

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

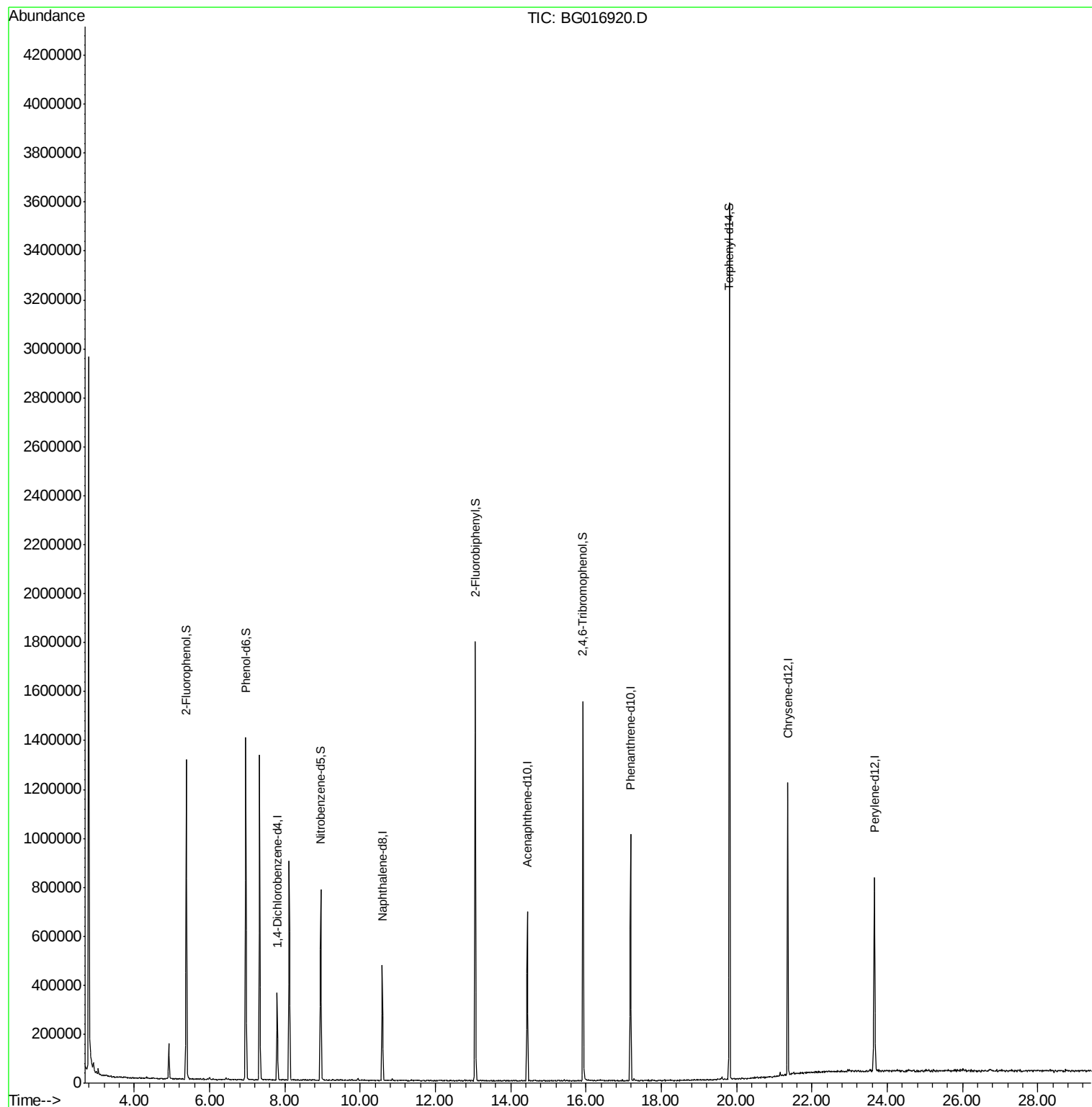
Target Compounds Qvalue

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

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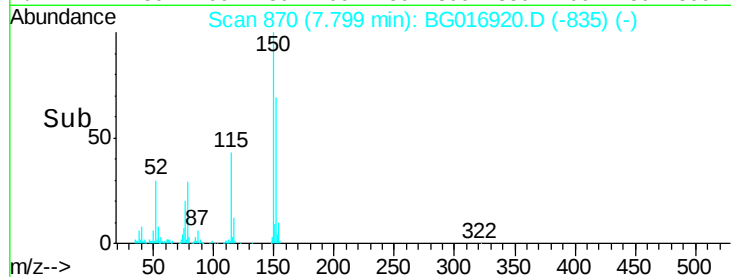
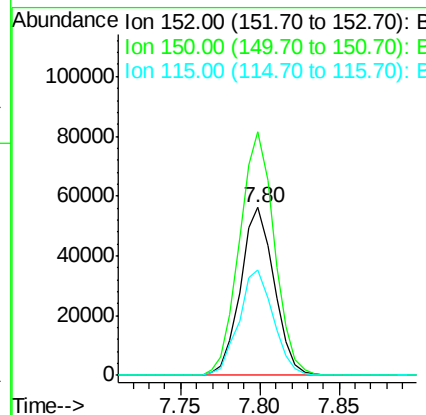
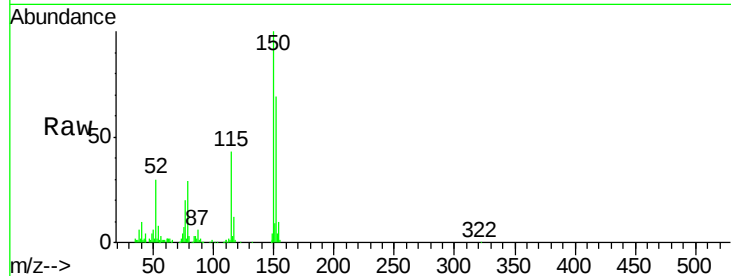


#1

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 :
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ClientSampleId :
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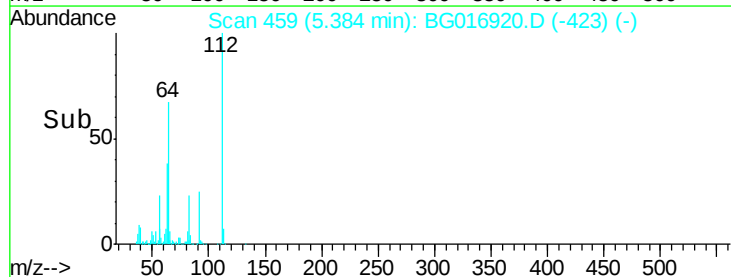
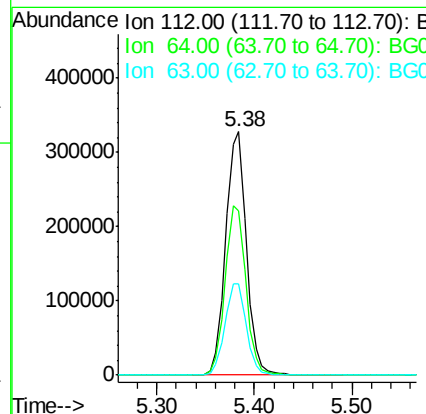
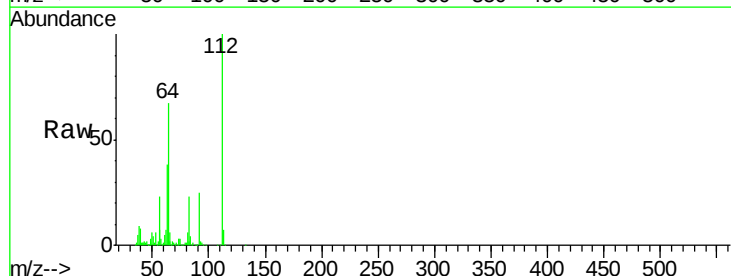
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	121.0	181.4
115	62.7	50.5	75.7

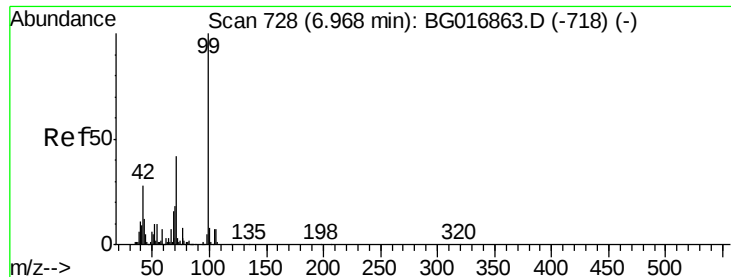


#5

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	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

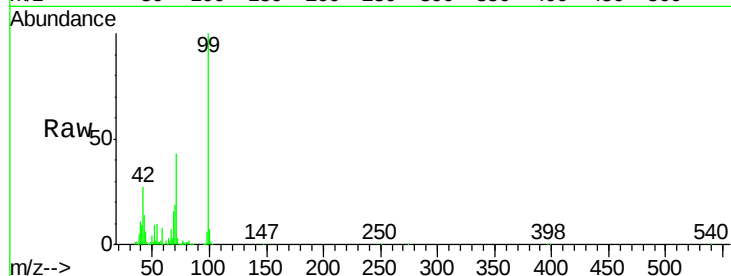
Tot Ion: 99 Resp: 651443

Ion Ratio Lower Upper

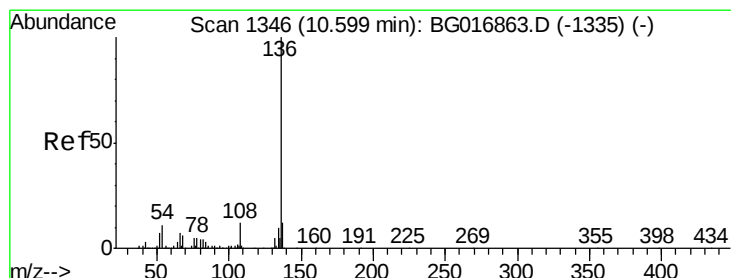
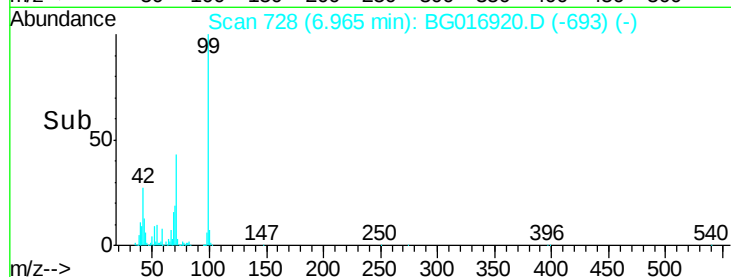
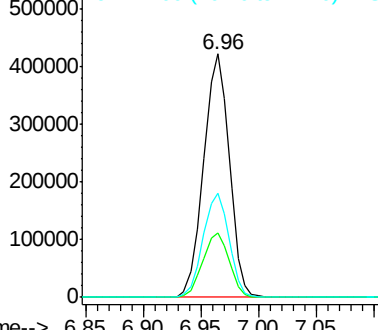
99 100

42 26.7 22.1 33.1

71 42.8 33.4 50.0



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: 10.59 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG016920.D

Acq: 7 May 2015 13:07

Tgt Ion: 136 Resp: 346119

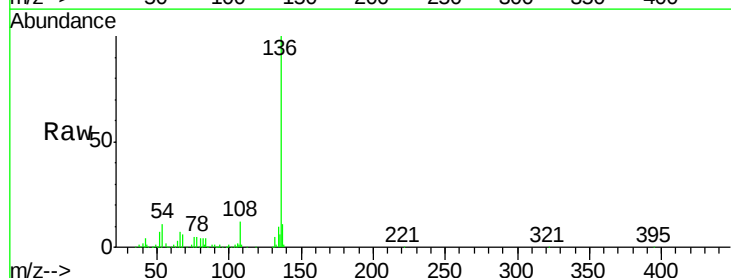
Ion Ratio Lower Upper

136 100

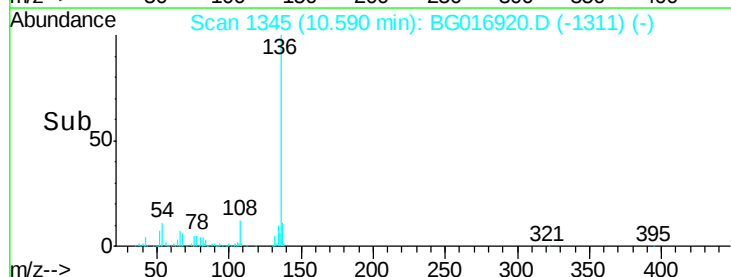
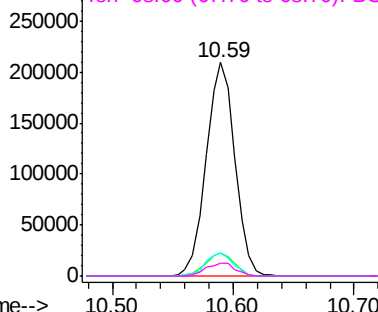
137 11.1 9.8 14.8

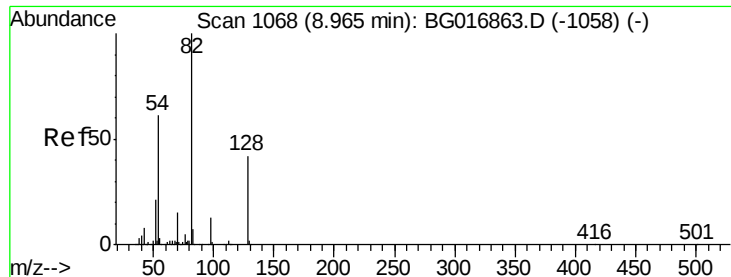
54 10.8 8.7 13.1

68 6.1 5.0 7.4



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: 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

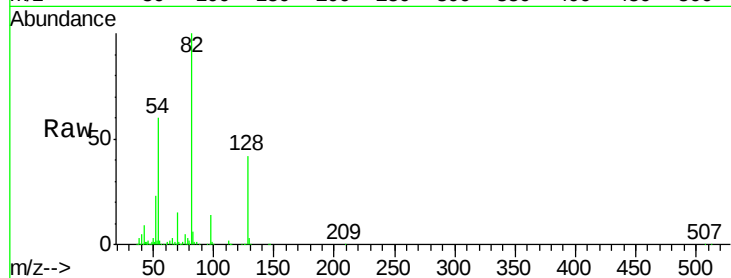
Tot Ion: 82 Resp: 410242

Ion Ratio Lower Upper

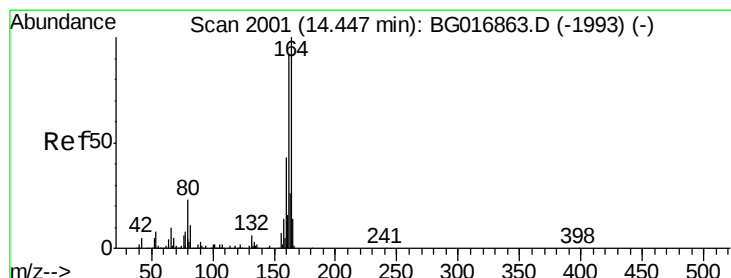
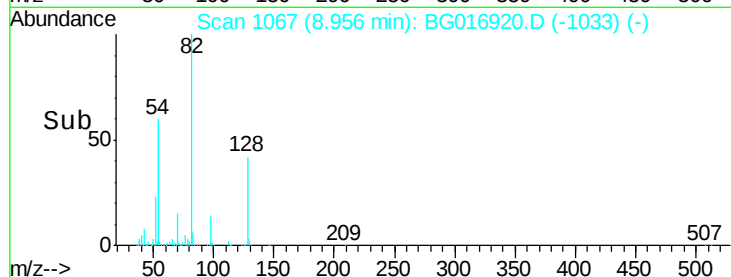
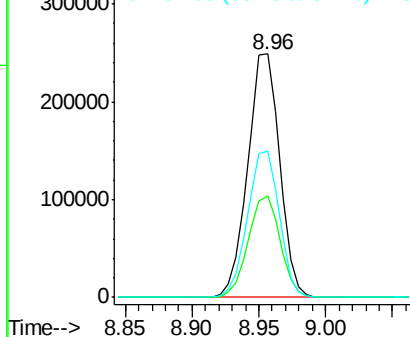
82 100

128 41.6 33.2 49.8

54 59.9 48.6 72.8



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: 14.44 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG016920.D

Acq: 7 May 2015 13:07

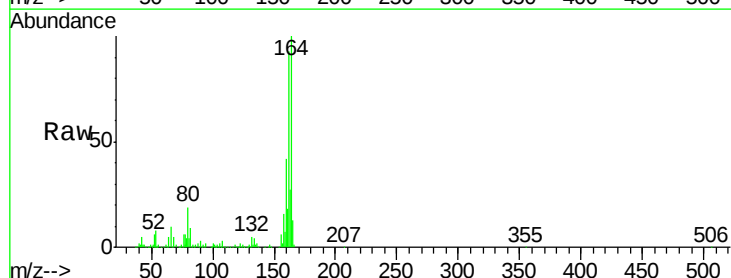
Tgt Ion: 164 Resp: 218432

Ion Ratio Lower Upper

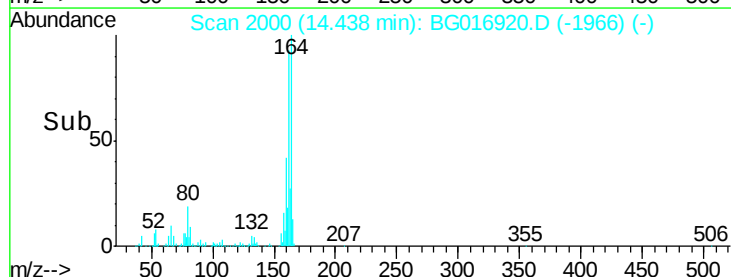
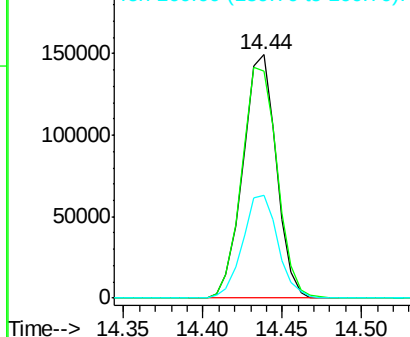
164 100

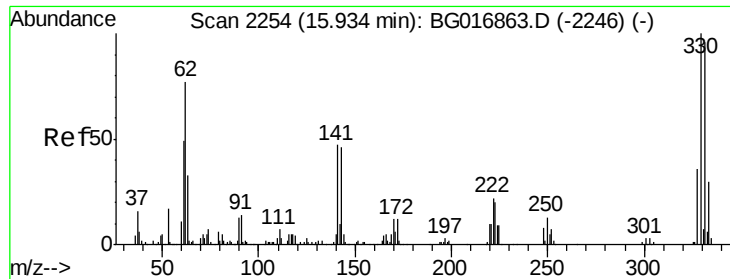
162 93.0 74.0 111.0

160 42.2 34.7 52.1



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

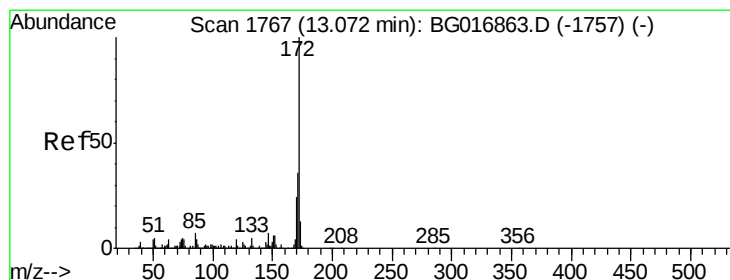
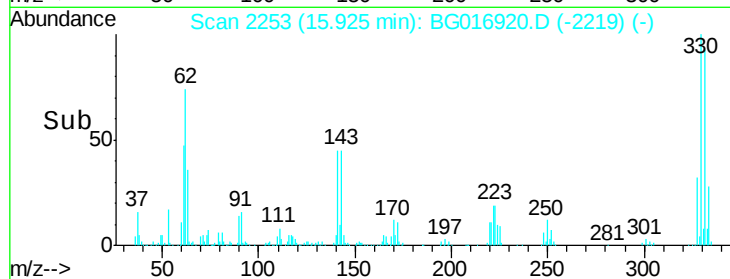
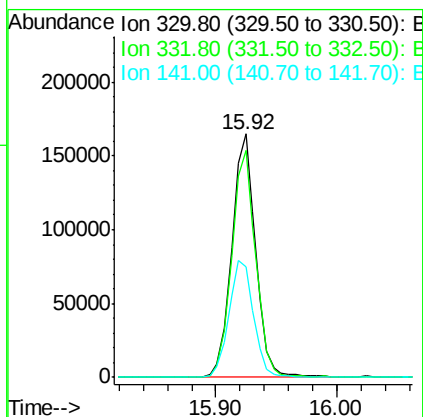
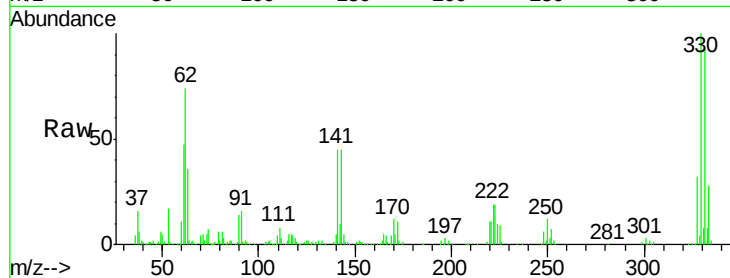




#41
 2,4,6-Tribromophenol
 Concen: 102.92 ng
 RT: 15.92 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016920.D
 Acq: 7 May 2015 13:07

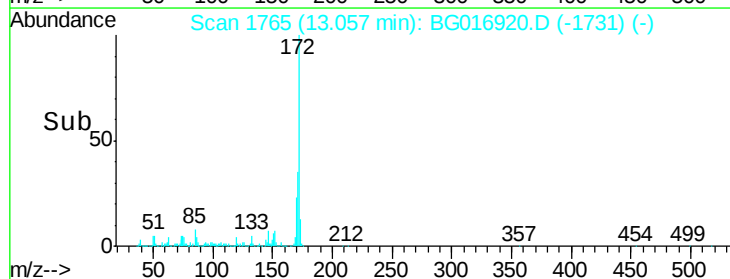
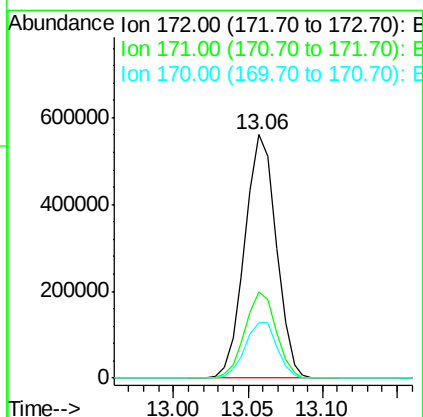
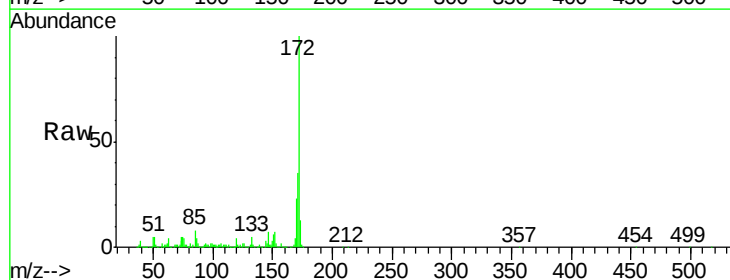
Instrument :
 BNA_G
 ClientSampleId :
 PB83129BL

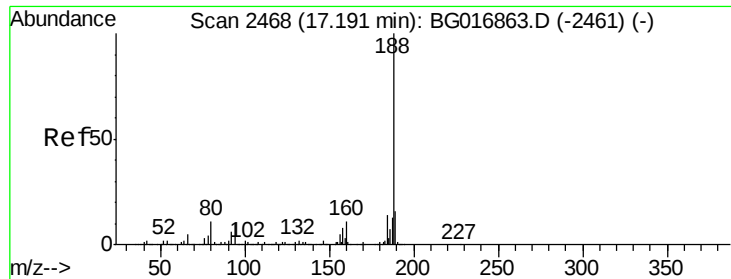
Tot Ion:330 Resp: 225685
 Ion Ratio Lower Upper
 330 100
 332 94.2 0.0 0.0#
 141 49.6 0.0 0.0#



#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

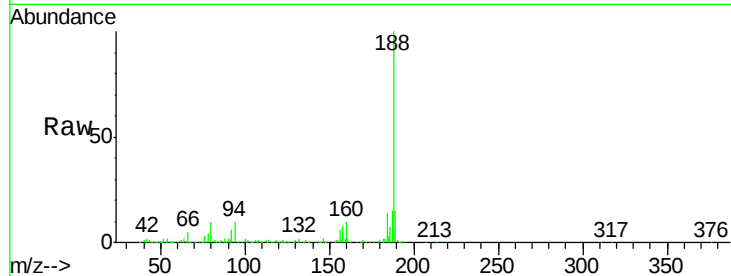




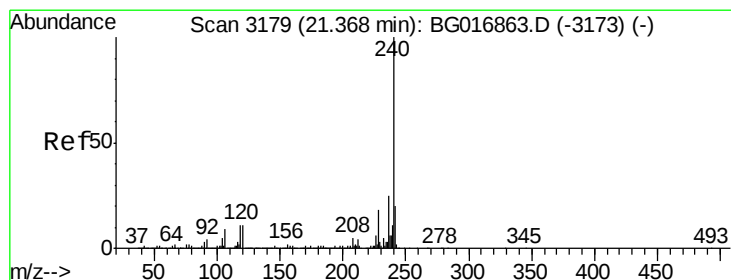
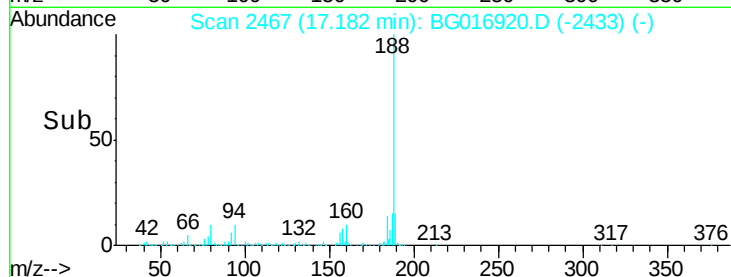
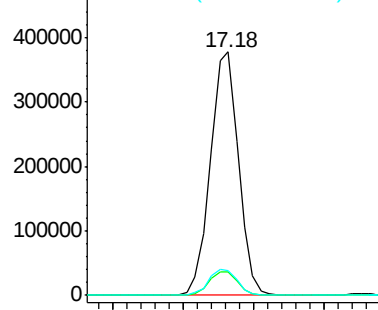
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG016920.D
Acq: 7 May 2015 13:07

Instrument :
BNA_G
ClientSampleId :
PB83129BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.4
80	10.1	8.8	13.2

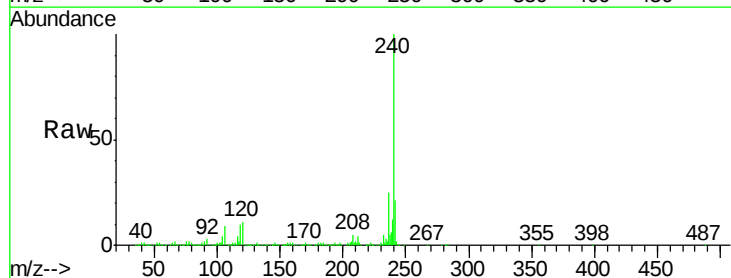


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

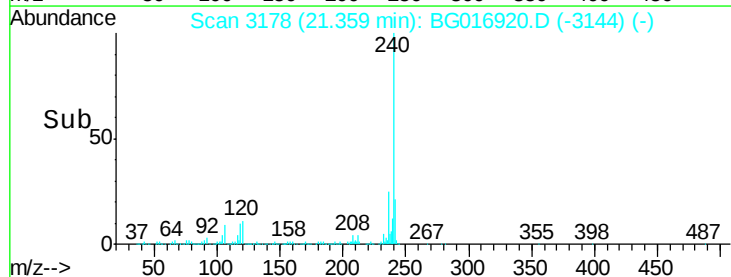
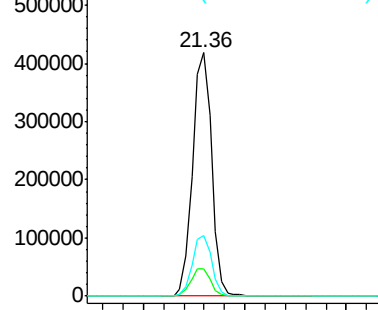


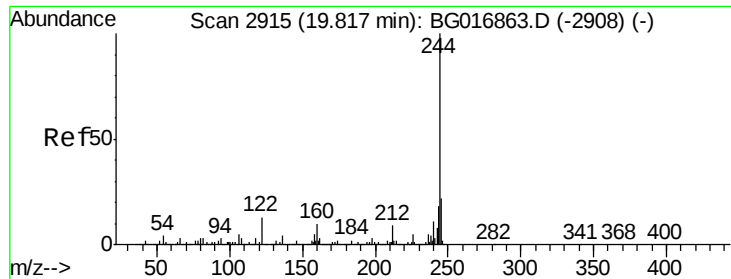
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG016920.D
Acq: 7 May 2015 13:07

Tgt Ion	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

Instrument :

BNA_G

ClientSampleId :

PB83129BL

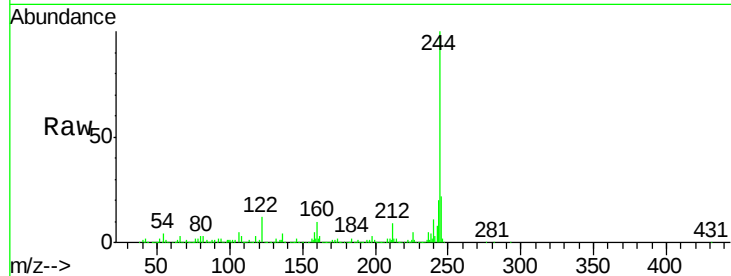
Tot Ion:244 Resp: 1370892

Ion Ratio Lower Upper

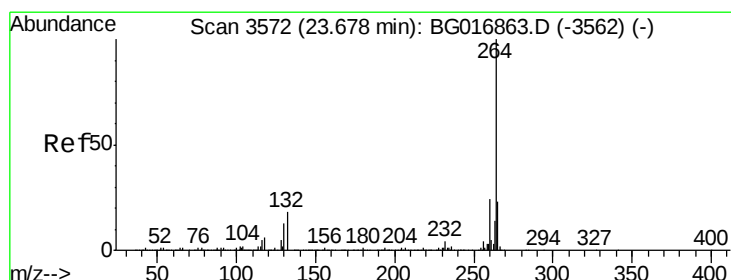
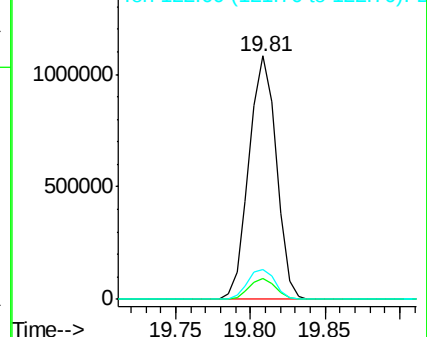
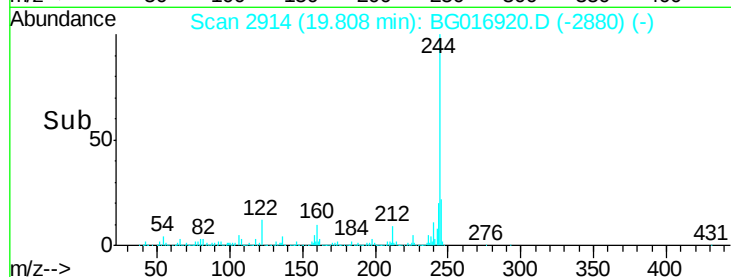
244 100

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

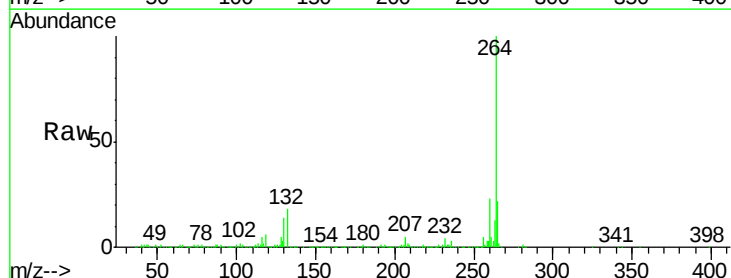
Tgt Ion:264 Resp: 529346

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

