

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042016\
 Data File : BG021771.D
 Acq On : 20 Apr 2016 1:36
 Operator : UM/SJ
 Sample : H2569-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LCF-B1

Quant Time: Apr 20 03:29:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

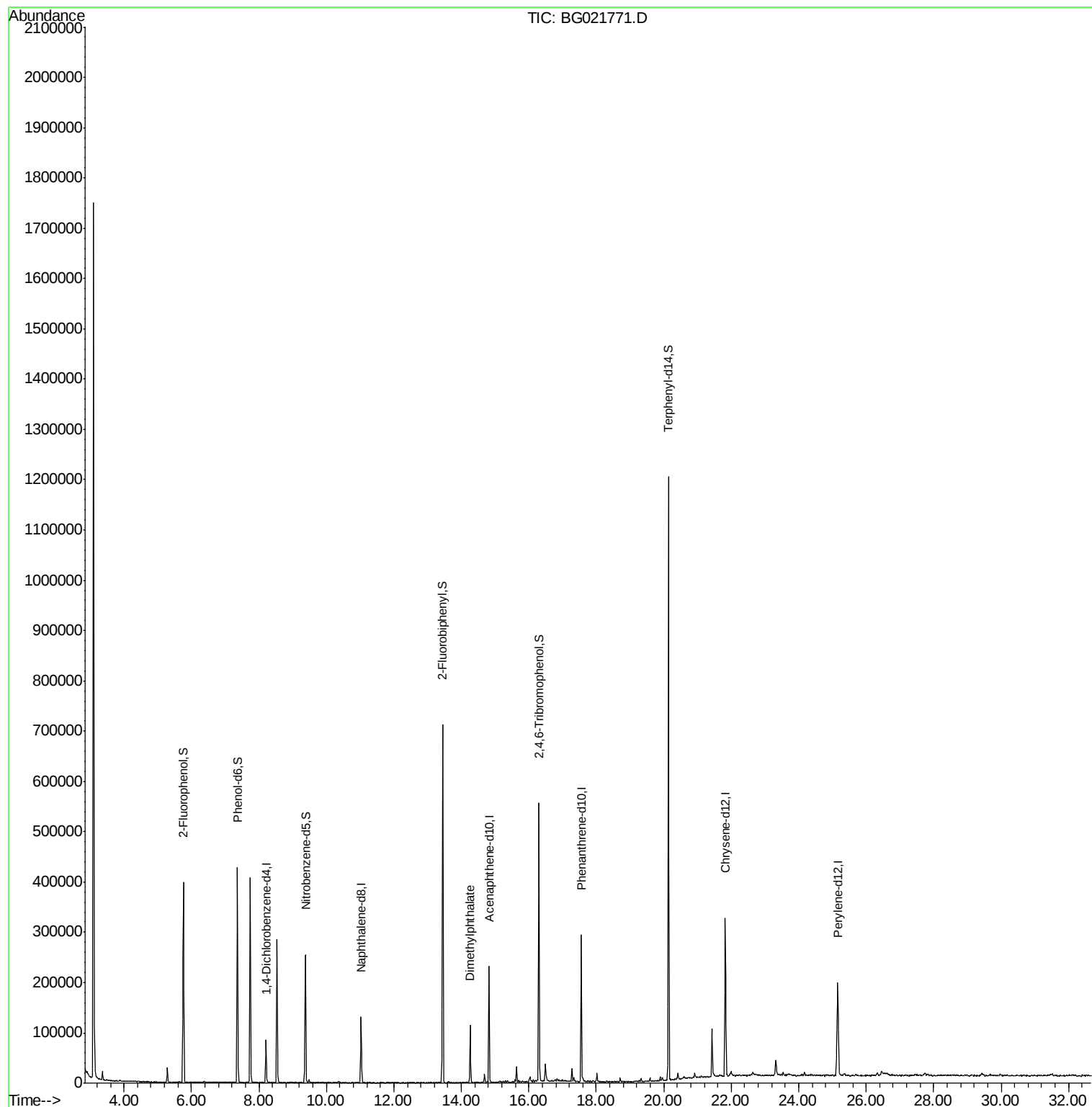
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	23860	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	116397	20.00	ng	-0.01
38) Acenaphthene-d10	14.82	164	79352	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	179875	20.00	ng	-0.01
75) Chrysene-d12	21.82	240	191547	20.00	ng	-0.01
86) Perylene-d12	25.16	264	188703	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	171512	119.70	ng	0.00
7) Phenol-d6	7.36	99	260216	121.58	ng	0.00
23) Nitrobenzene-d5	9.38	82	161428	71.28	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	104540	122.24	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	376367	69.49	ng	-0.01
78) Terphenyl-d14	20.14	244	499511	65.07	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.26	163	76474	11.15	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG021771.D

Acq: 20 Apr 2016 1:36

Instrument :

BNA_G

ClientSampleId :

LCF-B1

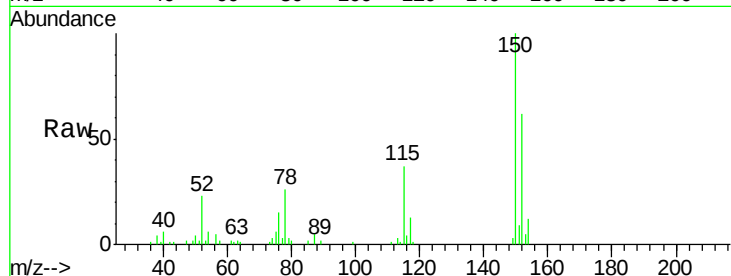
Tgt Ion:152 Resp: 23860

Ion Ratio Lower Upper

152 100

150 162.3 130.1 195.1

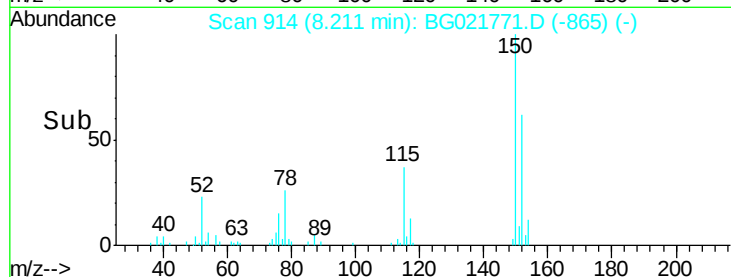
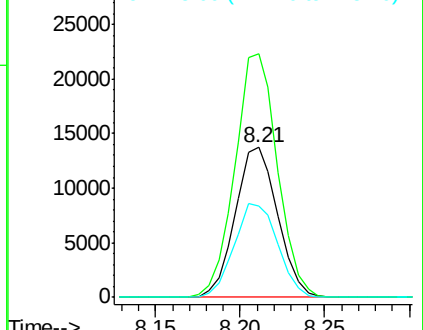
115 60.8 62.2 93.2#



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: 119.70 ng

RT: 5.76 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG021771.D

Acq: 20 Apr 2016 1:36

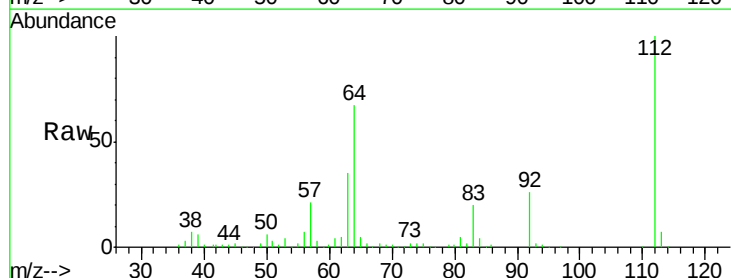
Tgt Ion:112 Resp: 171512

Ion Ratio Lower Upper

112 100

64 67.0 51.1 76.7

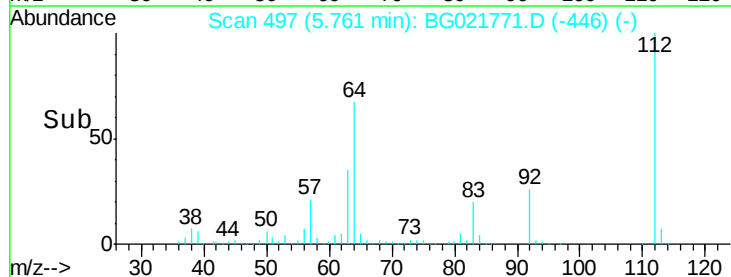
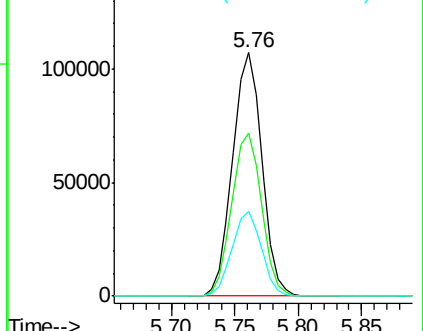
63 34.9 24.6 37.0

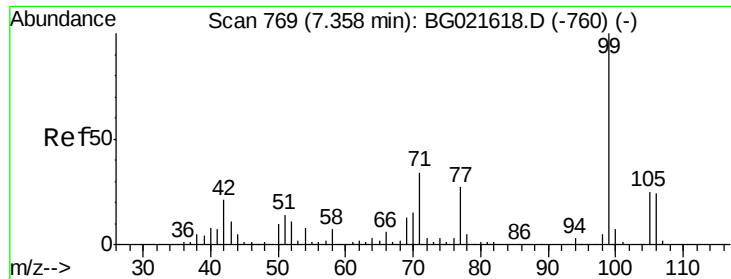


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.58 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG021771.D

Acq: 20 Apr 2016 1:36

Instrument :

BNA_G

ClientSampleId :

LCF-B1

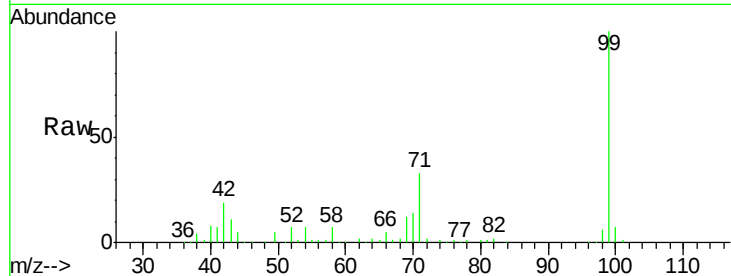
Tgt Ion: 99 Resp: 260216

Ion Ratio Lower Upper

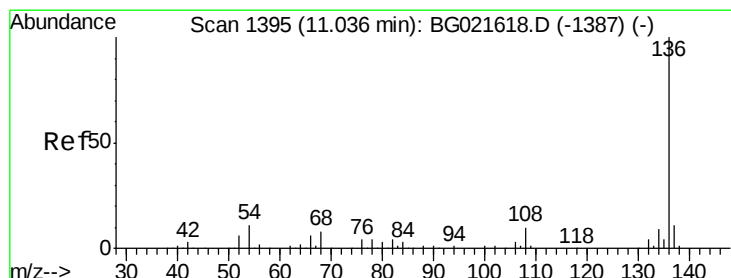
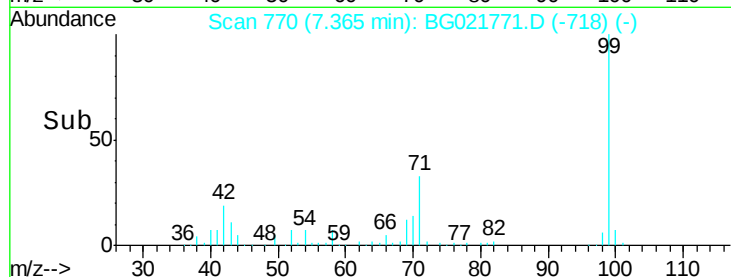
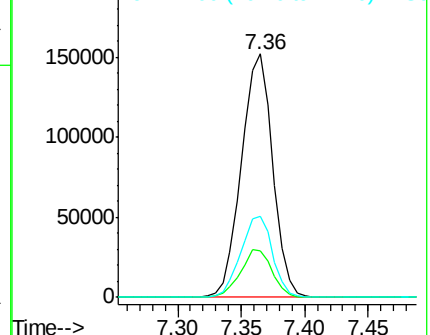
99 100

42 19.0 16.4 24.6

71 33.3 25.0 37.4



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: 11.03 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BG021771.D

Acq: 20 Apr 2016 1:36

Tgt Ion: 136 Resp: 116397

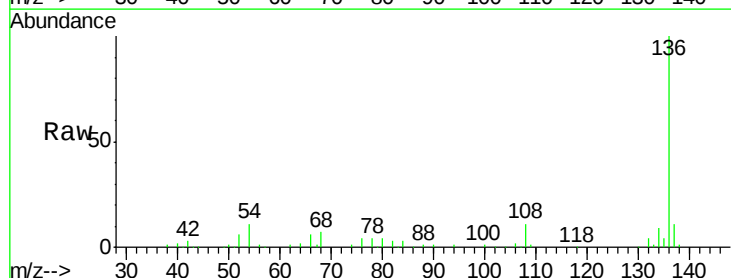
Ion Ratio Lower Upper

136 100

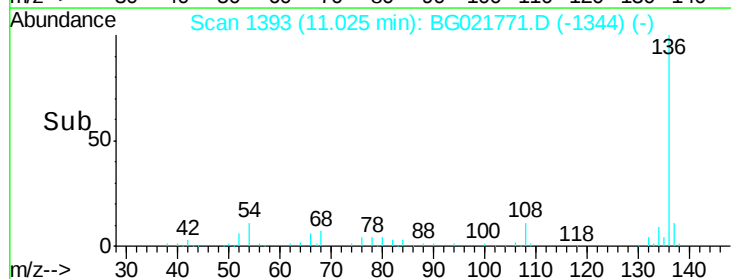
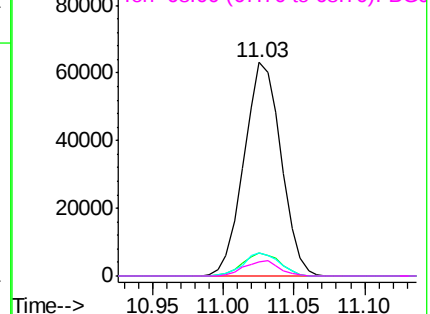
137 10.6 9.0 13.4

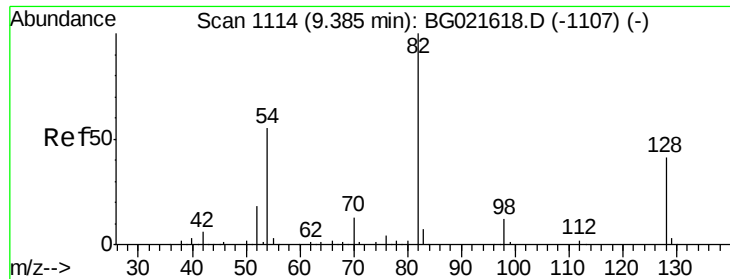
54 10.5 9.6 14.4

68 6.8 6.4 9.6



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

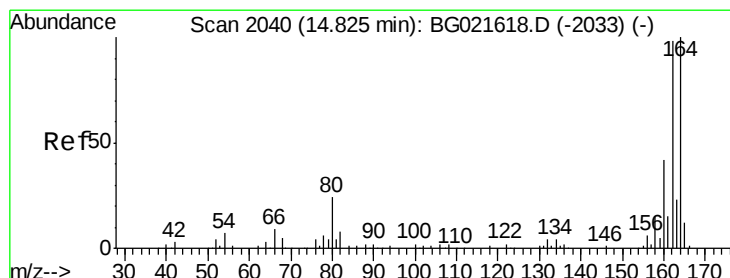
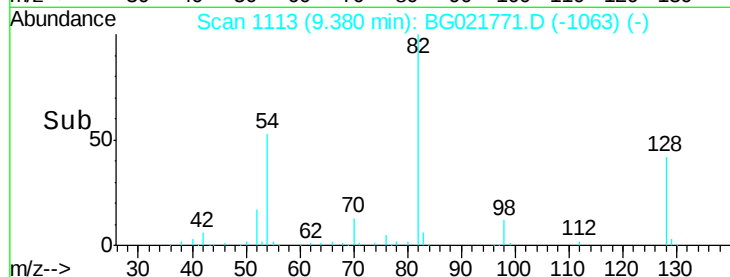
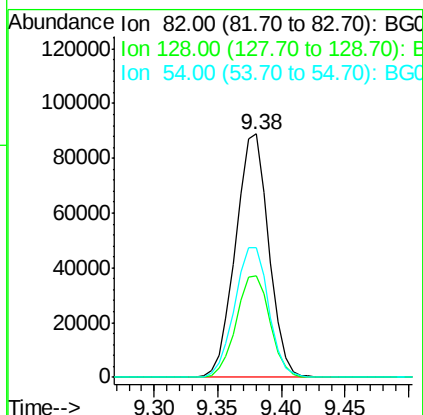
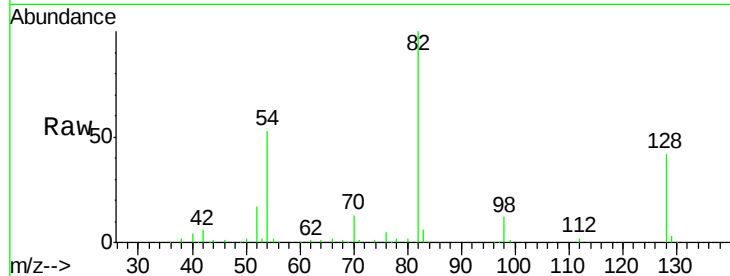




#23
 Nitrobenzene-d5
 Concen: 71.28 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG021771.D
 Acq: 20 Apr 2016 1:36

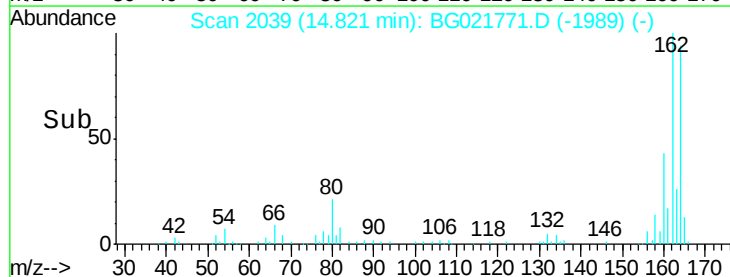
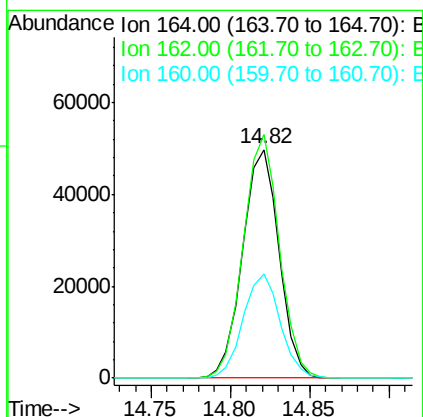
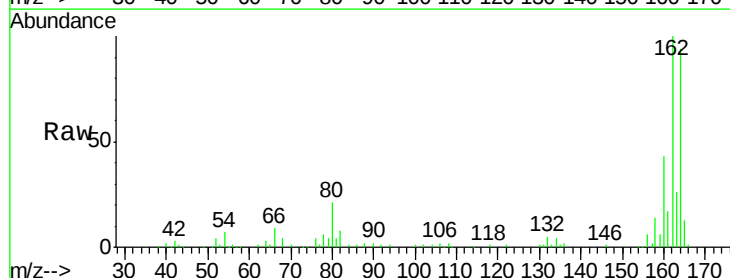
Instrument :
 BNA_G
 ClientSampled :
 LCF-B1

Tgt Ion: 82 Resp: 161428
 Ion Ratio Lower Upper
 82 100
 128 41.9 33.4 50.0
 54 53.4 46.1 69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BG021771.D
 Acq: 20 Apr 2016 1:36

Tgt Ion: 164 Resp: 79352
 Ion Ratio Lower Upper
 164 100
 162 106.6 78.0 117.0
 160 45.7 32.9 49.3

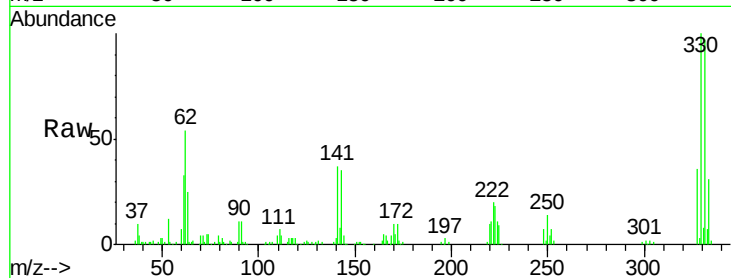




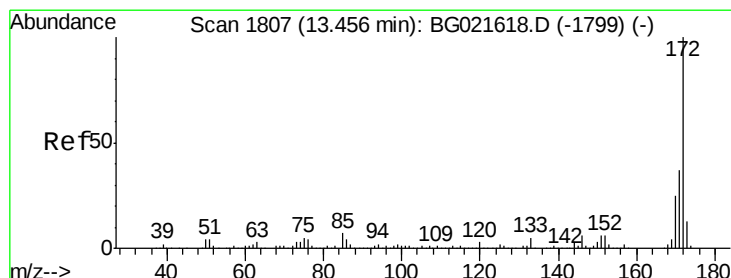
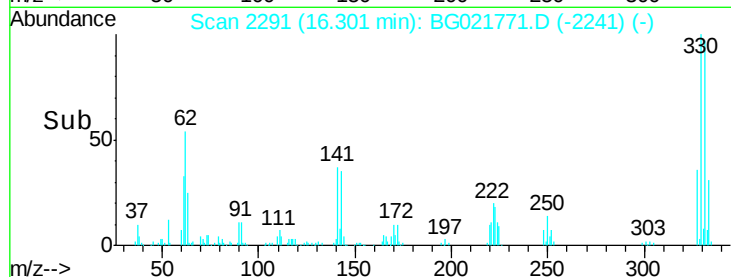
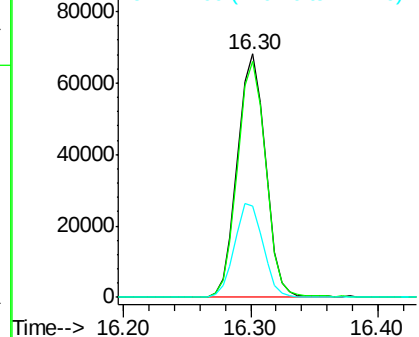
#41
 2,4,6-Tribromophenol
 Concen: 122.24 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG021771.D
 Acq: 20 Apr 2016 1:36

Instrument :
 BNA_G
 ClientSampled :
 LCF-B1

Tgt Ion:330 Resp: 104540
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.0 117.0
 141 39.0 33.8 50.8

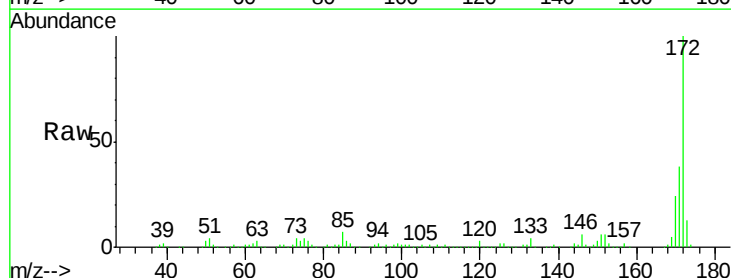


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

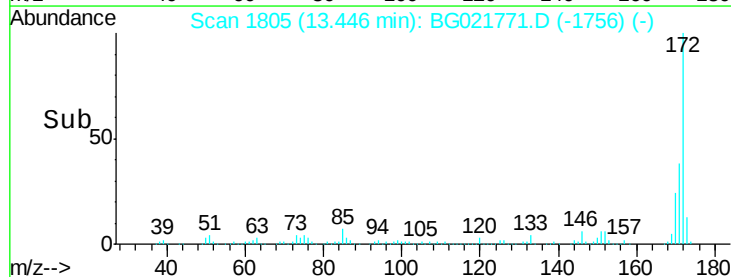
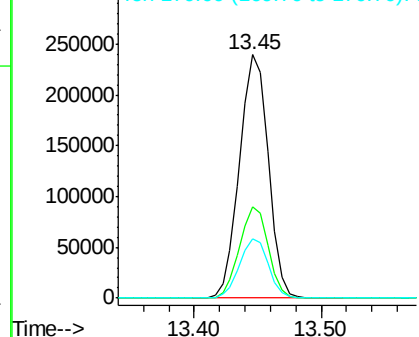


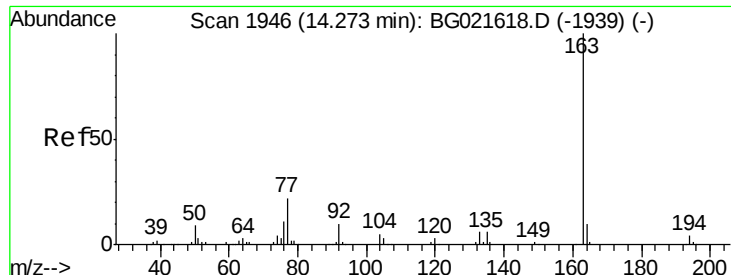
#44
 2-Fluorobiphenyl
 Concen: 69.49 ng
 RT: 13.45 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG021771.D
 Acq: 20 Apr 2016 1:36

Tgt Ion:172 Resp: 376367
 Ion Ratio Lower Upper
 172 100
 171 37.6 27.8 41.6
 170 24.2 19.6 29.4



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

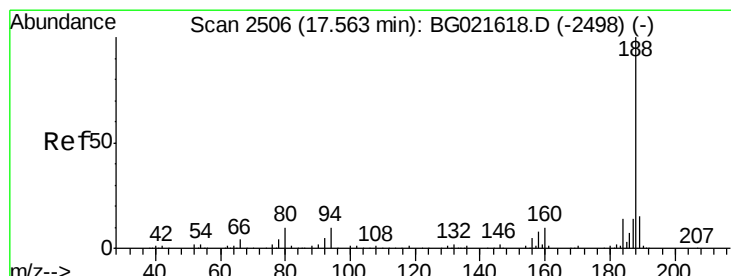
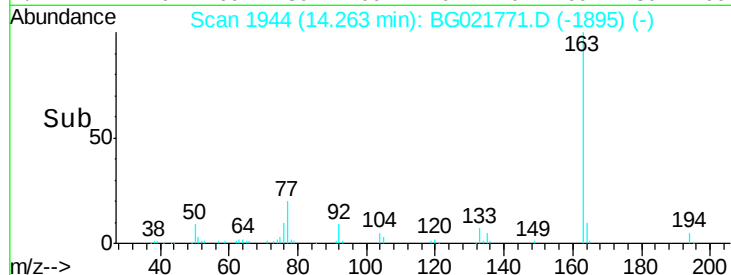
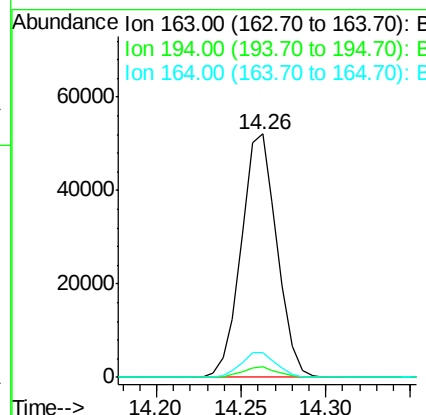
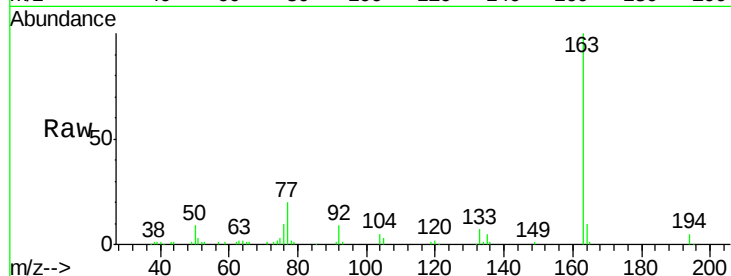




#49
Dimethylphthalate
Concen: 11.15 ng
RT: 14.26 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG021771.D
Acq: 20 Apr 2016 1:36

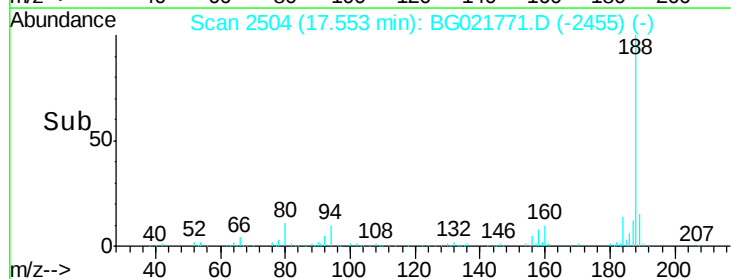
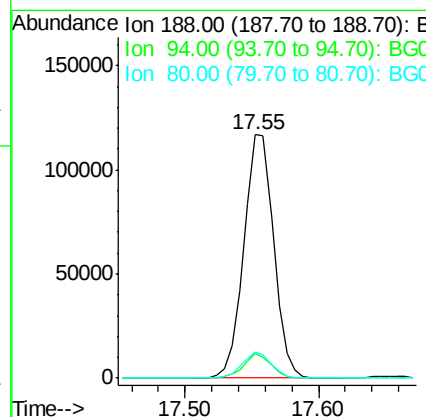
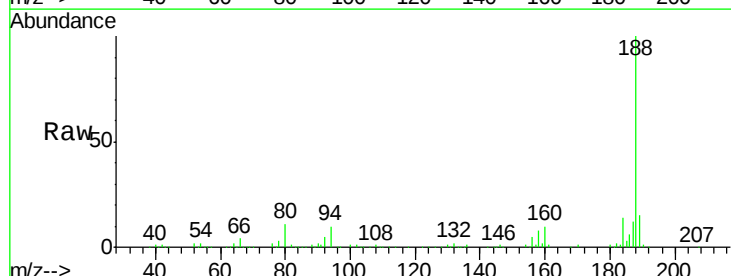
Instrument :
BNA_G
ClientSampleId :
LCF-B1

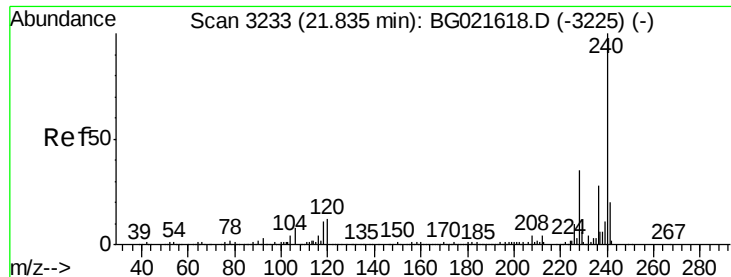
Tgt Ion:163 Resp: 76474
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6
164 10.2 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG021771.D
Acq: 20 Apr 2016 1:36

Tgt Ion:188 Resp: 179875
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 10.7 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BG021771.D

Acq: 20 Apr 2016 1:36

Instrument :

BNA_G

ClientSampleId :

LCF-B1

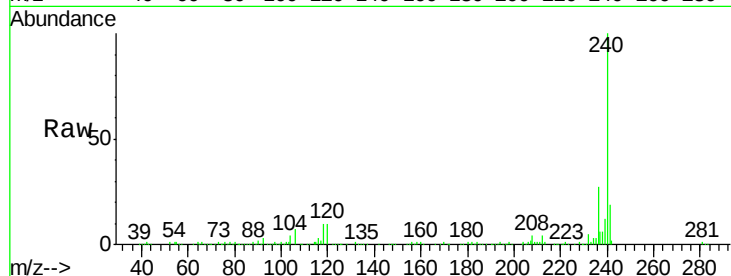
Tgt Ion:240 Resp: 191547

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

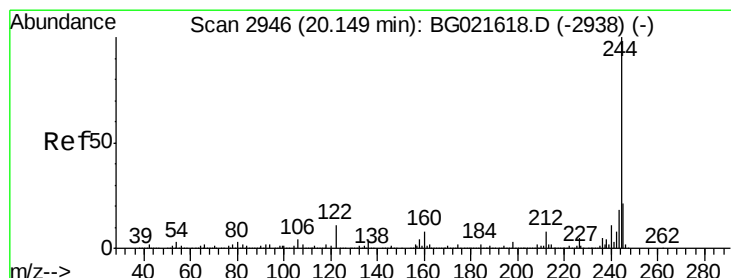
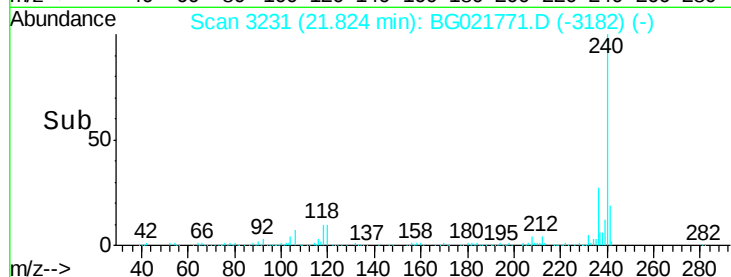
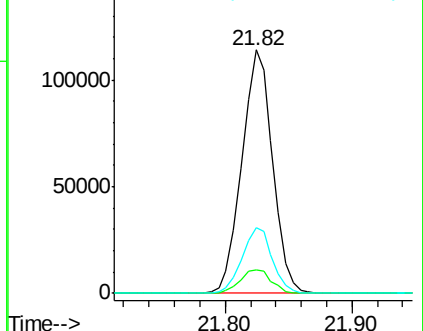
236 26.8 19.6 29.4



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: 65.07 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BG021771.D

Acq: 20 Apr 2016 1:36

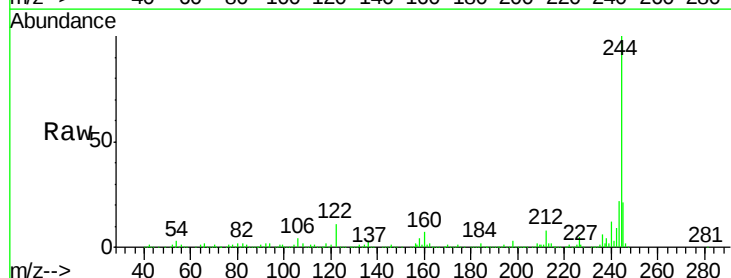
Tgt Ion:244 Resp: 499511

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

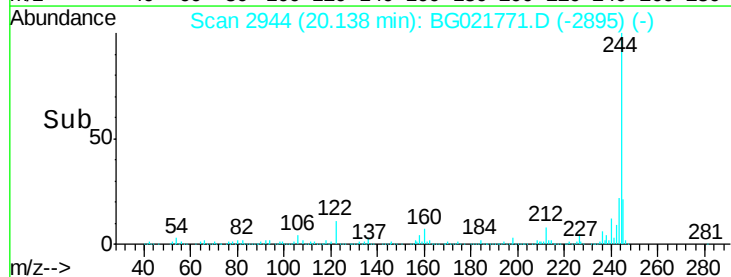
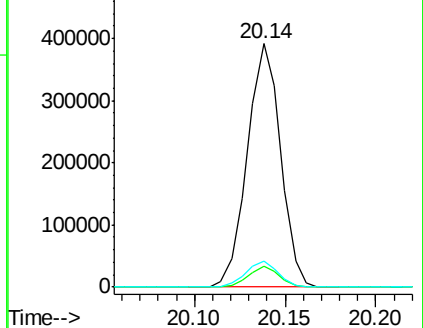
122 10.8 8.6 12.8

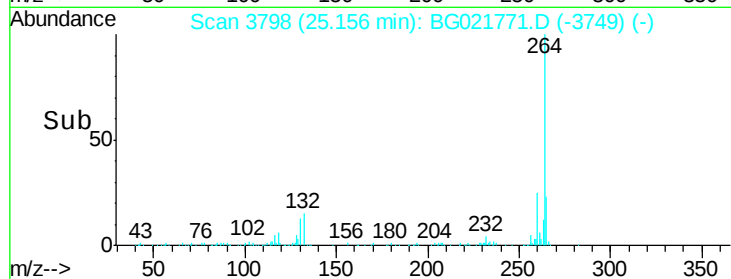
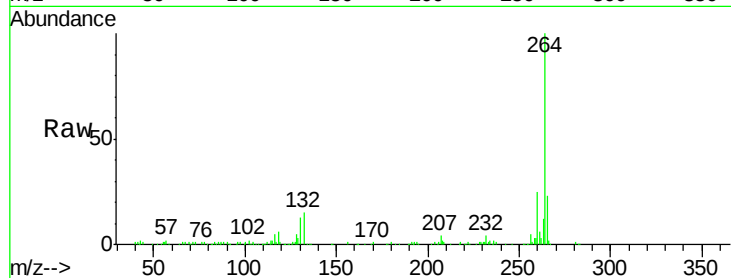
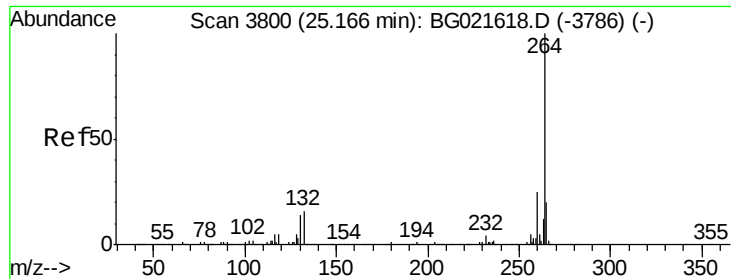


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.16 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG021771.D

Acq: 20 Apr 2016 1:36

Instrument :

BNA_G

ClientSampleId :

LCF-B1

Tgt Ion: 264 Resp: 188703

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.4

265 22.9 17.8 26.8

