

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019167.D
 Acq On : 12 Oct 2015 21:06
 Operator : UM/NP
 Sample : PB85643BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85643BL

Quant Time: Oct 13 03:46:17 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	17059	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	79490	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	58918	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	154399	20.00	ng	0.00
75) Chrysene-d12	21.68	240	183264	20.00	ng	0.00
86) Perylene-d12	24.90	264	174568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	120254	143.53	ng	0.00
7) Phenol-d6	7.20	99	187406	145.60	ng	0.00
23) Nitrobenzene-d5	9.19	82	127361	88.53	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	114723	142.89	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	325066	84.83	ng	0.00
78) Terphenyl-d14	20.02	244	596107	85.92	ng	0.00

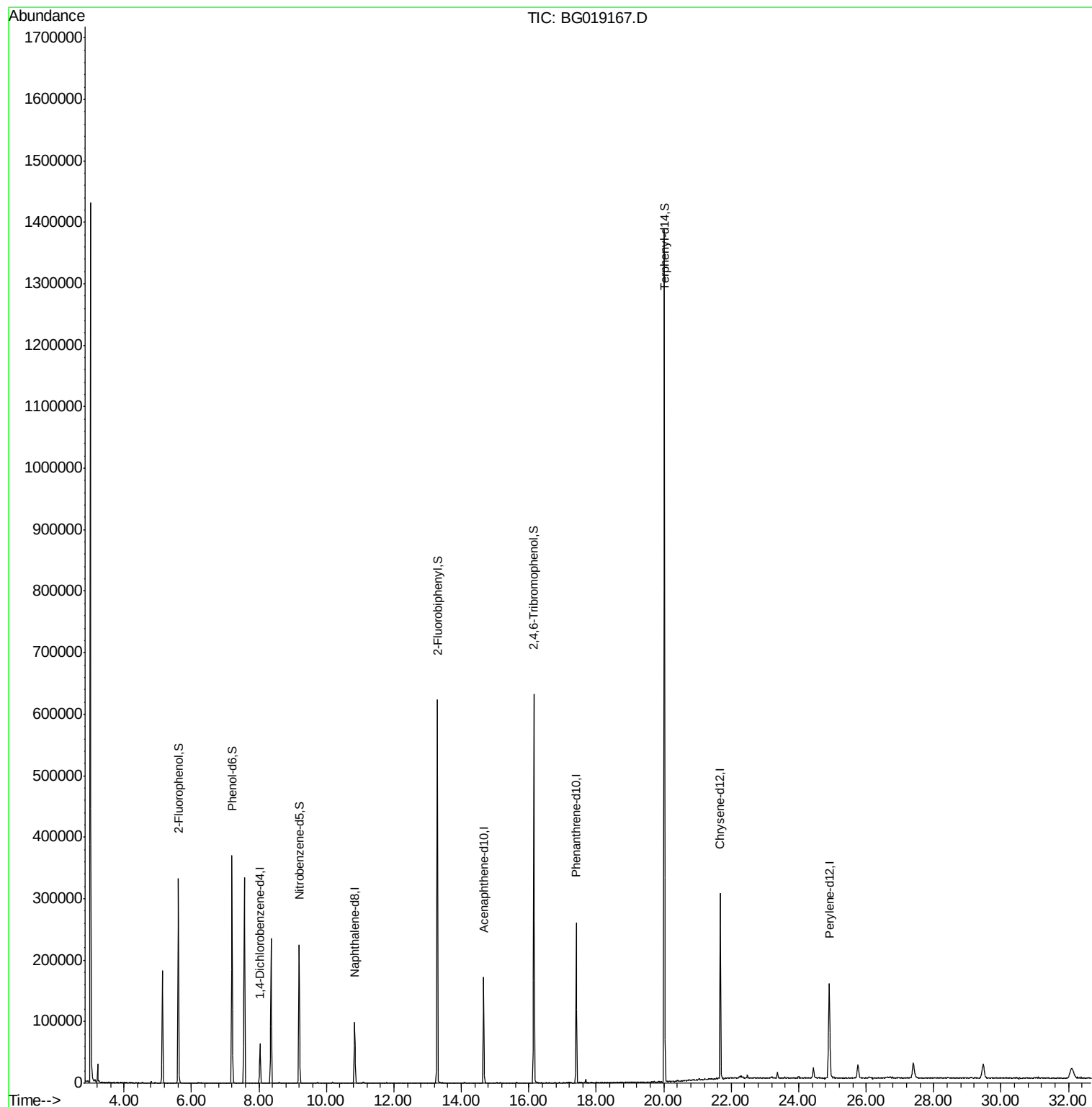
Target Compounds Qvalue

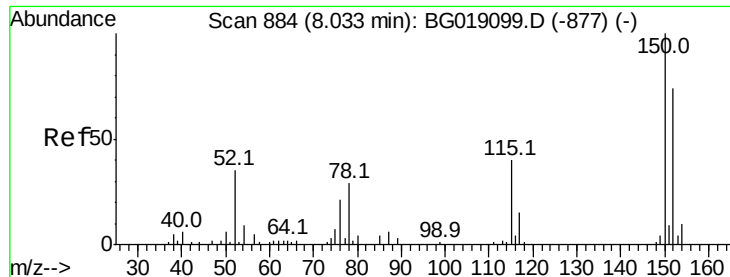
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG019167.D

Acq: 12 Oct 2015 21:06

Instrument :

BNA_G

ClientSampleId :

PB85643BL

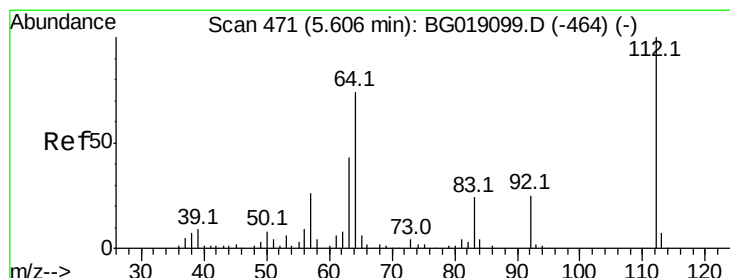
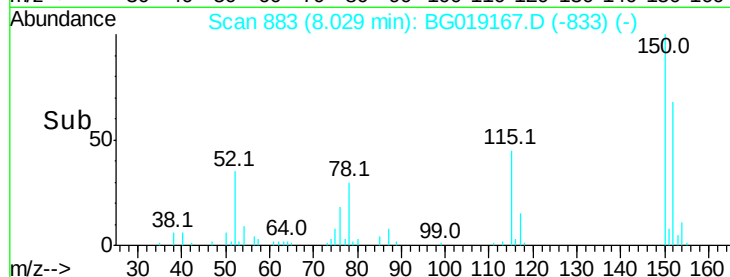
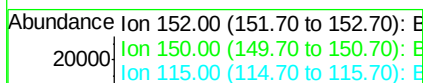
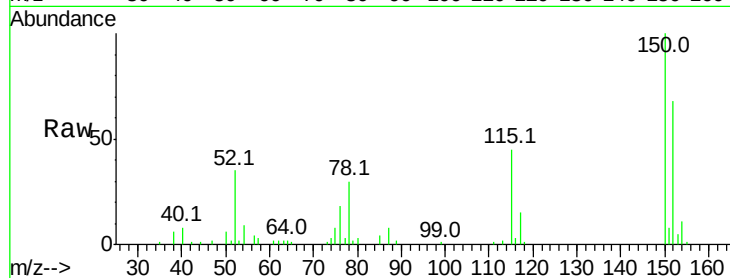
Tot Ion:152 Resp: 17059

Ion Ratio Lower Upper

152 100

150 147.4 108.2 162.2

115 66.0 43.2 64.8#



#5

2-Fluorophenol

Concen: 143.53 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019167.D

Acq: 12 Oct 2015 21:06

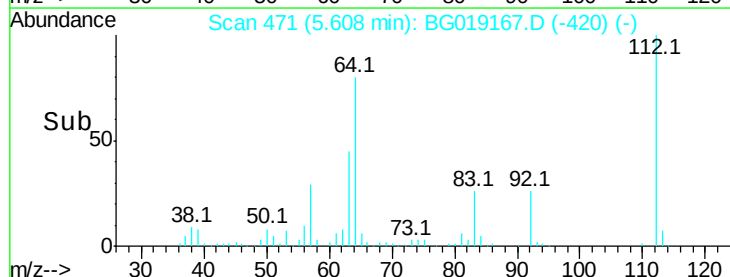
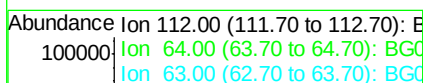
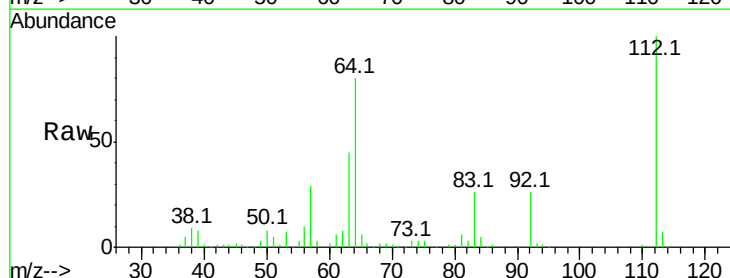
Tgt Ion:112 Resp: 120254

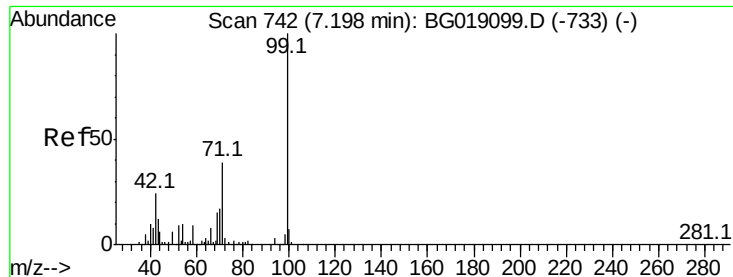
Ion Ratio Lower Upper

112 100

64 79.7 59.0 88.4

63 44.7 34.7 52.1





#7

Phenol-d6

Concen: 145.60 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019167.D

Acq: 12 Oct 2015 21:06

Instrument :

BNA_G

ClientSampleId :

PB85643BL

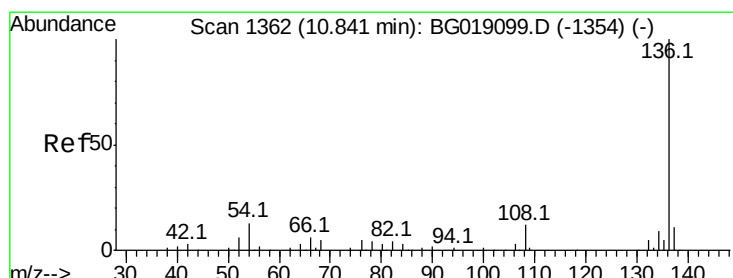
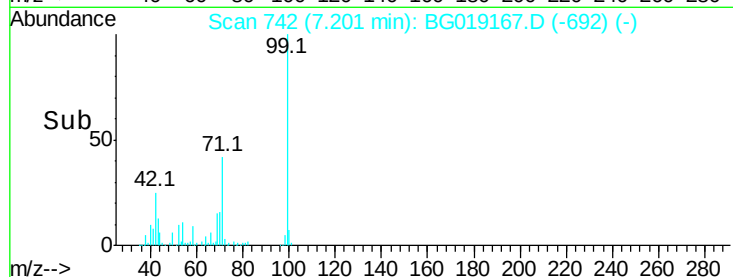
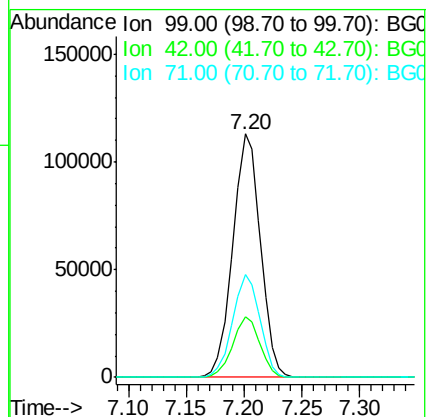
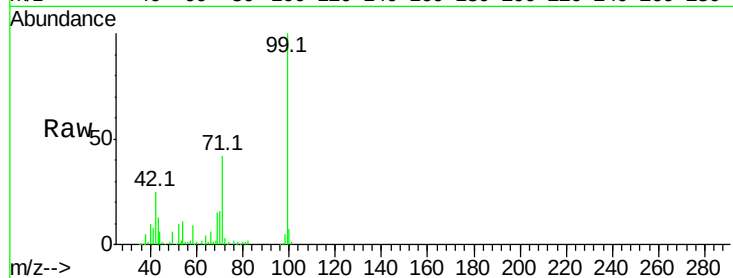
Tot Ion: 99 Resp: 187406

Ion Ratio Lower Upper

99 100

42 24.7 19.5 29.3

71 42.5 31.4 47.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BG019167.D

Acq: 12 Oct 2015 21:06

Tgt Ion: 136 Resp: 79490

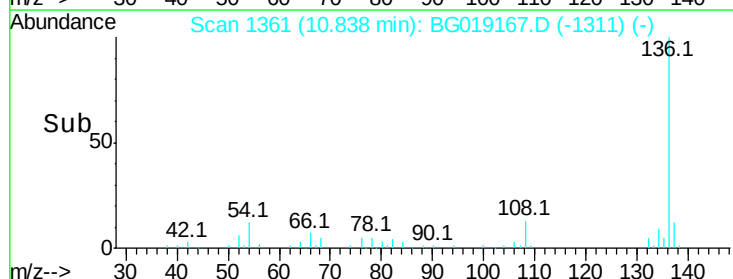
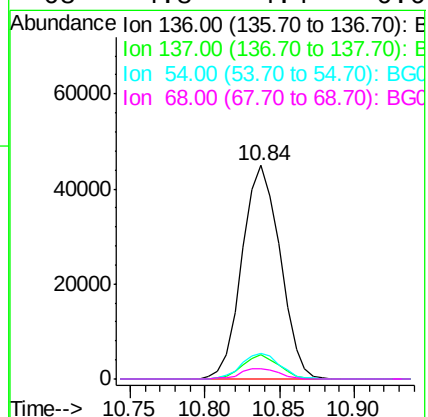
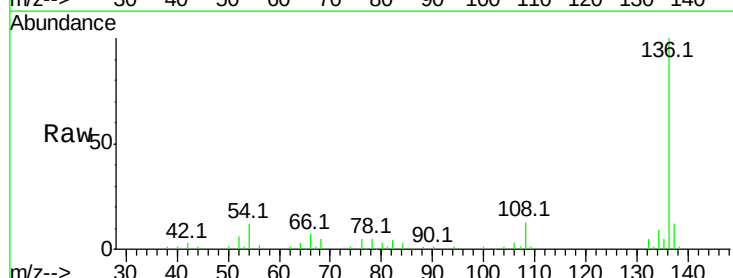
Ion Ratio Lower Upper

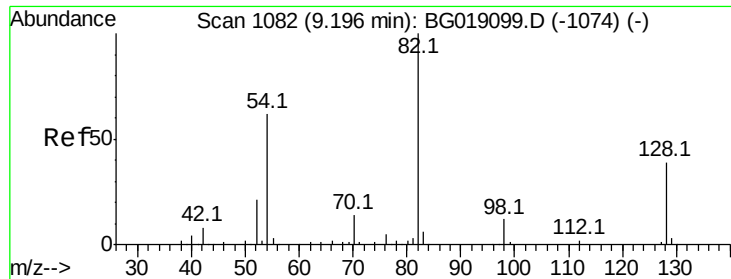
136 100

137 11.6 9.0 13.4

54 12.1 10.1 15.1

68 4.8 4.4 6.6

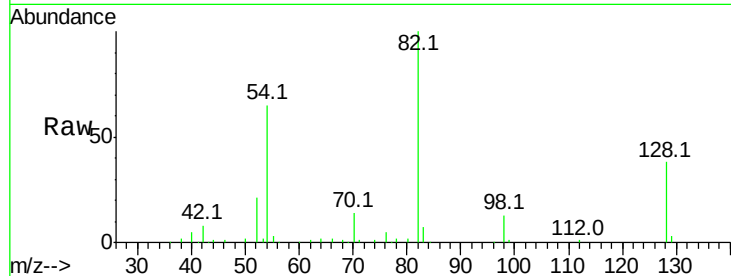




#23
Nitrobenzene-d5
Concen: 88.53 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019167.D
Acq: 12 Oct 2015 21:06

Instrument :
BNA_G
ClientSampleId :
PB85643BL

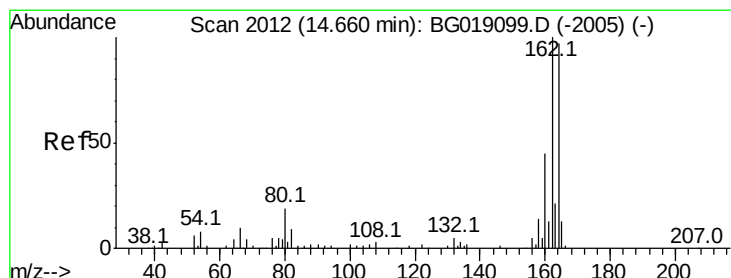
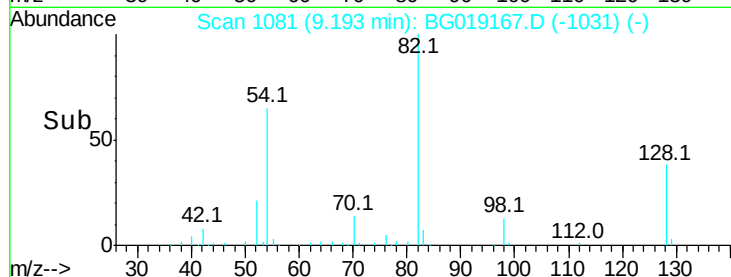
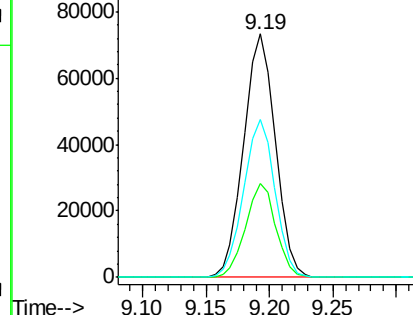
Tot Ion	82	Resp	127361
Ion Ratio	100		
Lower	31.4		
Upper	47.2		
54	64.8	50.0	75.0



Abundance Ion 82.00 (81.70 to 82.70): BG019099.D (-1074) (-)

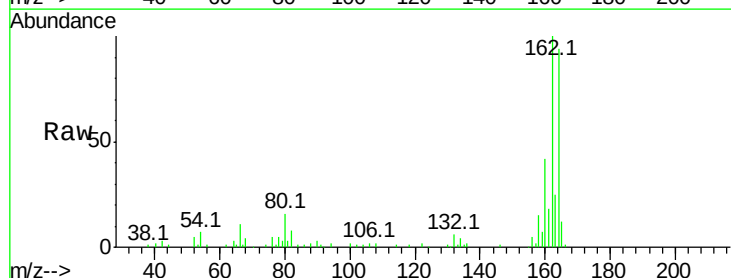
Ion 128.00 (127.70 to 128.70): BG019099.D (-1074) (-)

Ion 54.00 (53.70 to 54.70): BG019099.D (-1074) (-)



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019167.D
Acq: 12 Oct 2015 21:06

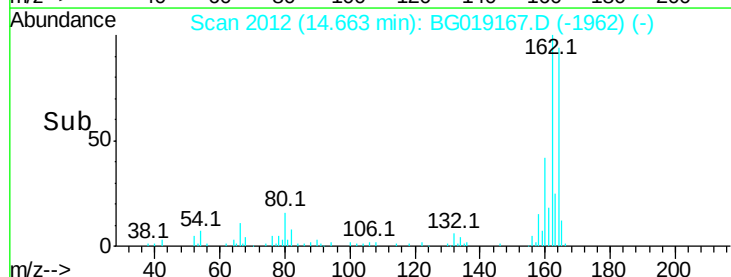
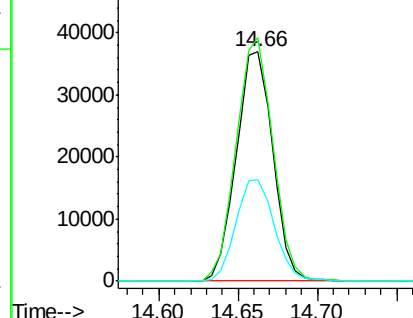
Tgt Ion	164	Resp	58918
Ion Ratio	100		
Lower	82.6		
Upper	124.0		
162	106.1	36.9	55.3
160	44.1		

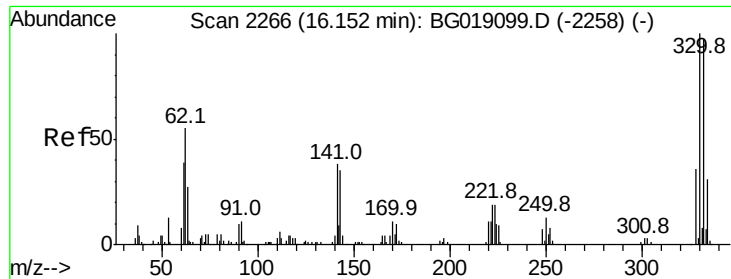


Abundance Ion 164.00 (163.70 to 164.70): BG019099.D (-2005) (-)

Ion 162.00 (161.70 to 162.70): BG019099.D (-2005) (-)

Ion 160.00 (159.70 to 160.70): BG019099.D (-2005) (-)

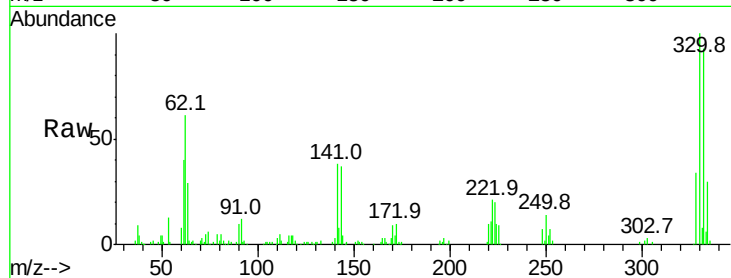




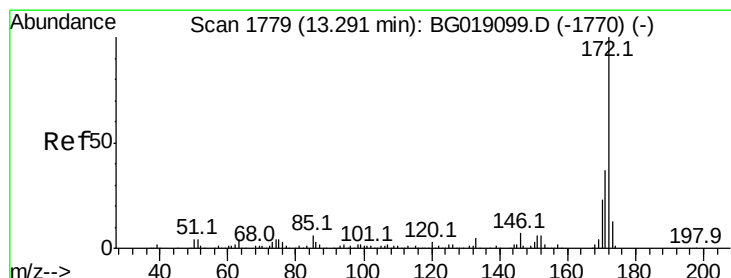
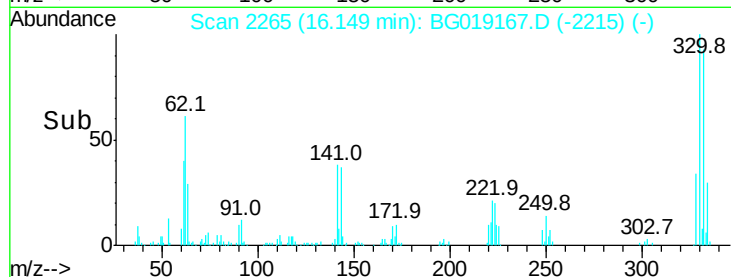
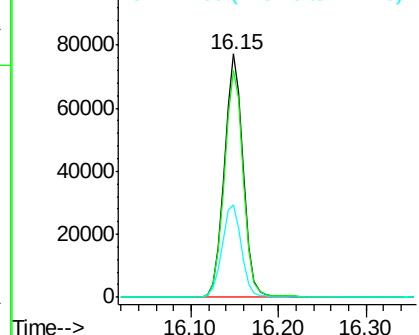
#41
 2,4,6-Tribromophenol
 Concen: 142.89 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019167.D
 Acq: 12 Oct 2015 21:06

Instrument :
 BNA_G
 ClientSampleId :
 PB85643BL

Tot Ion:330 Resp: 114723
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.3 115.9
 141 39.4 30.7 46.1

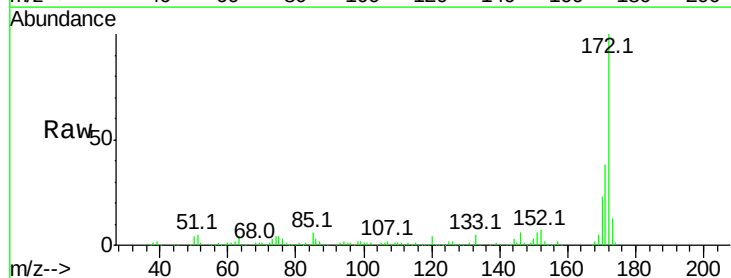


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

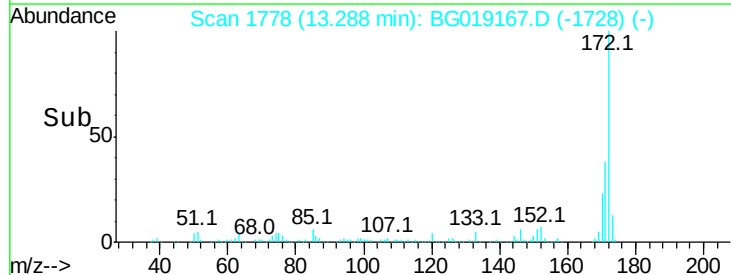
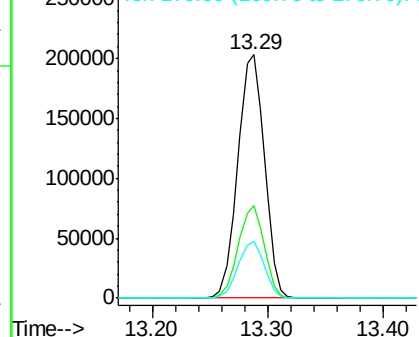


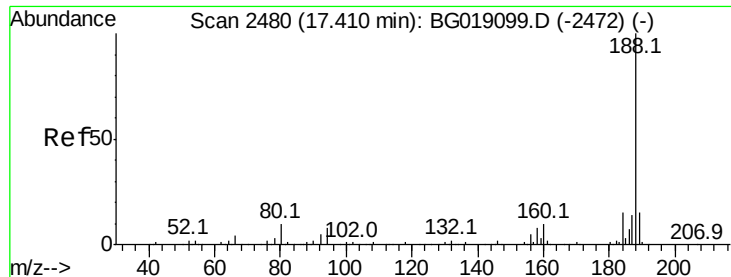
#44
 2-Fluorobiphenyl
 Concen: 84.83 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019167.D
 Acq: 12 Oct 2015 21:06

Tgt Ion:172 Resp: 325066
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.9 44.9
 170 23.2 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

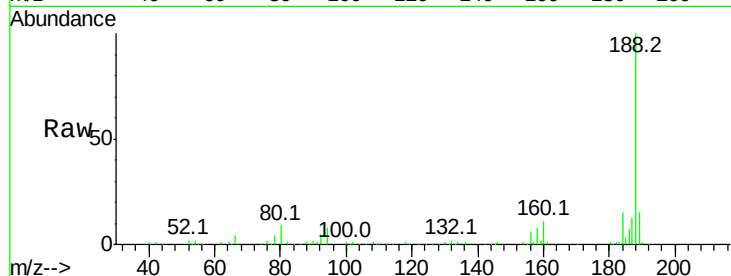




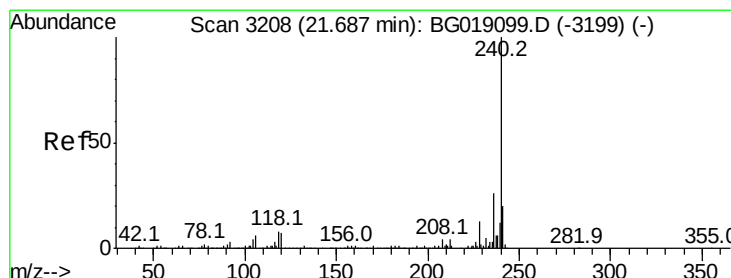
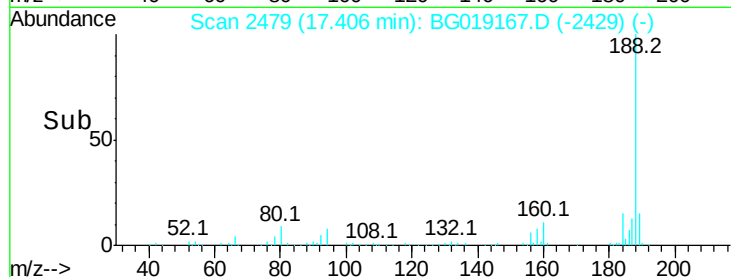
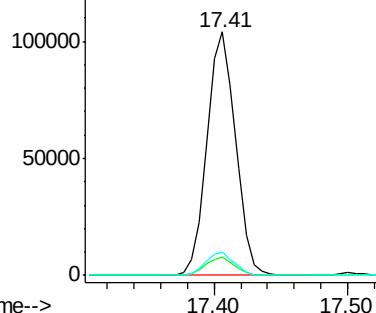
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019167.D
Acq: 12 Oct 2015 21:06

Instrument :
BNA_G
ClientSampled :
PB85643BL

Tot Ion:188 Resp: 154399
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 9.4 7.6 11.4

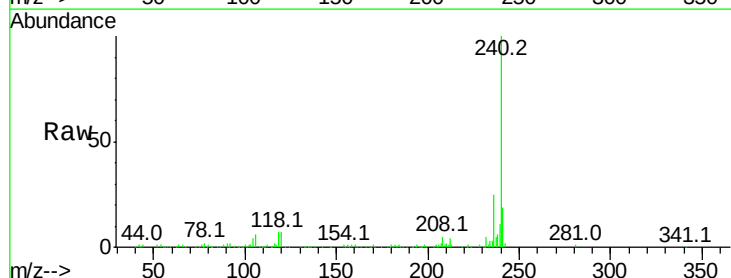


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

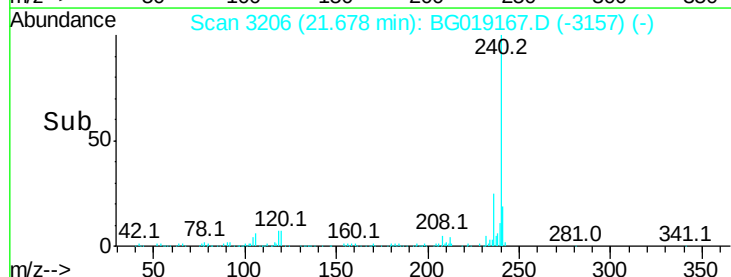
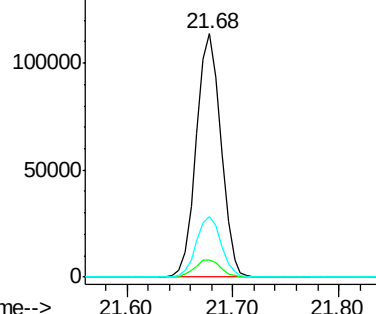


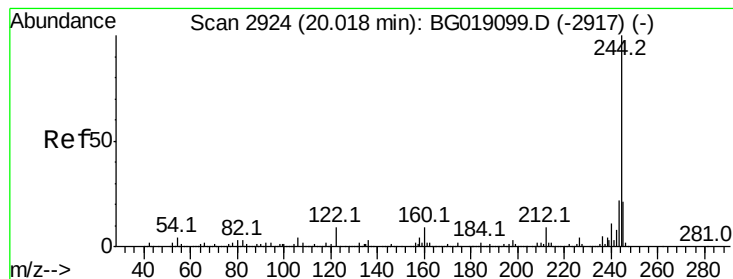
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019167.D
Acq: 12 Oct 2015 21:06

Tgt Ion:240 Resp: 183264
Ion Ratio Lower Upper
240 100
120 7.2 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: 85.92 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BG019167.D

Acq: 12 Oct 2015 21:06

Instrument :

BNA_G

ClientSampleId :

PB85643BL

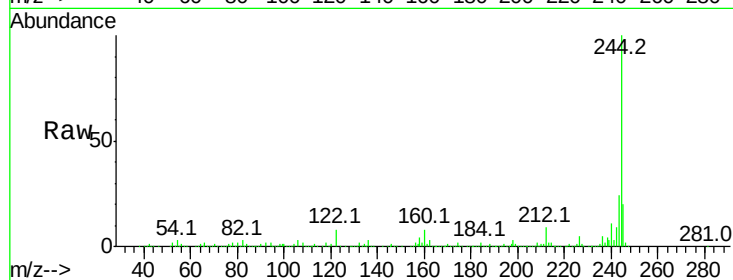
Tot Ion:244 Resp: 596107

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.8	10.2
122	7.7	7.4	11.2

244 100

212 8.7 6.8 10.2

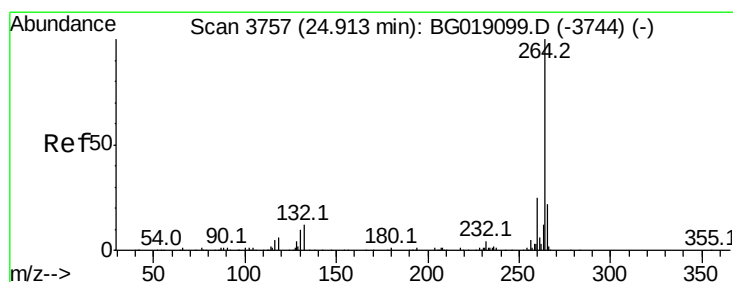
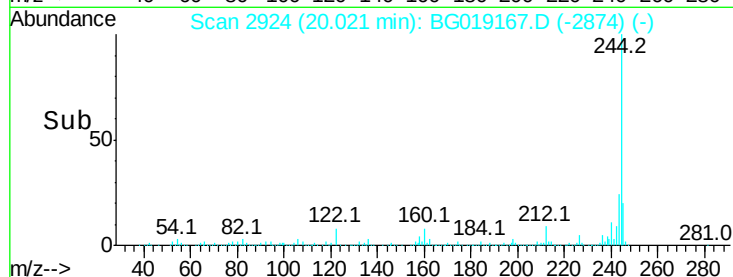
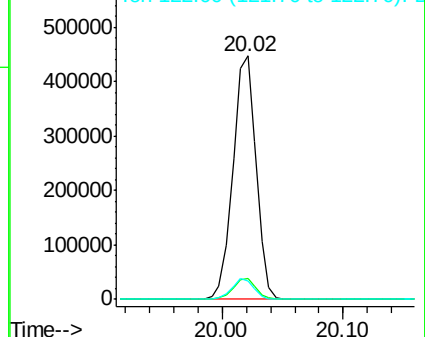
122 7.7 7.4 11.2



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: 24.90 min Scan# 3755

Delta R.T. -0.01 min

Lab File: BG019167.D

Acq: 12 Oct 2015 21:06

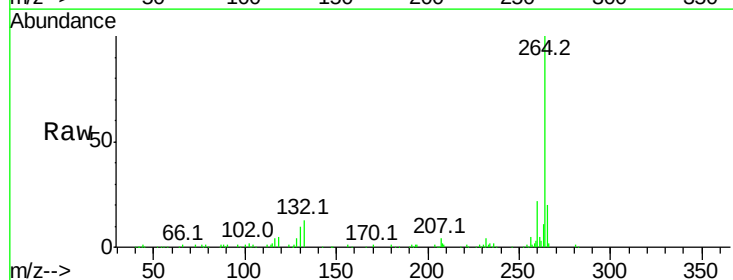
Tgt Ion:264 Resp: 174568

Ion	Ratio	Lower	Upper
264	100		
260	22.5	20.1	30.1
265	20.3	17.2	25.8

264 100

260 22.5 20.1 30.1

265 20.3 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

