

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

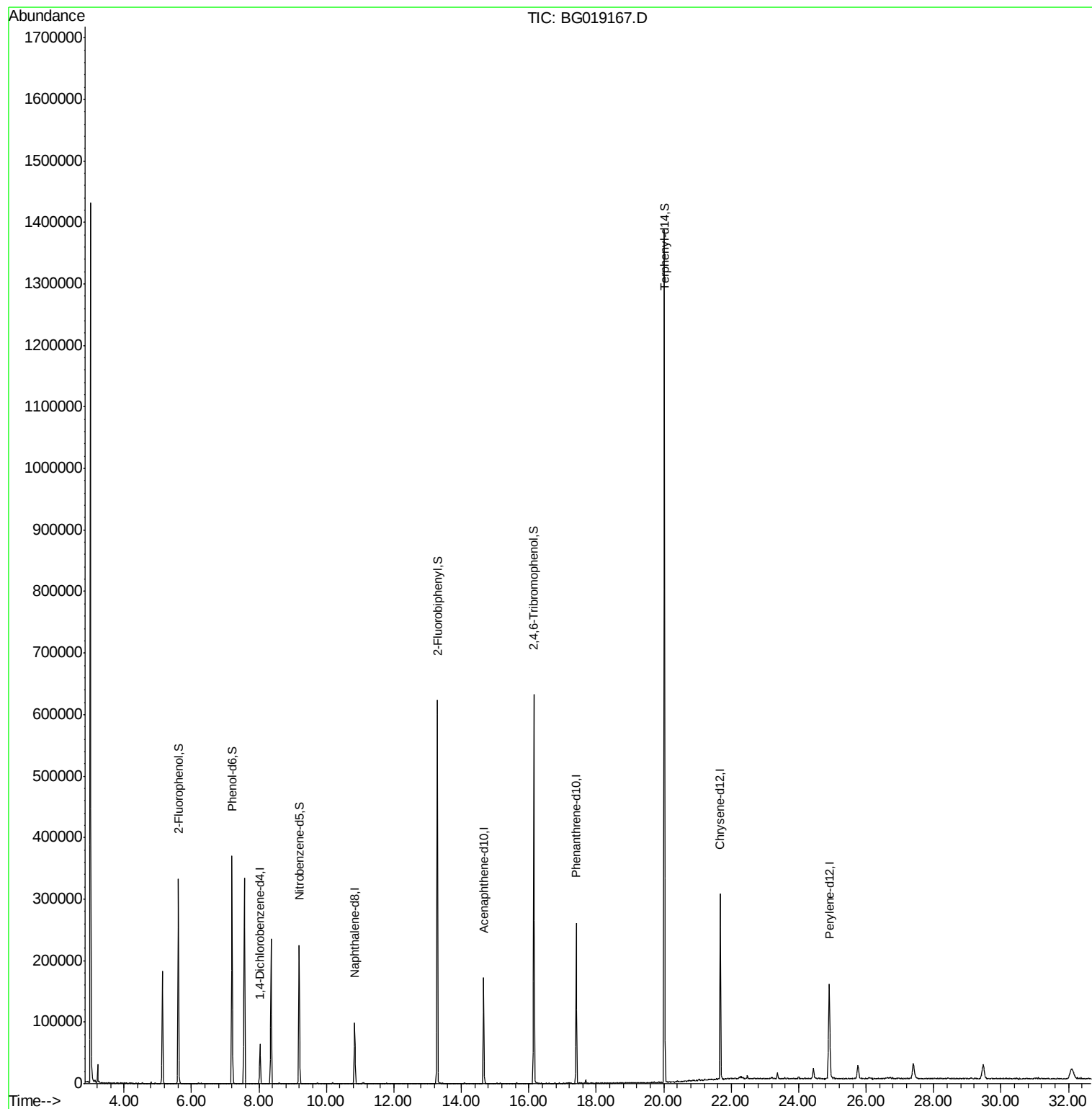
Target Compounds Qvalue

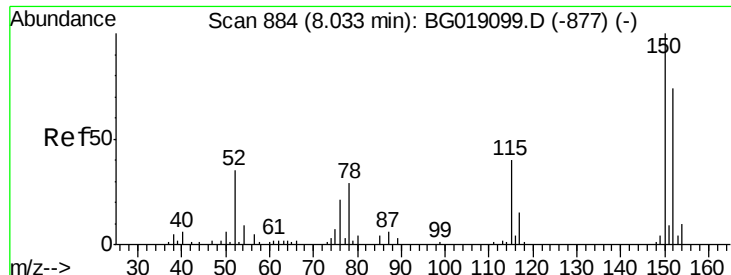
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
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Acq On : 12 Oct 2015 21:06
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Oct 13 03:46:17 2015
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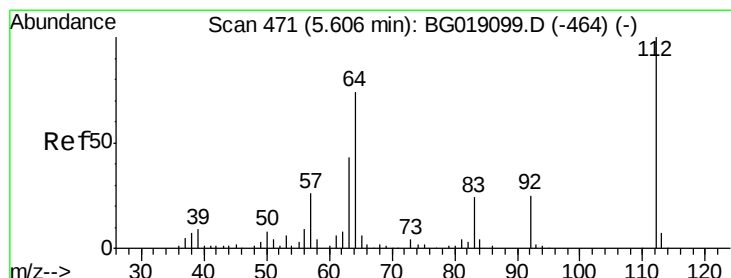
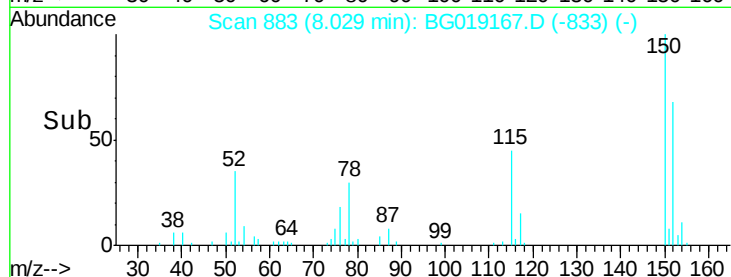
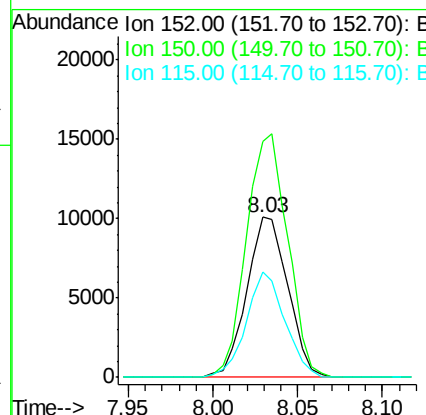
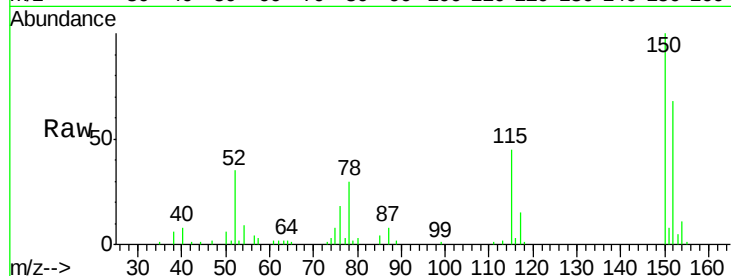


#1

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

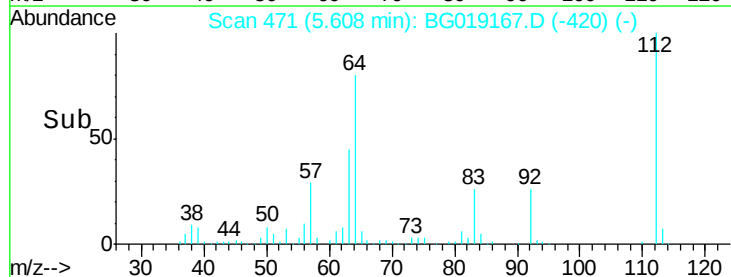
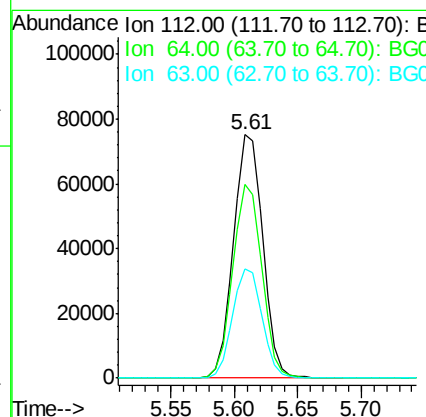
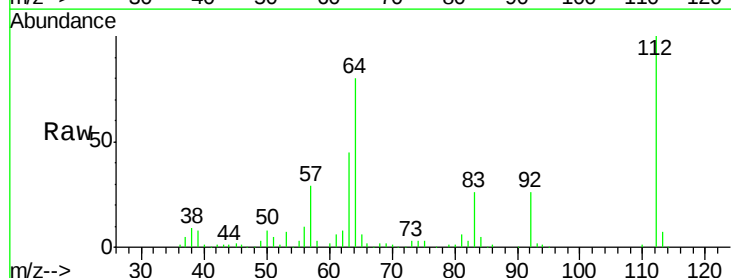
Tot Ion:152 Resp: 17059
Ion Ratio Lower Upper
152 100
150 147.4 108.2 162.2
115 66.0 43.2 64.8#

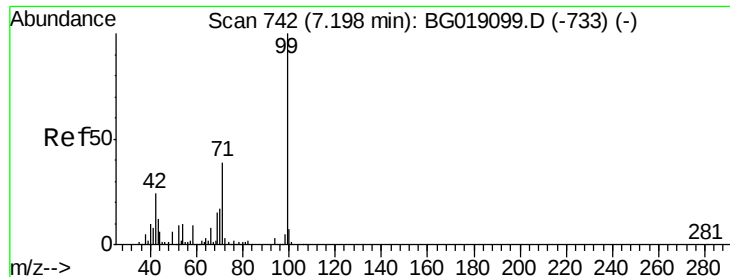


#5

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

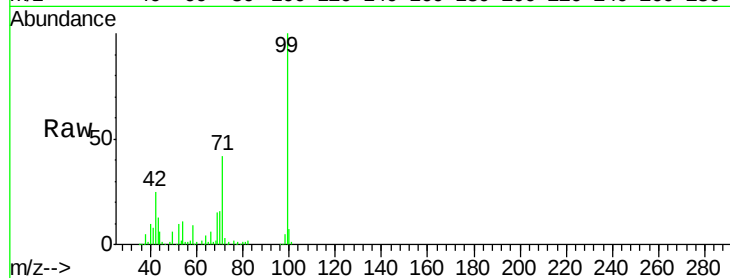
Tot Ion: 99 Resp: 187406

Ion Ratio Lower Upper

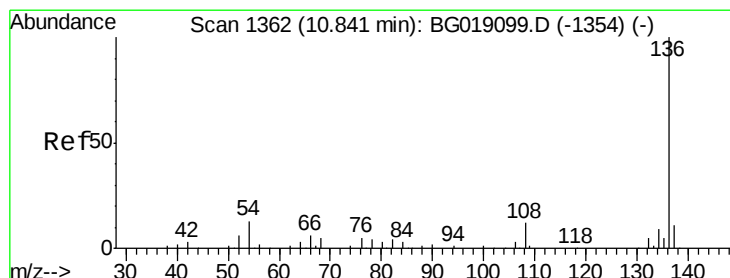
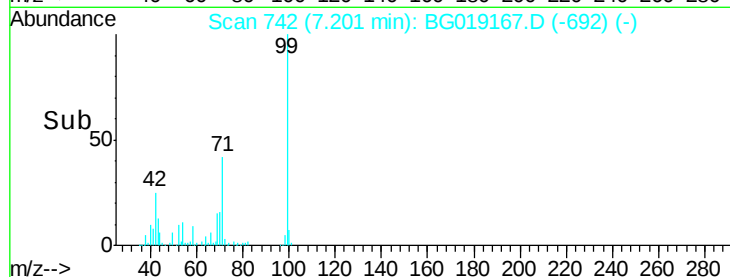
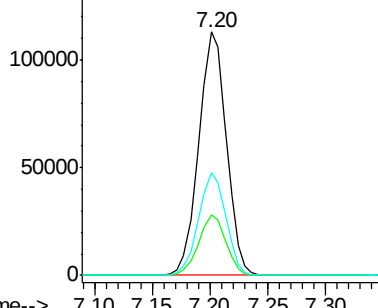
99 100

42 24.7 19.5 29.3

71 42.5 31.4 47.0



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# 1361

Delta R.T. -0.00 min

Lab File: BG019167.D

Acq: 12 Oct 2015 21:06

Tgt Ion: 136 Resp: 79490

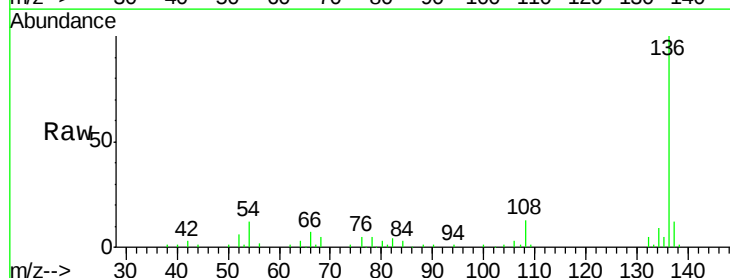
Ion Ratio Lower Upper

136 100

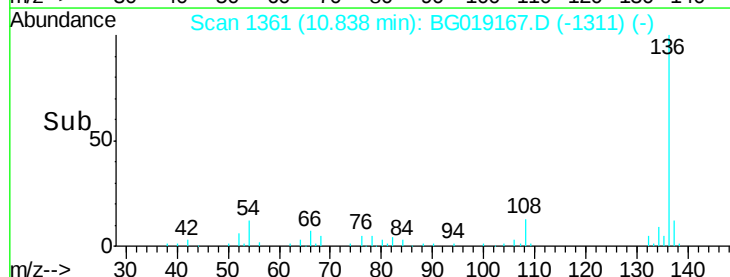
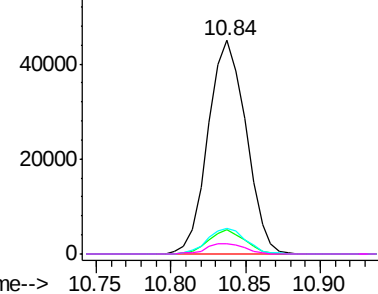
137 11.6 9.0 13.4

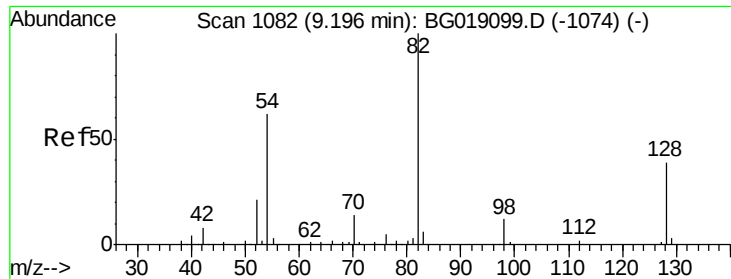
54 12.1 10.1 15.1

68 4.8 4.4 6.6



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

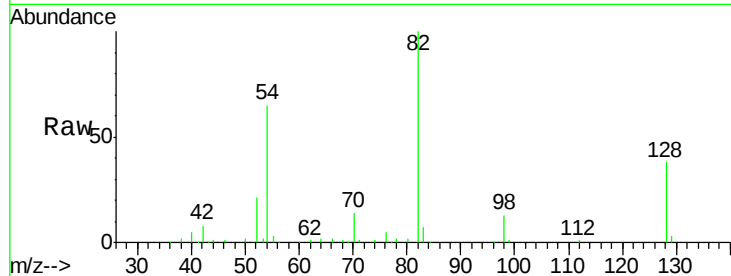




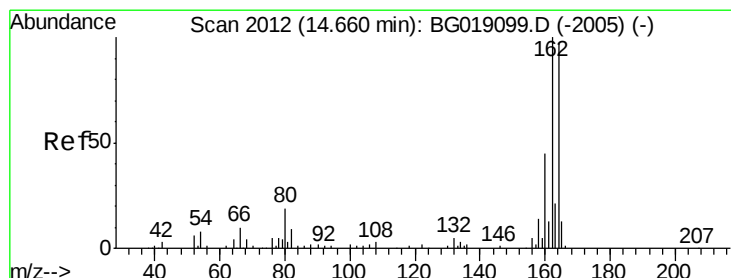
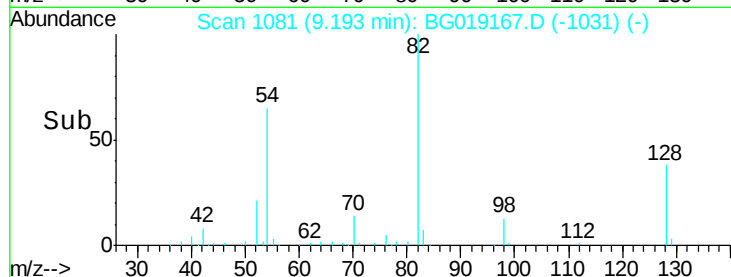
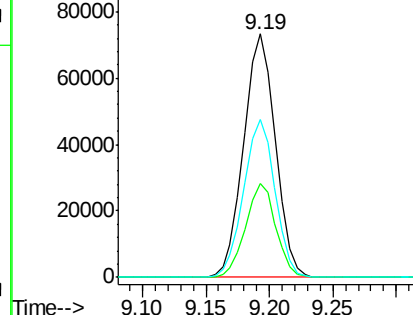
#23
 Nitrobenzene-d5
 Concen: 88.53 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BG019167.D
 Acq: 12 Oct 2015 21:06

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

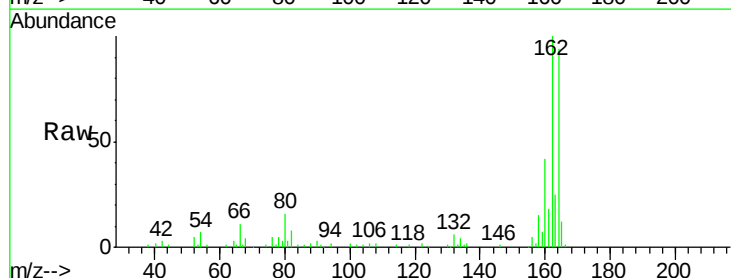


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

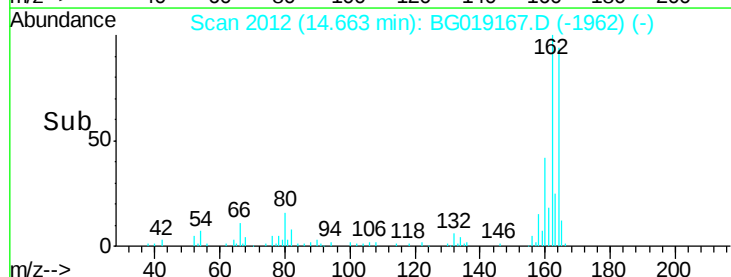
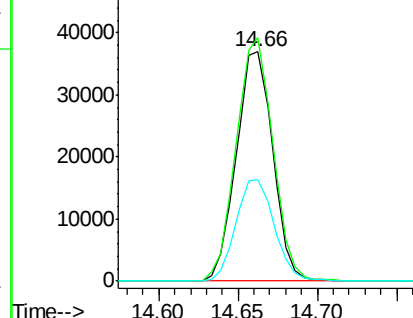


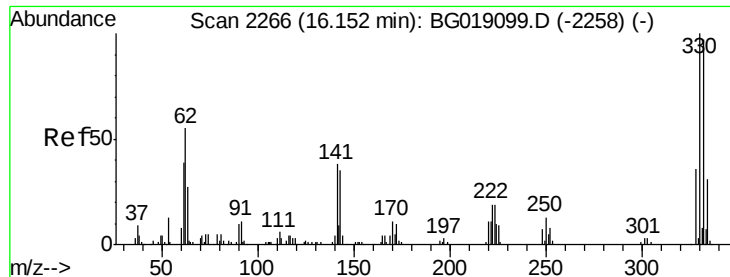
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG019167.D
 Acq: 12 Oct 2015 21:06

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



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

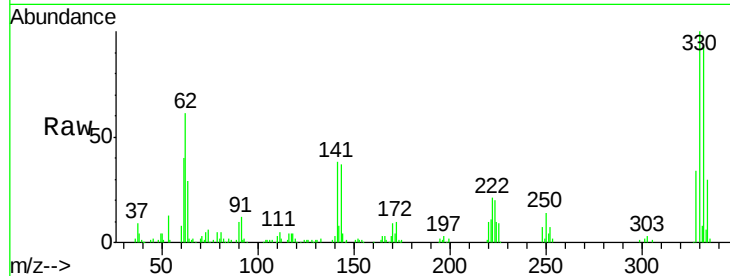




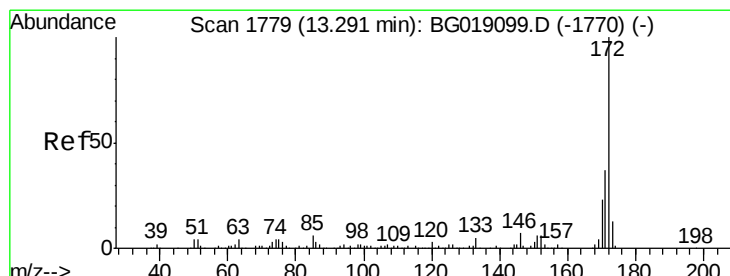
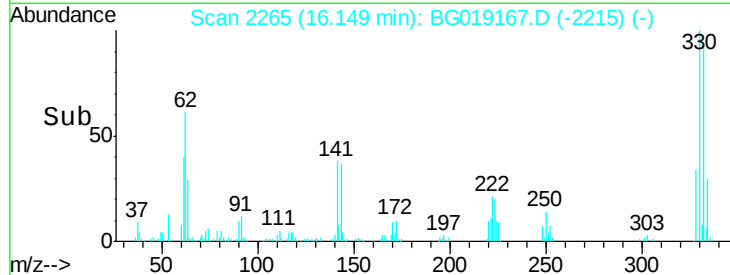
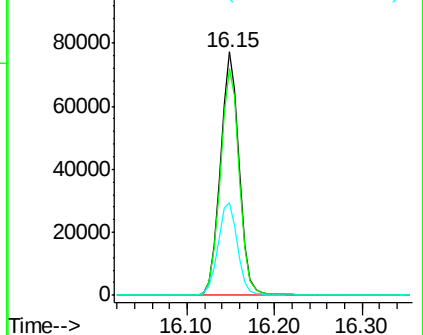
#41
 2,4,6-Tribromophenol
 Concen: 142.89 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019167.D
 Acq: 12 Oct 2015 21:06

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

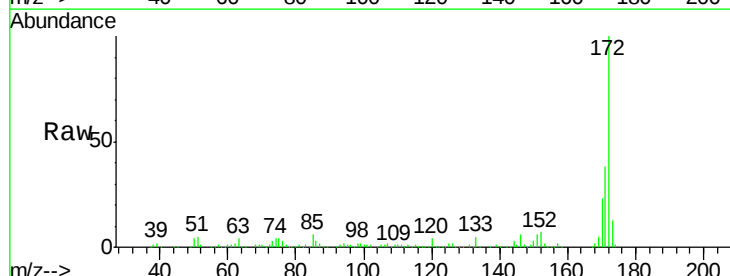


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

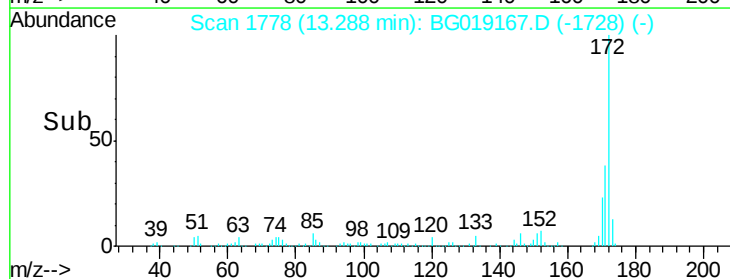
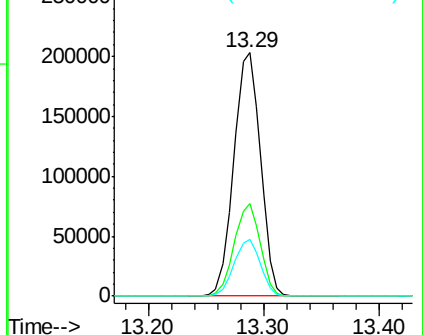


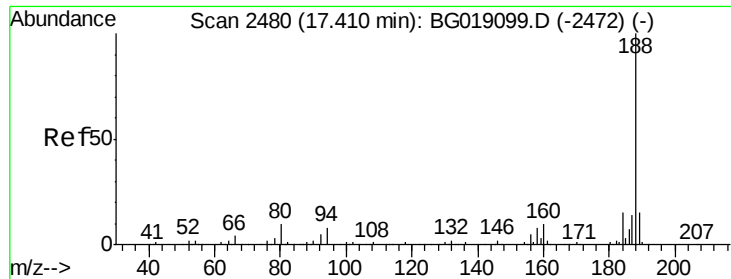
#44
 2-Fluorobiphenyl
 Concen: 84.83 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019167.D
 Acq: 12 Oct 2015 21:06

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

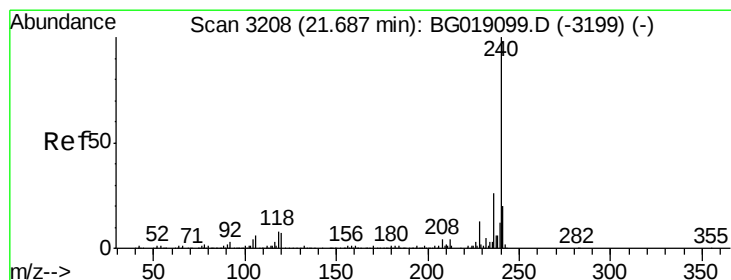
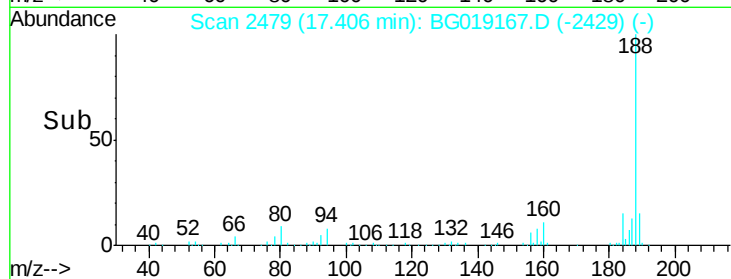
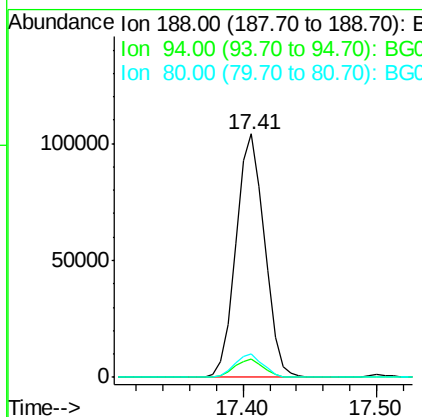
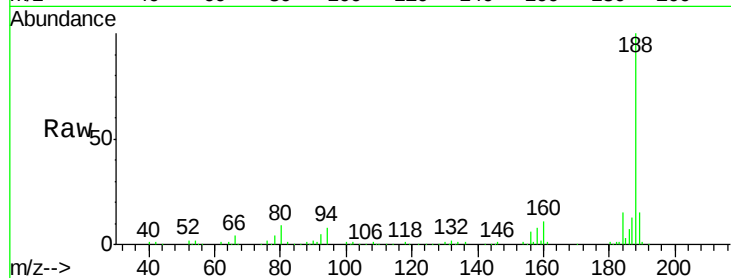




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019167.D
Acq: 12 Oct 2015 21:06

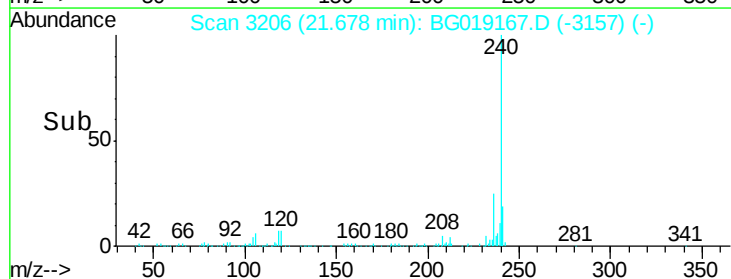
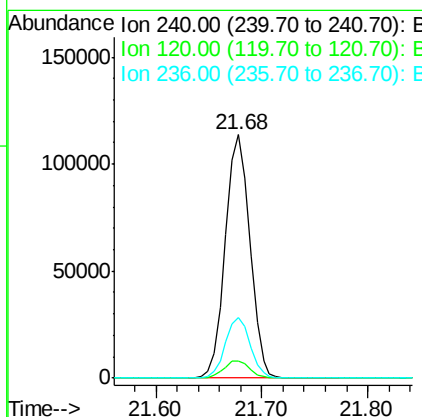
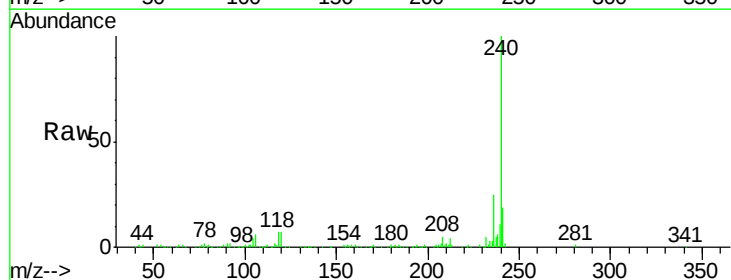
Instrument :
BNA_G
ClientSampled :
PB85643BL

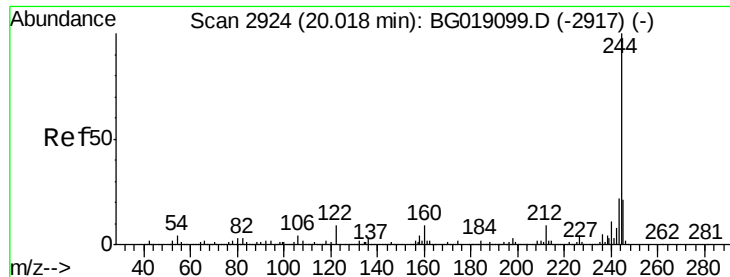
Tot Ion:188 Resp: 154399
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 9.4 7.6 11.4



#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





#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 :

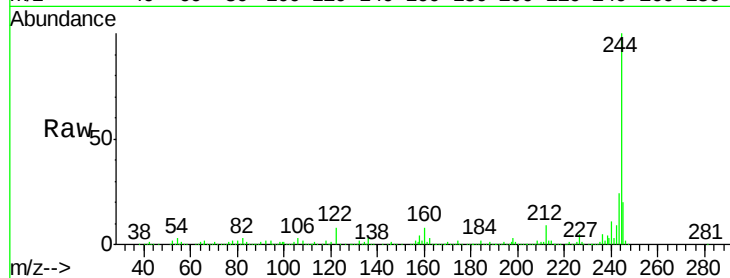
BNA_G

ClientSampleId :

PB85643BL

Tot Ion:244 Resp: 596107

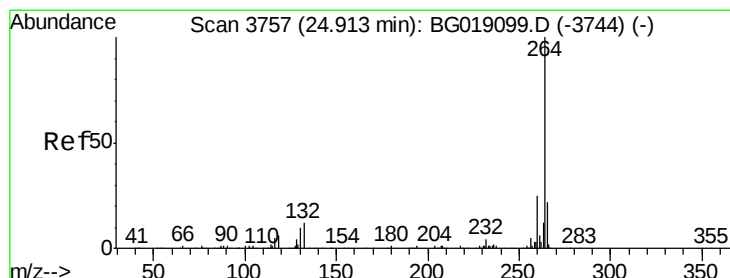
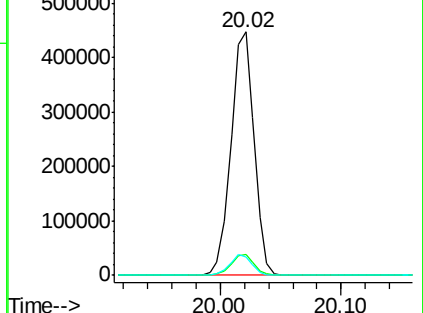
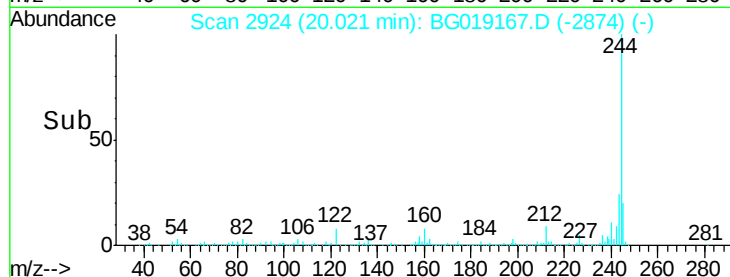
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.8	10.2
122	7.7	7.4	11.2



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

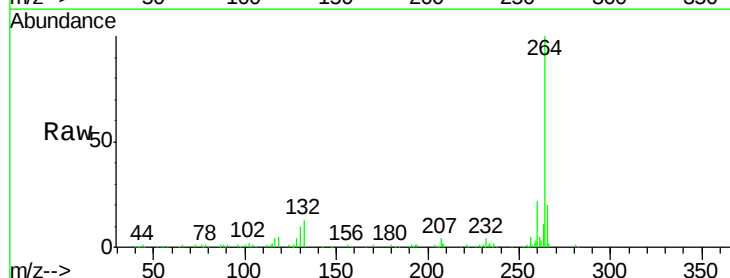
Delta R.T. -0.01 min

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



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

