

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019117.D
 Acq On : 10 Oct 2015 14:55
 Operator : UM/NP
 Sample : PB85991BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BL

Quant Time: Oct 12 06:51:01 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	15484	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	66252	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	47997	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	131165	20.00	ng	0.00
75) Chrysene-d12	21.67	240	169729	20.00	ng	0.00
86) Perylene-d12	24.90	264	162160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	90595	119.13	ng	0.00
7) Phenol-d6	7.19	99	136811	117.11	ng	0.00
23) Nitrobenzene-d5	9.19	82	90306	75.31	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	68018	103.99	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	219537	70.33	ng	0.00
78) Terphenyl-d14	20.02	244	470339	73.20	ng	0.00

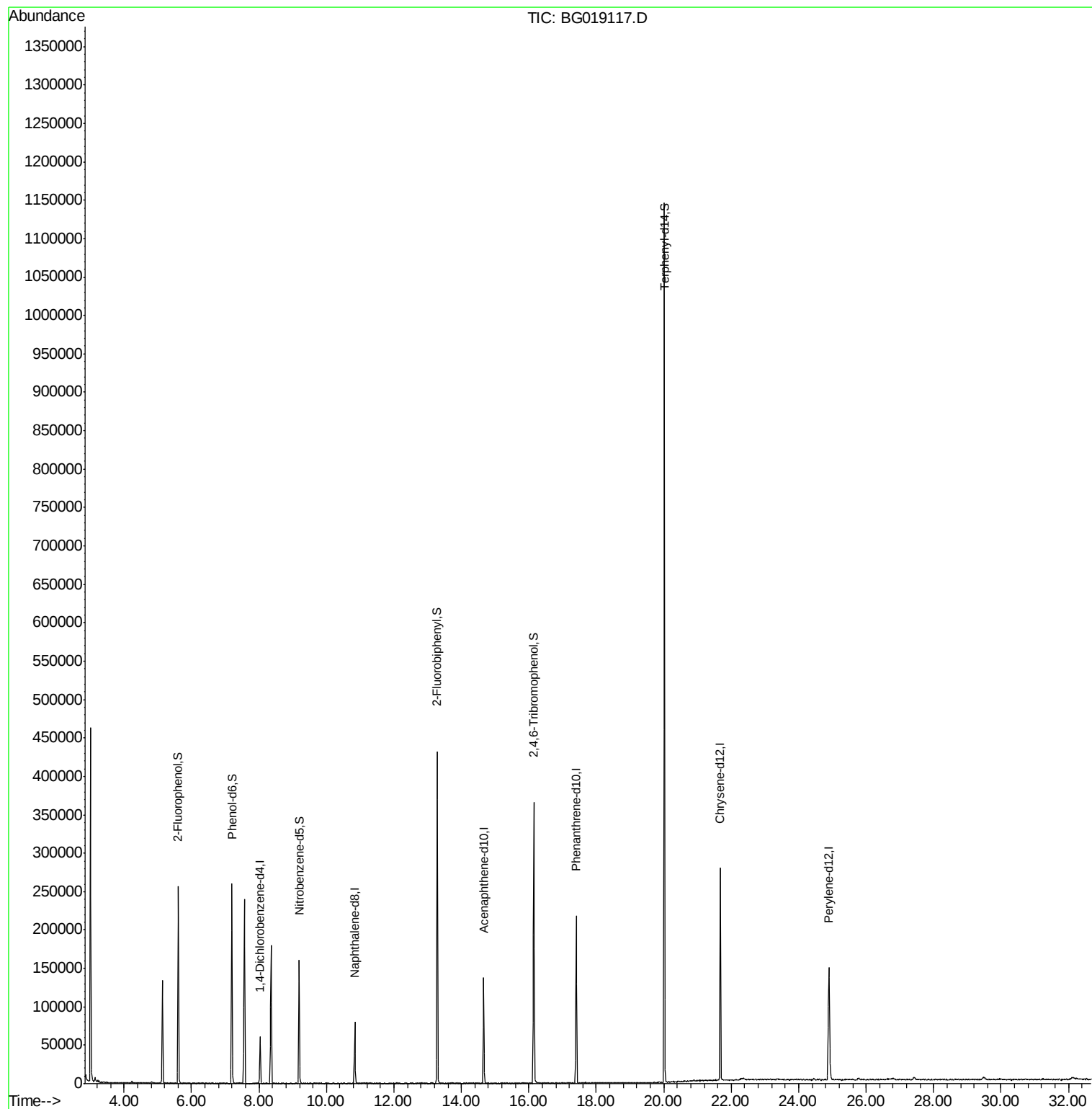
Target Compounds	Qvalue
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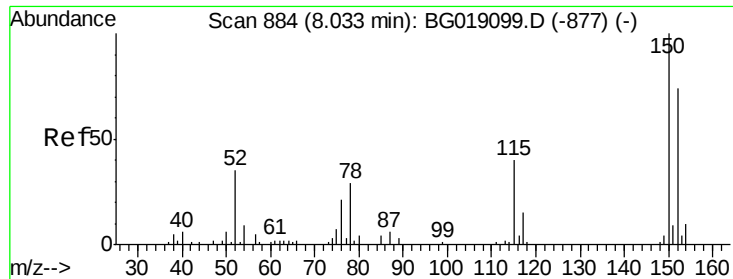
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019117.D

Acq: 10 Oct 2015 14:55

Instrument :

BNA_G

ClientSampleId :

PB85991BL

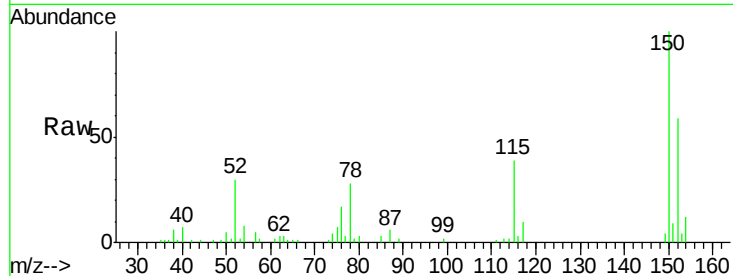
Tgt Ion:152 Resp: 15484

Ion Ratio Lower Upper

152 100

150 169.2 108.2 162.2#

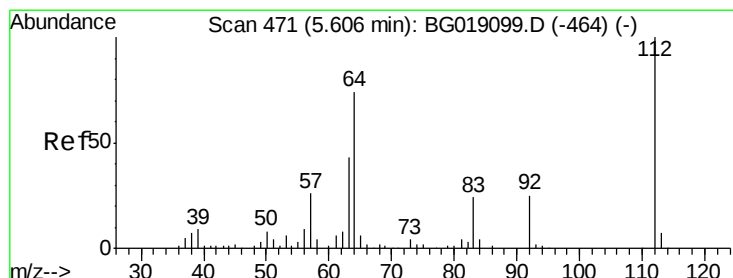
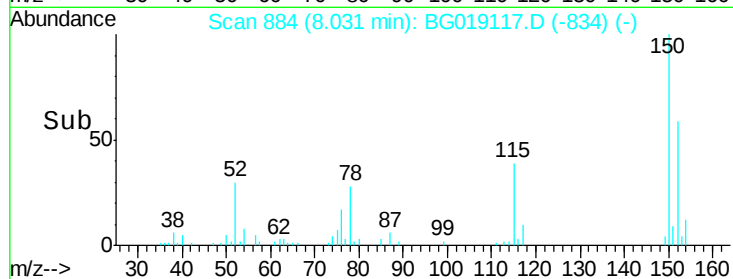
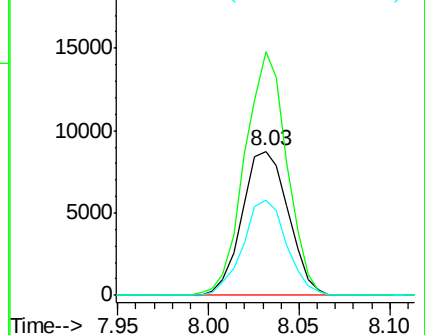
115 65.8 43.2 64.8#



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: 119.13 ng

RT: 5.60 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019117.D

Acq: 10 Oct 2015 14:55

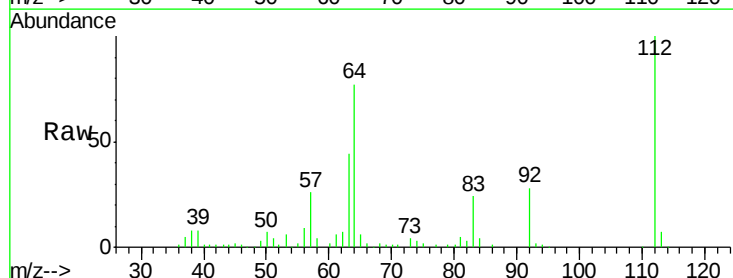
Tgt Ion:112 Resp: 90595

Ion Ratio Lower Upper

112 100

64 76.7 59.0 88.4

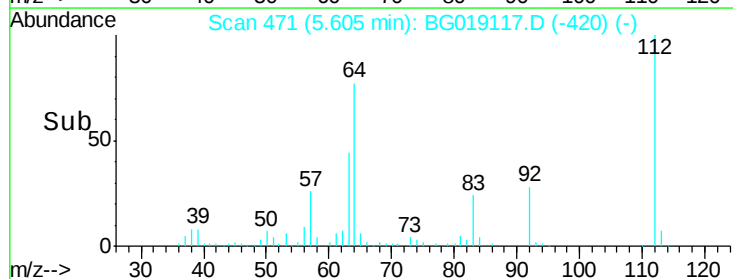
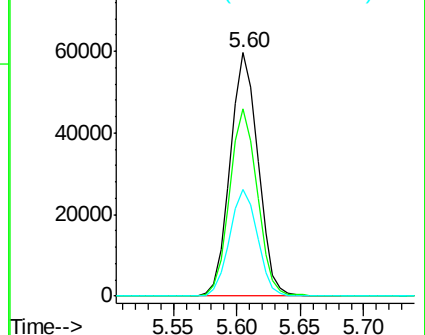
63 43.9 34.7 52.1

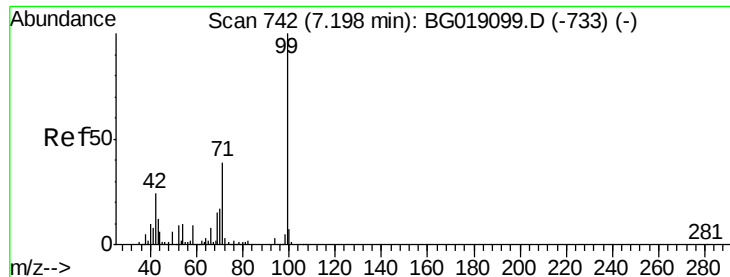


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.11 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019117.D

Acq: 10 Oct 2015 14:55

Instrument :

BNA_G

ClientSampleId :

PB85991BL

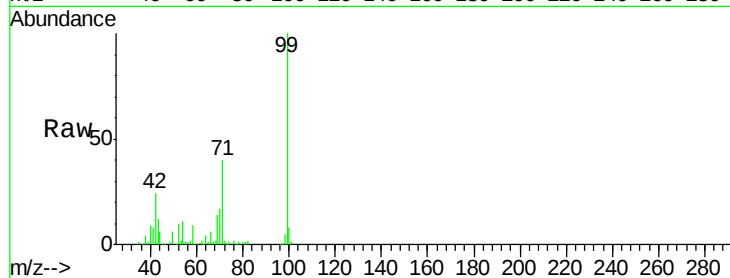
Tgt Ion: 99 Resp: 136811

Ion Ratio Lower Upper

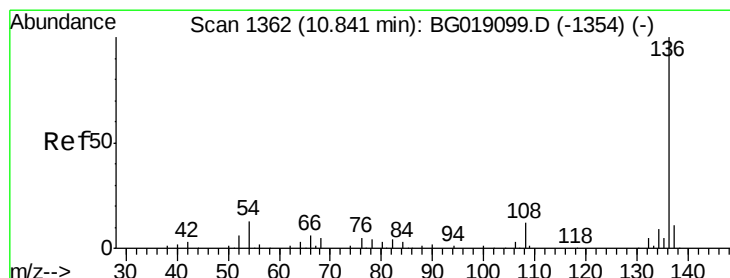
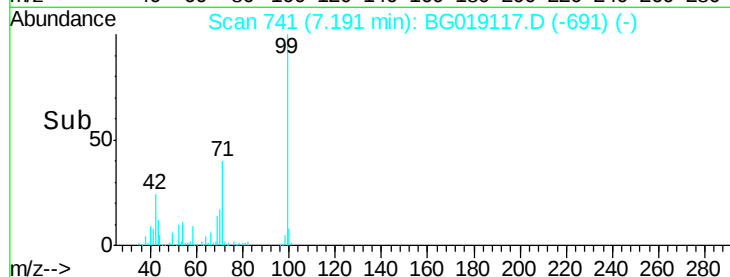
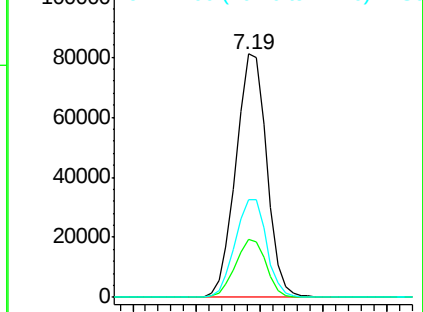
99 100

42 23.7 19.5 29.3

71 40.0 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: BG019117.D

Acq: 10 Oct 2015 14:55

Tgt Ion: 136 Resp: 66252

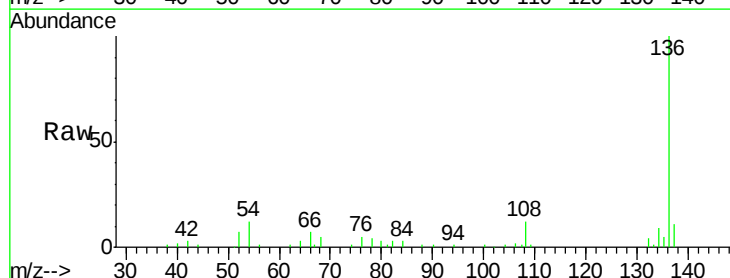
Ion Ratio Lower Upper

136 100

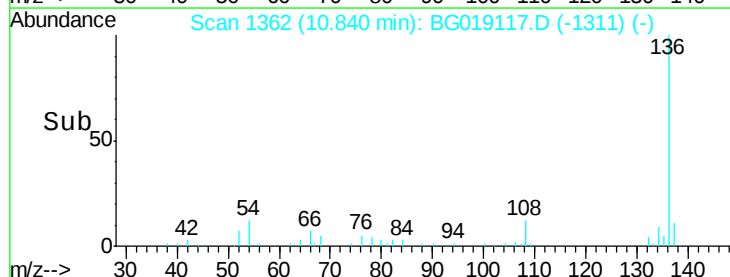
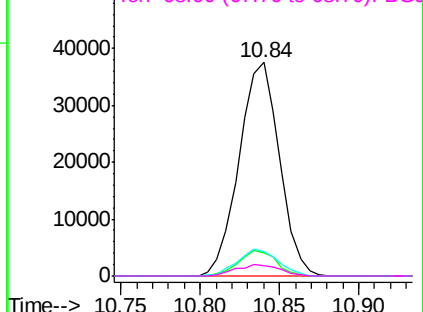
137 10.9 9.0 13.4

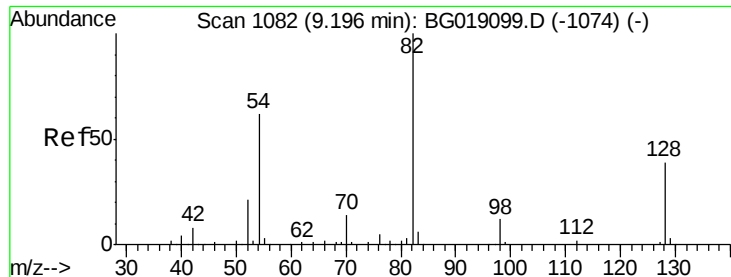
54 11.5 10.1 15.1

68 4.5 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

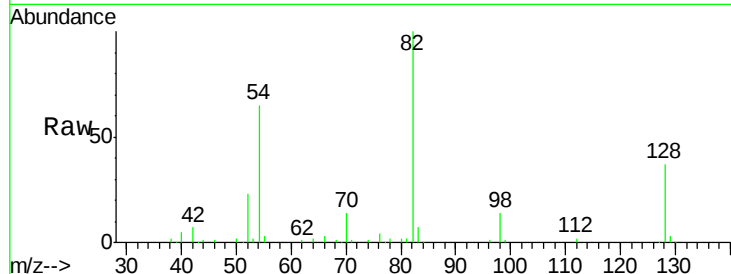




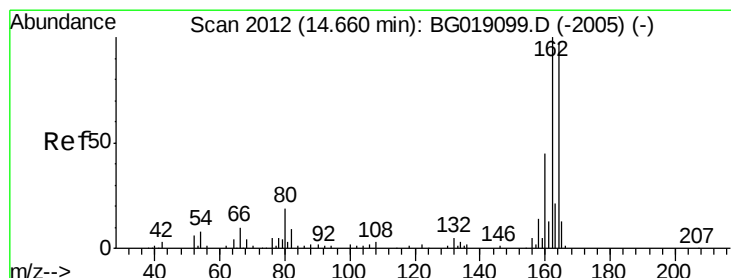
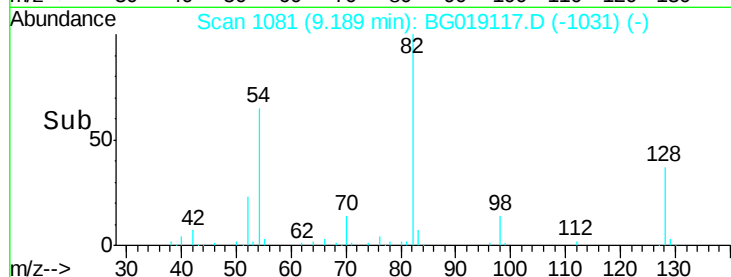
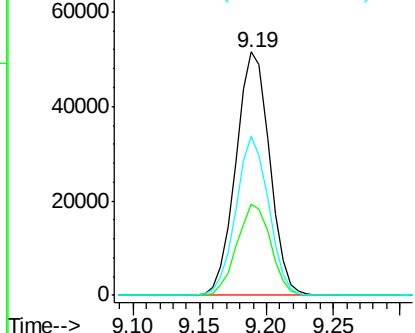
#23
 Nitrobenzene-d5
 Concen: 75.31 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019117.D
 Acq: 10 Oct 2015 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	31.4	47.2
54	65.3	50.0	75.0

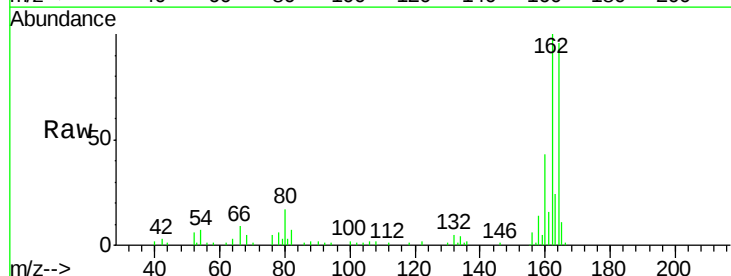


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

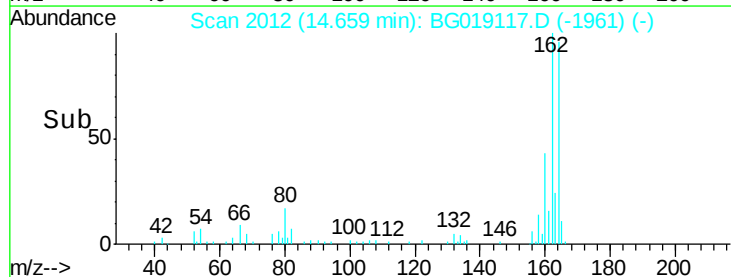
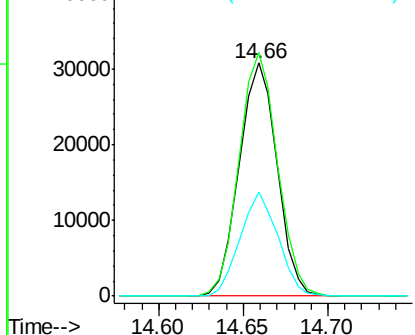


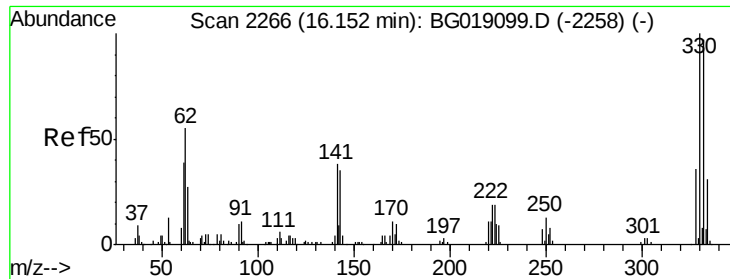
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG019117.D
 Acq: 10 Oct 2015 14:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	124.0
160	44.5	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

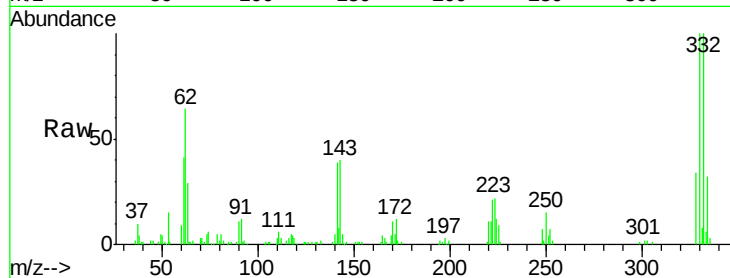




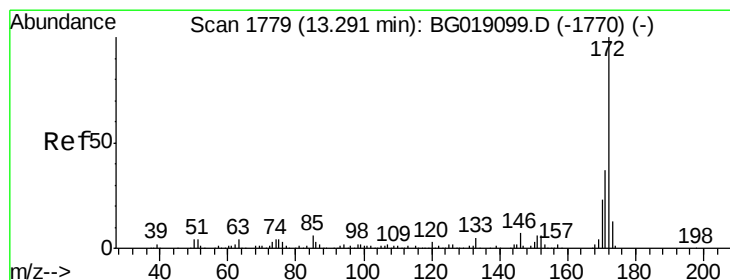
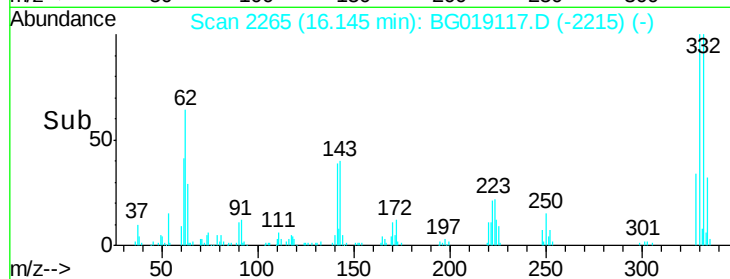
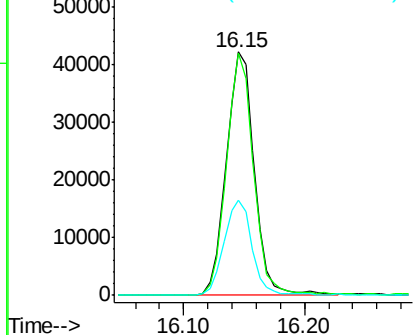
#41
 2,4,6-Tribromophenol
 Concen: 103.99 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG019117.D
 Acq: 10 Oct 2015 14:55

Instrument :
 BNA_G
 ClientSampled :
 PB85991BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	38.7	30.7	46.1

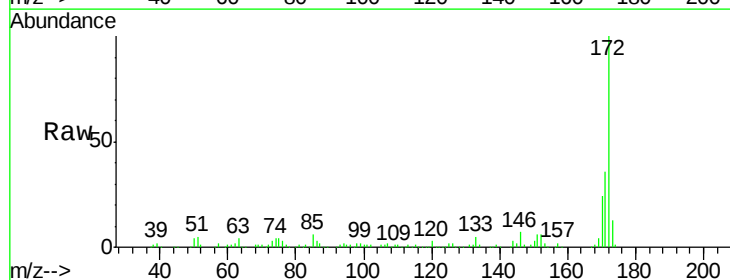


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

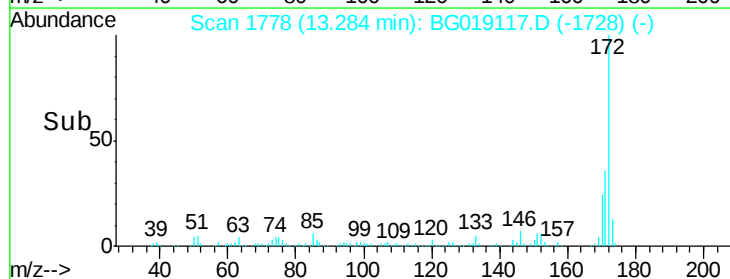
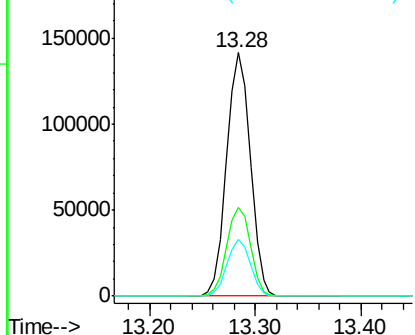


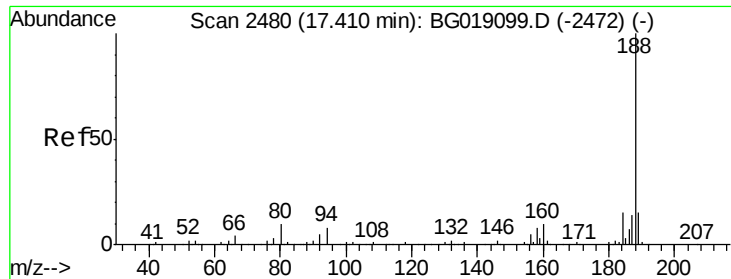
#44
 2-Fluorobiphenyl
 Concen: 70.33 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019117.D
 Acq: 10 Oct 2015 14:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	23.5	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

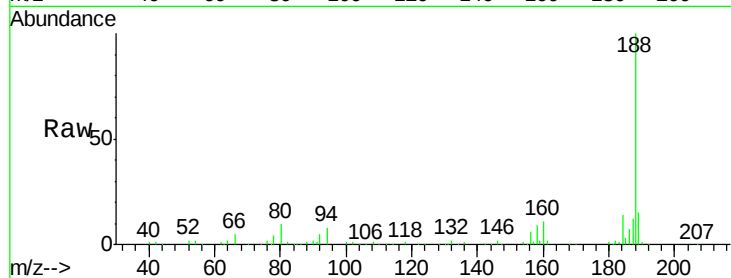




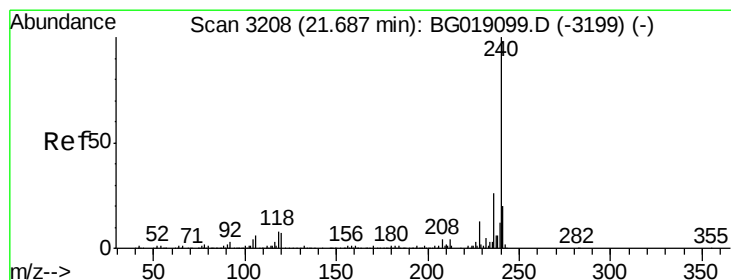
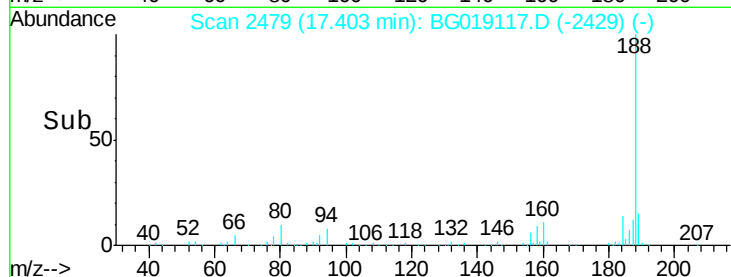
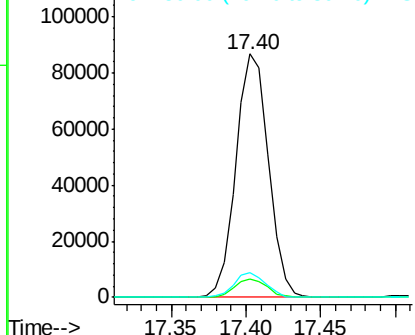
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019117.D
Acq: 10 Oct 2015 14:55

Instrument :
BNA_G
ClientSampleId :
PB85991BL

Tgt Ion:188 Resp: 131165
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 10.3 7.6 11.4

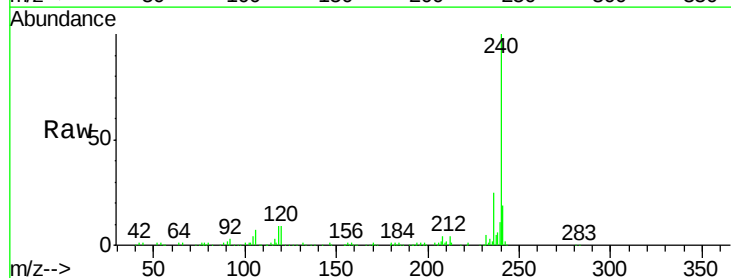


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

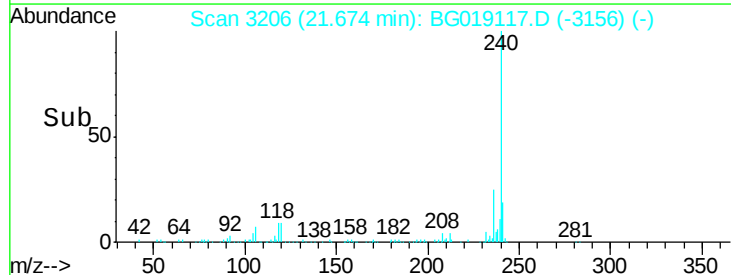
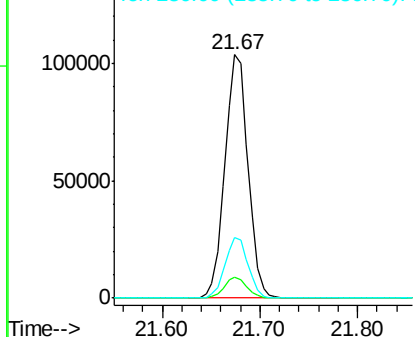


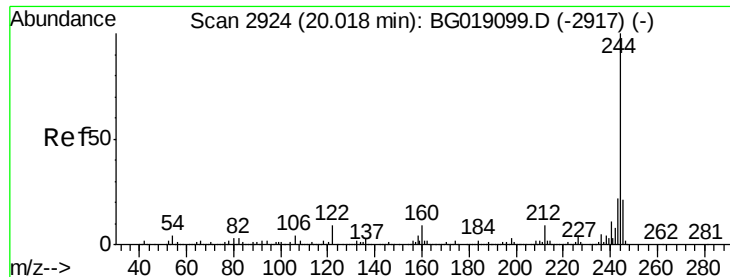
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019117.D
Acq: 10 Oct 2015 14:55

Tgt Ion:240 Resp: 169729
Ion Ratio Lower Upper
240 100
120 8.8 5.8 8.6#
236 25.0 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: 73.20 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019117.D

Acq: 10 Oct 2015 14:55

Instrument :

BNA_G

ClientSampleId :

PB85991BL

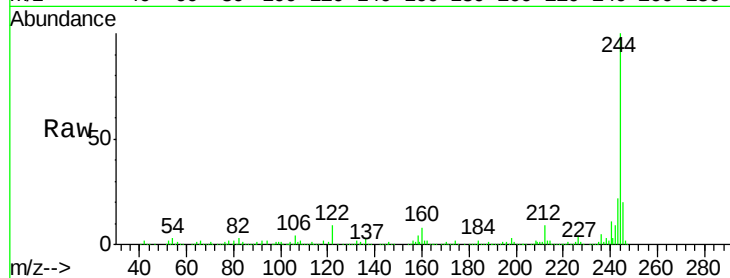
Tgt Ion:244 Resp: 470339

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

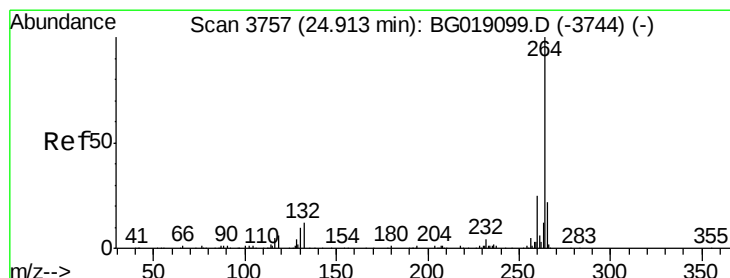
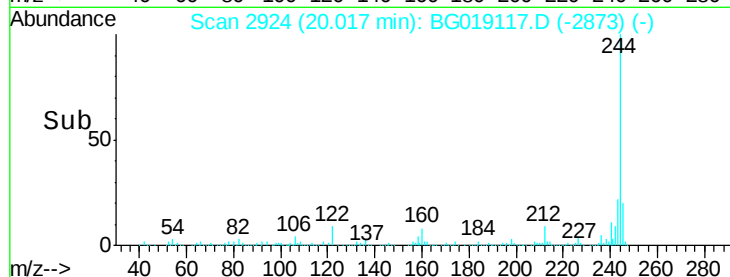
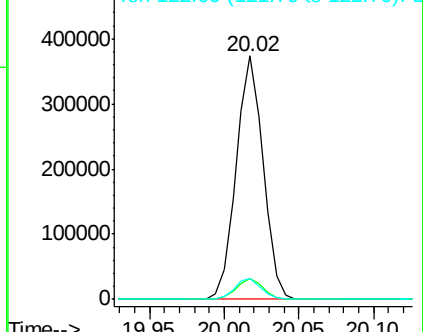
122 8.6 7.4 11.2



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: 24.90 min Scan# 3755

Delta R.T. -0.01 min

Lab File: BG019117.D

Acq: 10 Oct 2015 14:55

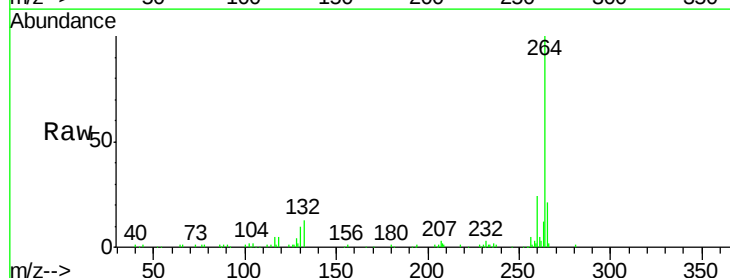
Tgt Ion:264 Resp: 162160

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 21.4 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

