

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
 Data File : BG016920.D
 Acq On : 7 May 2015 13:07
 Operator : TP/IZ
 Sample : PB83129BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83129BL

Quant Time: May 08 02:26:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 02:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	82676	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	346119	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	218432	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	524257	20.00	ng	0.00
75) Chrysene-d12	21.36	240	545481	20.00	ng	0.00
86) Perylene-d12	23.66	264	529346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	480954	101.29	ng	0.01
7) Phenol-d6	6.96	99	651443	96.03	ng	0.00
23) Nitrobenzene-d5	8.96	82	410242	57.90	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	225685	102.92	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	818418	56.54	ng	0.00
78) Terphenyl-d14	19.81	244	1370892	58.92	ng	0.00

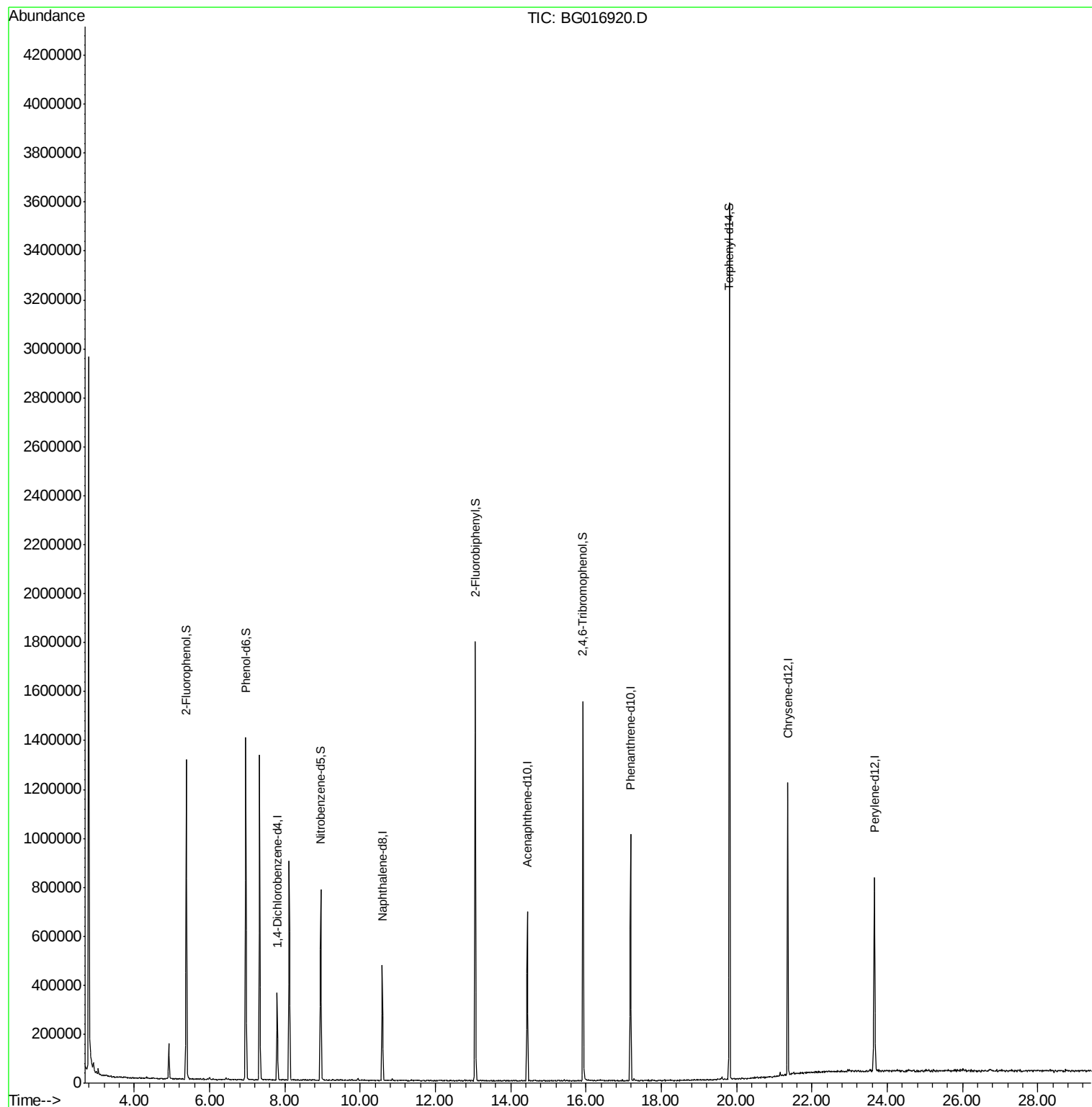
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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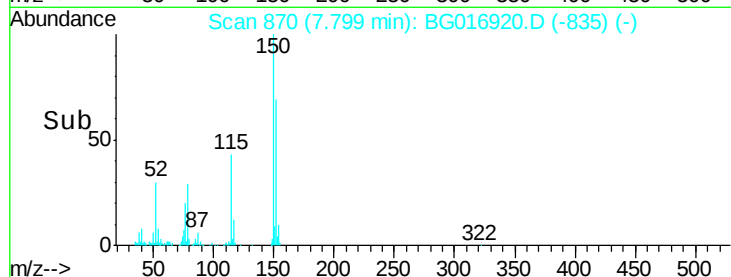
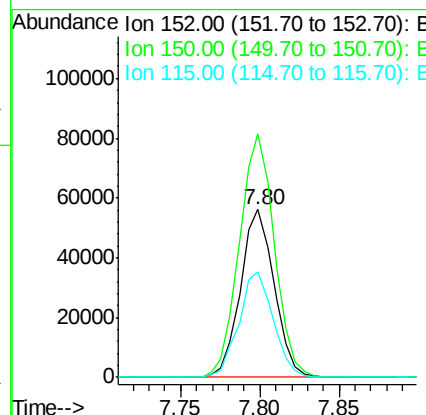
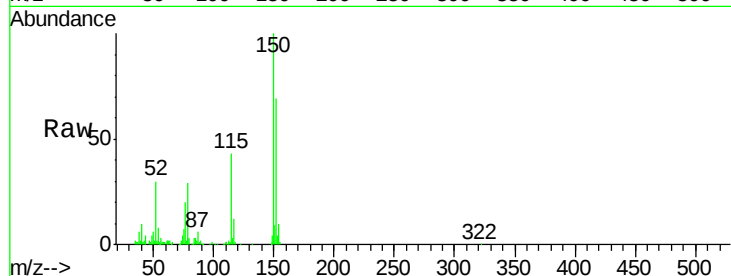


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG016920.D
Acq: 7 May 2015 13:07

Instrument :
BNA_G
ClientSampleId :
PB83129BL

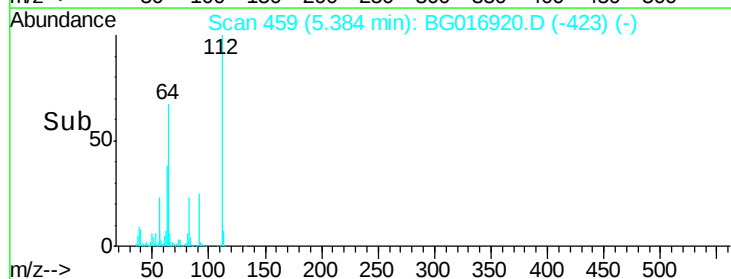
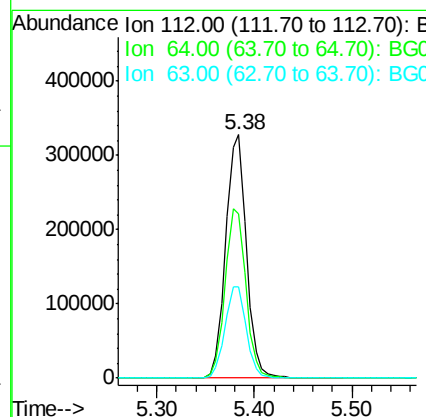
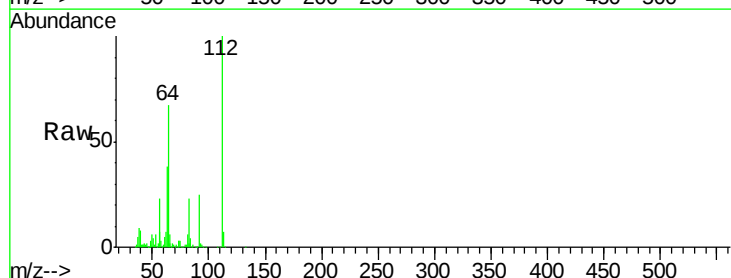
Tgt Ion:152 Resp: 82676
Ion Ratio Lower Upper
152 100
150 145.2 121.0 181.4
115 62.7 50.5 75.7

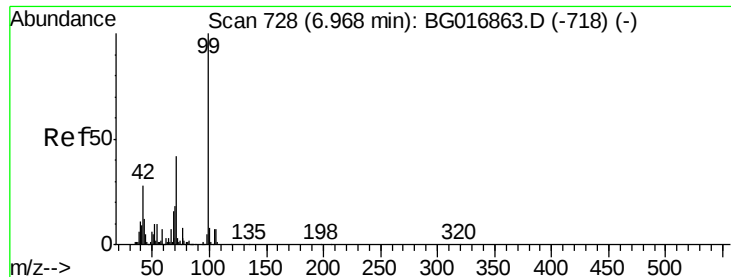


#5

2-Fluorophenol
Concen: 101.29 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.01 min
Lab File: BG016920.D
Acq: 7 May 2015 13:07

Tgt Ion:112 Resp: 480954
Ion Ratio Lower Upper
112 100
64 67.5 51.4 77.2
63 37.6 28.1 42.1





#7

Phenol-d6

Concen: 96.03 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016920.D

Acq: 7 May 2015 13:07

Instrument :

BNA_G

ClientSampleId :

PB83129BL

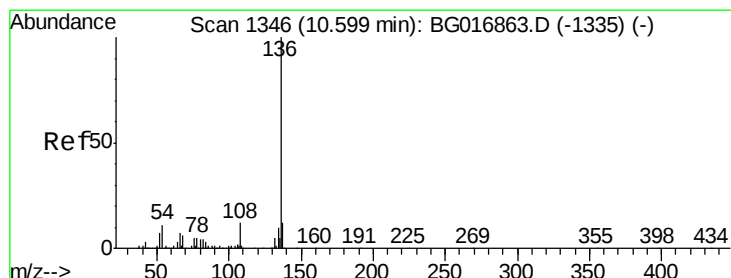
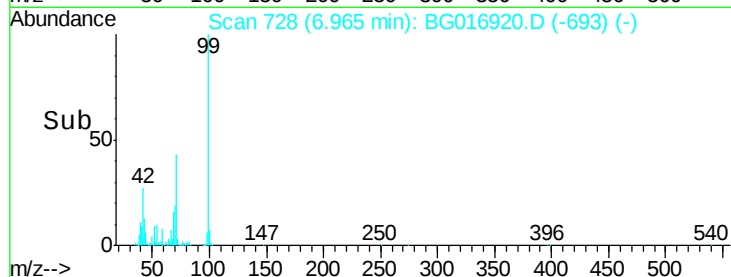
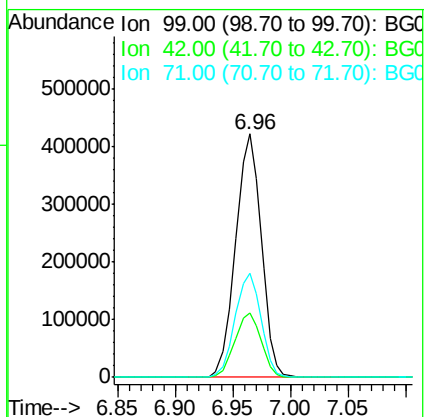
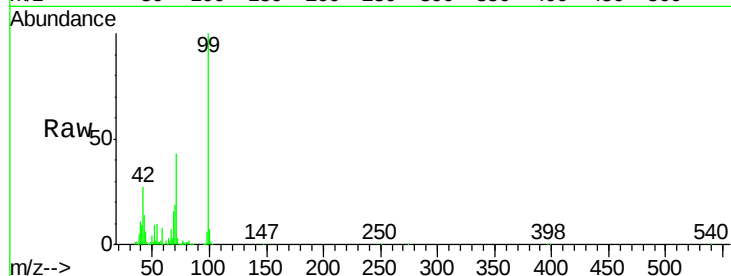
Tgt Ion: 99 Resp: 651443

Ion Ratio Lower Upper

99 100

42 26.7 22.1 33.1

71 42.8 33.4 50.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.59 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG016920.D

Acq: 7 May 2015 13:07

Tgt Ion: 136 Resp: 346119

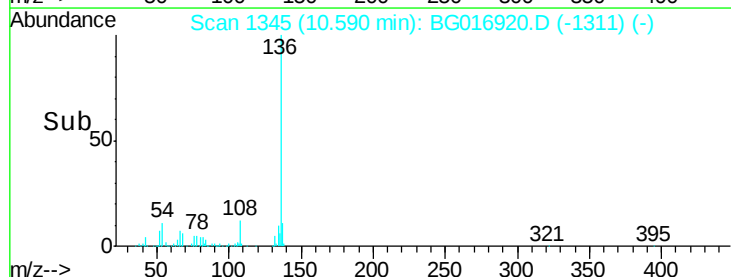
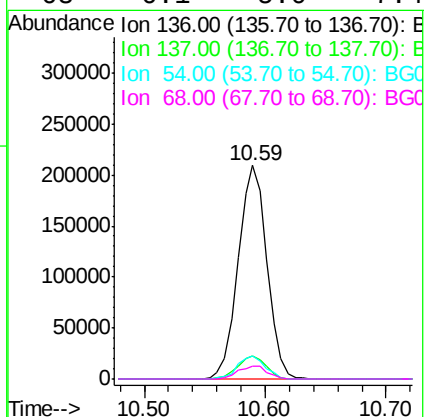
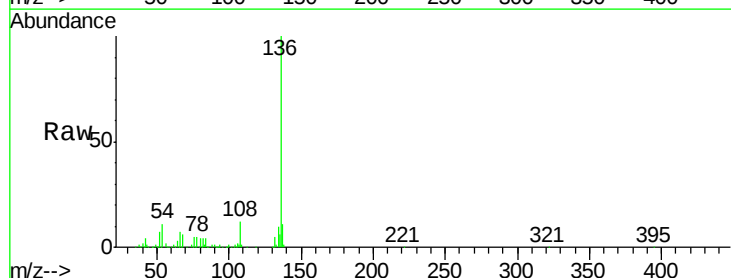
Ion Ratio Lower Upper

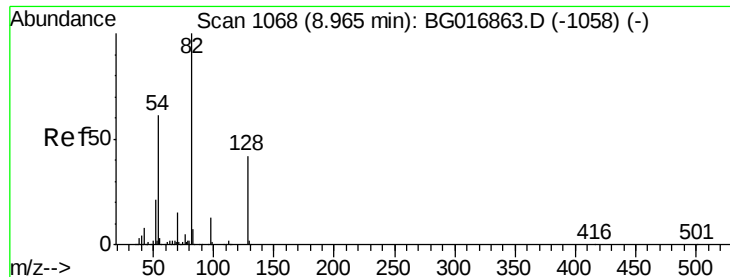
136 100

137 11.1 9.8 14.8

54 10.8 8.7 13.1

68 6.1 5.0 7.4

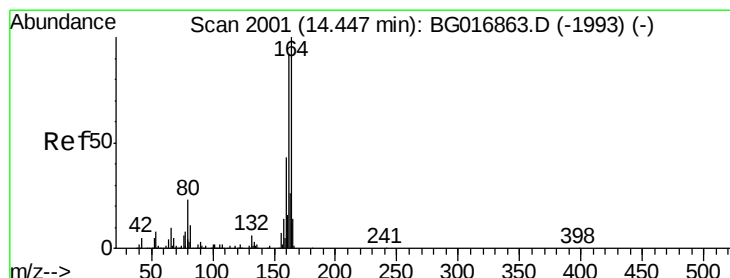
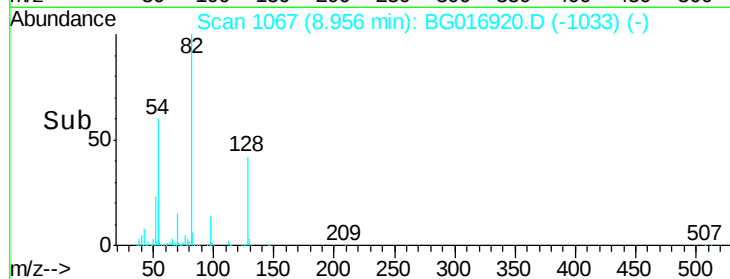
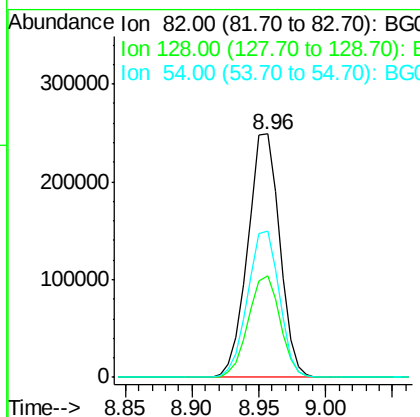
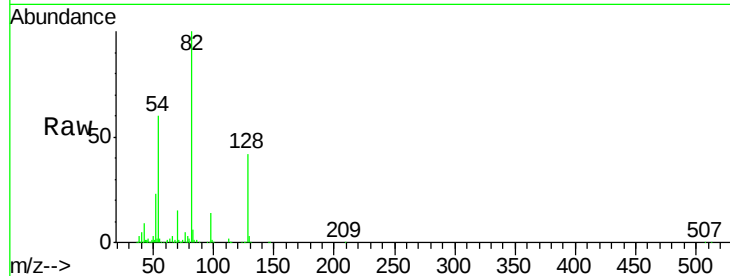




#23
 Nitrobenzene-d5
 Concen: 57.90 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016920.D
 Acq: 7 May 2015 13:07

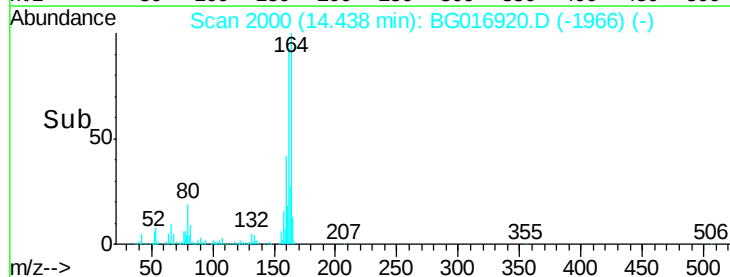
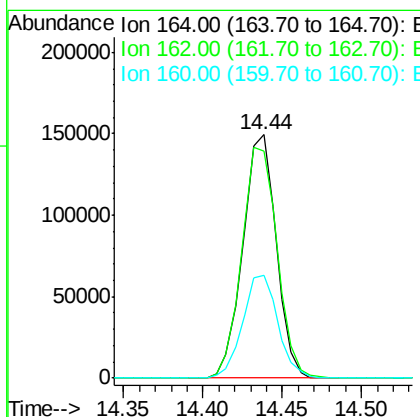
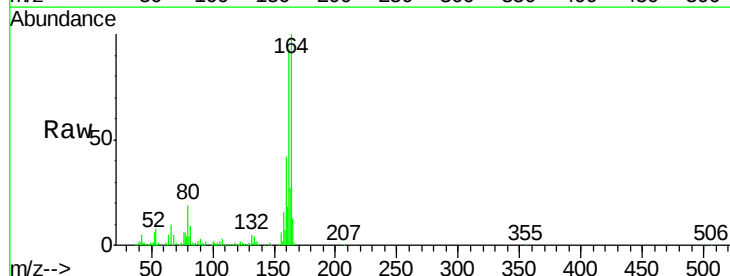
Instrument :
 BNA_G
 ClientSampleId :
 PB83129BL

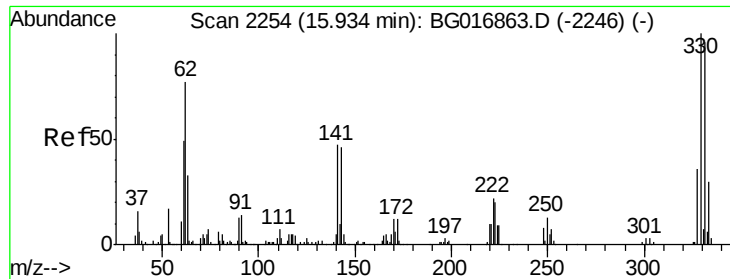
Tgt Ion: 82 Resp: 410242
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.2 49.8
 54 59.9 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG016920.D
 Acq: 7 May 2015 13:07

Tgt Ion: 164 Resp: 218432
 Ion Ratio Lower Upper
 164 100
 162 93.0 74.0 111.0
 160 42.2 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 102.92 ng

RT: 15.92 min Scan# 2253

Delta R.T. -0.00 min

Lab File: BG016920.D

Acq: 7 May 2015 13:07

Instrument :

BNA_G

ClientSampleId :

PB83129BL

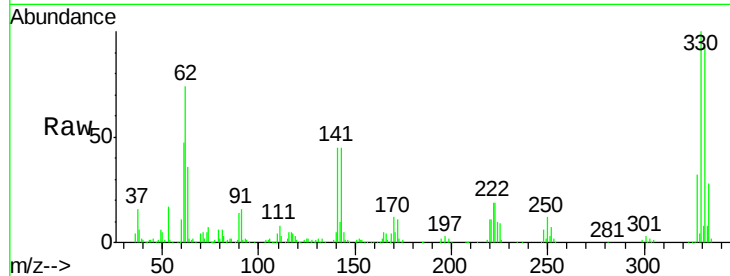
Tgt Ion:330 Resp: 225685

Ion Ratio Lower Upper

330 100

332 94.2 0.0 0.0#

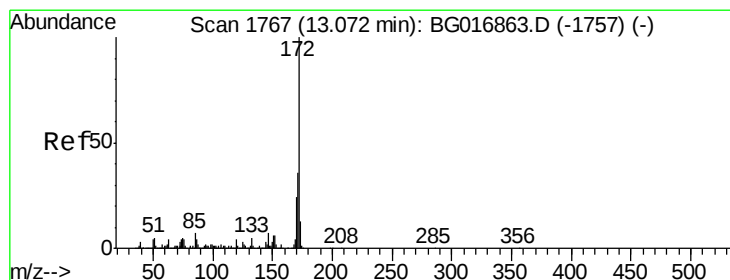
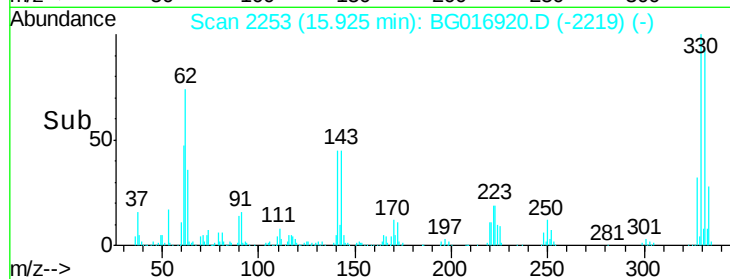
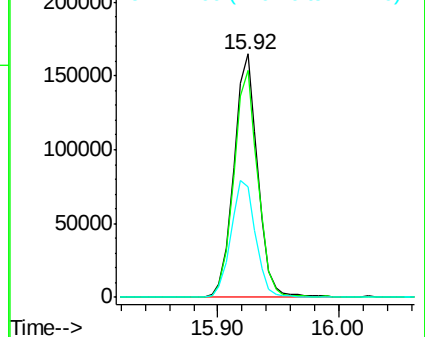
141 49.6 0.0 0.0#



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: 56.54 ng

RT: 13.06 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BG016920.D

Acq: 7 May 2015 13:07

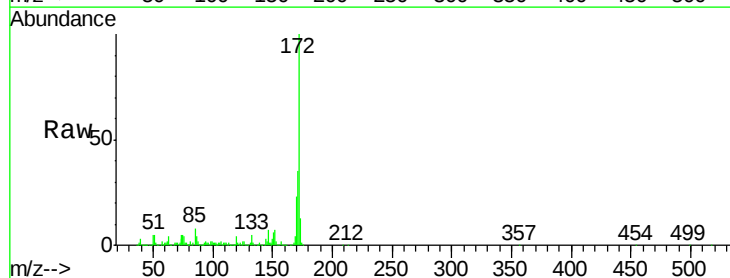
Tgt Ion:172 Resp: 818418

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

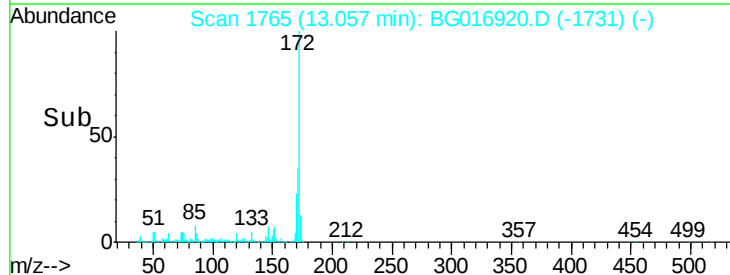
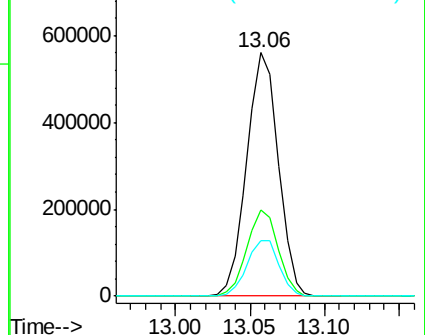
170 22.6 19.0 28.4

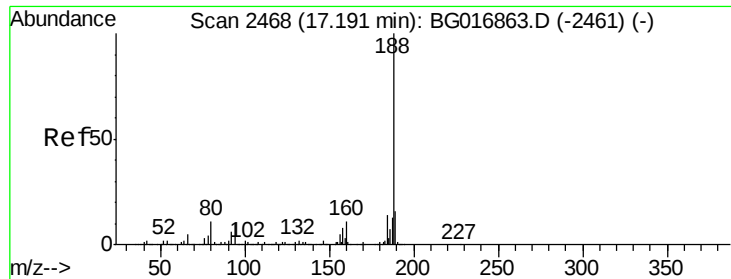


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.18 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG016920.D

Acq: 7 May 2015 13:07

Instrument :

BNA_G

ClientSampleId :

PB83129BL

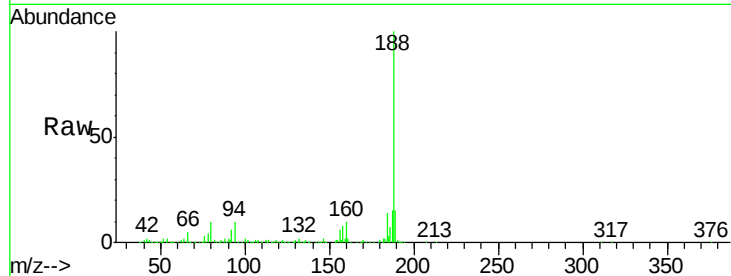
Tgt Ion:188 Resp: 524257

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

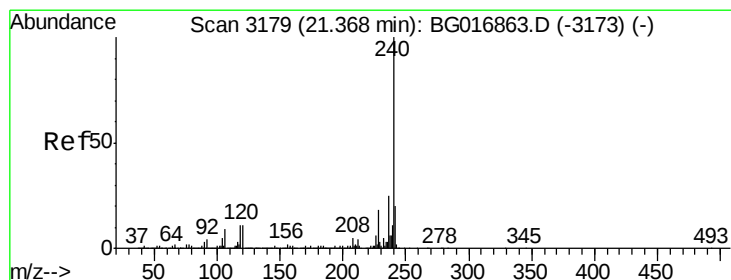
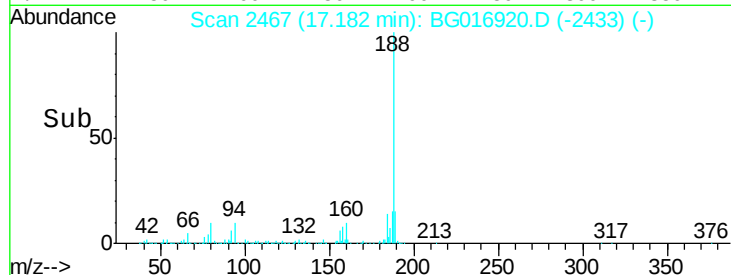
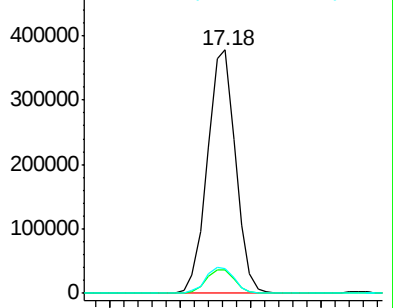
80 10.1 8.8 13.2



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: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016920.D

Acq: 7 May 2015 13:07

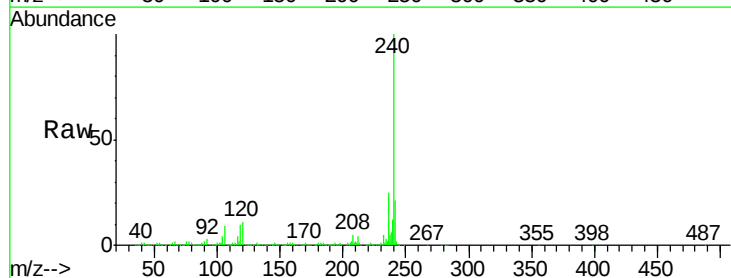
Tgt Ion:240 Resp: 545481

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

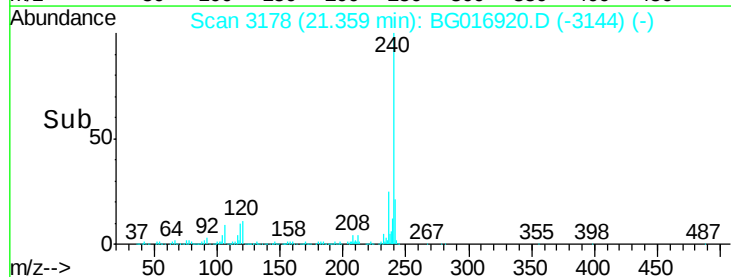
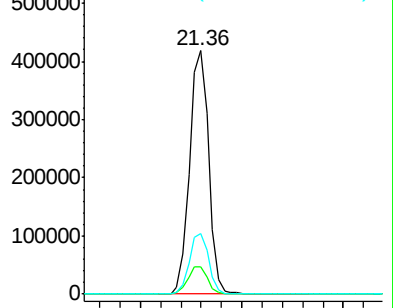
236 24.9 20.2 30.4

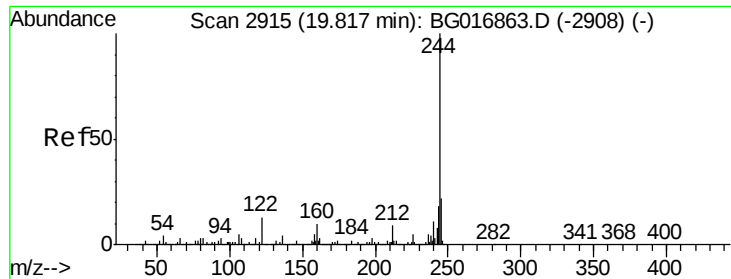


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 58.92 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016920.D

Acq: 7 May 2015 13:07

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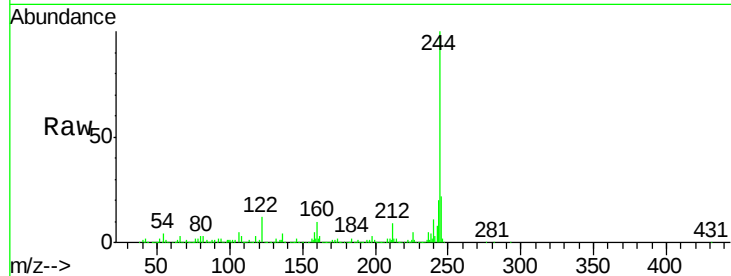
Tgt Ion:244 Resp: 1370892

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

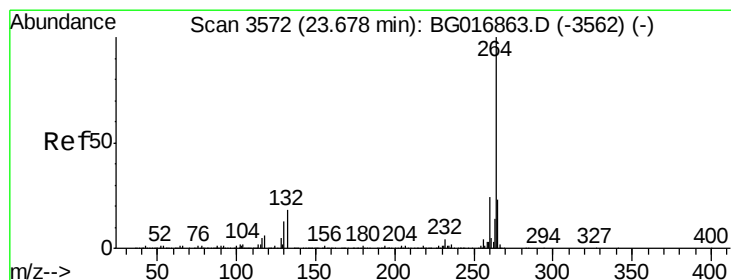
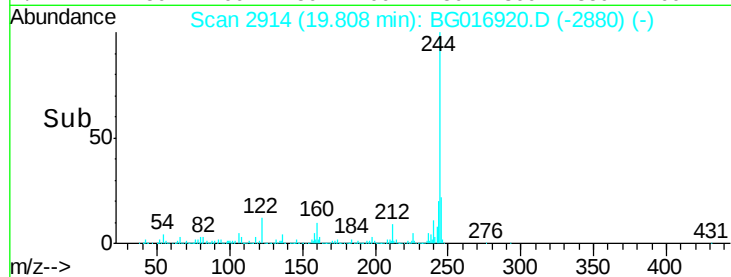
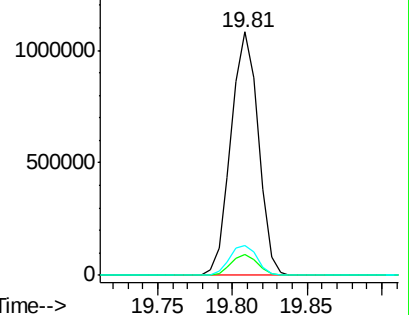
122 12.4 10.4 15.6



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: 23.66 min Scan# 3570

Delta R.T. -0.00 min

Lab File: BG016920.D

Acq: 7 May 2015 13:07

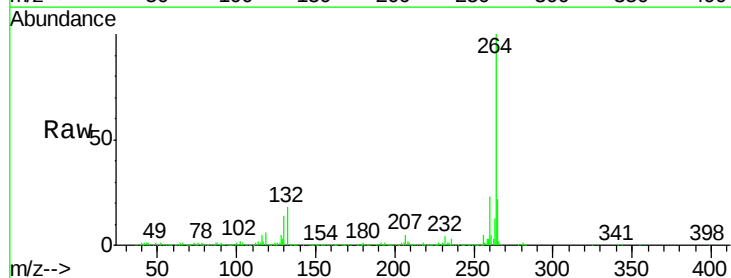
Tgt Ion:264 Resp: 529346

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.6 18.5 27.7



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

