

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016551.D
 Acq On : 20 Apr 2015 15:12
 Operator : TP/IZ
 Sample : PB82873BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82873BL

Quant Time: Apr 21 01:50:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 01:34:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	64851	20.00	ng	0.01
21) Naphthalene-d8	10.44	136	273232	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	161846	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	354255	20.00	ng	0.00
75) Chrysene-d12	21.21	240	322678	20.00	ng	0.00
86) Perylene-d12	23.44	264	303052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	517959	126.05	ng	0.01
7) Phenol-d6	6.84	99	706590	114.55	ng	0.01
23) Nitrobenzene-d5	8.81	82	356611	75.61	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	146011	133.40	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	795478	83.68	ng	0.00
78) Terphenyl-d14	19.66	244	1001850	72.67	ng	0.00

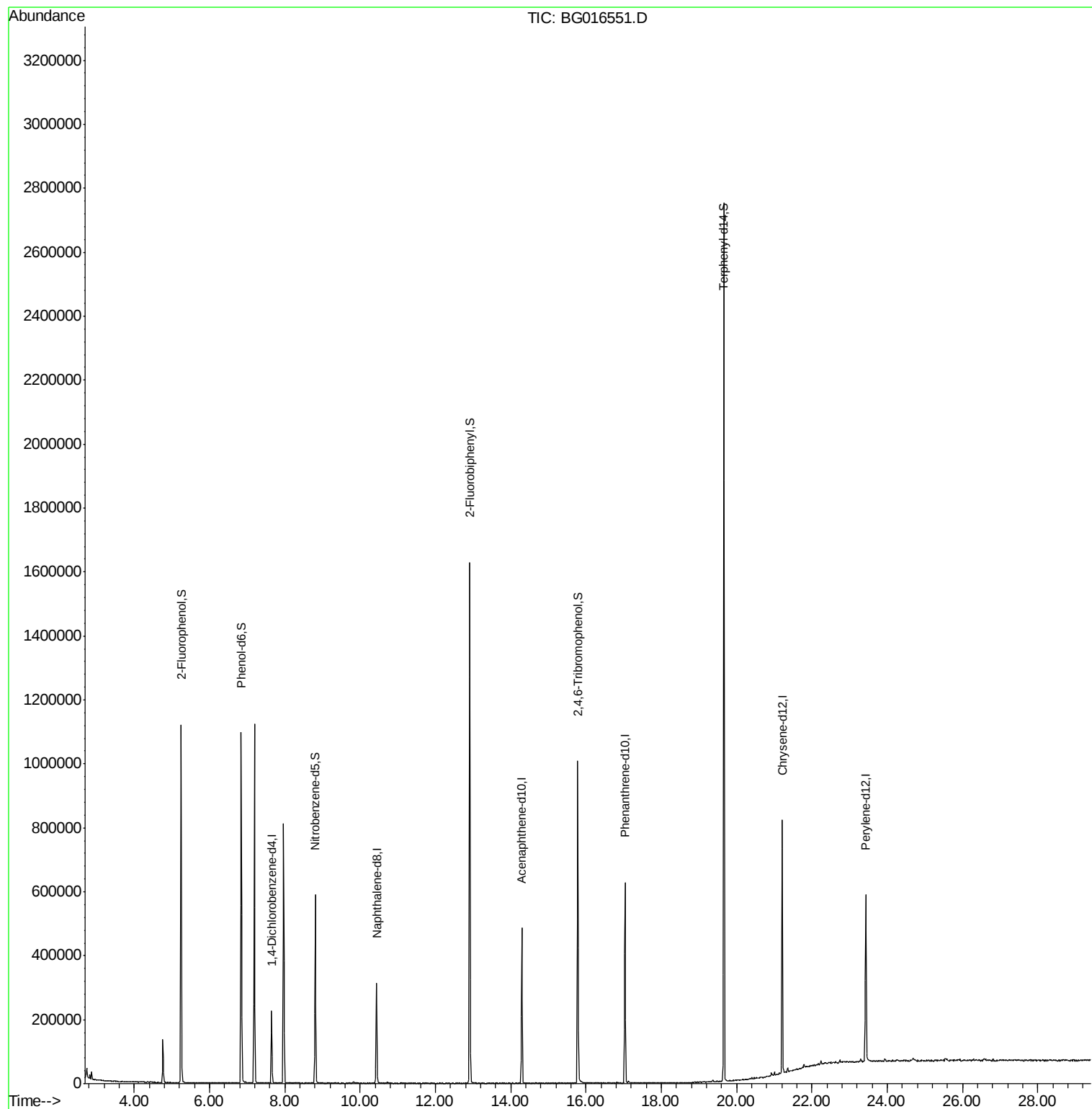
Target Compounds Qvalue

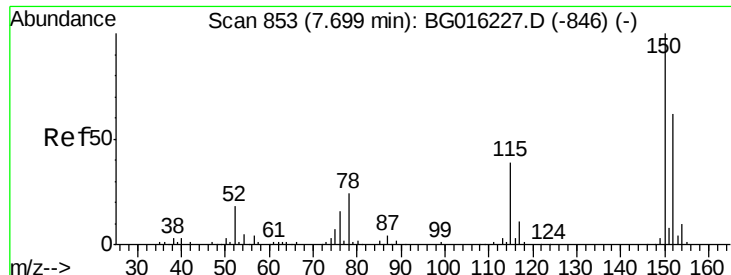
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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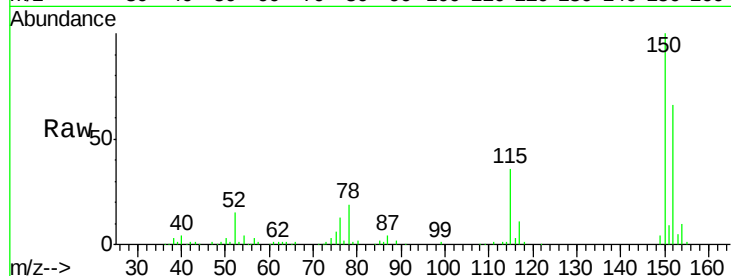


#1

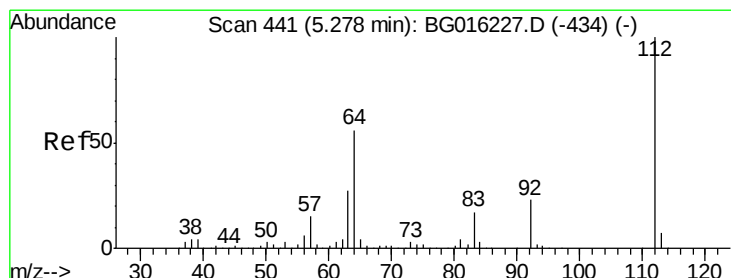
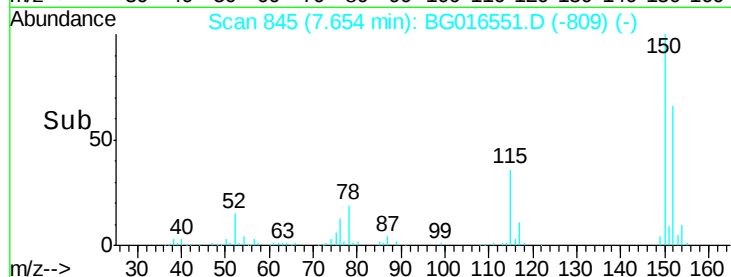
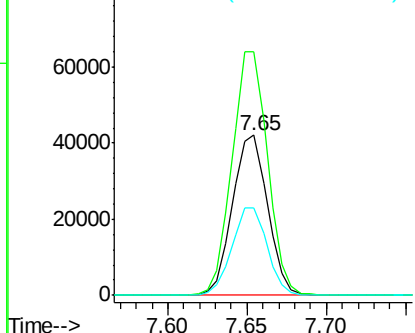
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG016551.D
Acq: 20 Apr 2015 15:12

Instrument :
BNA_G
ClientSampleId :
PB82873BL

Tot Ion:152 Resp: 64851
Ion Ratio Lower Upper
152 100
150 151.7 130.1 195.1
115 54.9 50.5 75.7



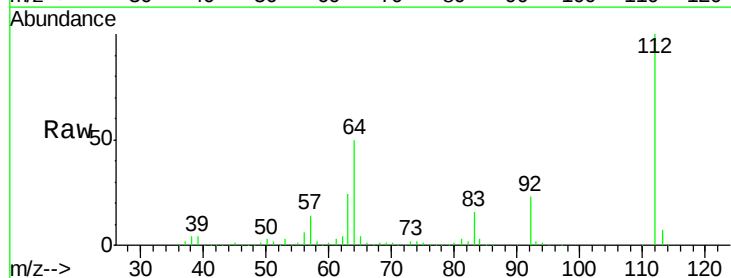
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



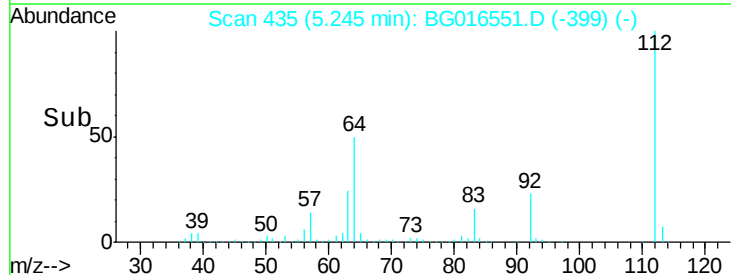
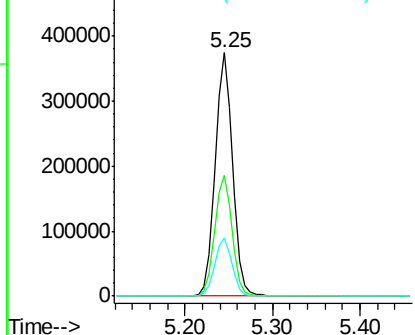
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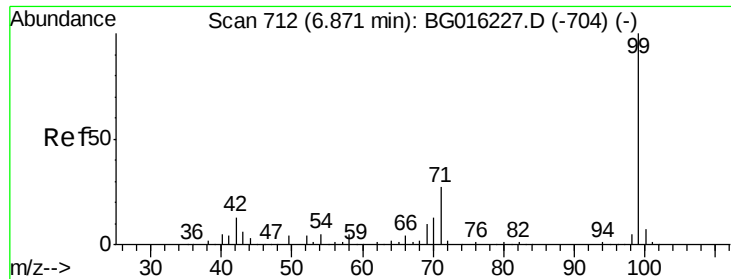
2-Fluorophenol
Concen: 126.05 ng
RT: 5.25 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG016551.D
Acq: 20 Apr 2015 15:12

Tgt Ion:112 Resp: 517959
Ion Ratio Lower Upper
112 100
64 49.7 44.5 66.7
63 23.7 21.4 32.0



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





#7

Phenol-d6

Concen: 114.55 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG016551.D

Acq: 20 Apr 2015 15:12

Instrument :

BNA_G

ClientSampleId :

PB82873BL

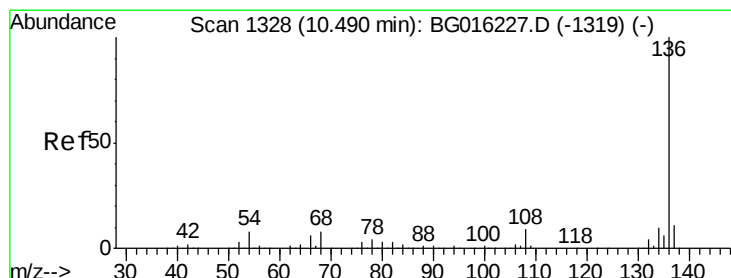
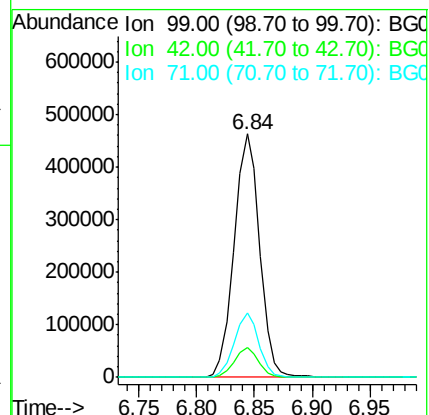
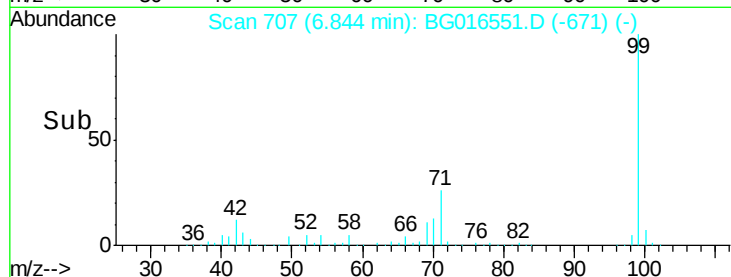
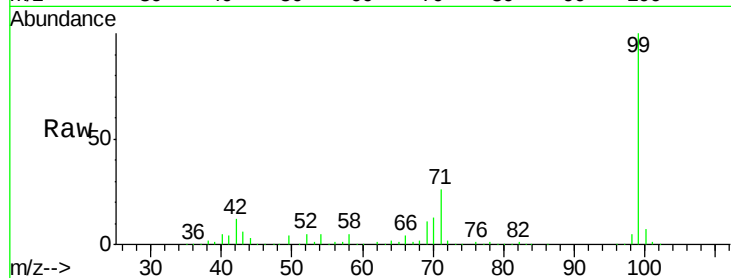
Tot Ion: 99 Resp: 706590

Ion Ratio Lower Upper

99 100

42 12.1 10.0 15.0

71 26.3 21.5 32.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.44 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BG016551.D

Acq: 20 Apr 2015 15:12

Tgt Ion: 136 Resp: 273232

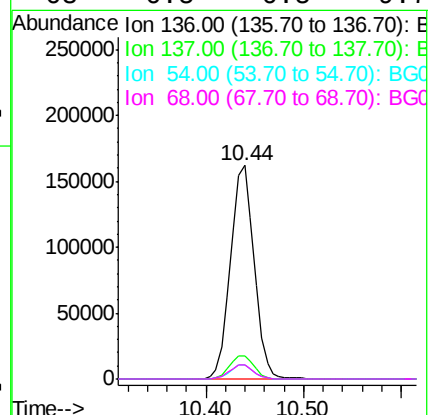
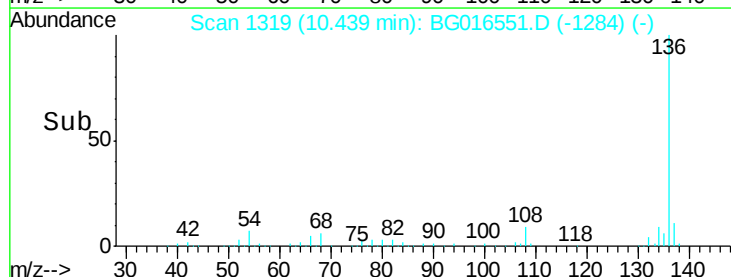
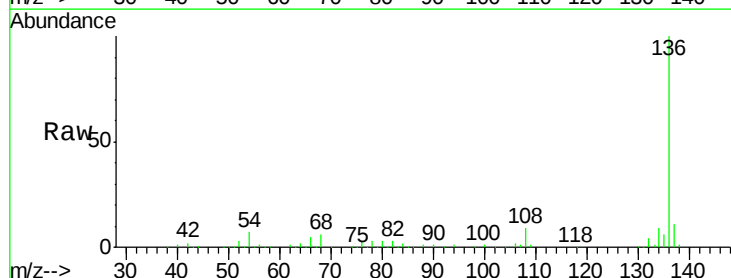
Ion Ratio Lower Upper

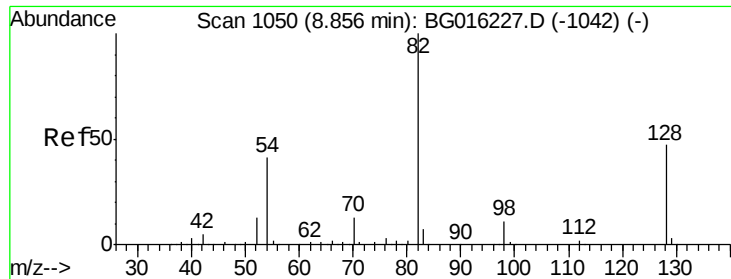
136 100

137 11.1 8.7 13.1

54 6.6 6.3 9.5

68 6.5 6.5 9.7#

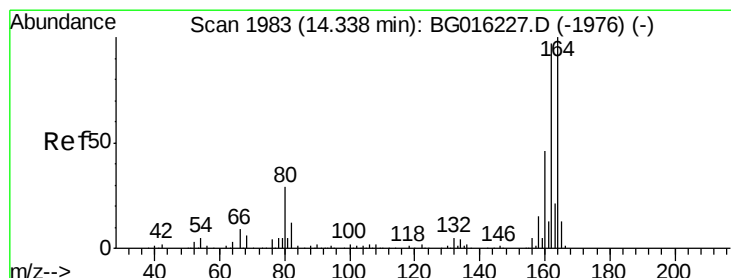
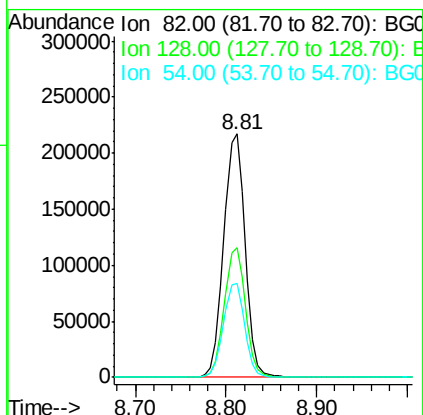
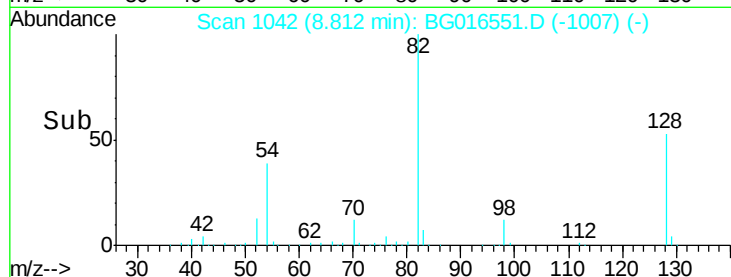
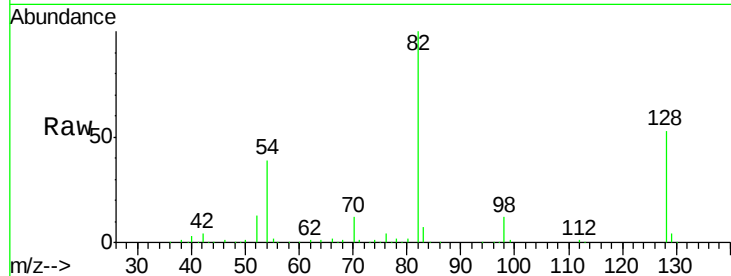




#23
 Nitrobenzene-d5
 Concen: 75.61 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BG016551.D
 Acq: 20 Apr 2015 15:12

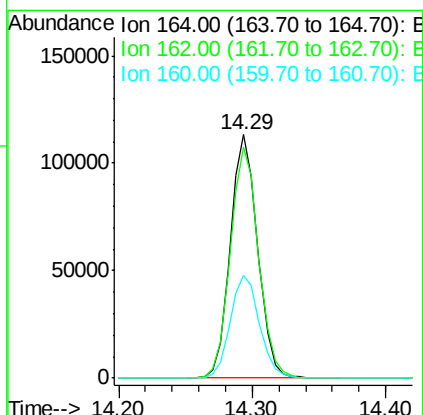
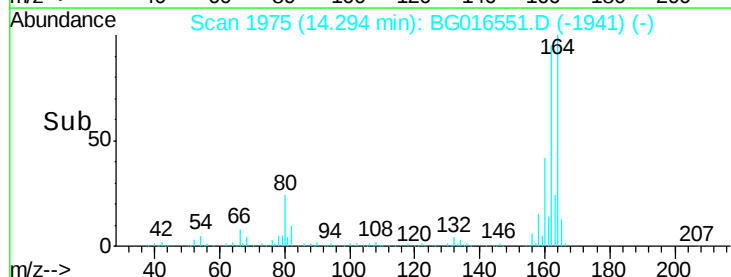
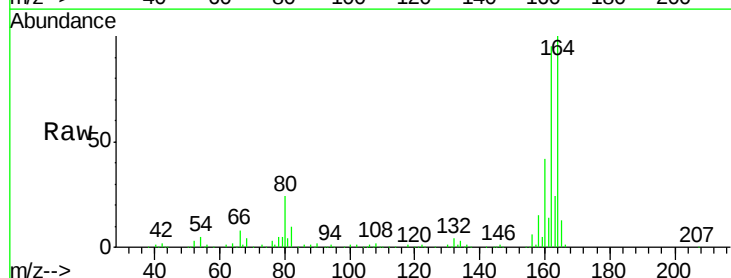
Instrument :
 BNA_G
 ClientSampleId :
 PB82873BL

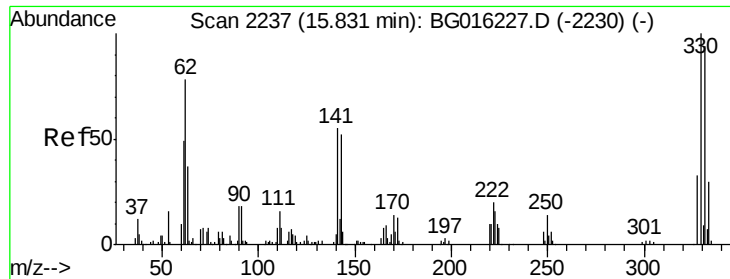
Tot Ion: 82 Resp: 356611
 Ion Ratio Lower Upper
 82 100
 128 53.4 37.8 56.8
 54 38.8 32.6 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG016551.D
 Acq: 20 Apr 2015 15:12

Tgt Ion: 164 Resp: 161846
 Ion Ratio Lower Upper
 164 100
 162 94.7 77.3 115.9
 160 42.1 36.7 55.1

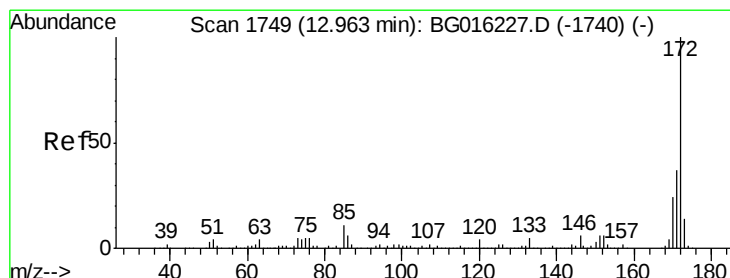
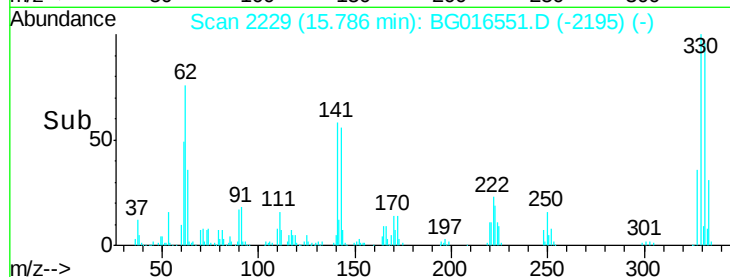
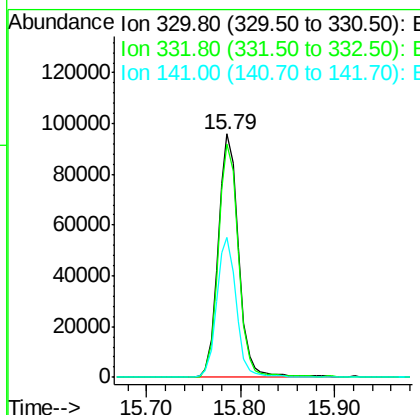
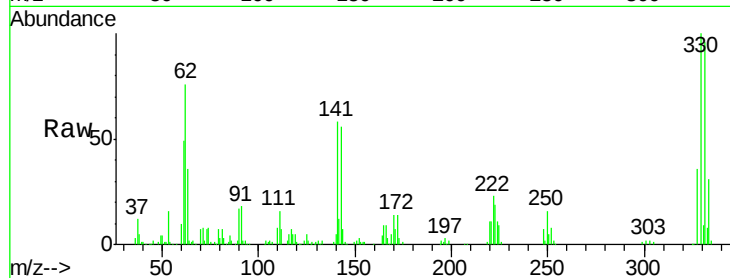




#41
 2,4,6-Tribromophenol
 Concen: 133.40 ng
 RT: 15.79 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG016551.D
 Acq: 20 Apr 2015 15:12

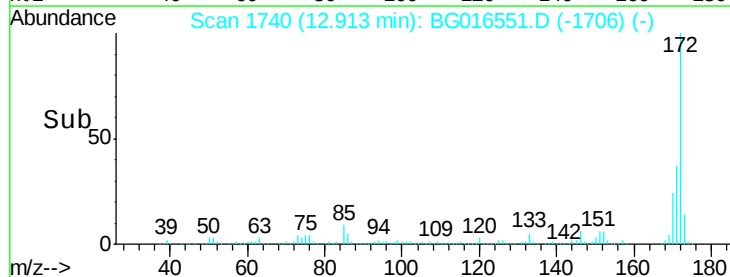
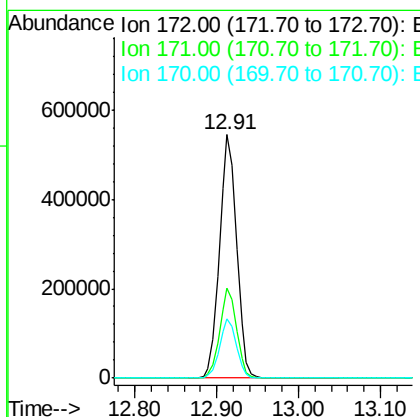
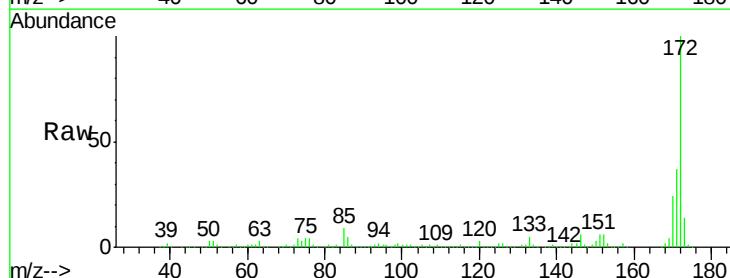
Instrument :
 BNA_G
 ClientSampleId :
 PB82873BL

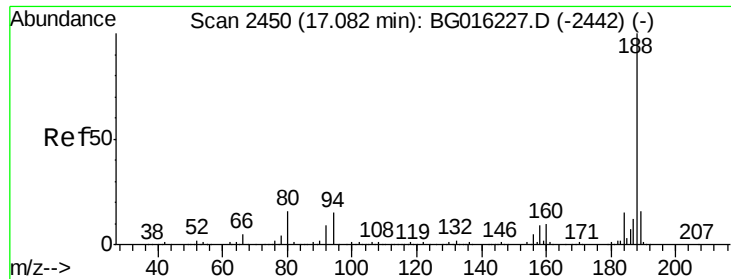
Tot Ion:330 Resp: 146011
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.8 113.6
 141 55.1 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 83.68 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG016551.D
 Acq: 20 Apr 2015 15:12

Tgt Ion:172 Resp: 795478
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.3 19.4 29.2

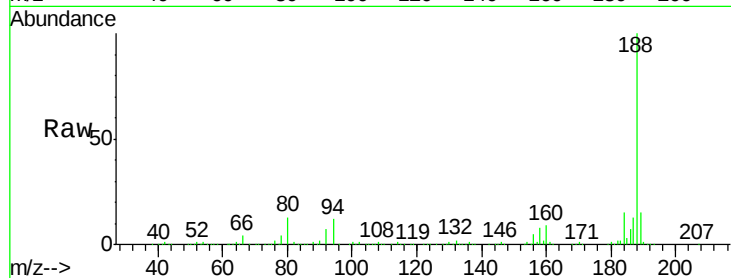




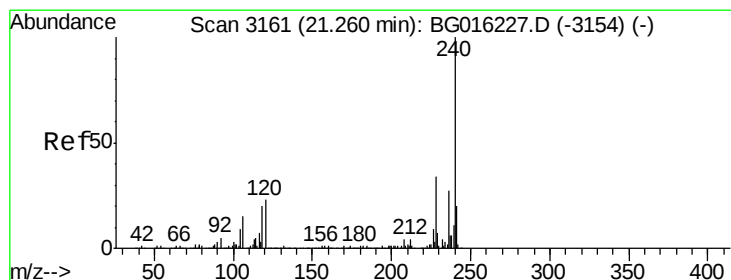
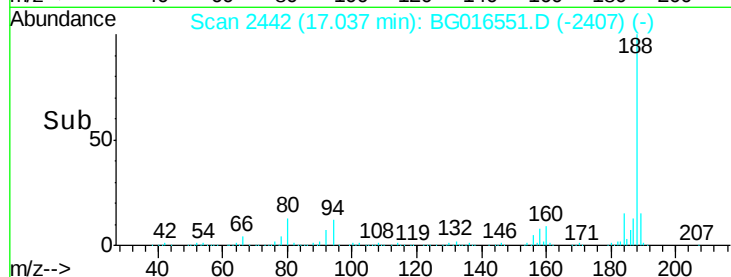
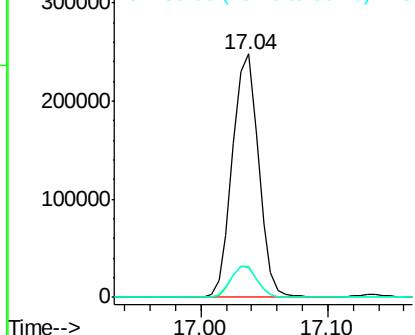
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. 0.01 min
Lab File: BG016551.D
Acq: 20 Apr 2015 15:12

Instrument :
BNA_G
ClientSampleId :
PB82873BL

Tot Ion:188 Resp: 354255
Ion Ratio Lower Upper
188 100
94 12.4 12.2 18.4
80 12.7 12.8 19.2#

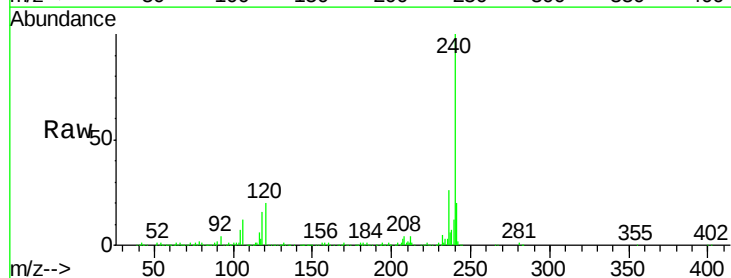


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

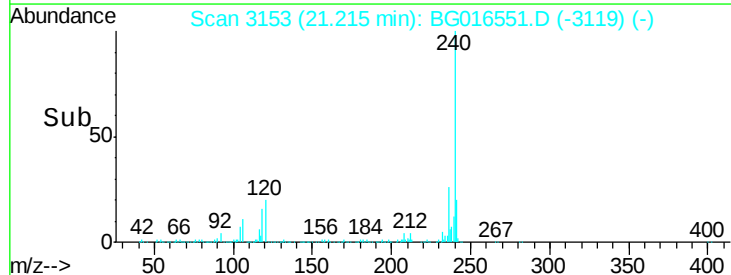
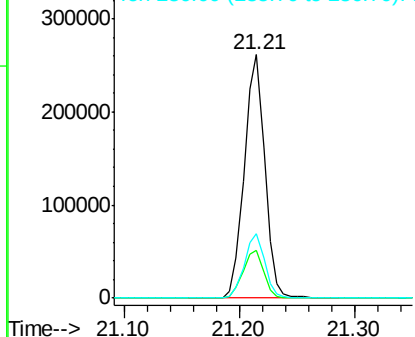


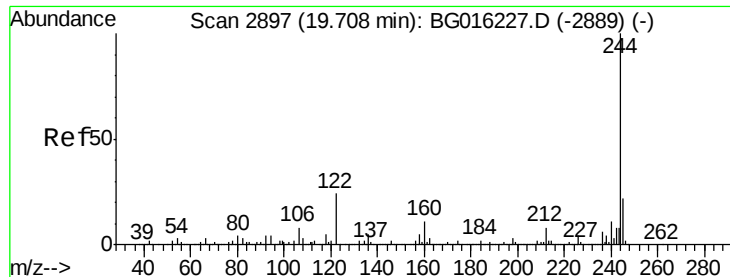
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG016551.D
Acq: 20 Apr 2015 15:12

Tgt Ion:240 Resp: 322678
Ion Ratio Lower Upper
240 100
120 19.8 18.6 28.0
236 26.3 21.7 32.5



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: 72.67 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG016551.D

Acq: 20 Apr 2015 15:12

Instrument :

BNA_G

ClientSampleId :

PB82873BL

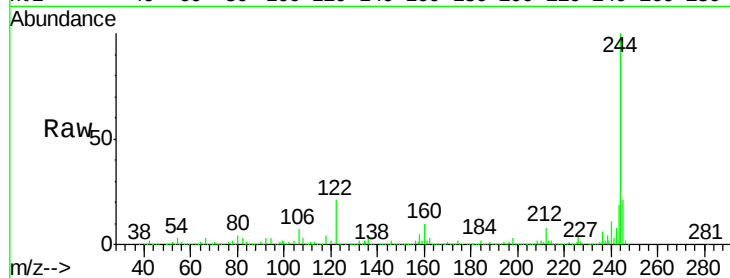
Tot Ion:244 Resp: 1001850

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

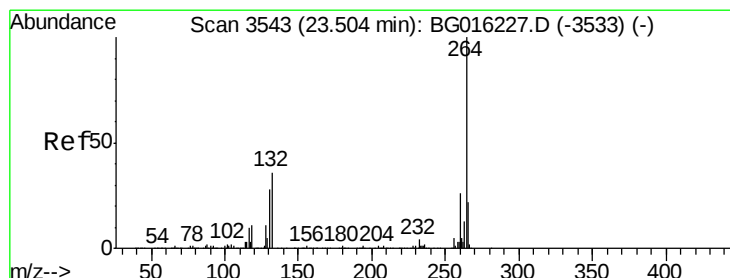
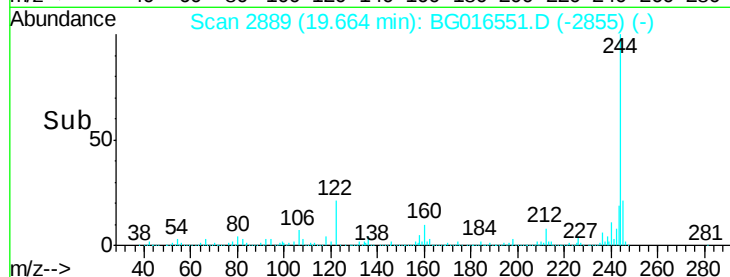
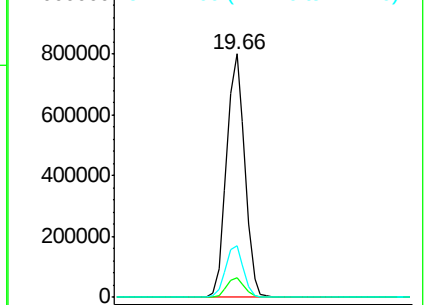
122 21.0 19.1 28.7



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: 23.44 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG016551.D

Acq: 20 Apr 2015 15:12

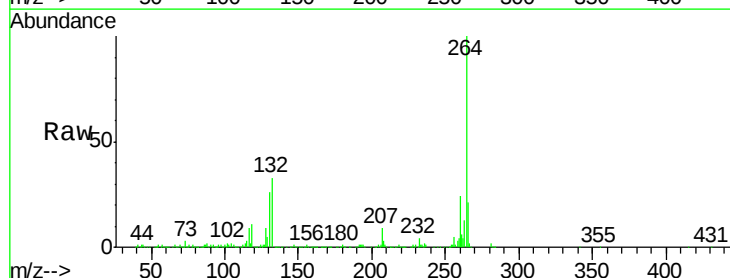
Tgt Ion:264 Resp: 303052

Ion Ratio Lower Upper

264 100

260 23.9 20.4 30.6

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

