

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019859.D
 Acq On : 3 Dec 2015 7:38
 Operator : UM/NP
 Sample : PB87038BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BL

Quant Time: Dec 03 11:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	21391	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	92957	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	69258	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	188217	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	226235	20.00	ng	-0.01
86) Perylene-d12	25.08	264	208931	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	154336	130.40	ng	0.00
7) Phenol-d6	7.27	99	226835	126.94	ng	0.00
23) Nitrobenzene-d5	9.29	82	148756	81.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	124836	117.80	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	390216	76.93	ng	0.00
78) Terphenyl-d14	20.11	244	742802	80.09	ng	0.00

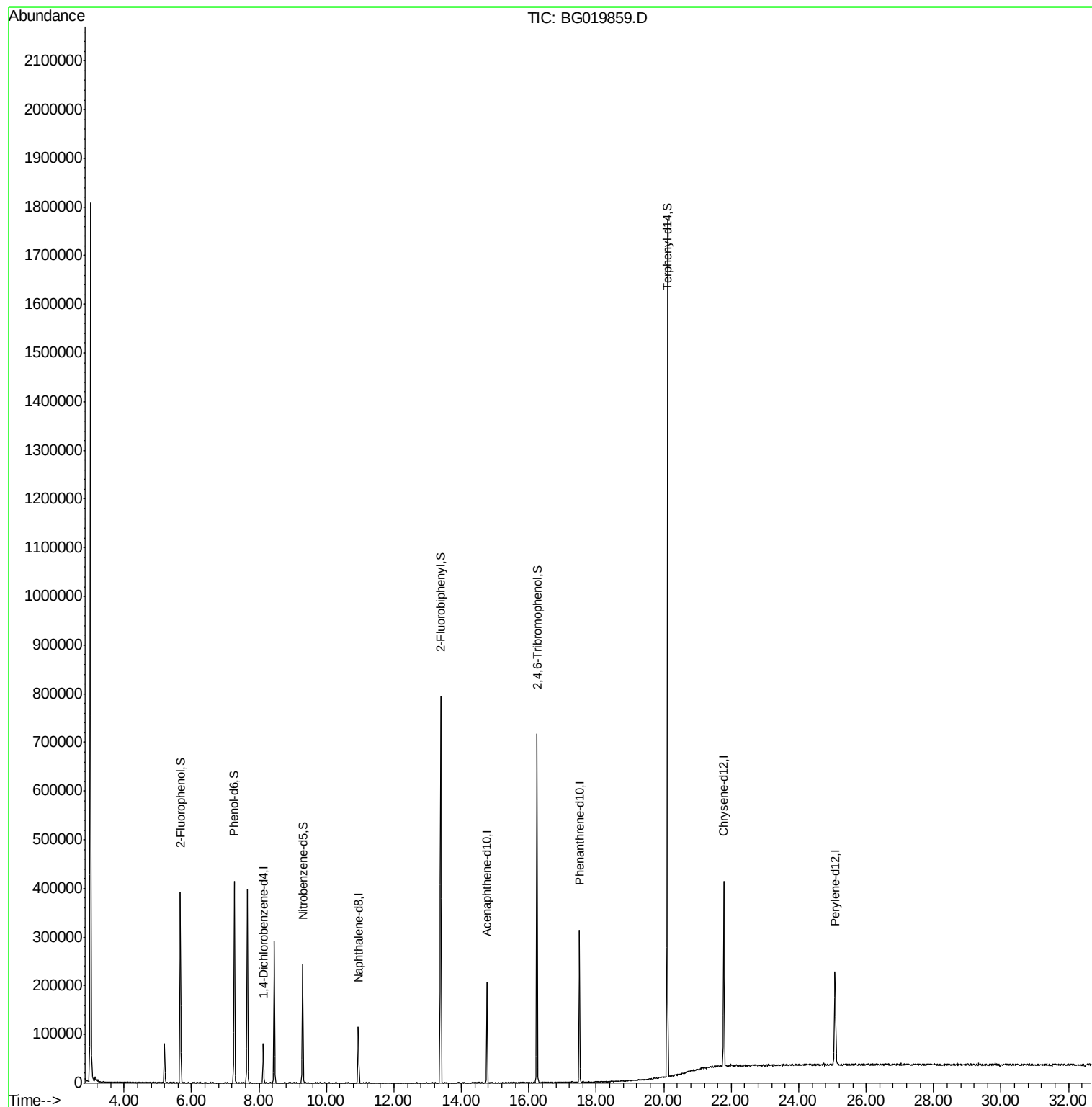
Target Compounds	Qvalue
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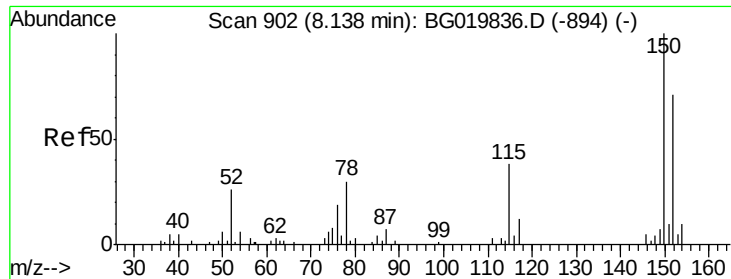
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG019859.D

Acq: 3 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

PB87038BL

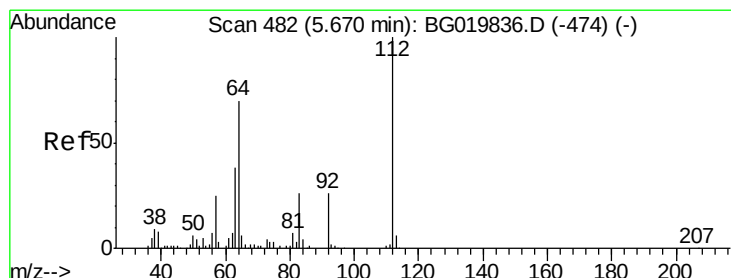
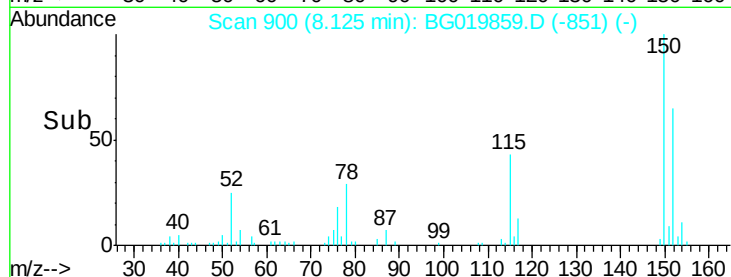
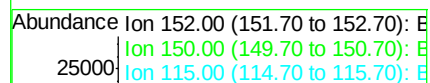
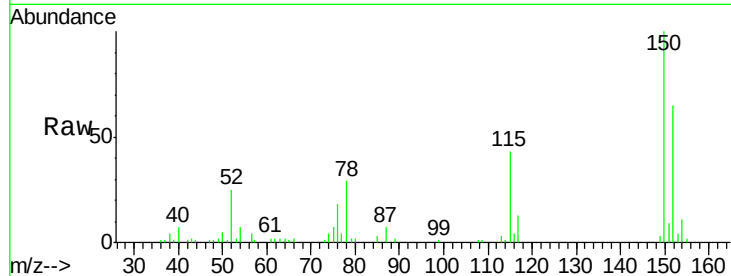
Tgt Ion:152 Resp: 21391

Ion Ratio Lower Upper

152 100

150 154.2 115.0 172.4

115 65.8 43.9 65.9



#5

2-Fluorophenol

Concen: 130.40 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019859.D

Acq: 3 Dec 2015 7:38

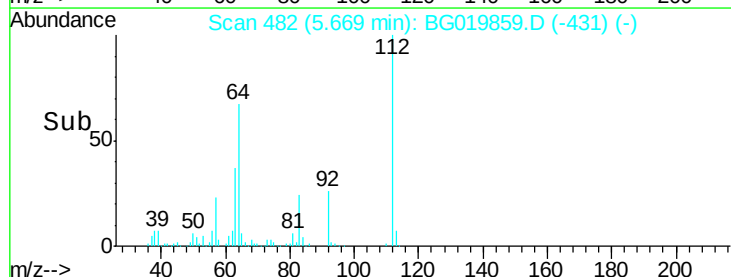
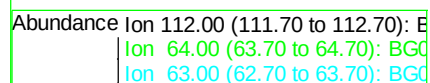
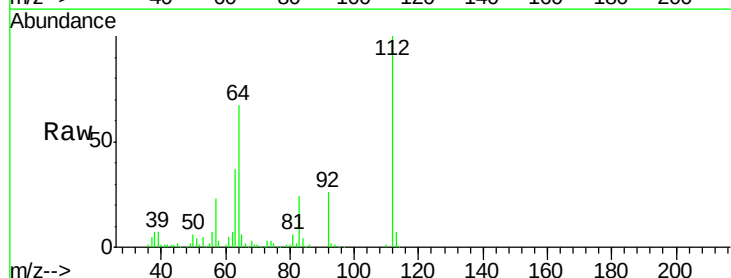
Tgt Ion:112 Resp: 154336

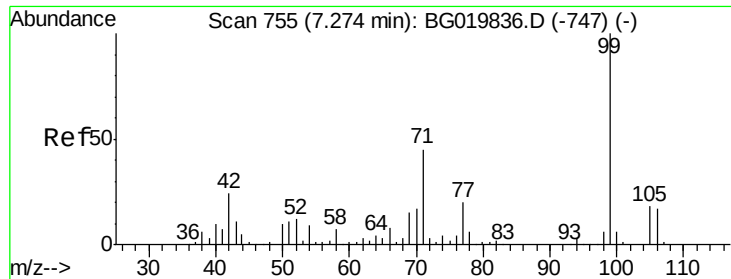
Ion Ratio Lower Upper

112 100

64 67.1 43.7 65.5#

63 36.8 24.0 36.0#





#7

Phenol-d6

Concen: 126.94 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019859.D

Acq: 3 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

PB87038BL

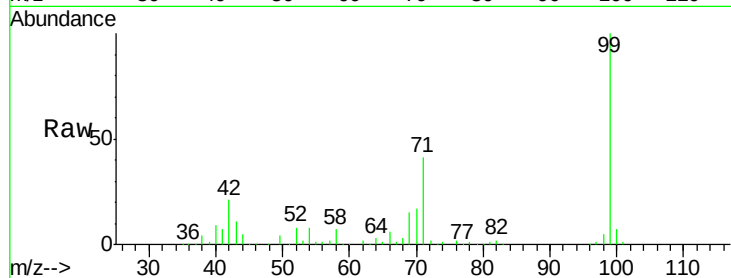
Tgt Ion: 99 Resp: 226835

Ion Ratio Lower Upper

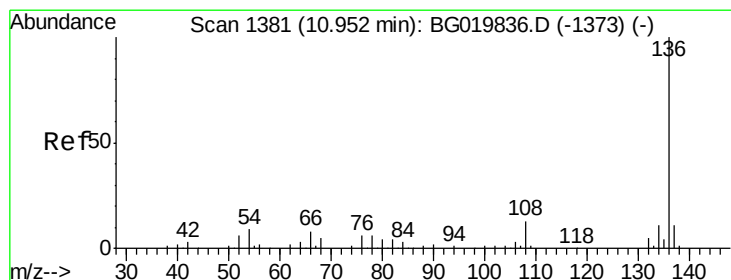
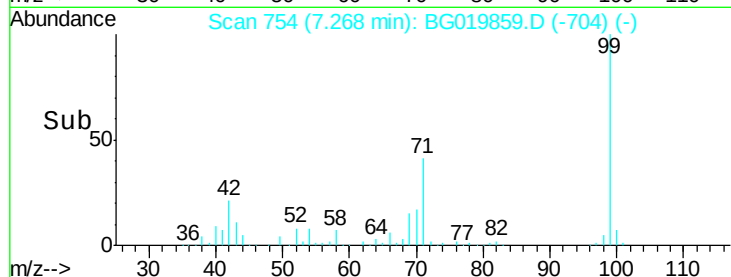
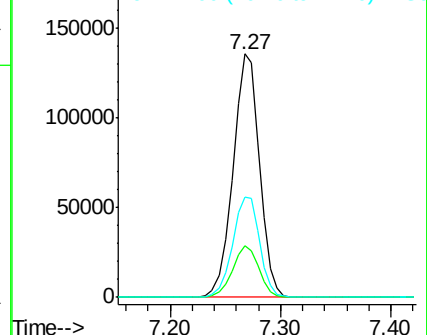
99 100

42 21.4 11.5 17.3#

71 41.2 22.6 34.0#



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: 10.95 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG019859.D

Acq: 3 Dec 2015 7:38

Tgt Ion: 136 Resp: 92957

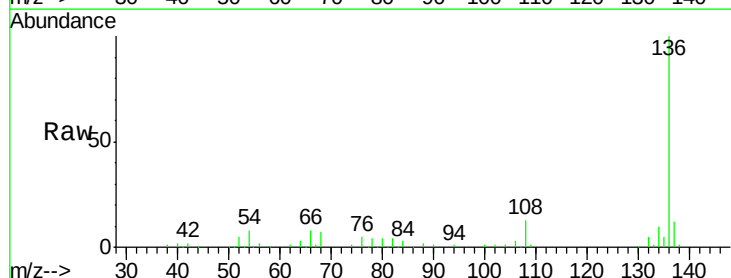
Ion Ratio Lower Upper

136 100

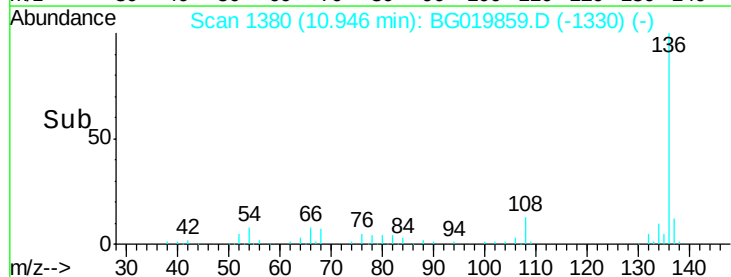
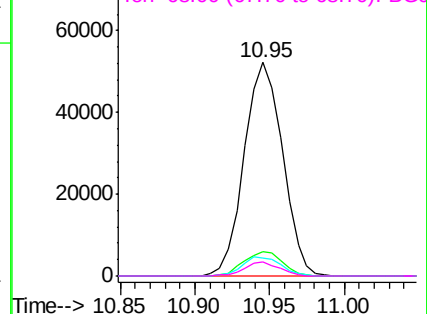
137 11.5 8.6 12.8

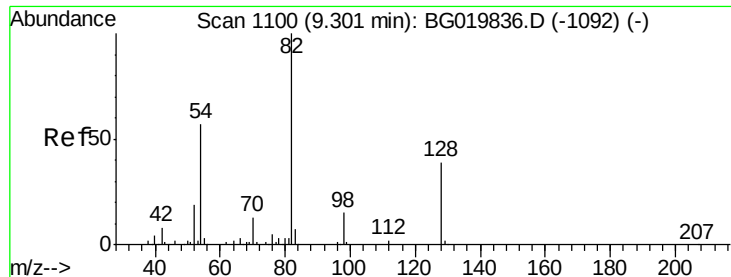
54 8.4 5.4 8.2#

68 6.9 5.3 7.9



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

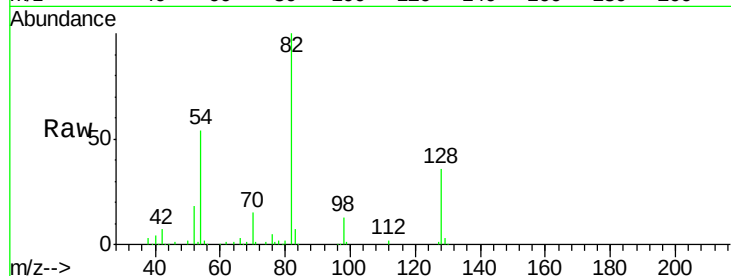




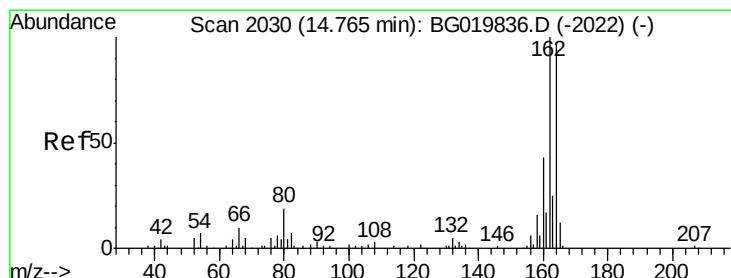
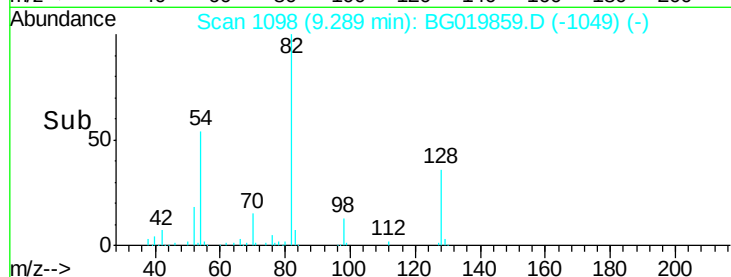
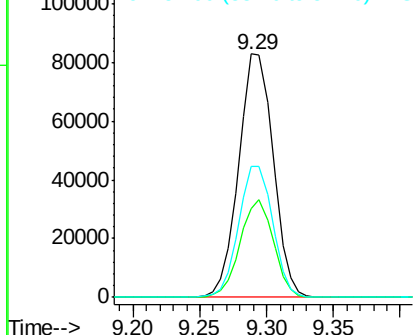
#23
 Nitrobenzene-d5
 Concen: 81.67 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019859.D
 Acq: 3 Dec 2015 7:38

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BL

Tgt Ion: 82 Resp: 148756
 Ion Ratio Lower Upper
 82 100
 128 36.5 36.7 55.1#
 54 54.0 33.8 50.8#

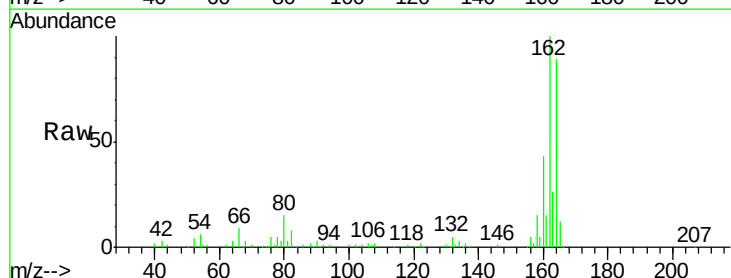


Abundance Ion 82.00 (81.70 to 82.70): BG
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): B

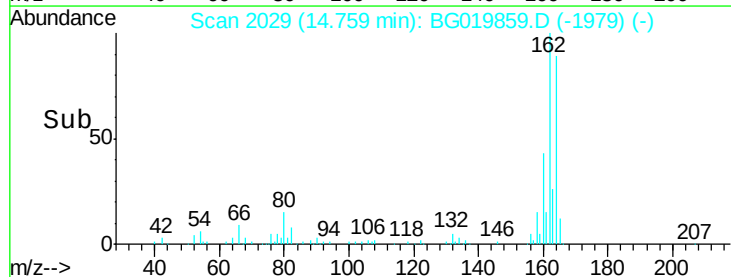
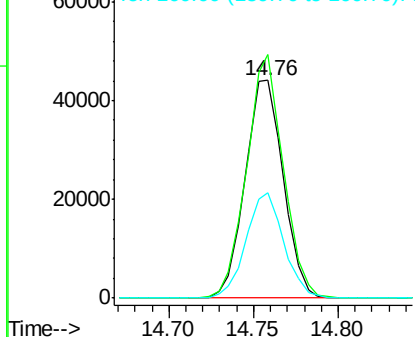


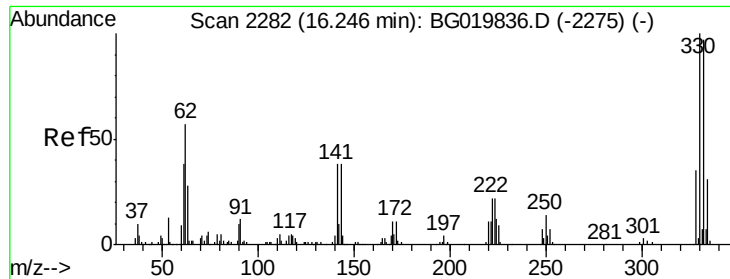
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG019859.D
 Acq: 3 Dec 2015 7:38

Tgt Ion:164 Resp: 69258
 Ion Ratio Lower Upper
 164 100
 162 111.8 78.8 118.2
 160 48.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

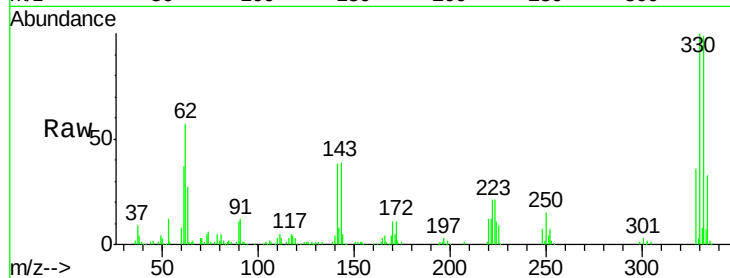




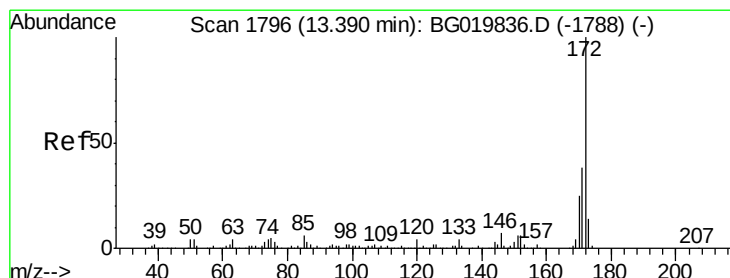
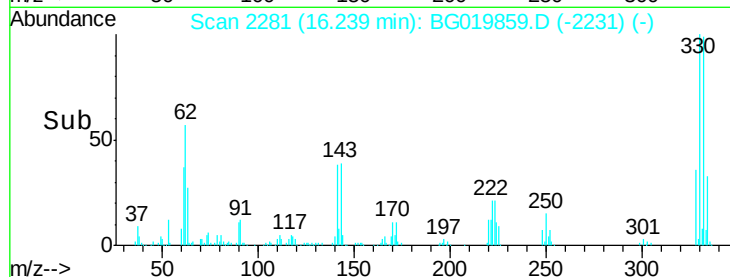
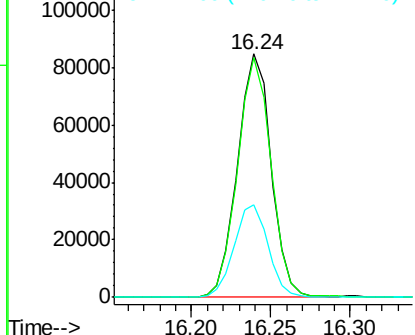
#41
 2,4,6-Tribromophenol
 Concen: 117.80 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG019859.D
 Acq: 3 Dec 2015 7:38

Instrument :
 BNA_G
 ClientSampled :
 PB87038BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.1	117.1
141	38.6	28.2	42.2

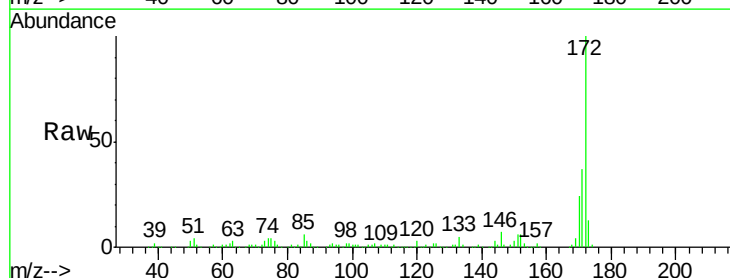


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

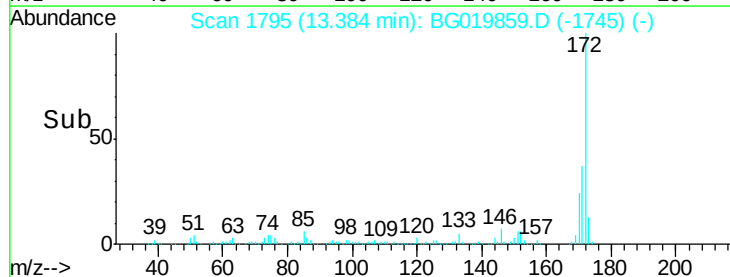
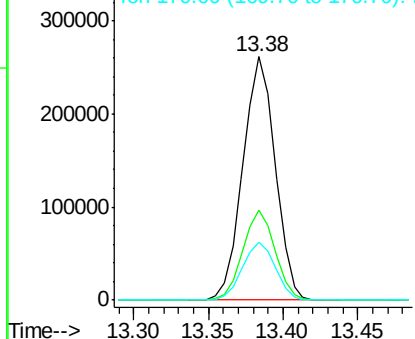


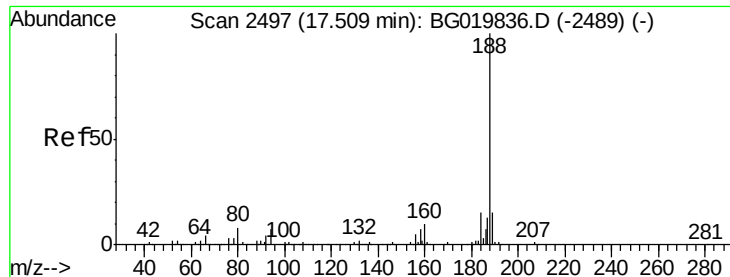
#44
 2-Fluorobiphenyl
 Concen: 76.93 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019859.D
 Acq: 3 Dec 2015 7:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	23.7	19.9	29.9



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

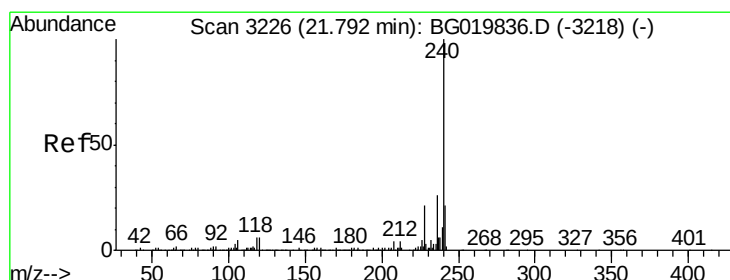
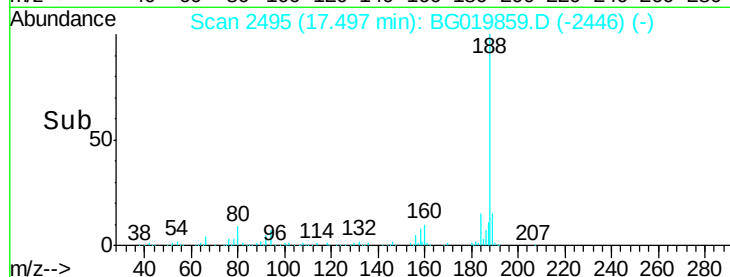
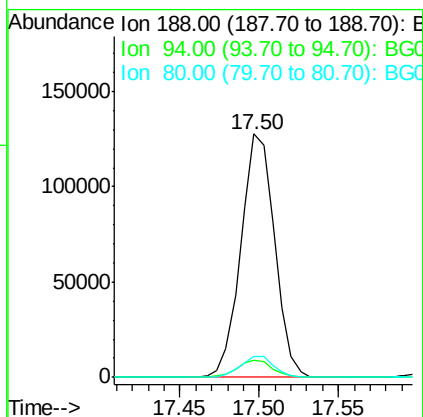
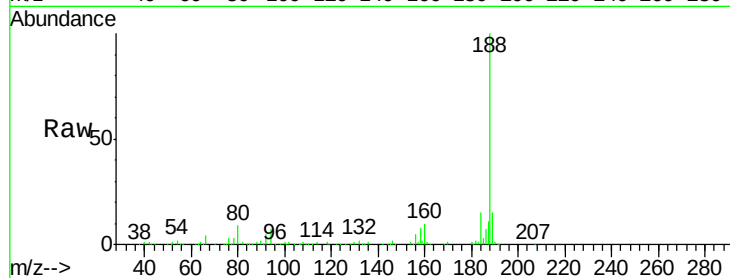




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019859.D
Acq: 3 Dec 2015 7:38

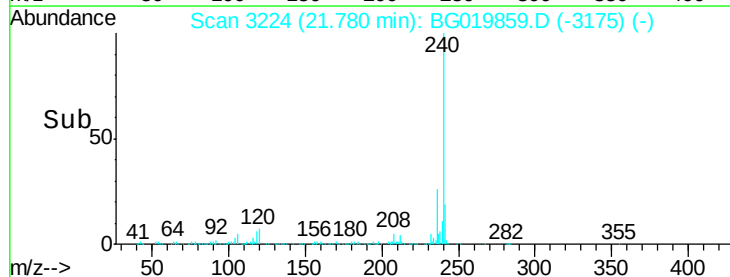
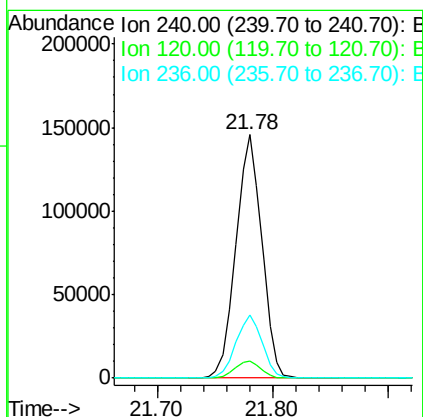
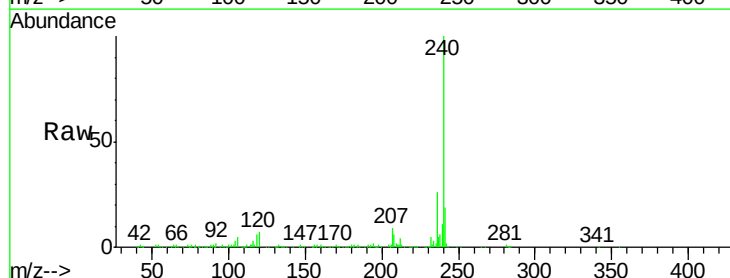
Instrument :
BNA_G
ClientSampleId :
PB87038BL

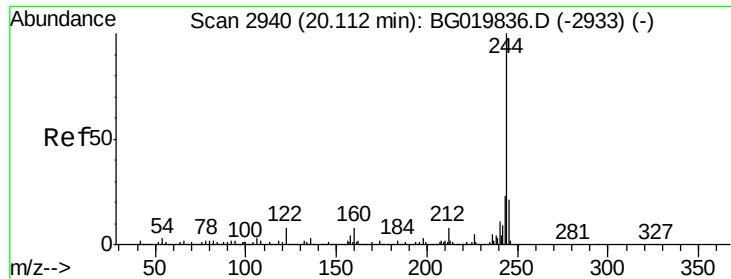
Tgt Ion:188 Resp: 188217
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 8.6 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG019859.D
Acq: 3 Dec 2015 7:38

Tgt Ion:240 Resp: 226235
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0#
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 80.09 ng

RT: 20.11 min Scan# 2939

Delta R.T. -0.01 min

Lab File: BG019859.D

Acq: 3 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

PB87038BL

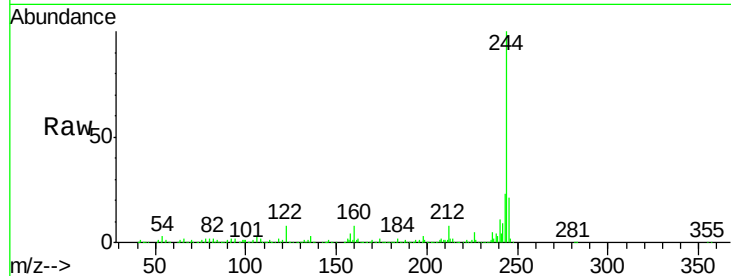
Tgt Ion:244 Resp: 742802

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

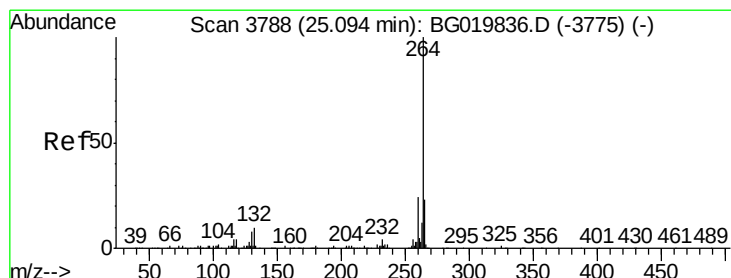
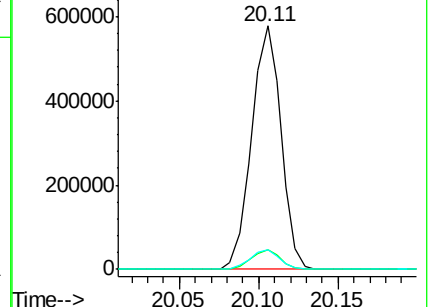
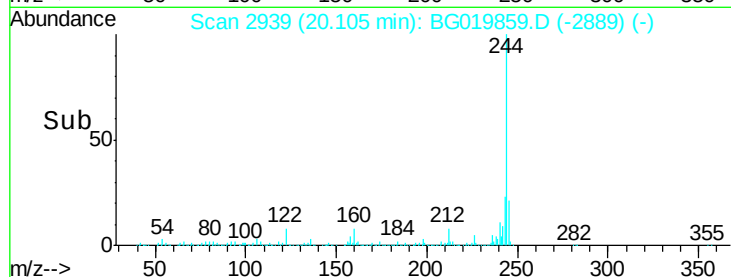
122 8.1 10.2 15.2#



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: 25.08 min Scan# 3786

Delta R.T. -0.01 min

Lab File: BG019859.D

Acq: 3 Dec 2015 7:38

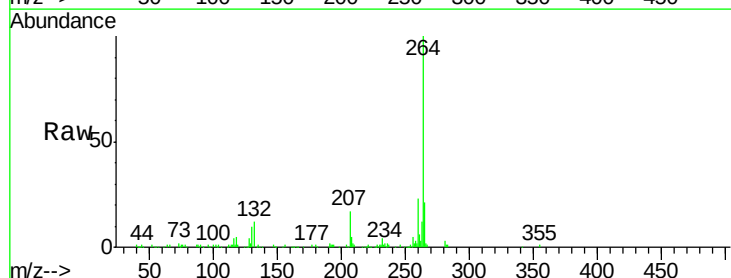
Tgt Ion:264 Resp: 208931

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.1 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

