

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
 Data File : BG021773.D
 Acq On : 20 Apr 2016 2:55
 Operator : UM/SJ
 Sample : H2569-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LCF-NW2

Quant Time: Apr 20 04:10:47 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

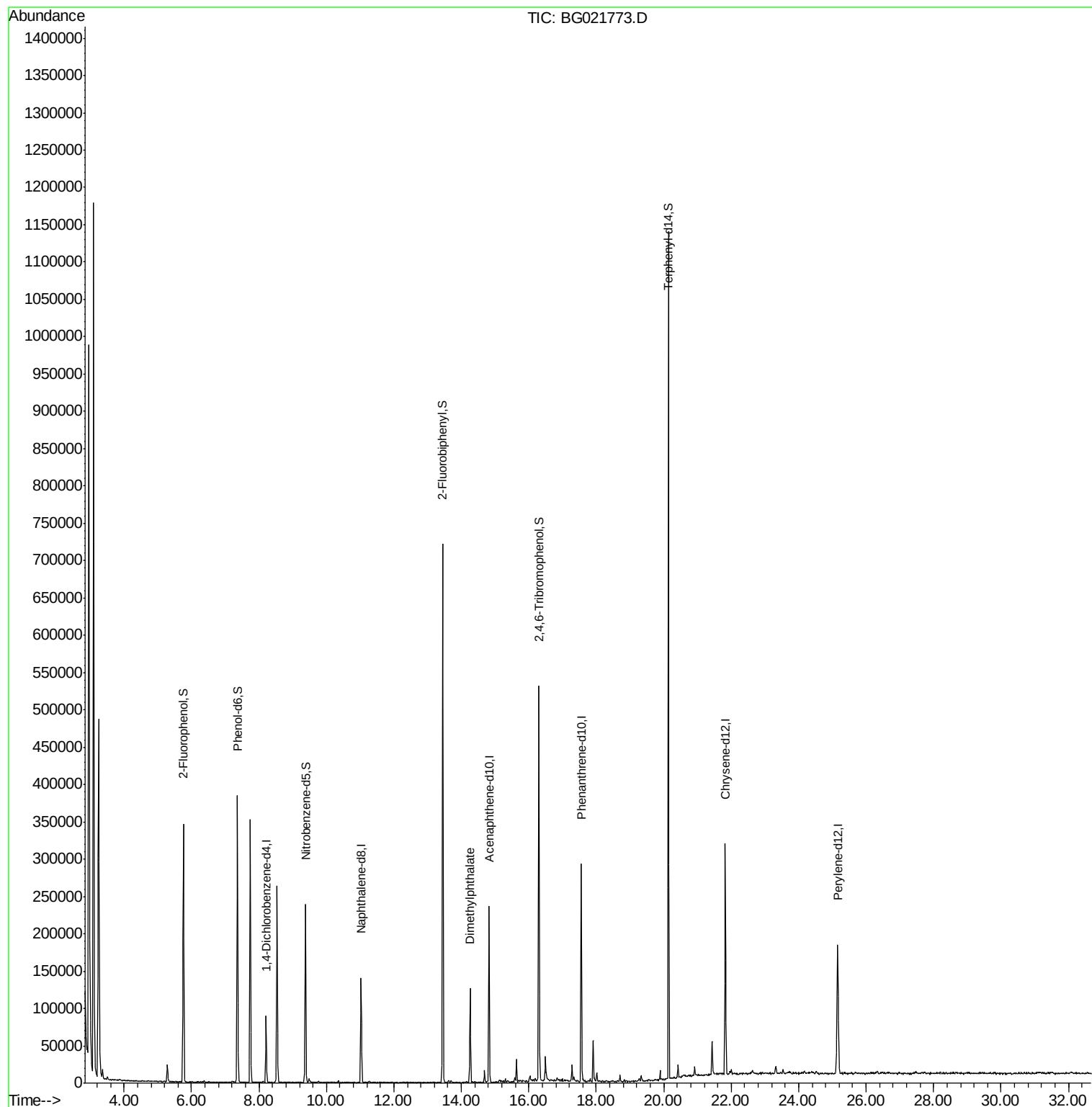
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	25527	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	119435	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	81243	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	181536	20.00	ng	0.00
75) Chrysene-d12	21.83	240	196213	20.00	ng	0.00
86) Perylene-d12	25.16	264	191735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	151448	98.80	ng	0.00
7) Phenol-d6	7.36	99	233907	102.15	ng	0.00
23) Nitrobenzene-d5	9.38	82	148153	63.76	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	95810	109.42	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	378244	68.21	ng	0.00
78) Terphenyl-d14	20.14	244	505383	64.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	83822	11.93	ng	Qvalue # 98

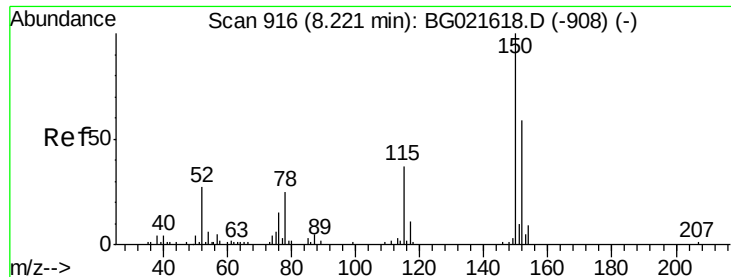
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021773.D

Acq: 20 Apr 2016 2:55

Instrument :

BNA_G

ClientSampleId :

LCF-NW2

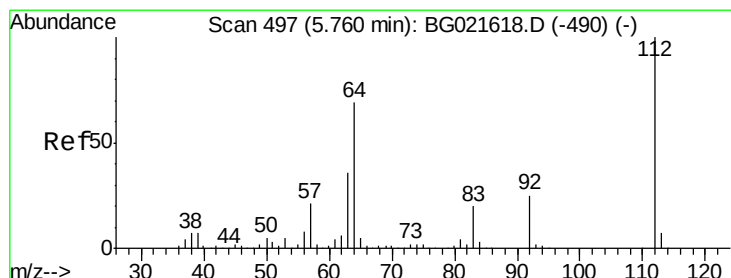
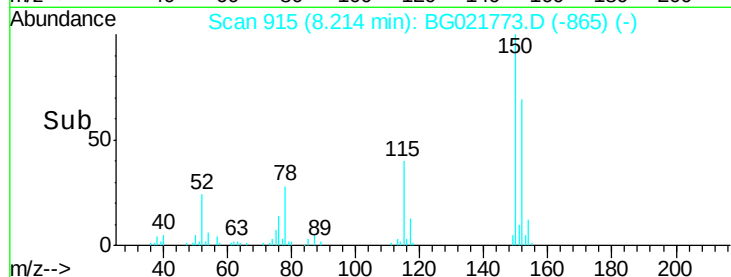
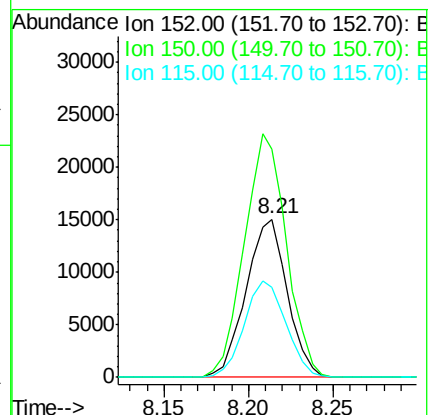
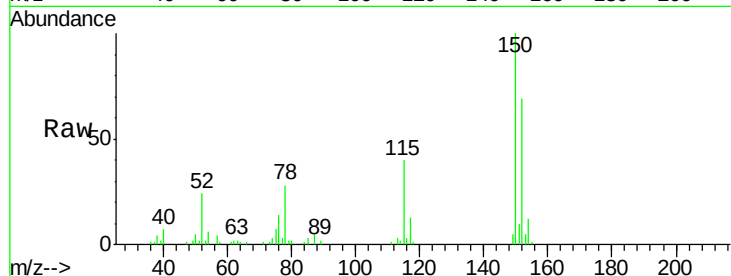
Tot Ion:152 Resp: 25527

Ion Ratio Lower Upper

152 100

150 144.4 130.1 195.1

115 57.2 62.2 93.2#



#5

2-Fluorophenol

Concen: 98.80 ng

RT: 5.76 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG021773.D

Acq: 20 Apr 2016 2:55

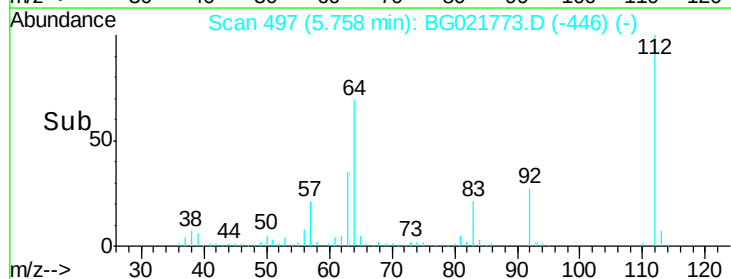
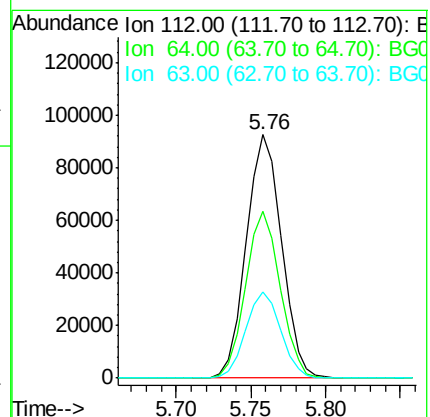
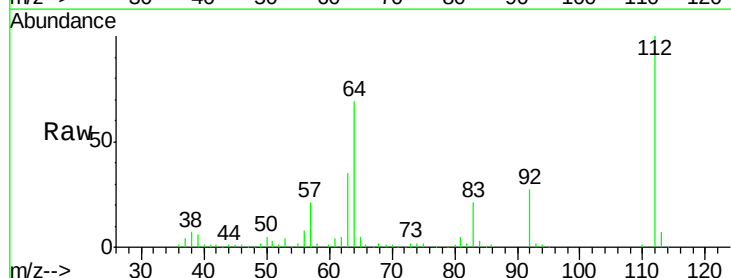
Tgt Ion:112 Resp: 151448

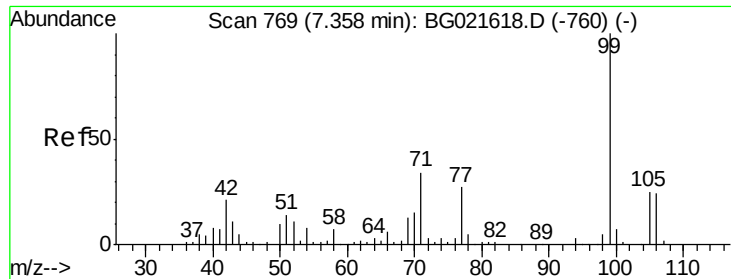
Ion Ratio Lower Upper

112 100

64 68.6 51.1 76.7

63 35.4 24.6 37.0





#7

Phenol-d6

Concen: 102.15 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021773.D

Acq: 20 Apr 2016 2:55

Instrument :

BNA_G

ClientSampleId :

LCF-NW2

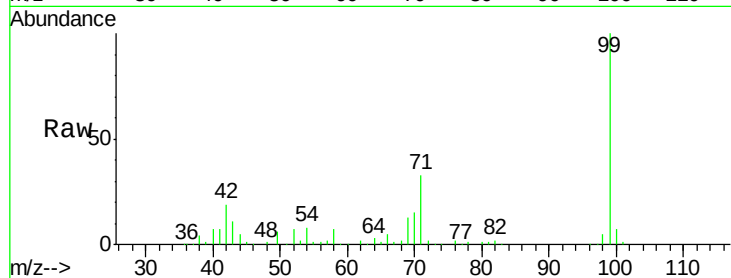
Tot Ion: 99 Resp: 233907

Ion Ratio Lower Upper

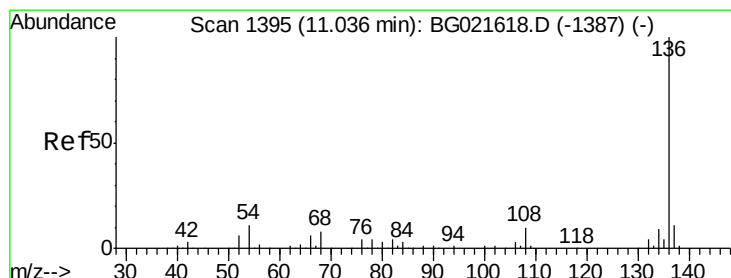
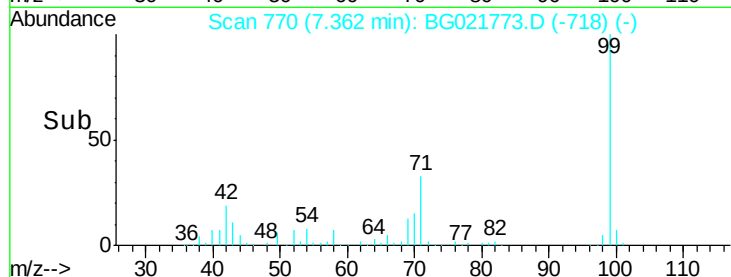
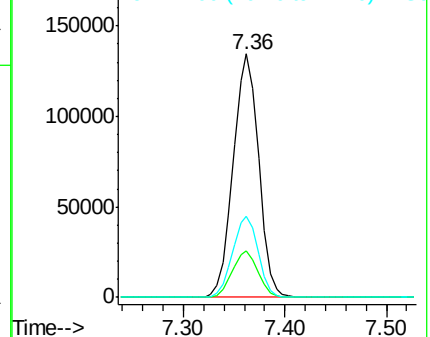
99 100

42 19.3 16.4 24.6

71 33.0 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# 1394

Delta R.T. -0.01 min

Lab File: BG021773.D

Acq: 20 Apr 2016 2:55

Tgt Ion: 136 Resp: 119435

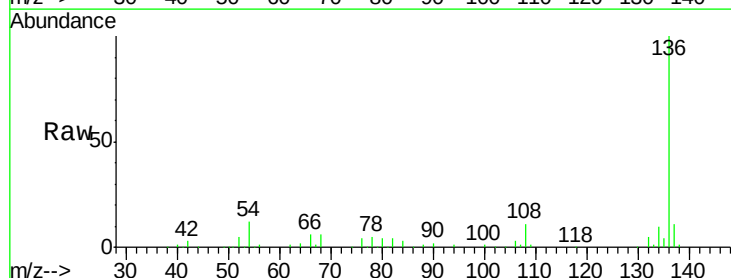
Ion Ratio Lower Upper

136 100

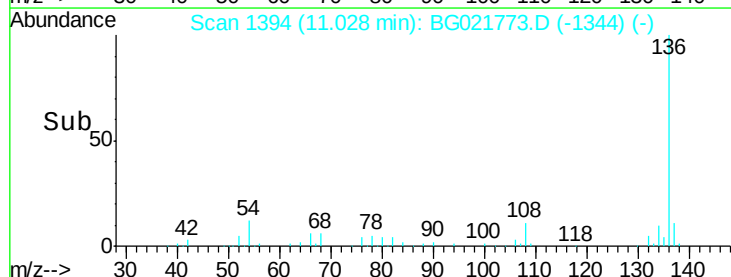
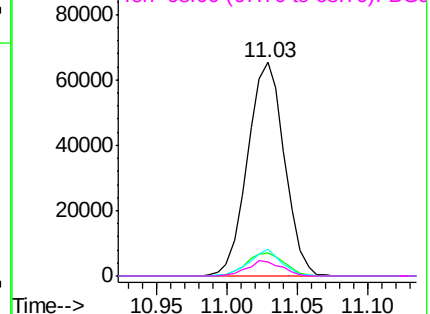
137 10.9 9.0 13.4

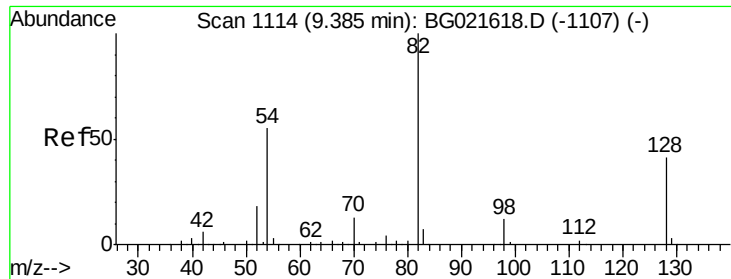
54 12.4 9.6 14.4

68 6.5 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

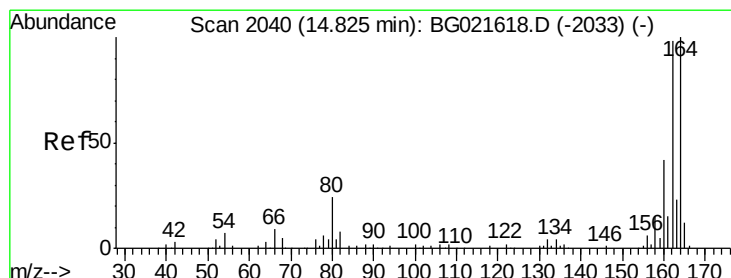
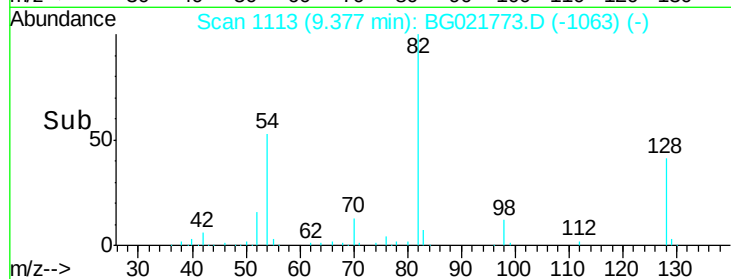
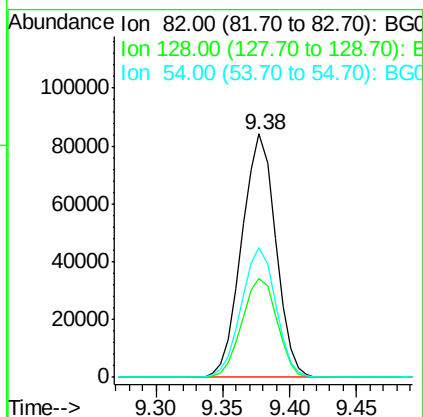
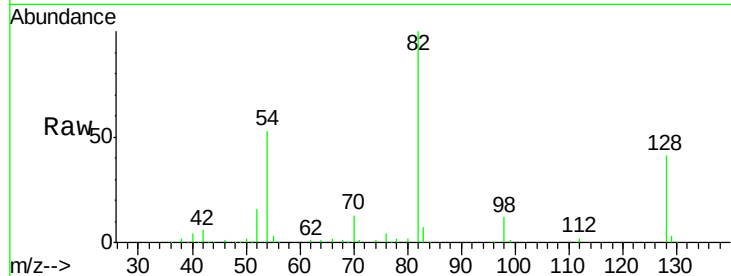




#23
 Nitrobenzene-d5
 Concen: 63.76 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021773.D
 Acq: 20 Apr 2016 2:55

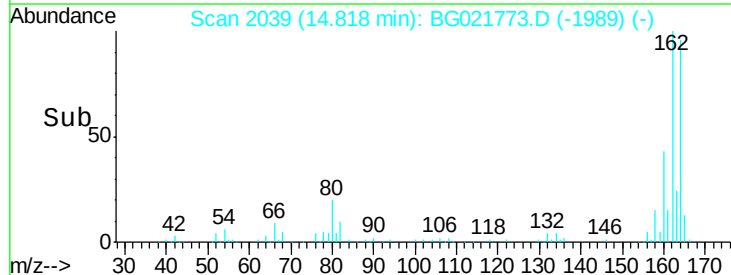
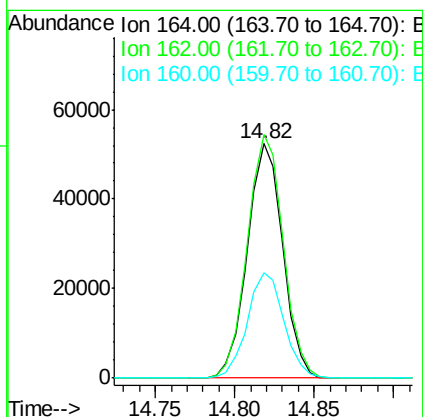
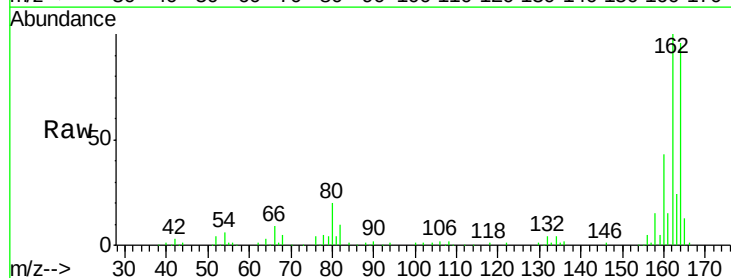
Instrument :
 BNA_G
 ClientSampleId :
 LCF-NW2

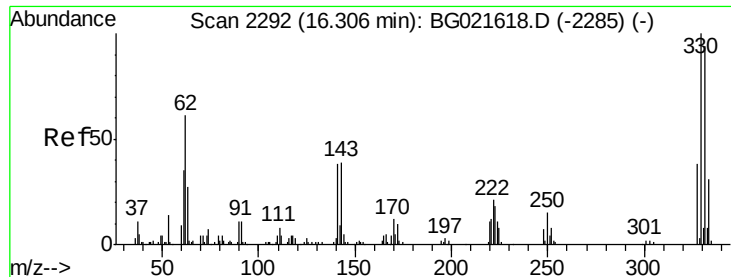
Tot Ion	82	Resp	148153
Ion Ratio	100	Lower	Upper
128	40.6	33.4	50.0
54	53.2	46.1	69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021773.D
 Acq: 20 Apr 2016 2:55

Tgt Ion	164	Resp	81243
Ion Ratio	100	Lower	Upper
162	103.8	78.0	117.0
160	45.1	32.9	49.3





#41

2,4,6-Tribromophenol

Concen: 109.42 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG021773.D

Acq: 20 Apr 2016 2:55

Instrument :

BNA_G

ClientSampleId :

LCF-NW2

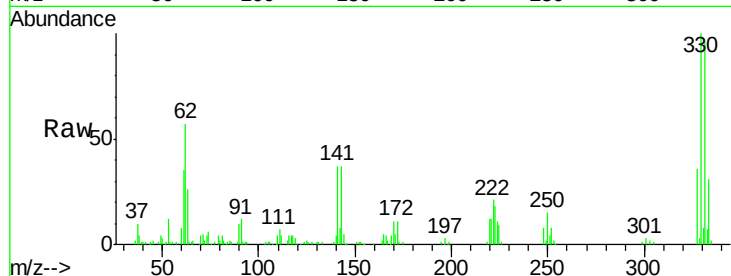
Tot Ion:330 Resp: 95810

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

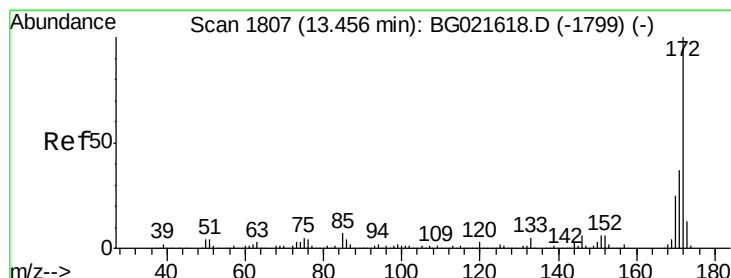
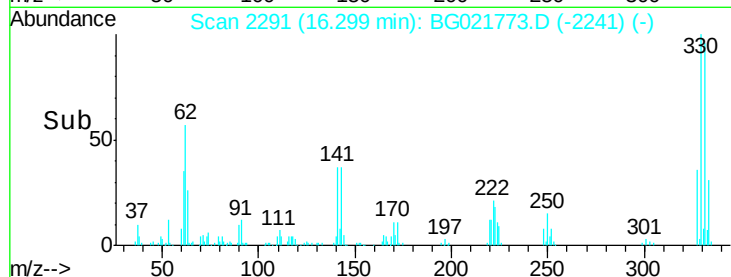
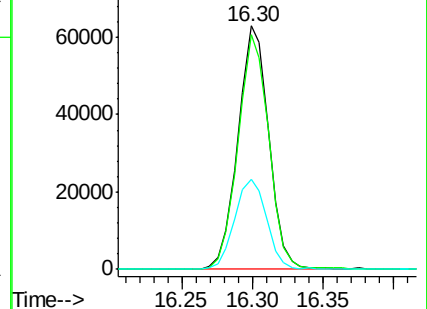
141 38.5 33.8 50.8



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: 68.21 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BG021773.D

Acq: 20 Apr 2016 2:55

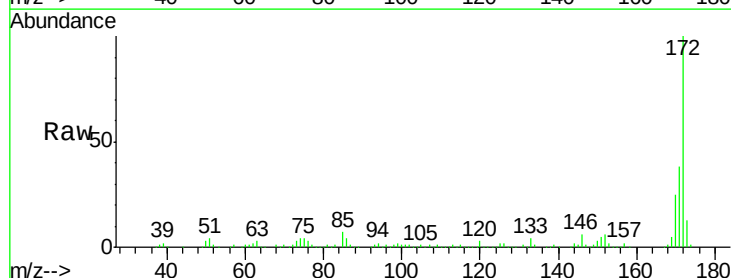
Tgt Ion:172 Resp: 378244

Ion Ratio Lower Upper

172 100

171 37.7 27.8 41.6

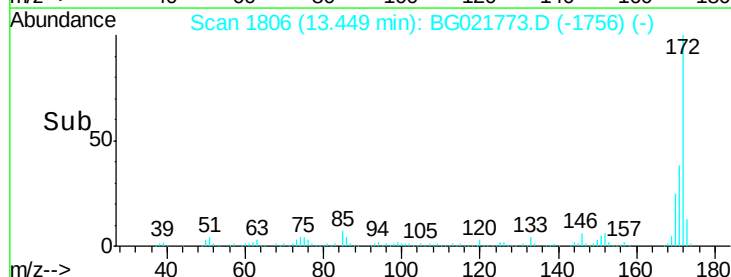
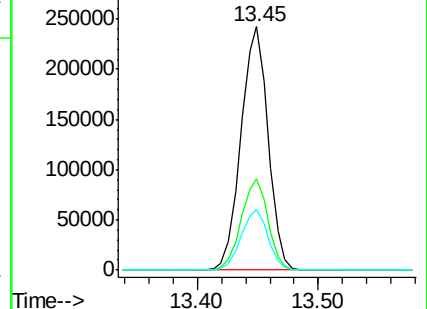
170 24.9 19.6 29.4

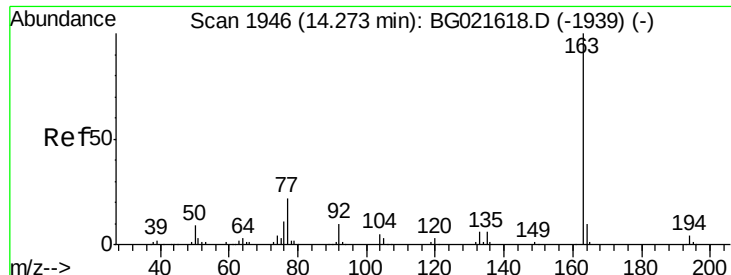


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 11.93 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021773.D

Acq: 20 Apr 2016 2:55

Instrument :

BNA_G

ClientSampleId :

LCF-NW2

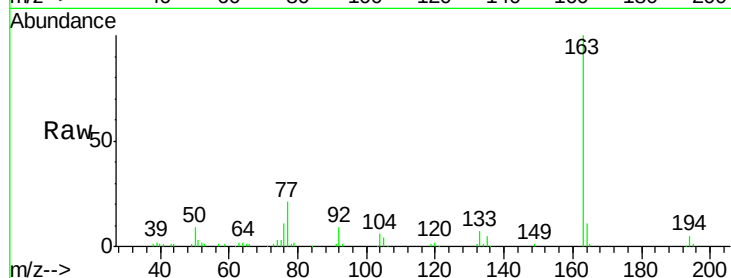
Tot Ion:163 Resp: 83822

Ion Ratio Lower Upper

163 100

194 4.7 3.0 4.6#

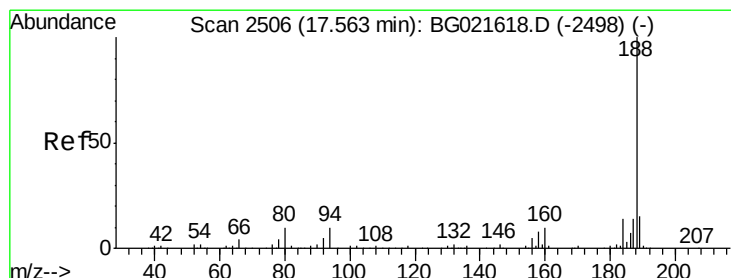
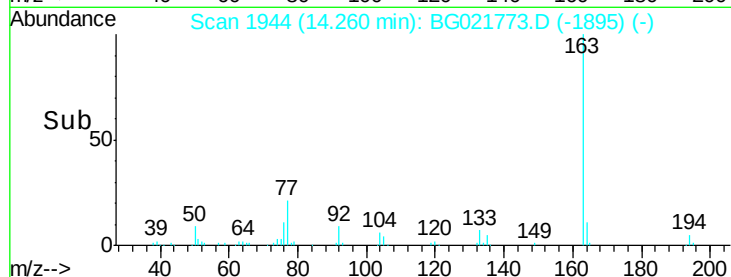
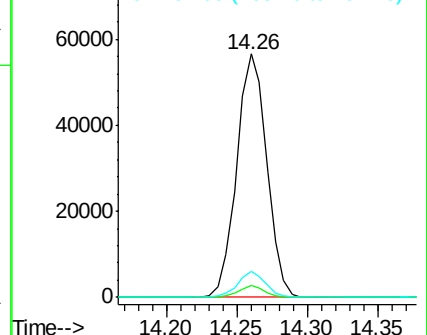
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021773.D

Acq: 20 Apr 2016 2:55

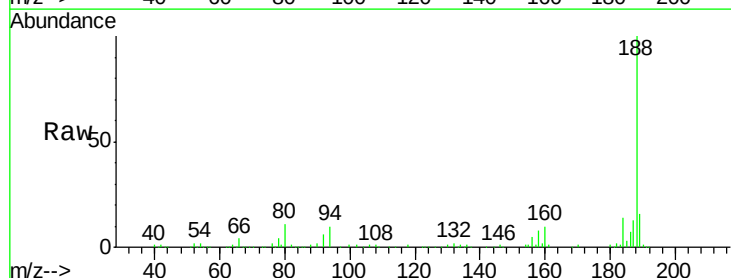
Tgt Ion:188 Resp: 181536

Ion Ratio Lower Upper

188 100

94 10.1 7.5 11.3

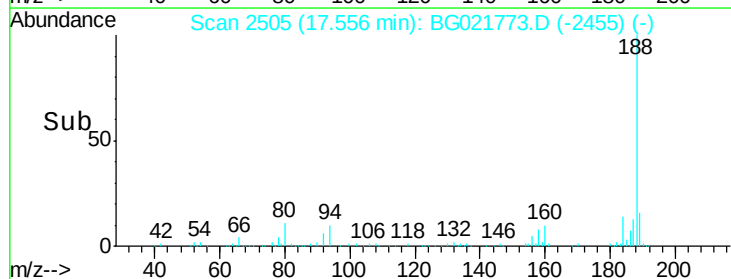
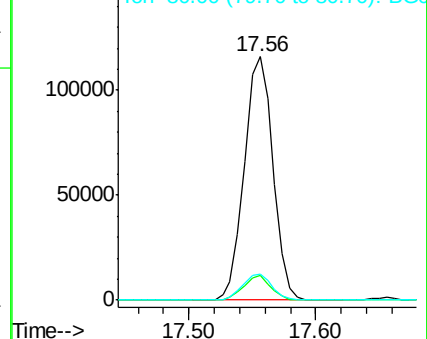
80 10.6 8.6 13.0

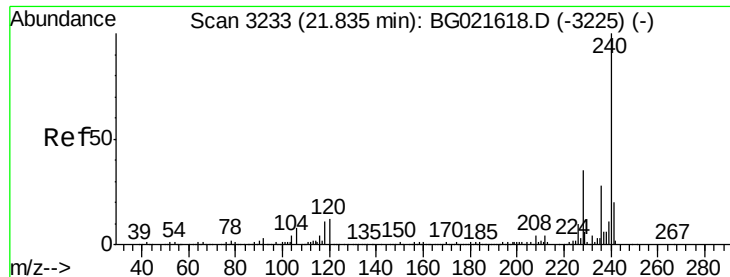


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021773.D

Acq: 20 Apr 2016 2:55

Instrument :

BNA_G

ClientSampled :

LCF-NW2

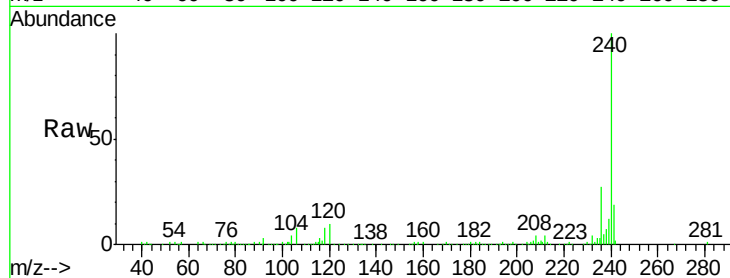
Tot Ion:240 Resp: 196213

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

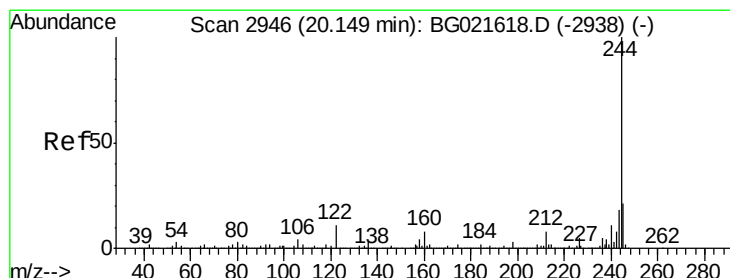
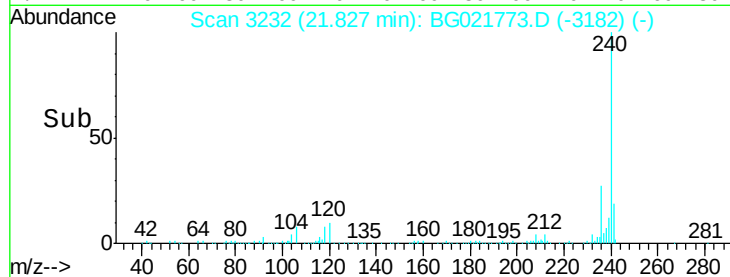
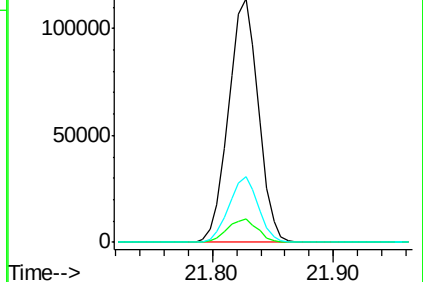
236 27.2 19.6 29.4



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: 64.27 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021773.D

Acq: 20 Apr 2016 2:55

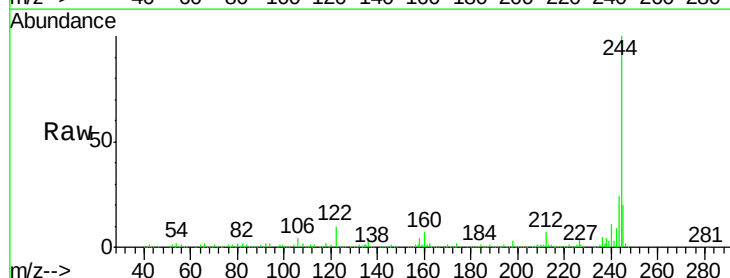
Tgt Ion:244 Resp: 505383

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

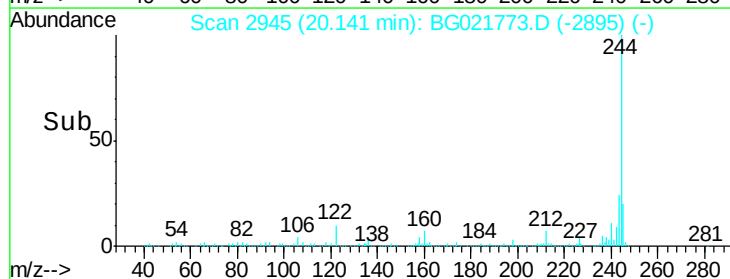
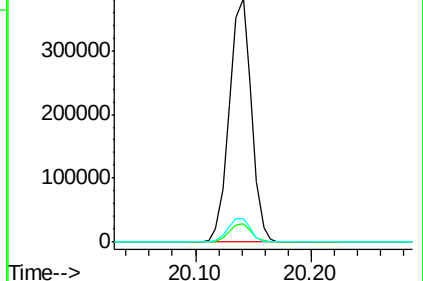
122 9.7 8.6 12.8

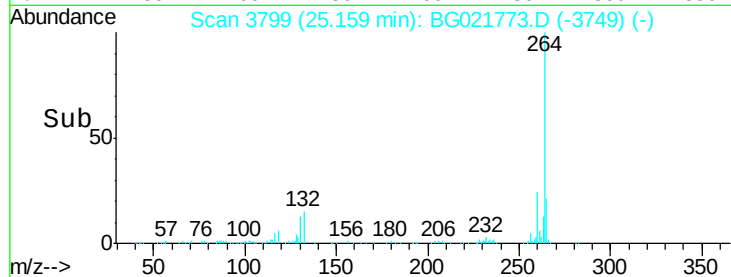
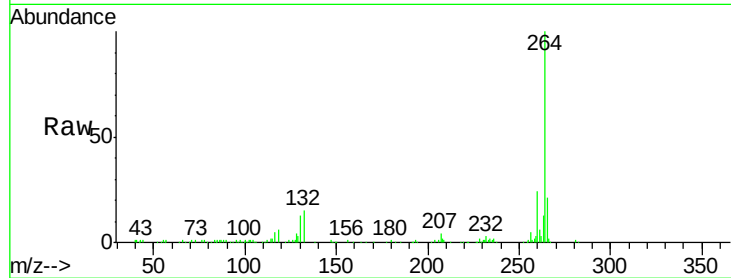
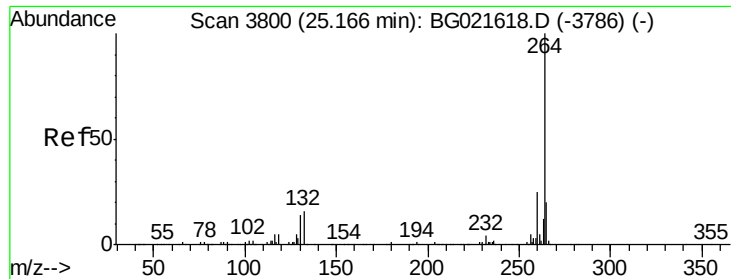


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BG021773.D
 Acq: 20 Apr 2016 2:55

Instrument :
 BNA_G
 ClientSampleId :
 LCF-NW2

Tot Ion:264	Resp:	191735
Ion Ratio	Lower	Upper
264	100	
260	24.0	20.2 30.4
265	21.0	17.8 26.8

