

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016971.D
 Acq On : 9 May 2015 1:51
 Operator : TP/IZ
 Sample : PB83176BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83176BL

Quant Time: May 09 02:45:13 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 23:46:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	74664	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	309712	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	203679	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	525231	20.00	ng	0.00
75) Chrysene-d12	21.35	240	576096	20.00	ng	-0.01
86) Perylene-d12	23.64	264	556387	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	415479	96.89	ng	0.00
7) Phenol-d6	6.96	99	556722	90.88	ng	0.00
23) Nitrobenzene-d5	8.95	82	350972	55.36	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	224694	109.89	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	714203	52.91	ng	0.00
78) Terphenyl-d14	19.80	244	1409310	57.35	ng	0.00

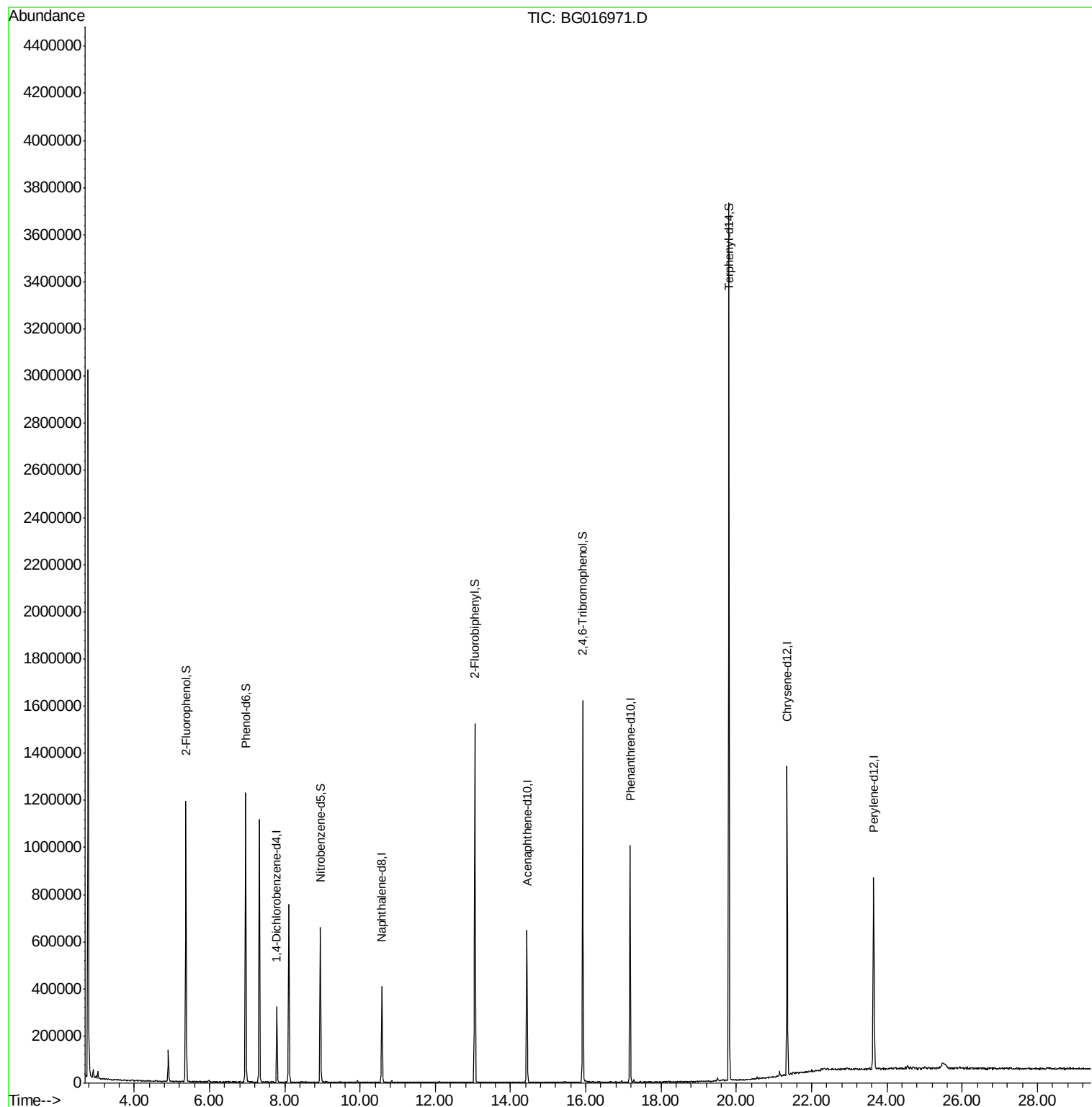
Target Compounds	Qvalue
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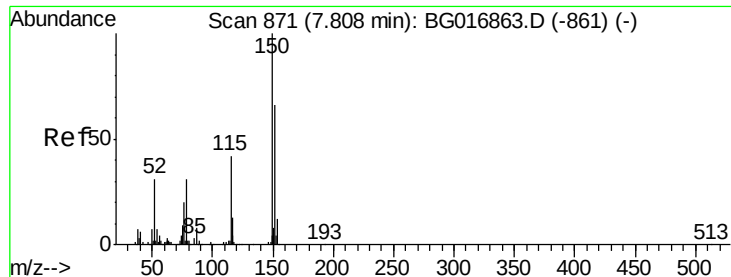
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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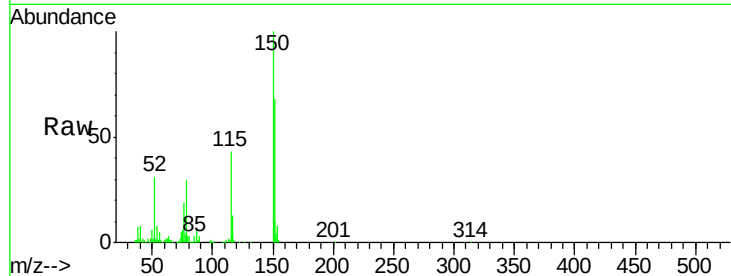


#1

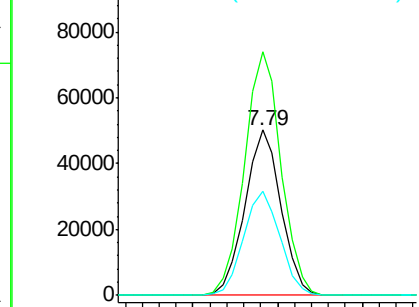
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG016971.D
Acq: 9 May 2015 1:51

Instrument :
BNA_G
ClientSampleID :
PB83176BL

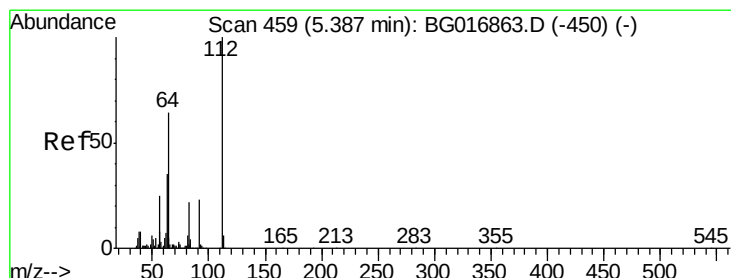
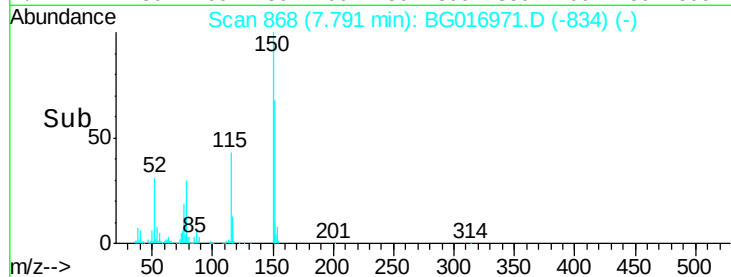
Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.1	121.0	181.4
115	62.6	50.5	75.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



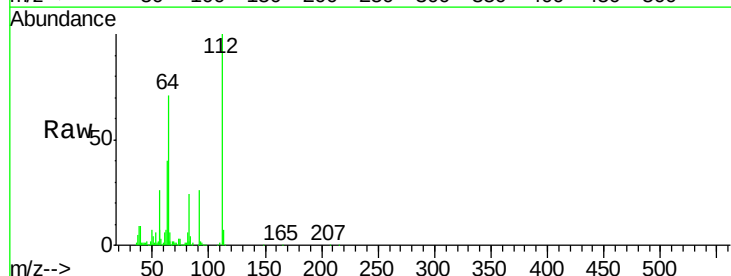
Time-->



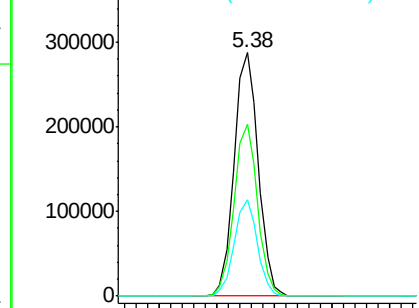
#5

2-Fluorophenol
Concen: 96.89 ng
RT: 5.38 min Scan# 457
Delta R.T. 0.00 min
Lab File: BG016971.D
Acq: 9 May 2015 1:51

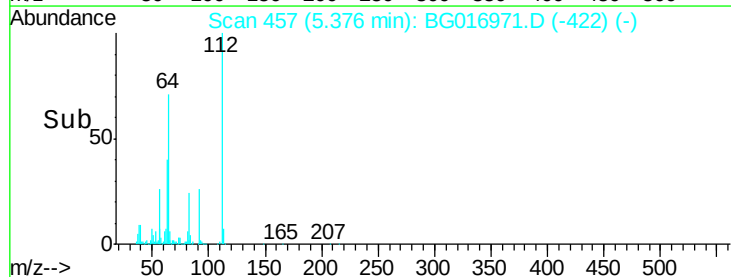
Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	51.4	77.2
63	39.5	28.1	42.1

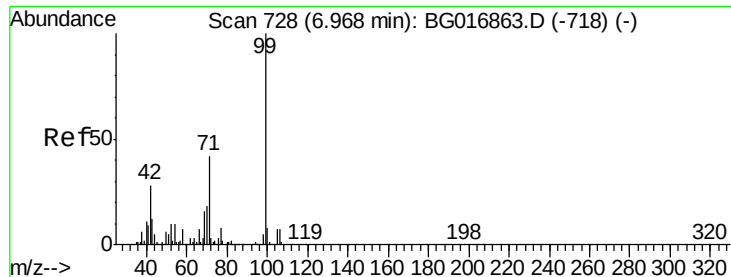


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0



Time-->





#7

Phenol-d6

Concen: 90.88 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016971.D

Acq: 9 May 2015 1:51

Instrument :

BNA_G

ClientSampleId :

PB83176BL

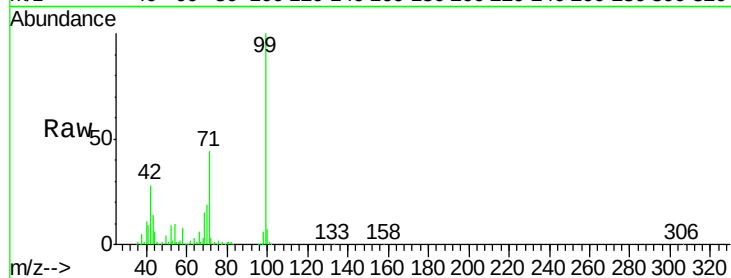
Tgt Ion: 99 Resp: 556722

Ion Ratio Lower Upper

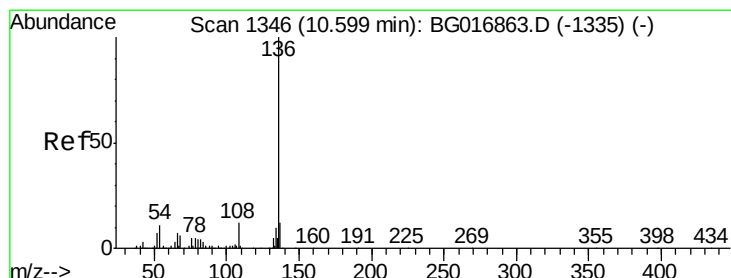
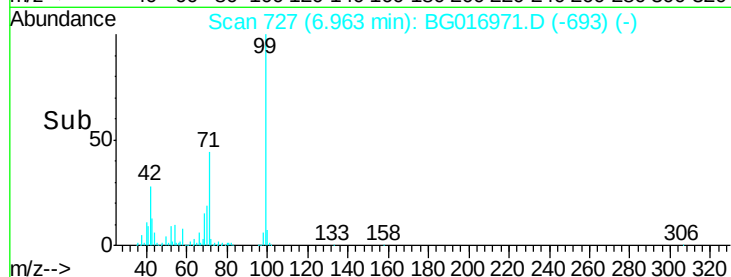
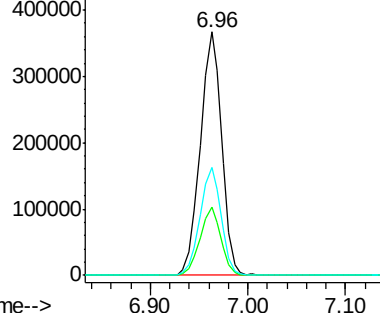
99 100

42 28.2 22.1 33.1

71 44.1 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: 10.58 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG016971.D

Acq: 9 May 2015 1:51

Tgt Ion: 136 Resp: 309712

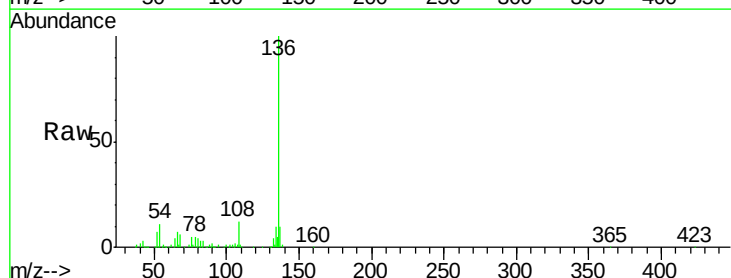
Ion Ratio Lower Upper

136 100

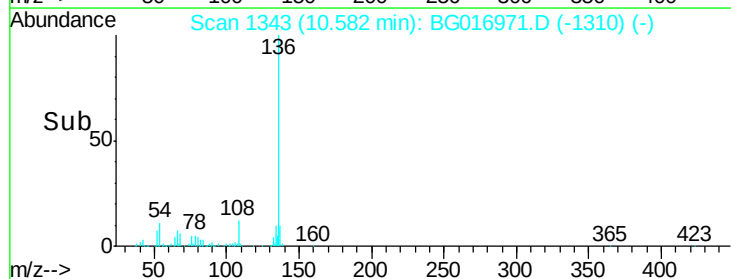
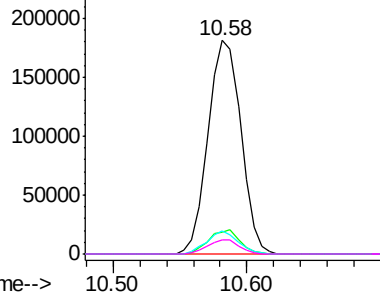
137 10.3 9.8 14.8

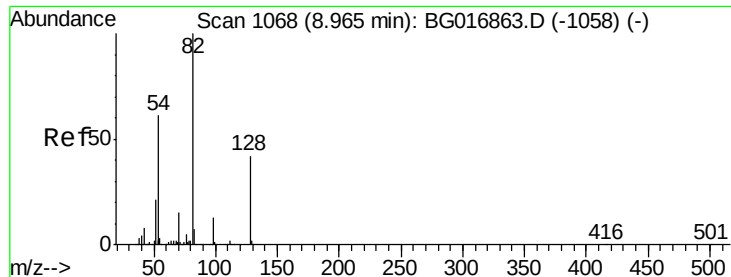
54 10.5 8.7 13.1

68 6.3 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

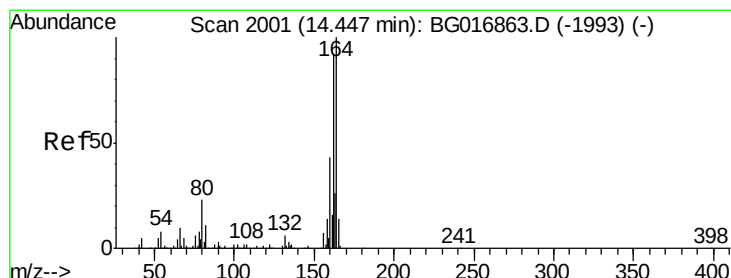
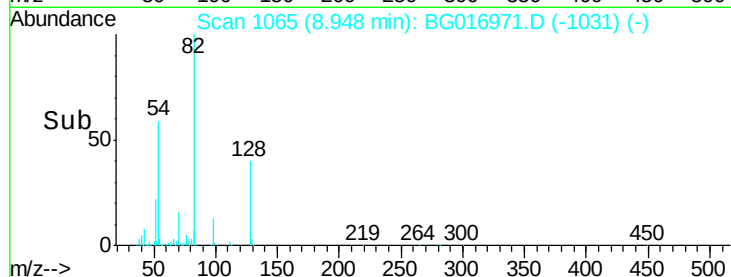
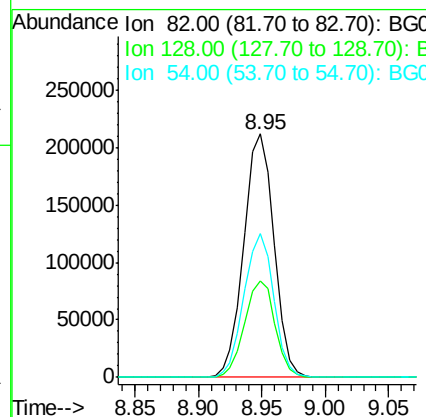
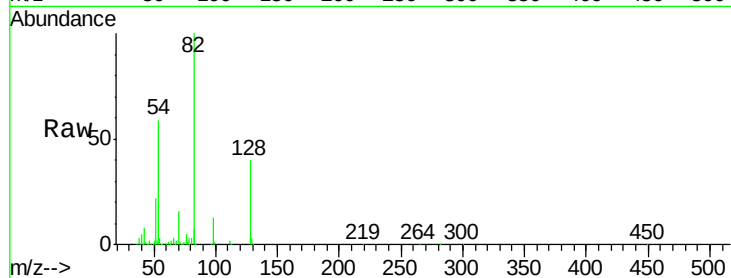




#23
 Nitrobenzene-d5
 Concen: 55.36 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016971.D
 Acq: 9 May 2015 1:51

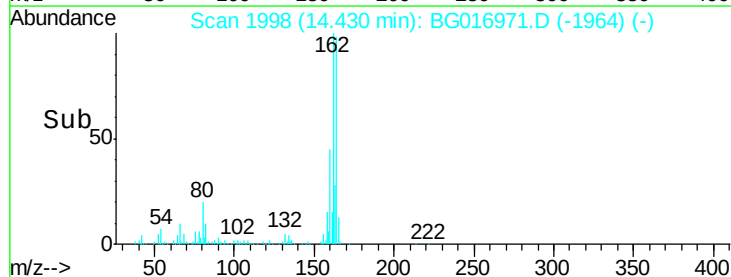
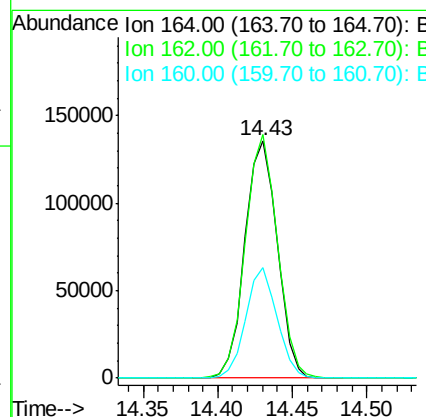
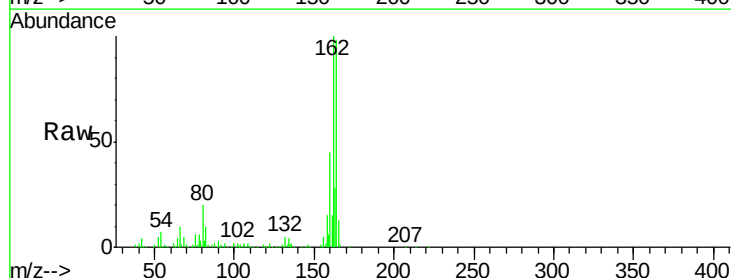
Instrument :
 BNA_G
 ClientSampled :
 PB83176BL

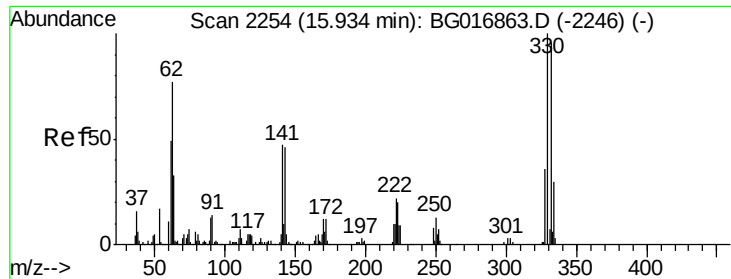
Tgt Ion: 82 Resp: 350972
 Ion Ratio Lower Upper
 82 100
 128 39.5 33.2 49.8
 54 59.2 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG016971.D
 Acq: 9 May 2015 1:51

Tgt Ion: 164 Resp: 203679
 Ion Ratio Lower Upper
 164 100
 162 102.5 74.0 111.0
 160 46.4 34.7 52.1

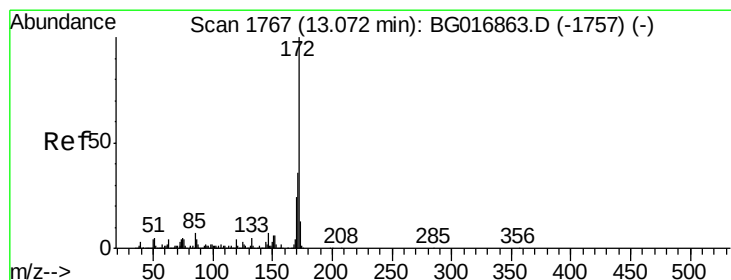
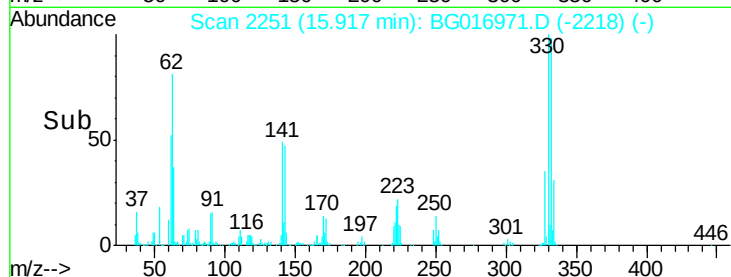
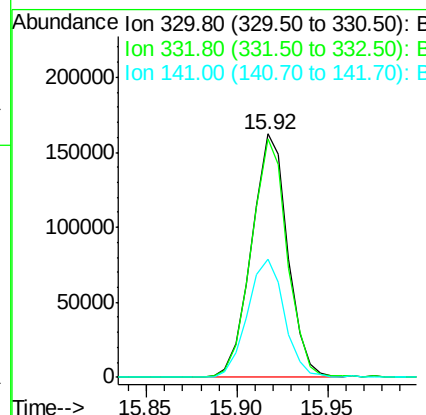
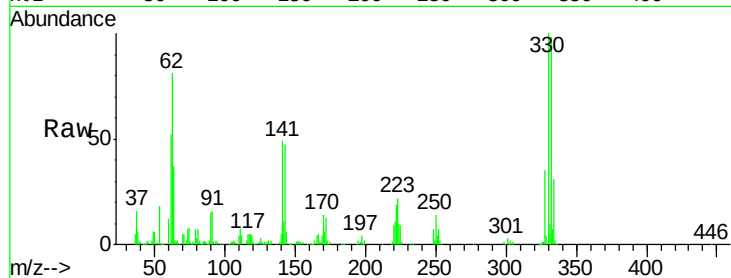




#41
 2,4,6-Tribromophenol
 Concen: 109.89 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BG016971.D
 Acq: 9 May 2015 1:51

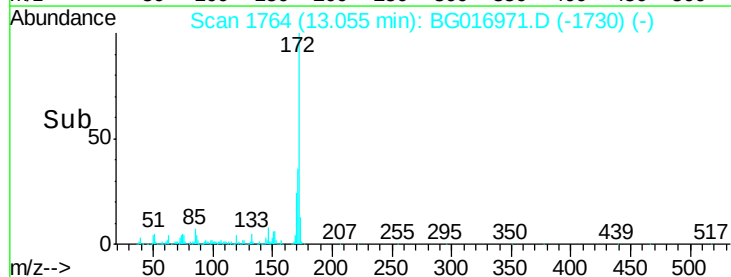
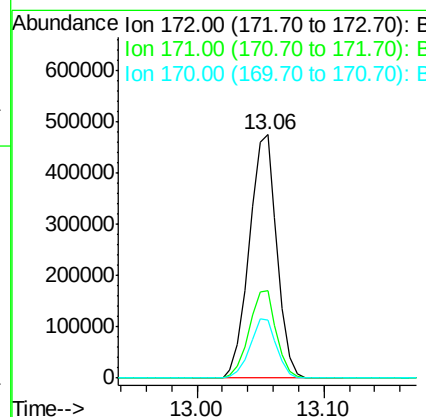
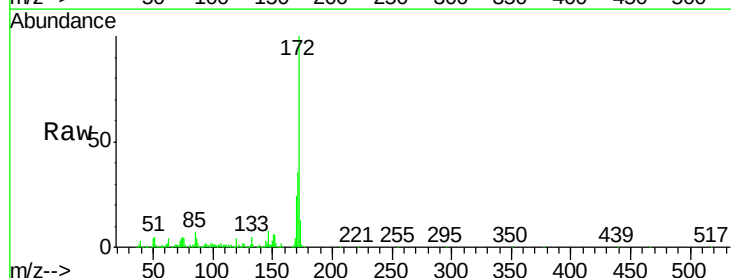
Instrument :
 BNA_G
 ClientSampleId :
 PB83176BL

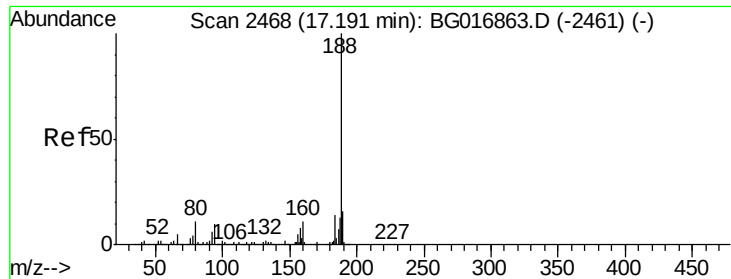
Tgt Ion:330 Resp: 224694
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 49.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 52.91 ng
 RT: 13.06 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG016971.D
 Acq: 9 May 2015 1:51

Tgt Ion:172 Resp: 714203
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 23.6 19.0 28.4

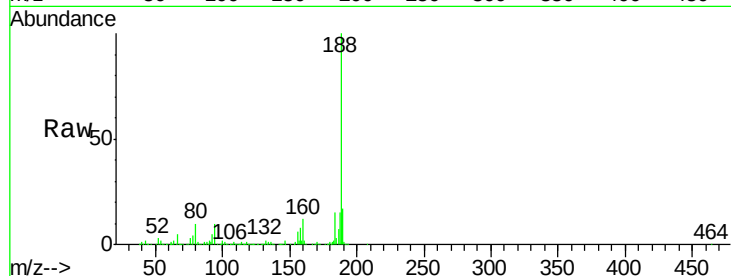




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG016971.D
Acq: 9 May 2015 1:51

Instrument :
BNA_G
ClientSampleId :
PB83176BL

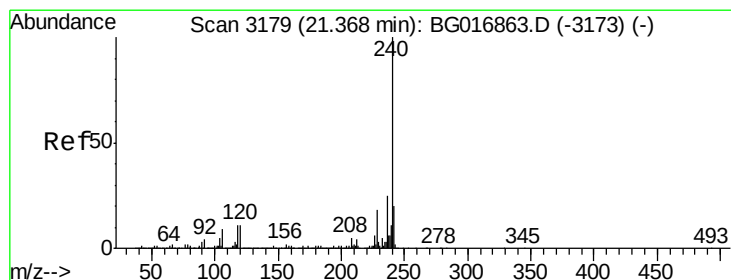
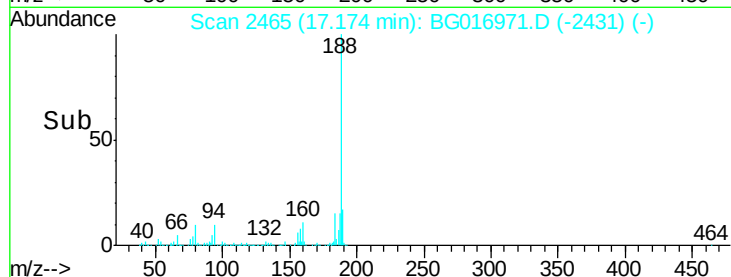
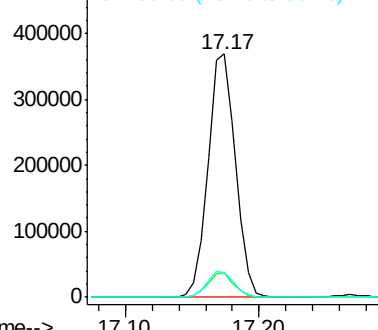
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	10.2	8.8	13.2



Abundance Ion 188.00 (187.70 to 188.70): E

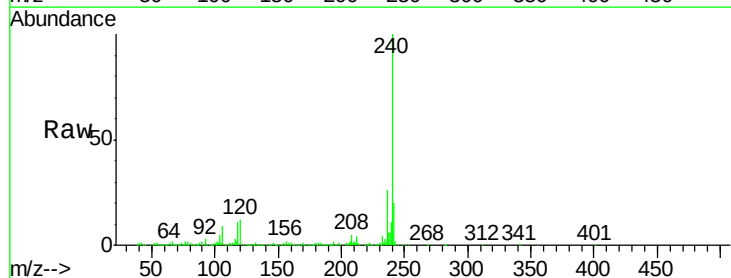
Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG016971.D
Acq: 9 May 2015 1:51

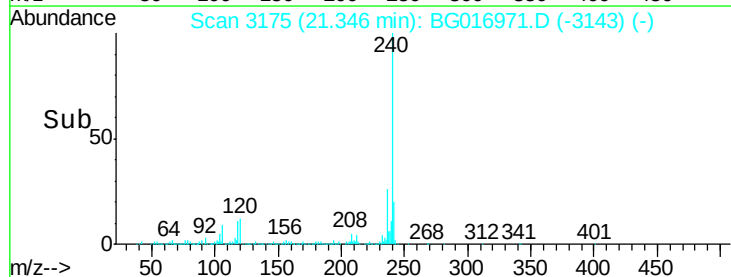
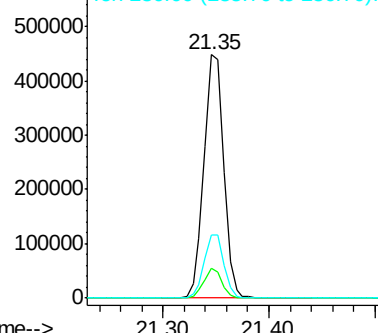
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.1	13.7
236	25.9	20.2	30.4

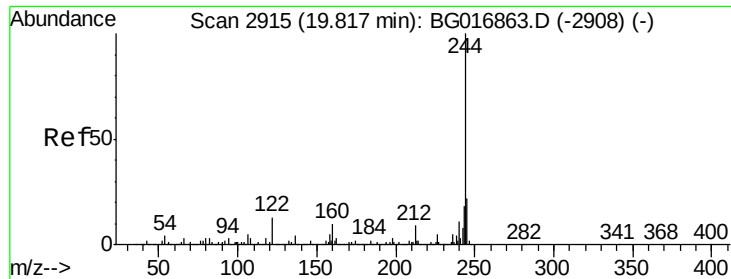


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.35 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.01 min

Lab File: BG016971.D

Acq: 9 May 2015 1:51

Instrument :

BNA_G

ClientSampleId :

PB83176BL

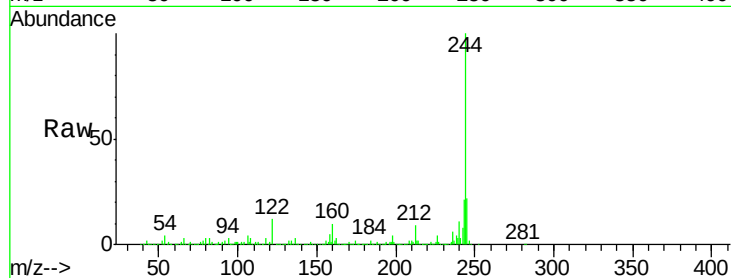
Tgt Ion:244 Resp: 1409310

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	12.4	10.4	15.6

244 100

212 8.8 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

1500000

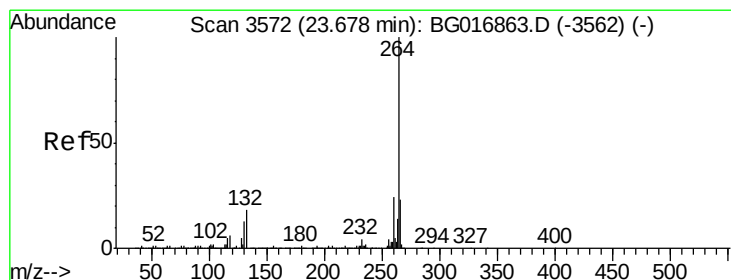
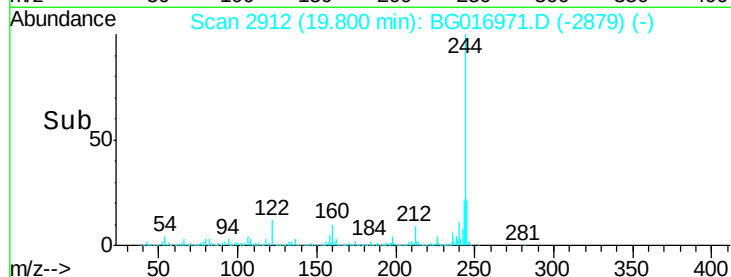
1000000

500000

0

19.70 19.80 19.90

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.64 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG016971.D

Acq: 9 May 2015 1:51

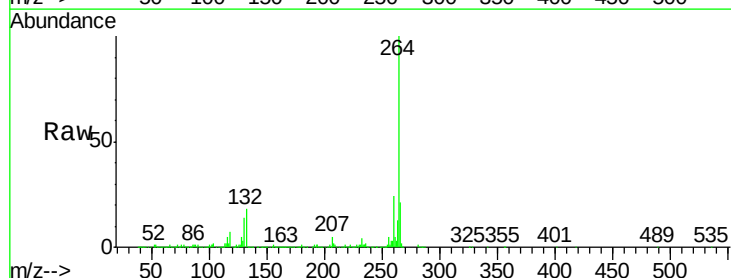
Tgt Ion:264 Resp: 556387

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.5	18.5	27.7

264 100

260 24.0 19.5 29.3

265 21.5 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

300000

200000

100000

0

23.50 23.60 23.70

Time-->

