

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040915\
 Data File : BG016307.D
 Acq On : 10 Apr 2015 2:37
 Operator : TP/IZ
 Sample : PB82581BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BL

Quant Time: Apr 10 03:54:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

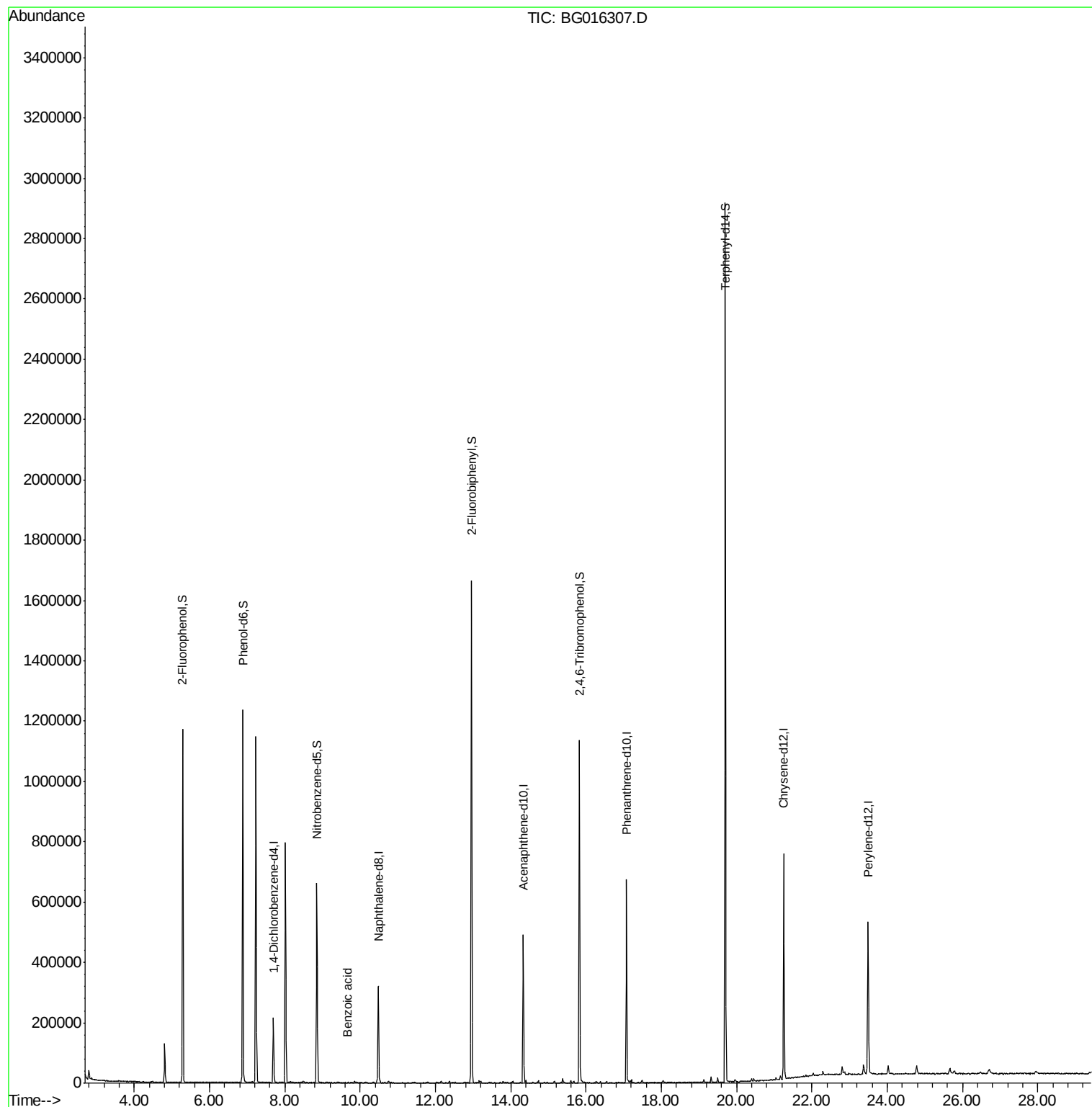
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	58969	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	269846	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	157955	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	350676	20.00	ng	0.00
75) Chrysene-d12	21.26	240	306196	20.00	ng	0.00
86) Perylene-d12	23.49	264	286687	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	540409	144.63	ng	0.00
7) Phenol-d6	6.88	99	778326	138.76	ng	0.01
23) Nitrobenzene-d5	8.85	82	381257	81.85	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	152851	143.09	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	809220	87.23	ng	0.00
78) Terphenyl-d14	19.70	244	1041441	79.60	ng	0.00
Target Compounds						
32) Benzoic acid	9.67	122	1416	9.14	ng	Qvalue # 9

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

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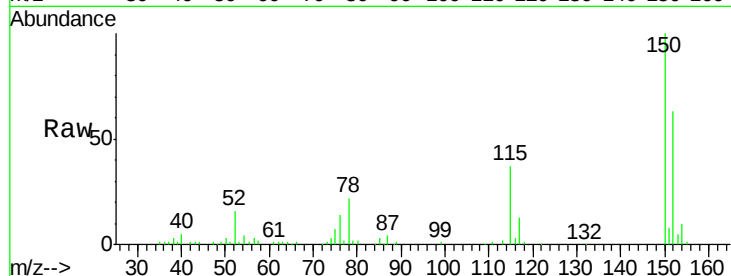


#1

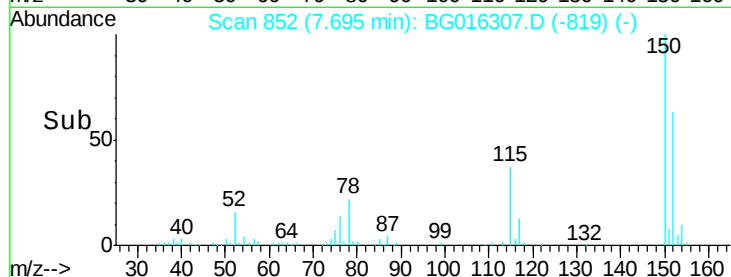
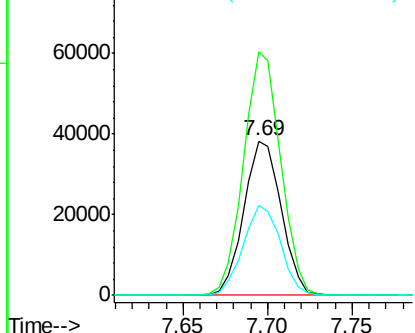
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG016307.D
Acq: 10 Apr 2015 2:37

Instrument :
BNA_G
ClientSampleId :
PB82581BL

Tgt Ion:152 Resp: 58969
Ion Ratio Lower Upper
152 100
150 158.0 130.1 195.1
115 58.4 50.5 75.7



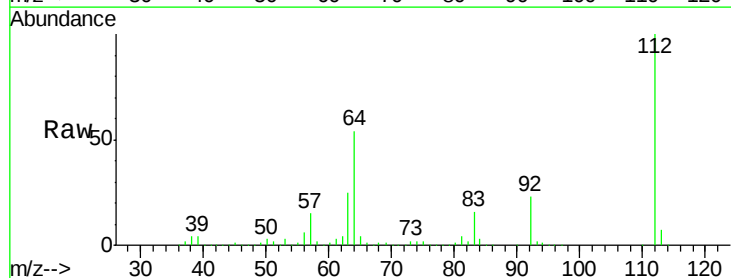
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



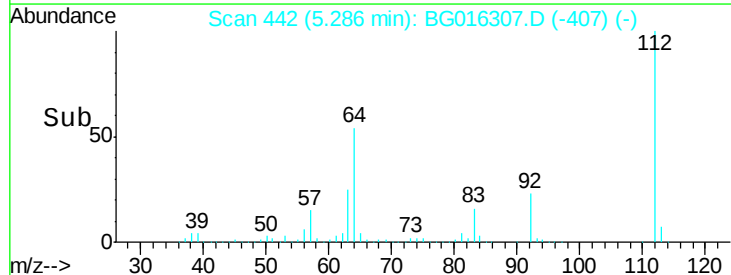
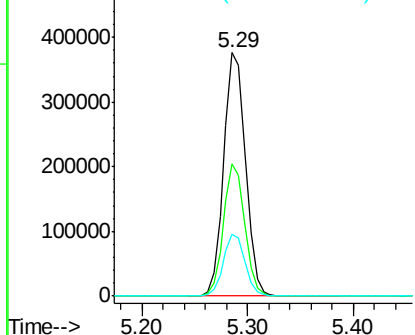
#5

2-Fluorophenol
Concen: 144.63 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG016307.D
Acq: 10 Apr 2015 2:37

Tgt Ion:112 Resp: 540409
Ion Ratio Lower Upper
112 100
64 54.4 44.5 66.7
63 25.5 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: 138.76 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016307.D

Acq: 10 Apr 2015 2:37

Instrument :

BNA_G

ClientSampleId :

PB82581BL

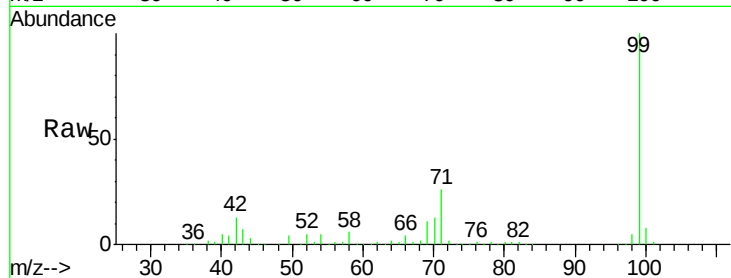
Tgt Ion: 99 Resp: 778326

Ion Ratio Lower Upper

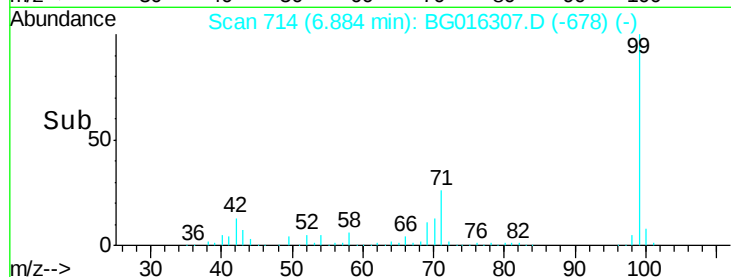
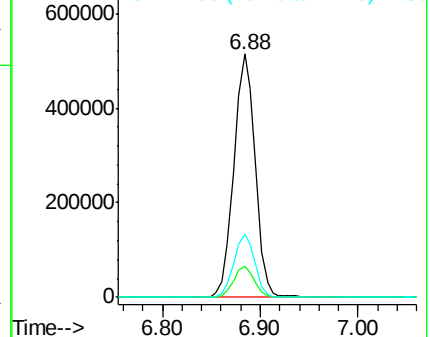
99 100

42 12.6 10.0 15.0

71 26.1 21.5 32.3



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: 10.48 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BG016307.D

Acq: 10 Apr 2015 2:37

Tgt Ion: 136 Resp: 269846

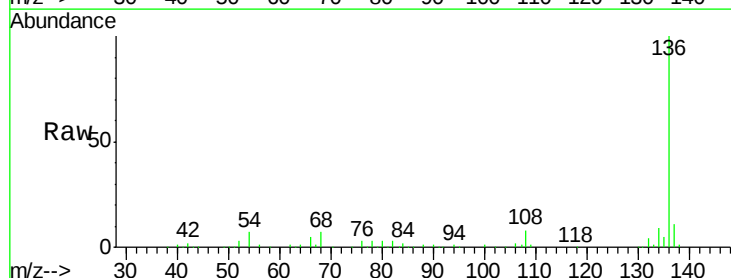
Ion Ratio Lower Upper

136 100

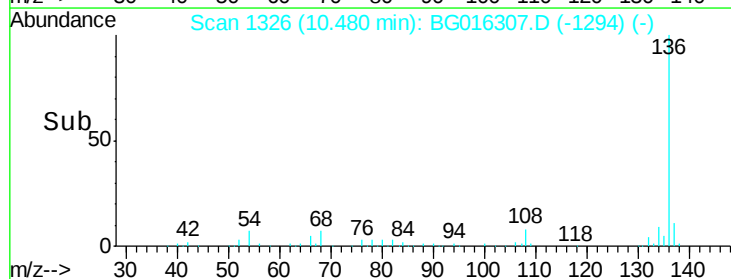
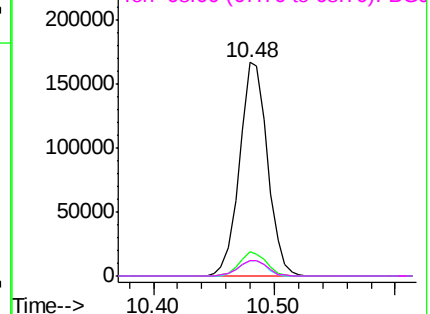
137 11.4 8.7 13.1

54 7.0 6.3 9.5

68 7.2 6.5 9.7



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

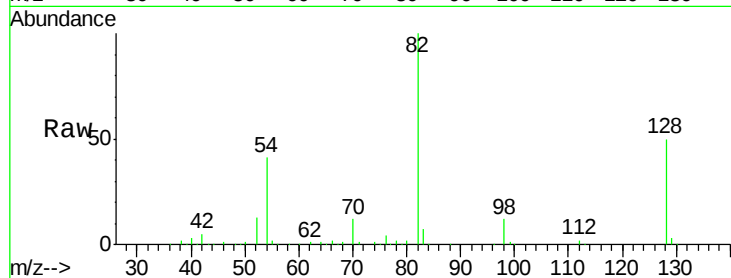




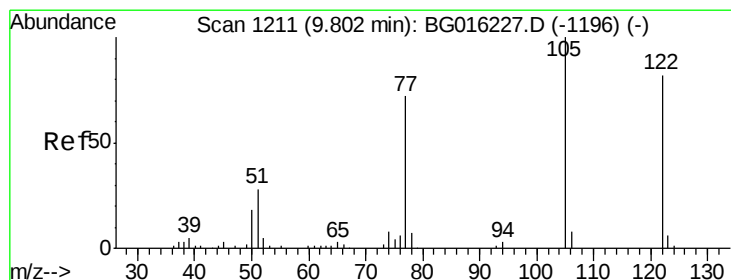
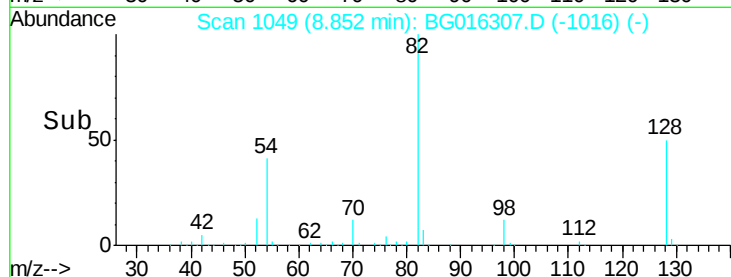
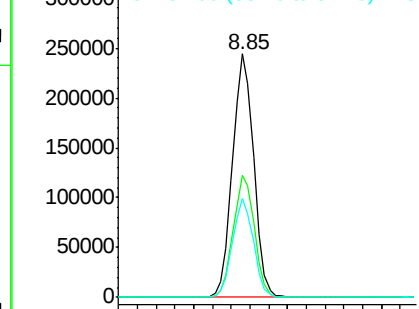
#23
Nitrobenzene-d5
Concen: 81.85 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG016307.D
Acq: 10 Apr 2015 2:37

Instrument :
BNA_G
ClientSampleId :
PB82581BL

Tgt Ion: 82 Resp: 381257
Ion Ratio Lower Upper
82 100
128 49.9 37.8 56.8
54 40.5 32.6 49.0

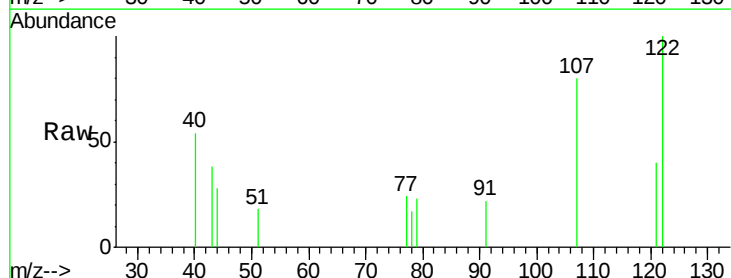


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

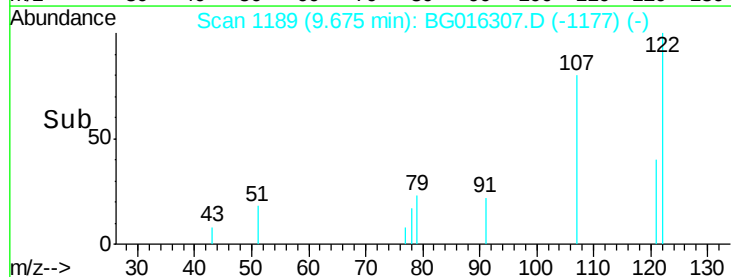
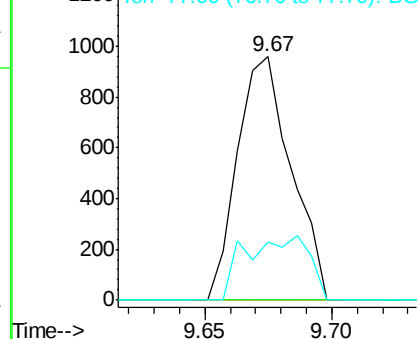


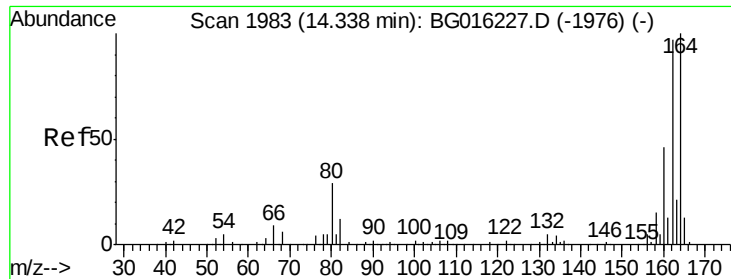
#32
Benzoic acid
Concen: 9.14 ng
RT: 9.67 min Scan# 1189
Delta R.T. -0.13 min
Lab File: BG016307.D
Acq: 10 Apr 2015 2:37

Tgt Ion: 122 Resp: 1416
Ion Ratio Lower Upper
122 100
105 0.0 99.7 139.7#
77 24.0 66.8 106.8#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG016307.D

Acq: 10 Apr 2015 2:37

Instrument :

BNA_G

ClientSampleId :

PB82581BL

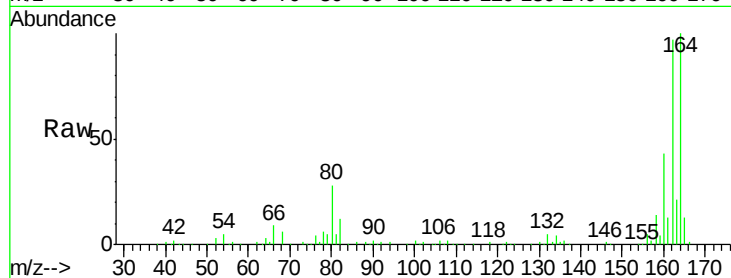
Tgt Ion:164 Resp: 157955

Ion Ratio Lower Upper

164 100

162 96.5 77.3 115.9

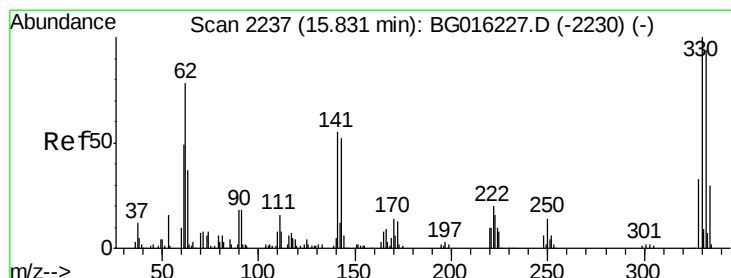
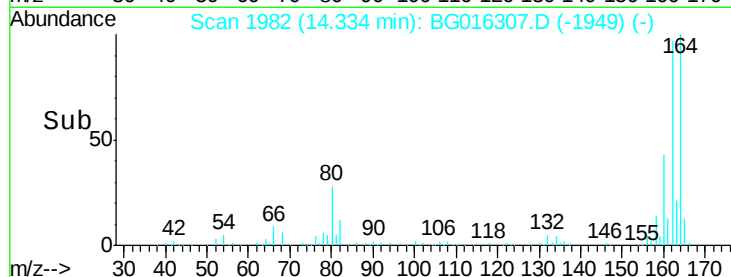
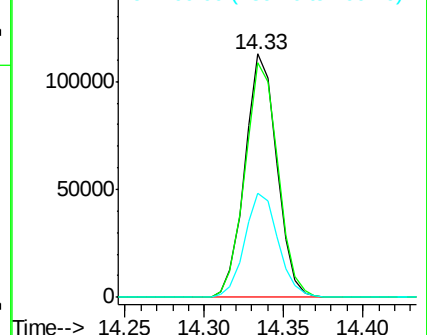
160 43.0 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 143.09 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG016307.D

Acq: 10 Apr 2015 2:37

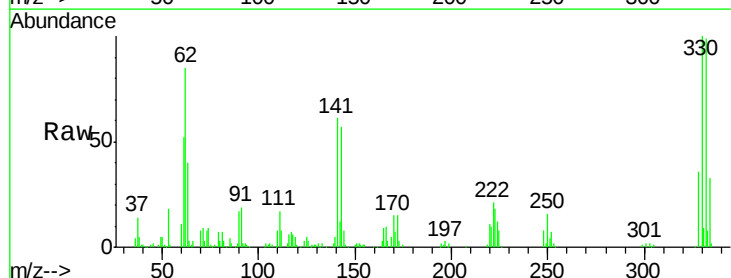
Tgt Ion:330 Resp: 152851

Ion Ratio Lower Upper

330 100

332 95.6 75.8 113.6

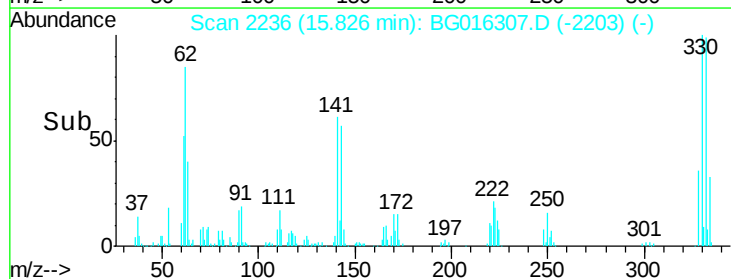
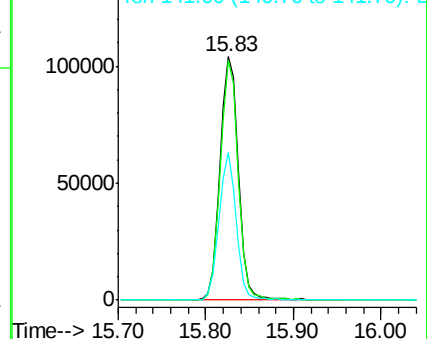
141 56.7 46.6 69.8

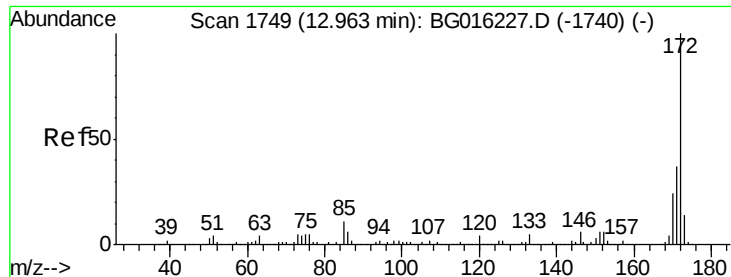


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

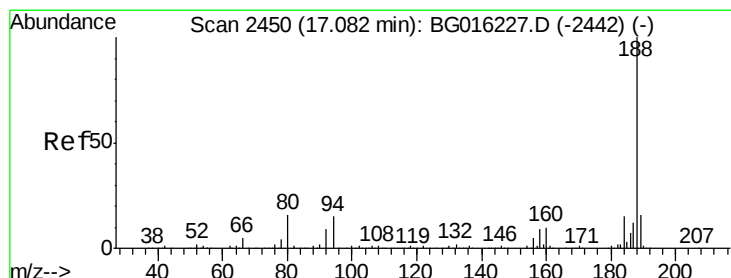
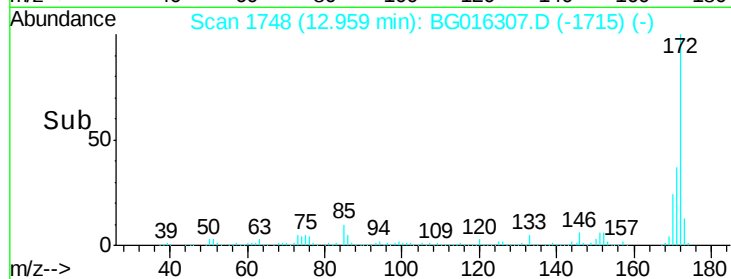
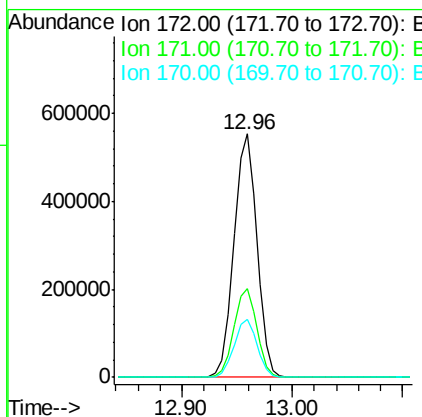
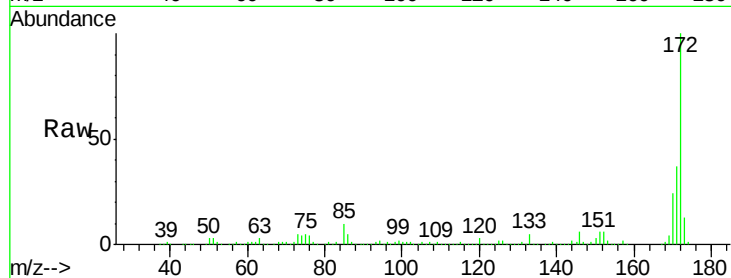




#44
 2-Fluorobiphenyl
 Concen: 87.23 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016307.D
 Acq: 10 Apr 2015 2:37

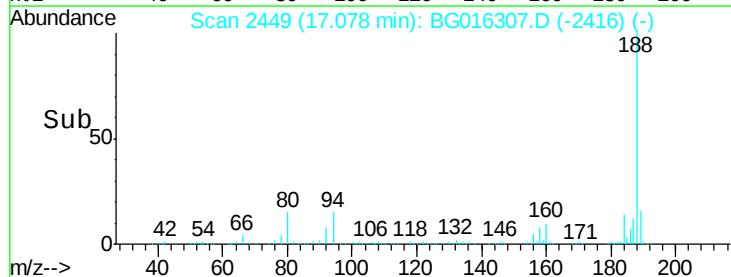
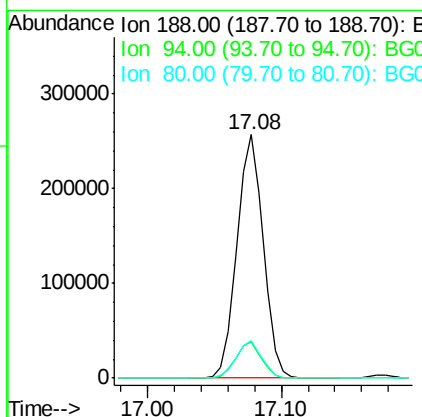
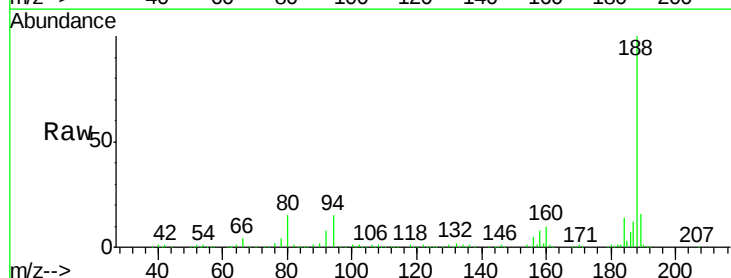
Instrument :
 BNA_G
 ClientSampleId :
 PB82581BL

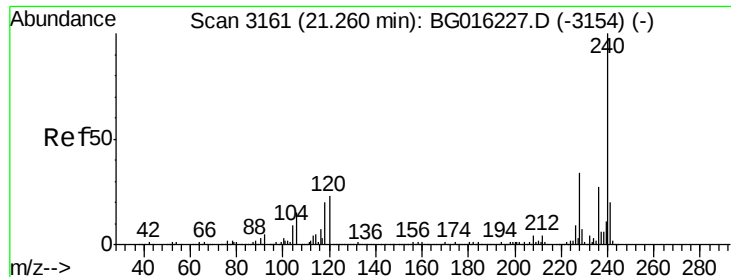
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.0	19.4	29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG016307.D
 Acq: 10 Apr 2015 2:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.9	12.2	18.4
80	15.2	12.8	19.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016307.D

Acq: 10 Apr 2015 2:37

Instrument :

BNA_G

ClientSampleId :

PB82581BL

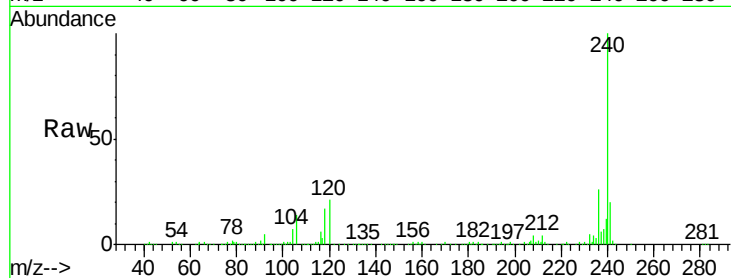
Tgt Ion:240 Resp: 306196

Ion Ratio Lower Upper

240 100

120 21.1 18.6 28.0

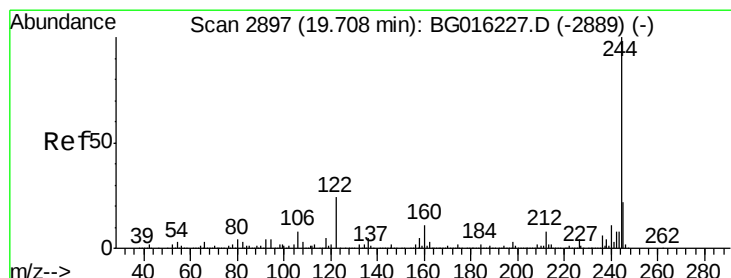
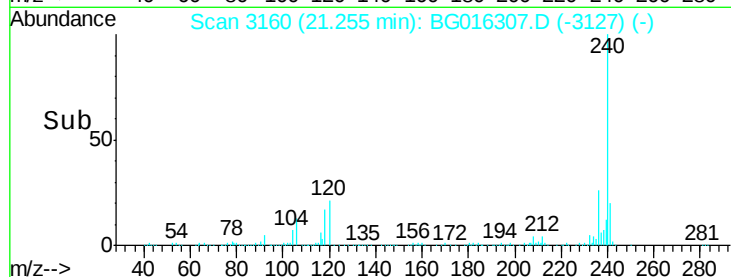
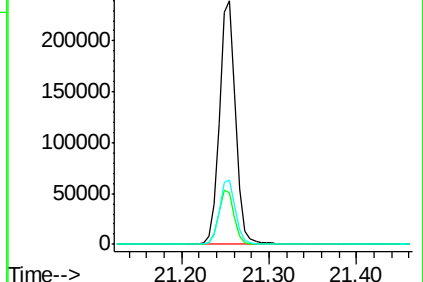
236 26.5 21.7 32.5



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: 79.60 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG016307.D

Acq: 10 Apr 2015 2:37

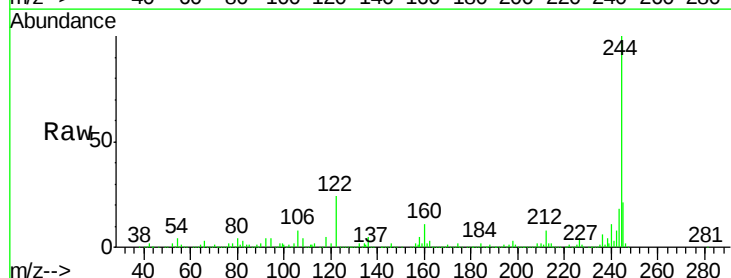
Tgt Ion:244 Resp: 1041441

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

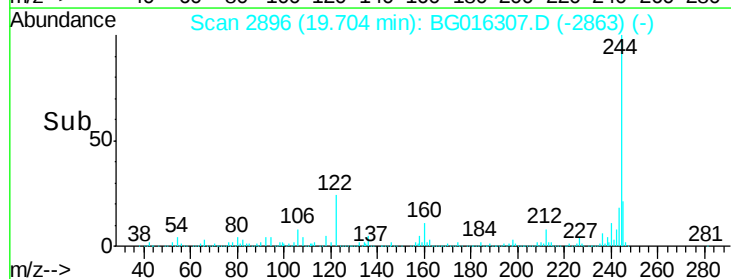
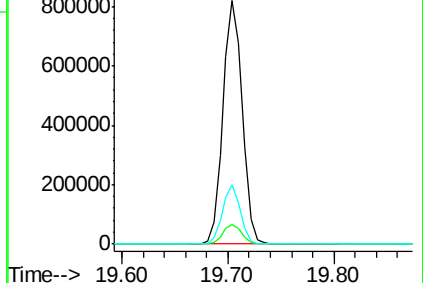
122 24.4 19.1 28.7

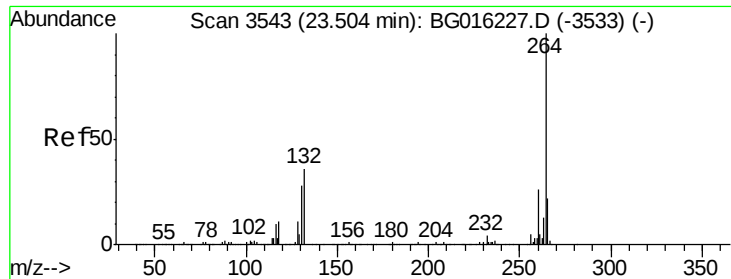


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.49 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG016307.D
Acq: 10 Apr 2015 2:37

Instrument :
BNA_G
ClientSampleId :
PB82581BL

Tgt Ion: 264 Resp: 286687
Ion Ratio Lower Upper
264 100
260 24.1 20.4 30.6
265 21.3 17.2 25.8

