

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042016\
 Data File : BG021774.D
 Acq On : 20 Apr 2016 3:35
 Operator : UM/SJ
 Sample : H2569-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LCF-WW2

Quant Time: Apr 20 04:11:35 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

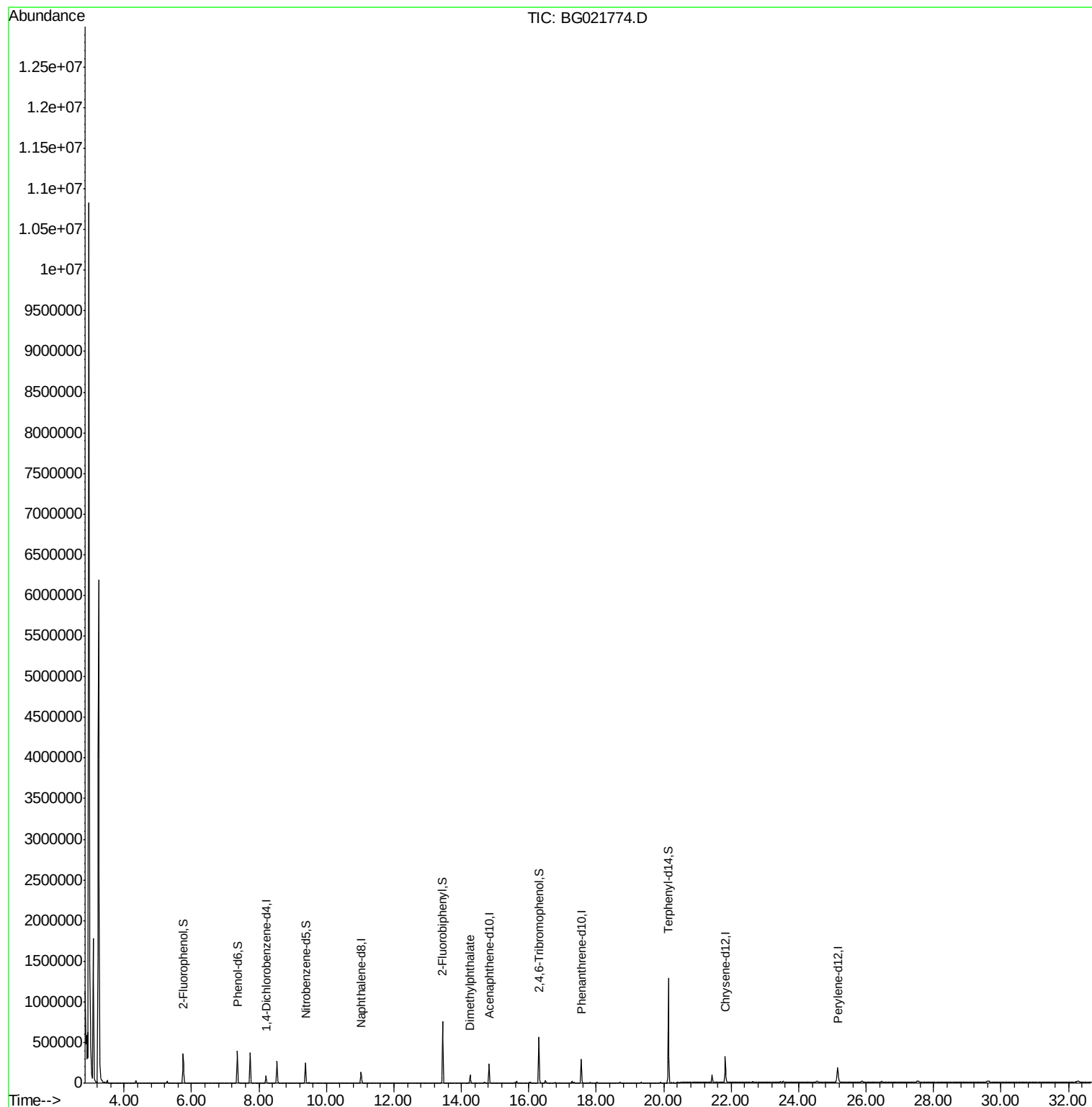
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	25345	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	117313	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	82585	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	181348	20.00	ng	0.00
75) Chrysene-d12	21.83	240	197362	20.00	ng	0.00
86) Perylene-d12	25.15	264	192009	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	158792	104.33	ng	0.00
7) Phenol-d6	7.36	99	240803	105.92	ng	0.00
23) Nitrobenzene-d5	9.38	82	150784	66.06	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	103613	116.41	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	404105	71.69	ng	0.00
78) Terphenyl-d14	20.14	244	551083	69.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	67277	9.42	ng	Qvalue 98

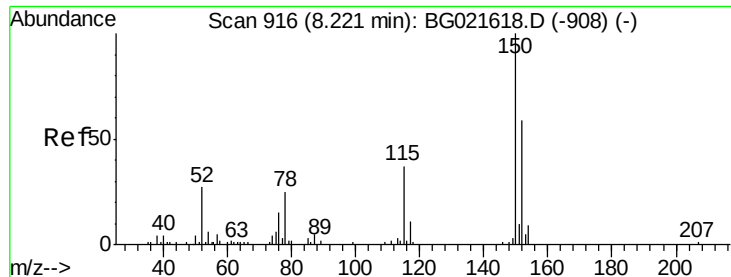
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG021774.D

Acq: 20 Apr 2016 3:35

Instrument :

BNA_G

ClientSampleId :

LCF-WW2

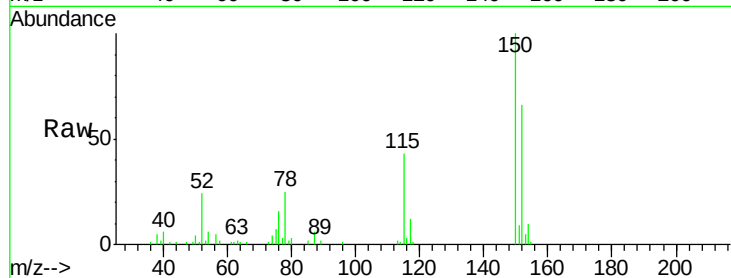
Tgt Ion:152 Resp: 25345

Ion Ratio Lower Upper

152 100

150 152.4 130.1 195.1

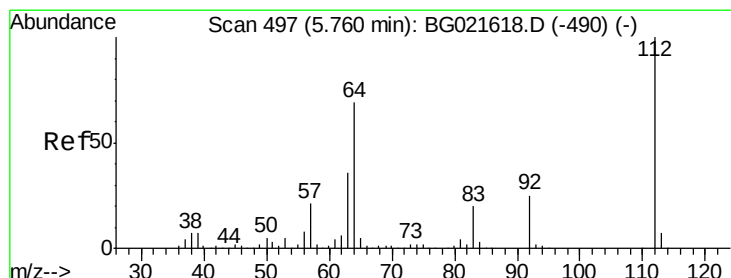
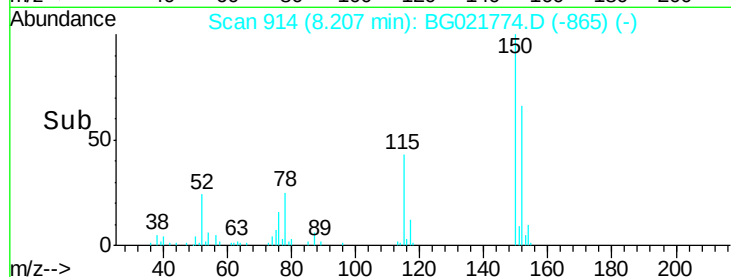
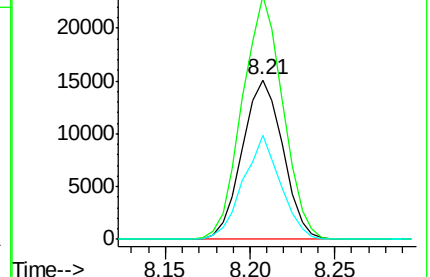
115 65.3 62.2 93.2



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: 104.33 ng

RT: 5.75 min Scan# 496

Delta R.T. -0.01 min

Lab File: BG021774.D

Acq: 20 Apr 2016 3:35

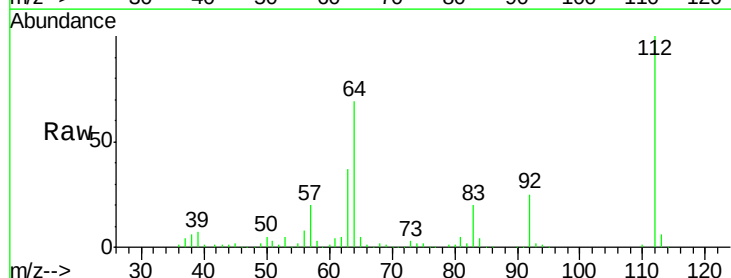
Tgt Ion:112 Resp: 158792

Ion Ratio Lower Upper

112 100

64 68.6 51.1 76.7

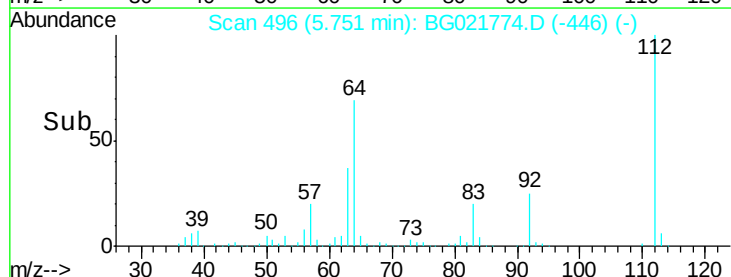
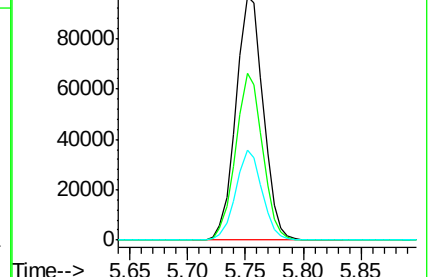
63 37.1 24.6 37.0#

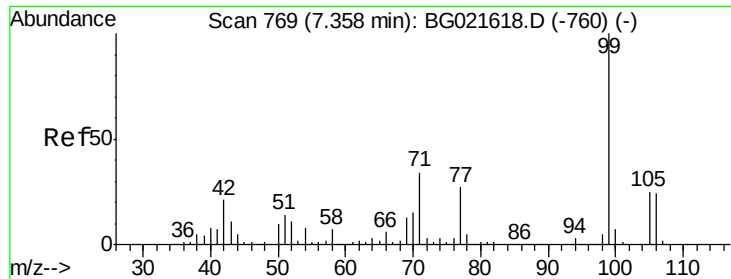


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.92 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021774.D

Acq: 20 Apr 2016 3:35

Instrument :

BNA_G

ClientSampleId :

LCF-WW2

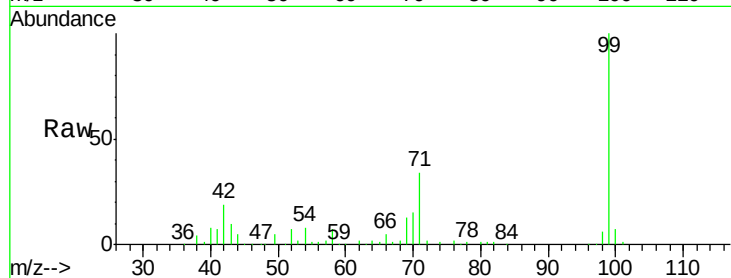
Tgt Ion: 99 Resp: 240803

Ion Ratio Lower Upper

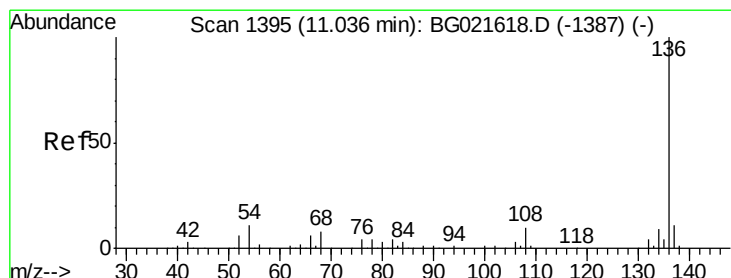
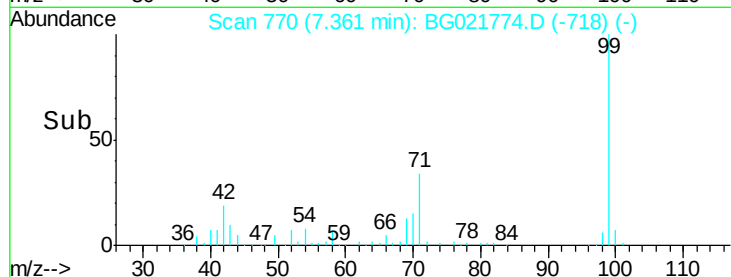
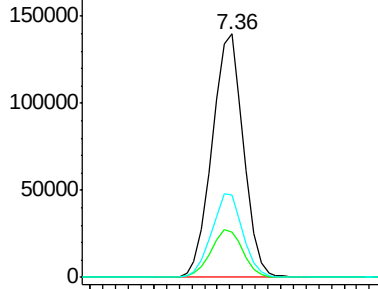
99 100

42 18.7 16.4 24.6

71 33.6 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: BG021774.D

Acq: 20 Apr 2016 3:35

Tgt Ion: 136 Resp: 117313

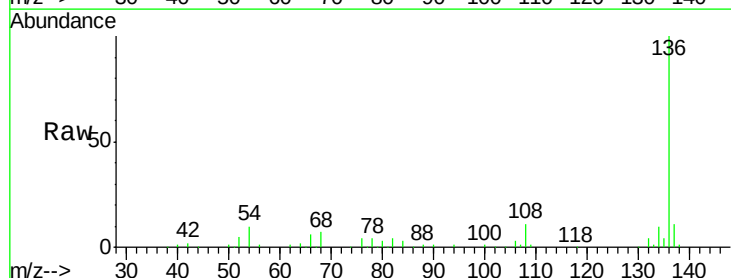
Ion Ratio Lower Upper

136 100

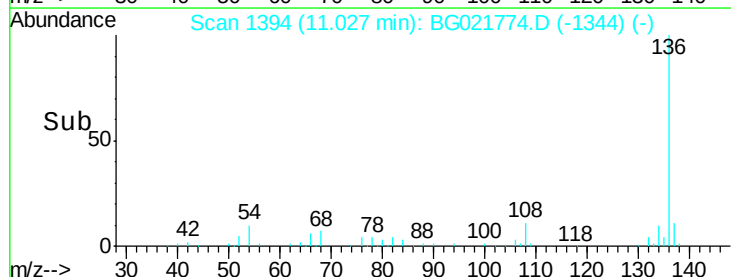
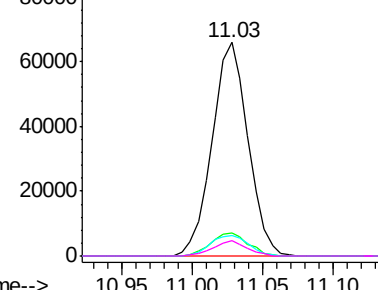
137 10.9 9.0 13.4

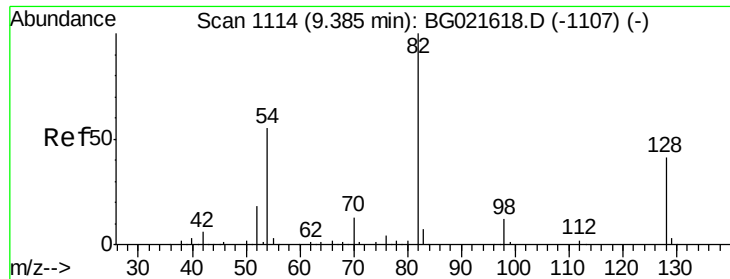
54 9.7 9.6 14.4

68 6.9 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

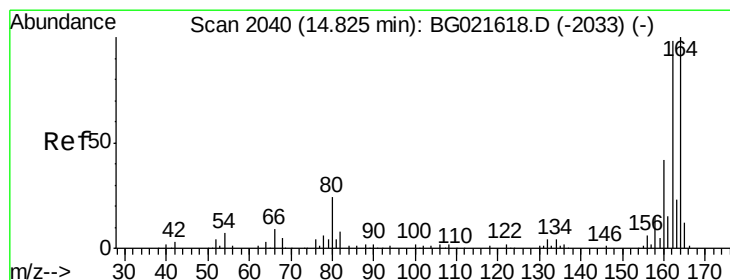
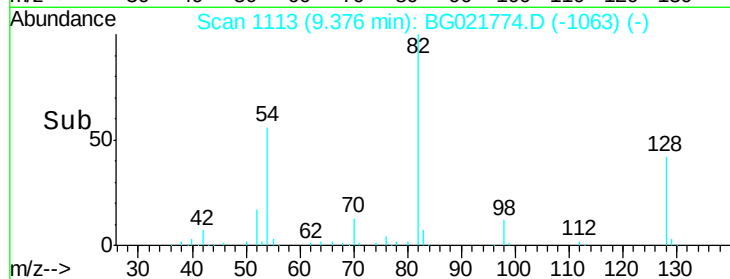
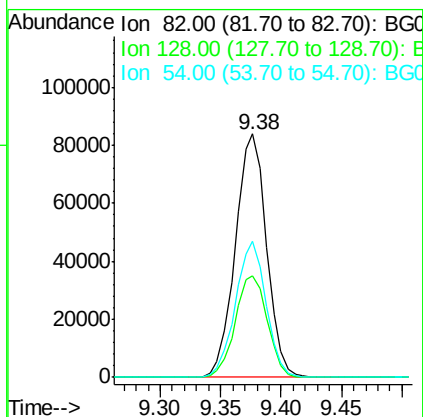
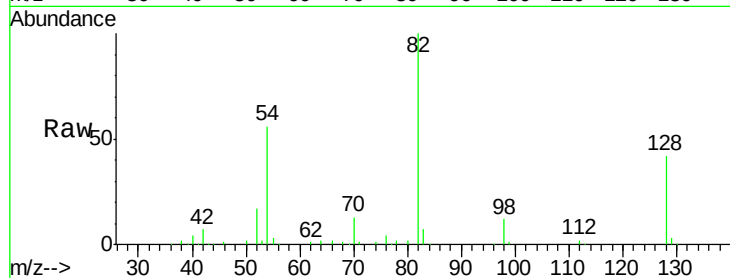




#23
Nitrobenzene-d5
Concen: 66.06 ng
RT: 9.38 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG021774.D
Acq: 20 Apr 2016 3:35

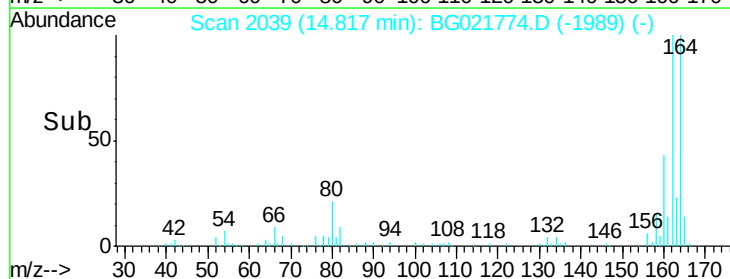
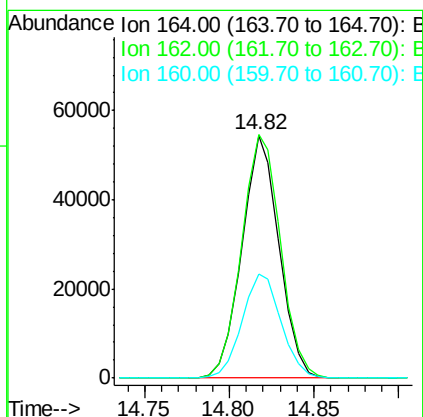
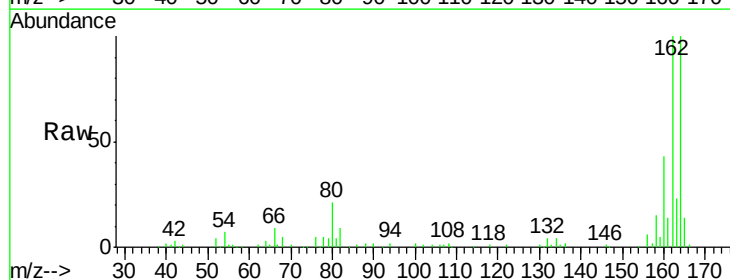
Instrument :
BNA_G
ClientSampled :
LCF-WW2

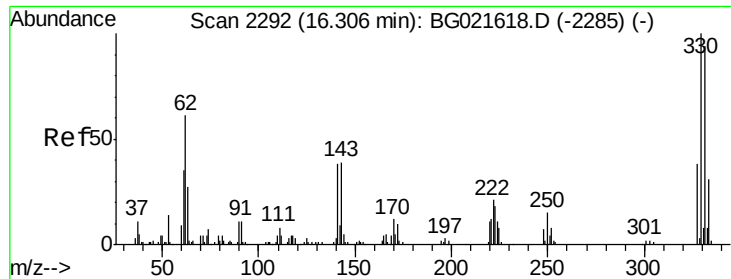
Tgt Ion: 82 Resp: 150784
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.0
54 55.7 46.1 69.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021774.D
Acq: 20 Apr 2016 3:35

Tgt Ion: 164 Resp: 82585
Ion Ratio Lower Upper
164 100
162 100.3 78.0 117.0
160 42.9 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 116.41 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG021774.D

Acq: 20 Apr 2016 3:35

Instrument :

BNA_G

ClientSampleId :

LCF-WW2

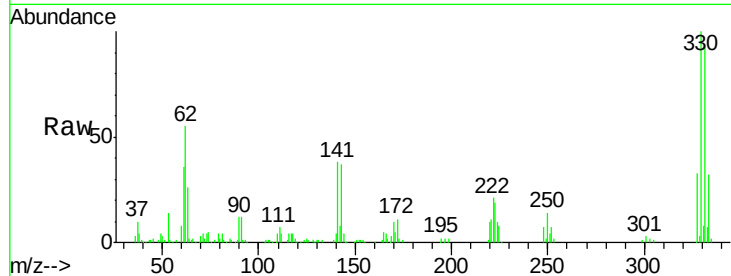
Tgt Ion:330 Resp: 103613

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

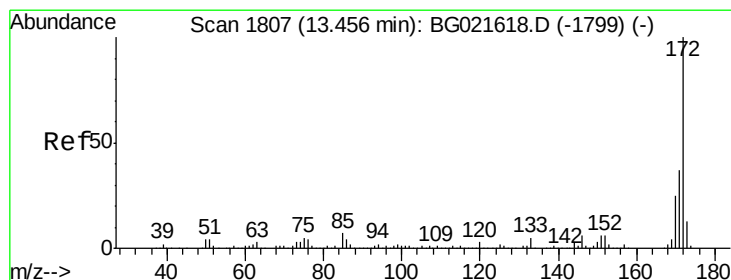
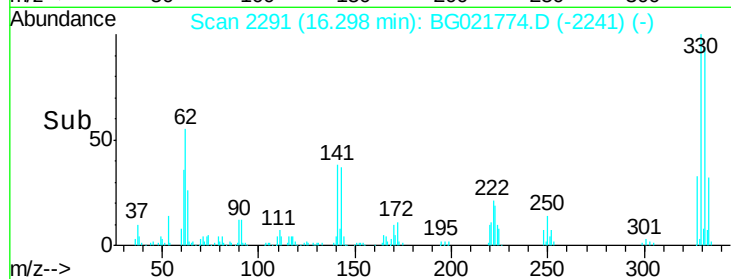
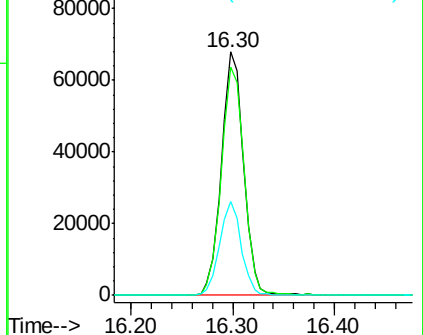
141 37.6 33.8 50.8



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: 71.69 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BG021774.D

Acq: 20 Apr 2016 3:35

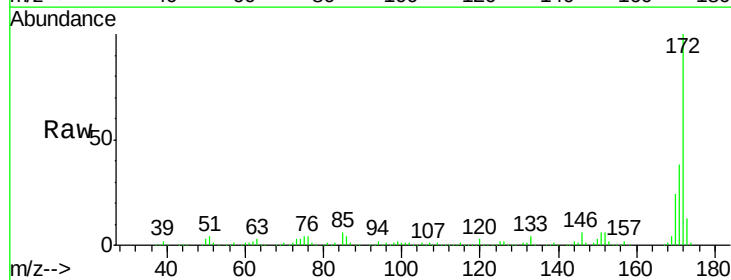
Tgt Ion:172 Resp: 404105

Ion Ratio Lower Upper

172 100

171 38.0 27.8 41.6

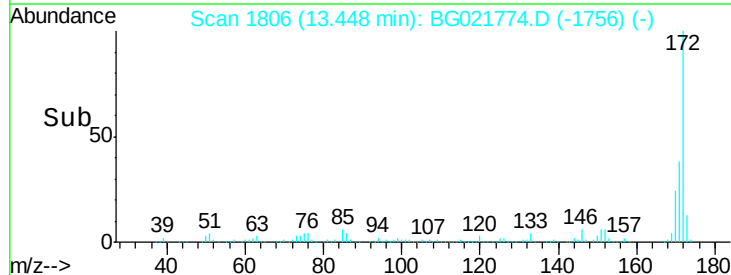
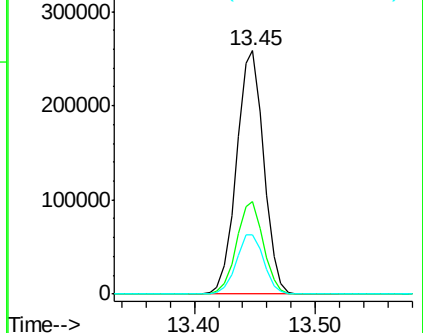
170 24.4 19.6 29.4

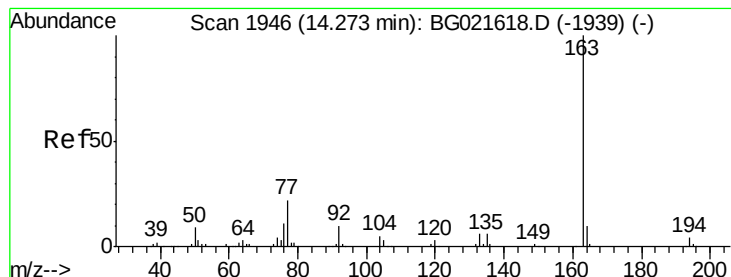


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.42 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021774.D

Acq: 20 Apr 2016 3:35

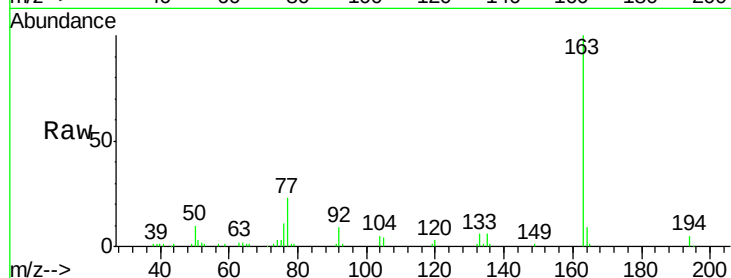
Instrument :

BNA_G

ClientSampleId :

LCF-WW2

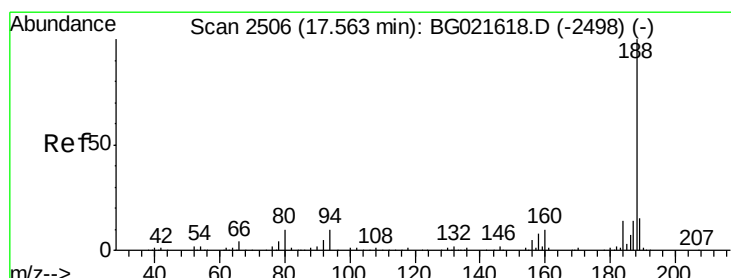
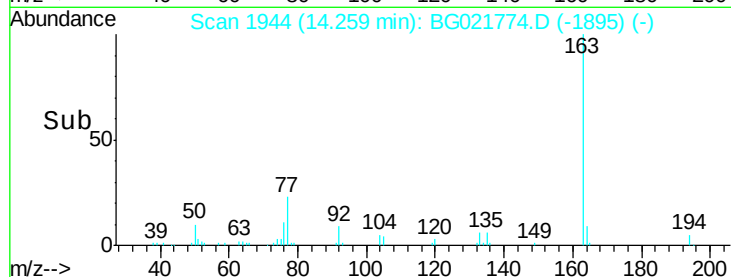
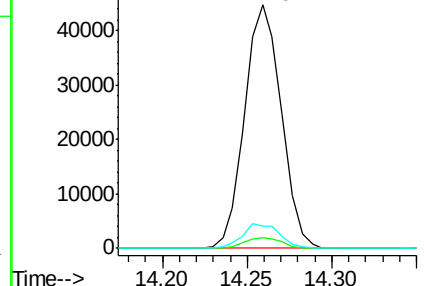
Tgt Ion:	163	Resp:	67277
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	9.3	8.1	12.1



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

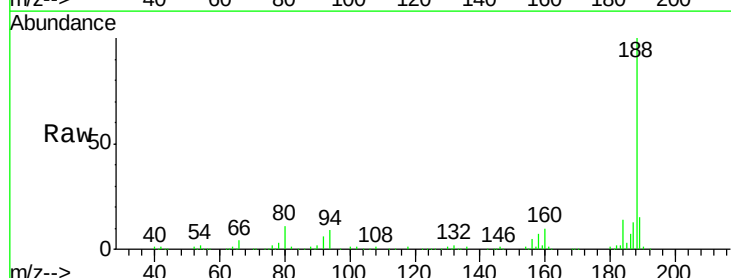
RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021774.D

Acq: 20 Apr 2016 3:35

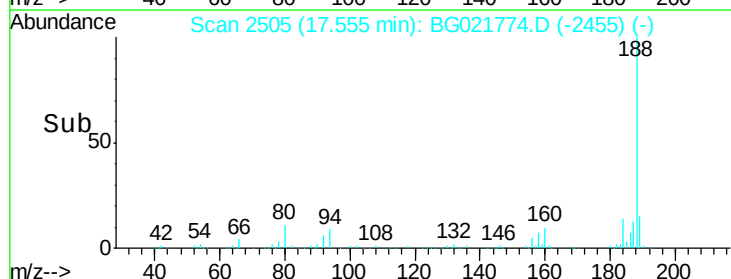
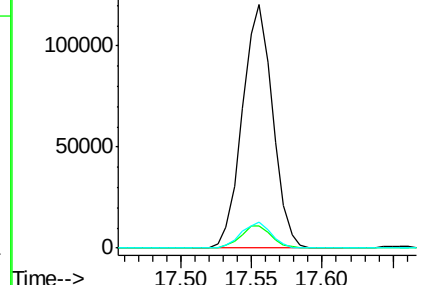
Tgt Ion:	188	Resp:	181348
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	10.6	8.6	13.0

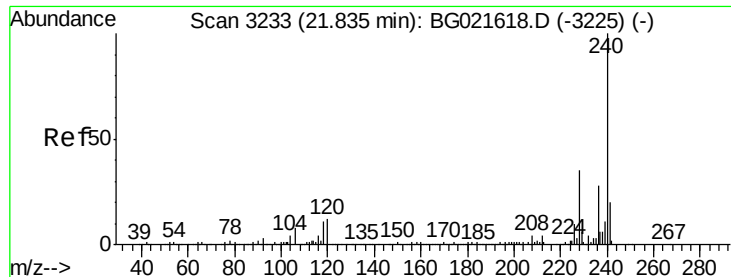


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021774.D

Acq: 20 Apr 2016 3:35

Instrument :

BNA_G

ClientSampleId :

LCF-WW2

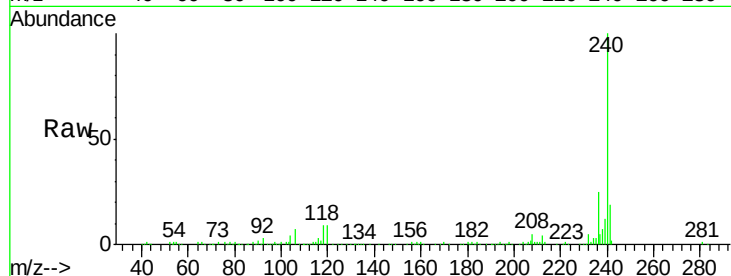
Tgt Ion:240 Resp: 197362

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

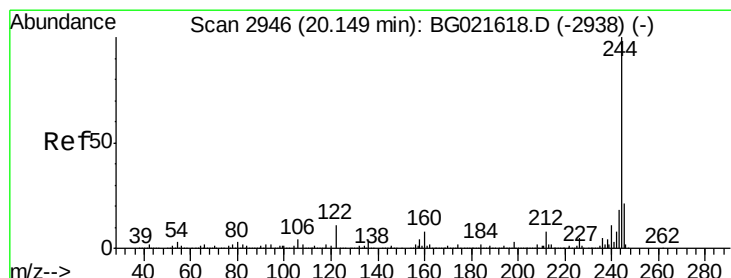
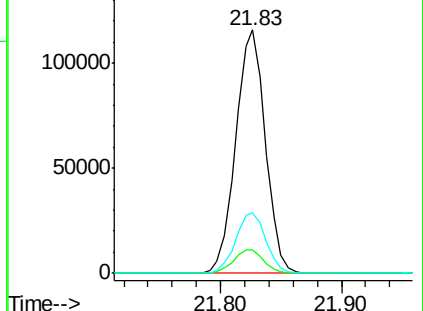
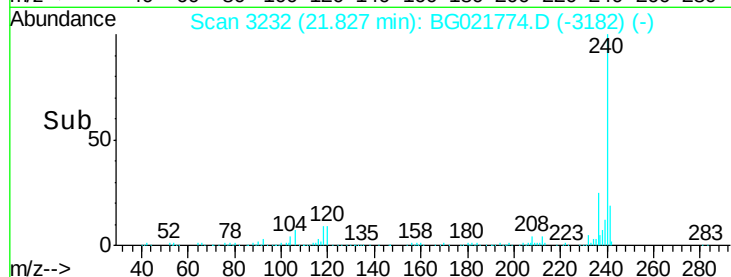
236 25.0 19.6 29.4



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: 69.67 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021774.D

Acq: 20 Apr 2016 3:35

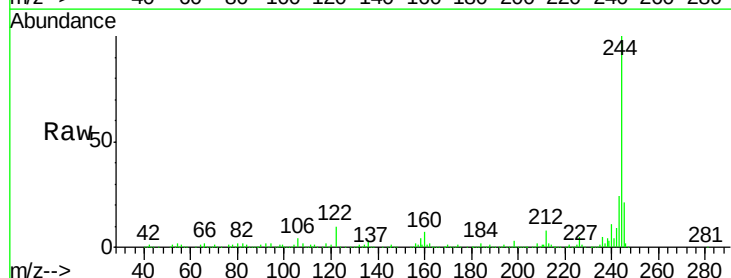
Tgt Ion:244 Resp: 551083

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

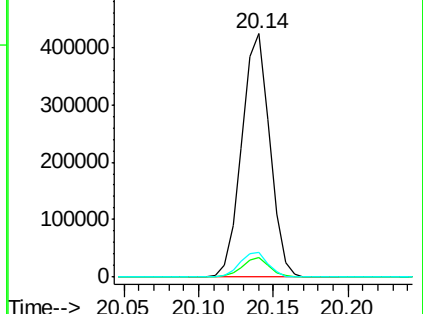
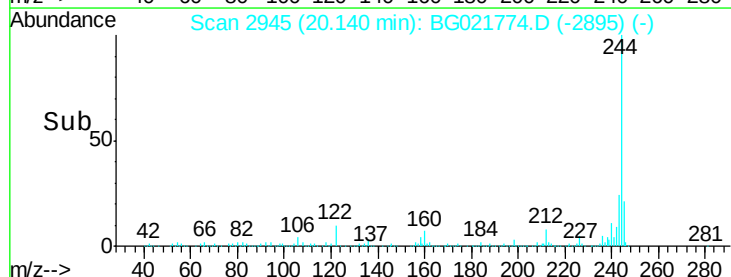
122 10.0 8.6 12.8

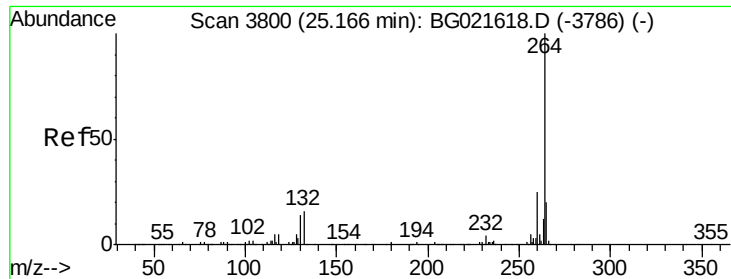


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.15 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021774.D
Acq: 20 Apr 2016 3:35

Instrument :
BNA_G
ClientSampleId :
LCF-WW2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.2	30.4
265	22.4	17.8	26.8

