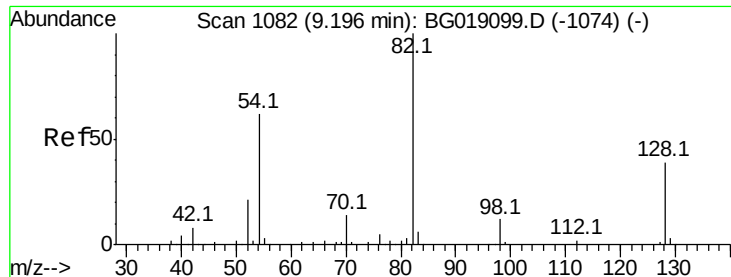
54 11.0 10.1 15.1

68 5.2 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

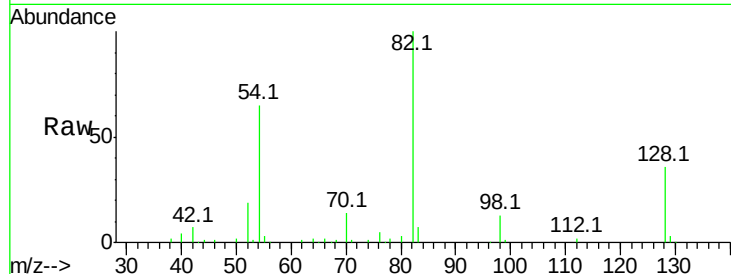




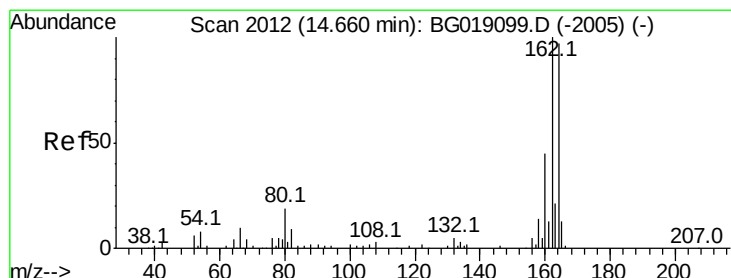
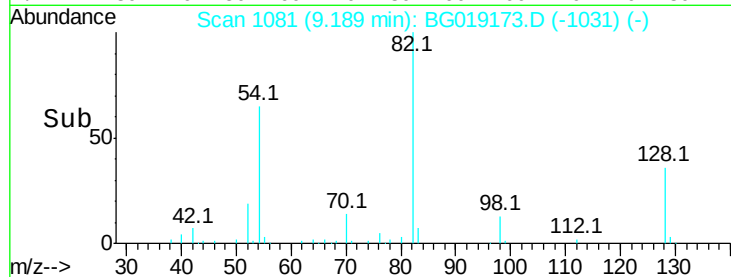
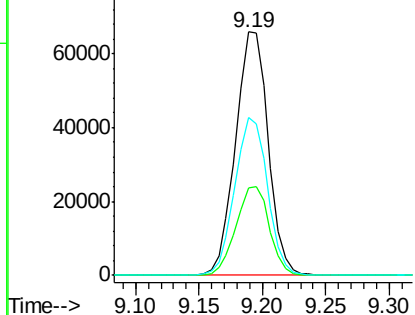
#23
Nitrobenzene-d5
Concen: 87.81 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tot Ion: 82 Resp: 117943
Ion Ratio Lower Upper
82 100
128 35.7 31.4 47.2
54 65.1 50.0 75.0

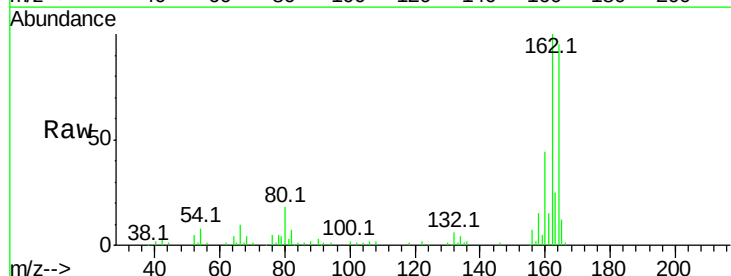


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

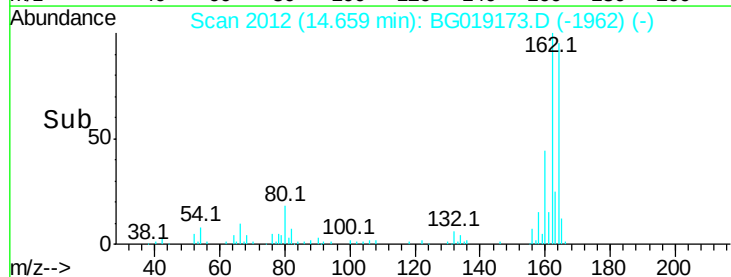
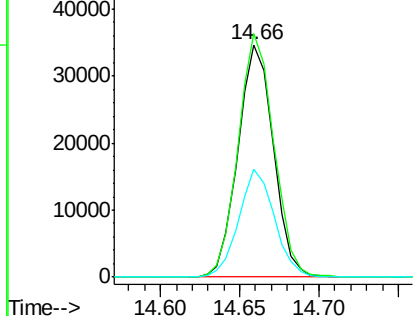


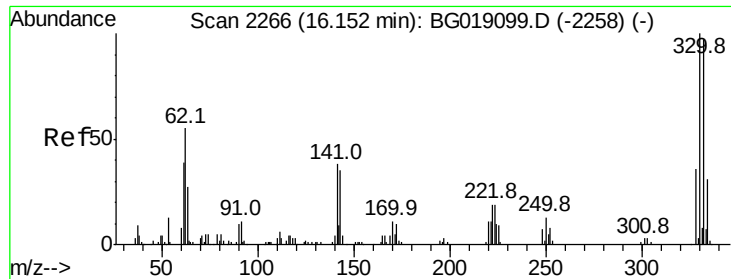
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion: 164 Resp: 53649
Ion Ratio Lower Upper
164 100
162 104.7 82.6 124.0
160 46.2 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

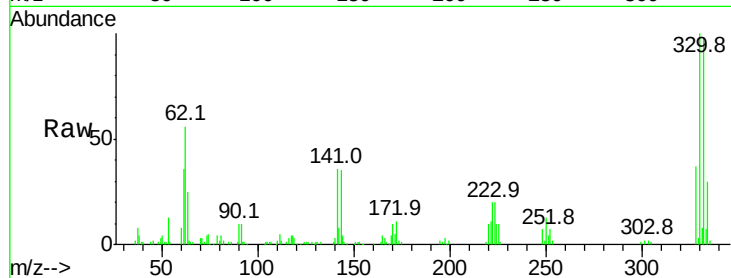




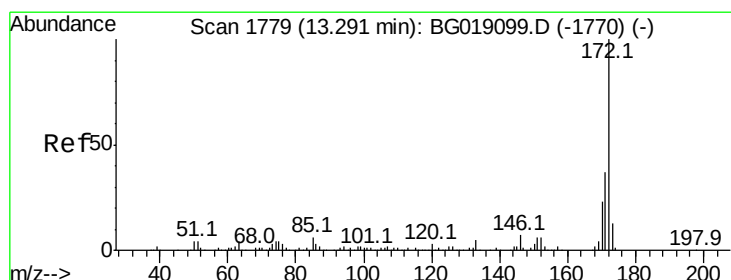
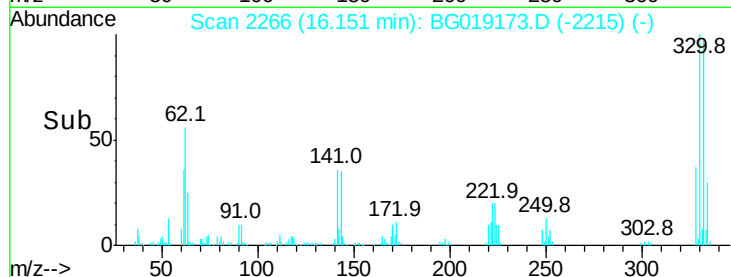
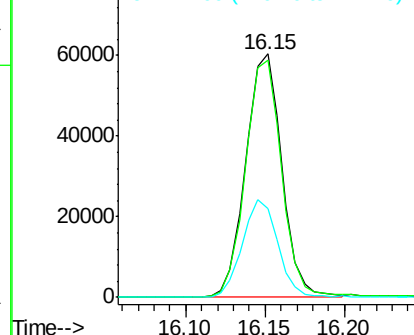
#41
 2,4,6-Tribromophenol
 Concen: 130.60 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019173.D
 Acq: 13 Oct 2015 00:54

Instrument :
 BNA_G
 ClientSampleId :
 PB85644BL

Tot Ion:330 Resp: 95478
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 39.8 30.7 46.1

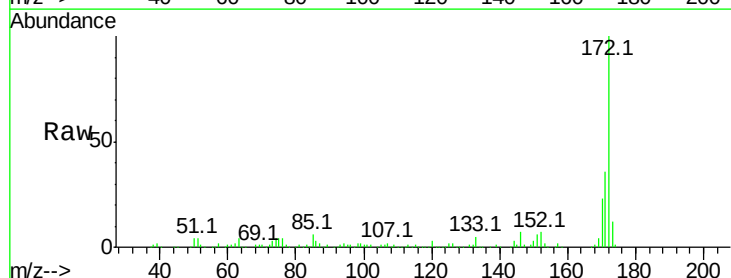


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

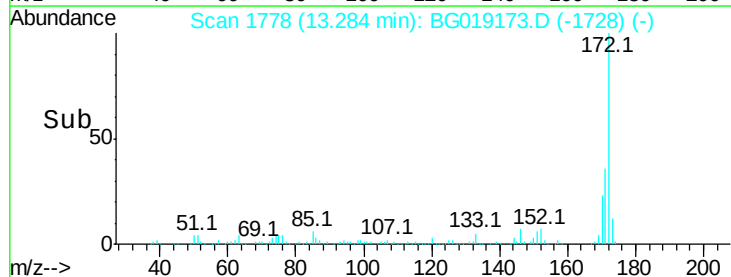
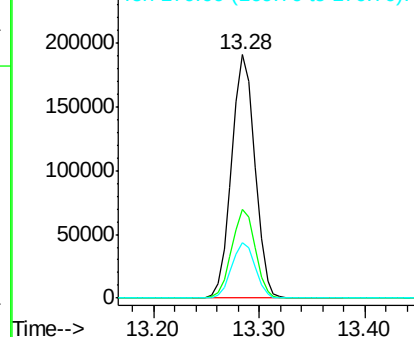


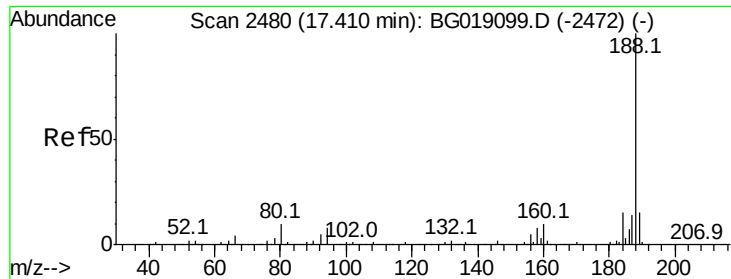
#44
 2-Fluorobiphenyl
 Concen: 83.33 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019173.D
 Acq: 13 Oct 2015 00:54

Tgt Ion:172 Resp: 290745
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.9 44.9
 170 22.9 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

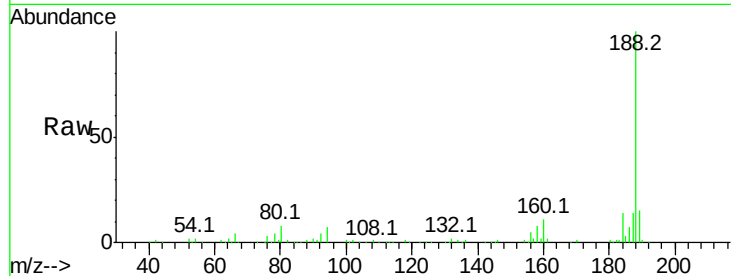




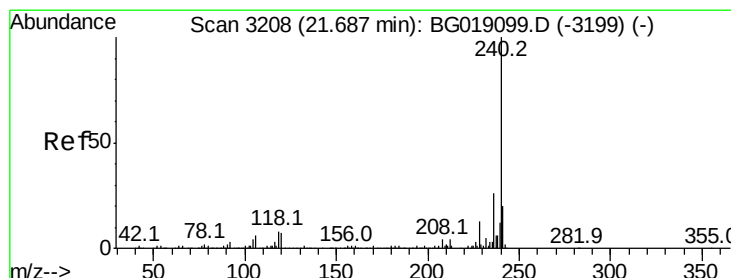
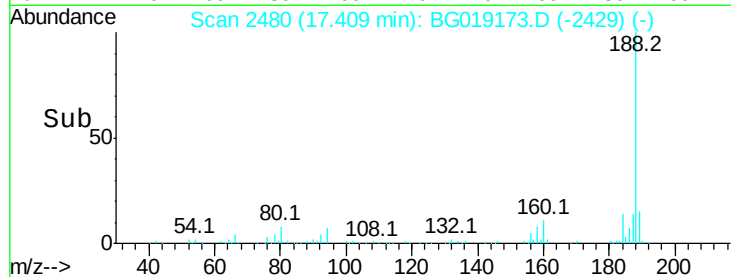
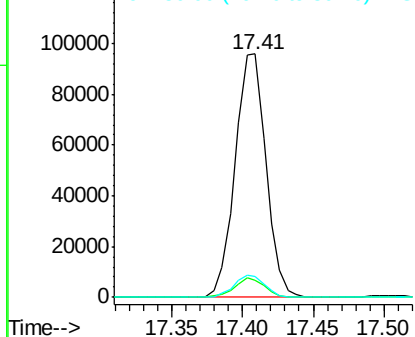
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Instrument :
BNA_G
ClientSampleId :
PB85644BL

Tot Ion:188 Resp: 146172
Ion Ratio Lower Upper
188 100
94 7.3 6.4 9.6
80 8.3 7.6 11.4

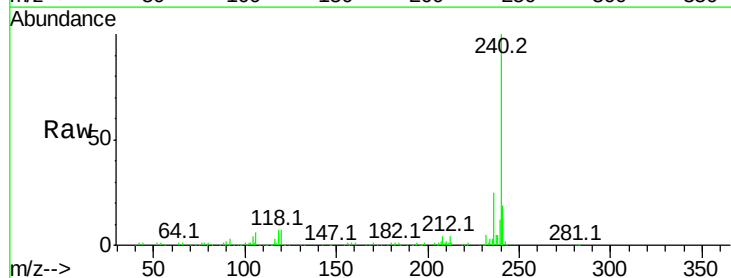


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

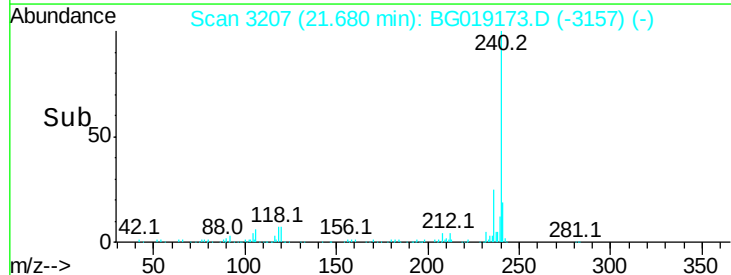
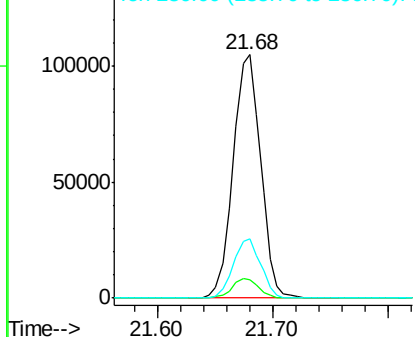


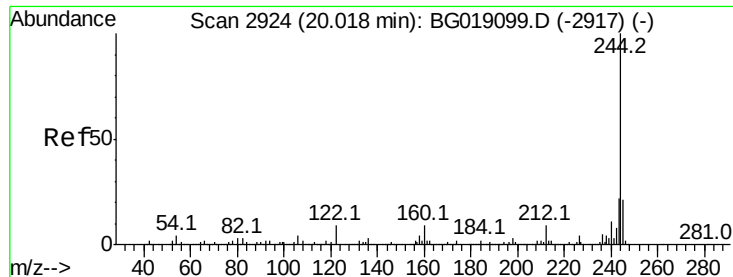
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG019173.D
Acq: 13 Oct 2015 00:54

Tgt Ion:240 Resp: 173502
Ion Ratio Lower Upper
240 100
120 7.4 5.8 8.6
236 24.6 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: 84.15 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BG019173.D

Acq: 13 Oct 2015 00:54

Instrument :

BNA_G

ClientSampleId :

PB85644BL

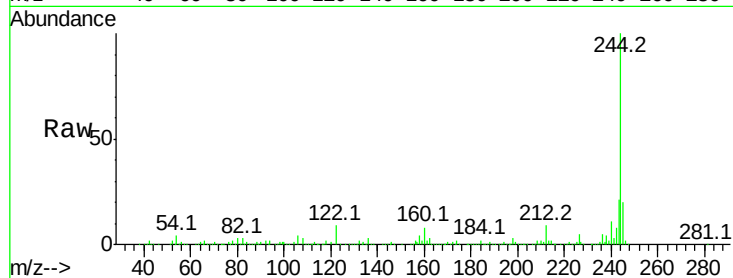
Tot Ion:244 Resp: 552743

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

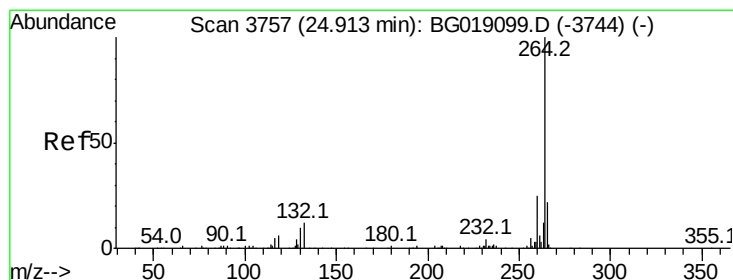
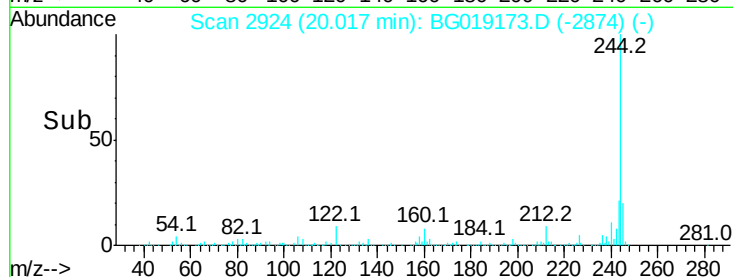
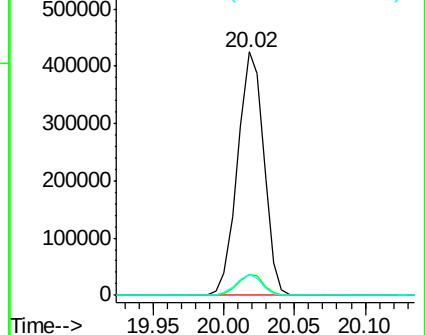
122 8.7 7.4 11.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.01 min

Lab File: BG019173.D

Acq: 13 Oct 2015 00:54

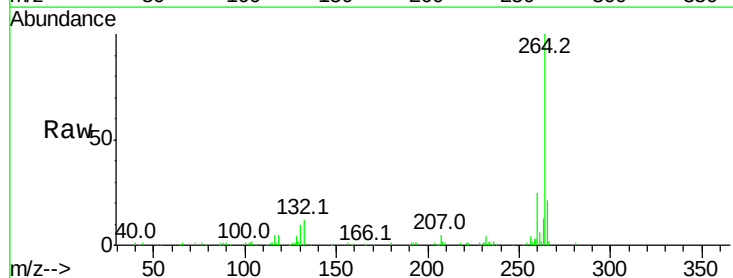
Tgt Ion:264 Resp: 166203

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 20.8 17.2 25.8



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

