

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

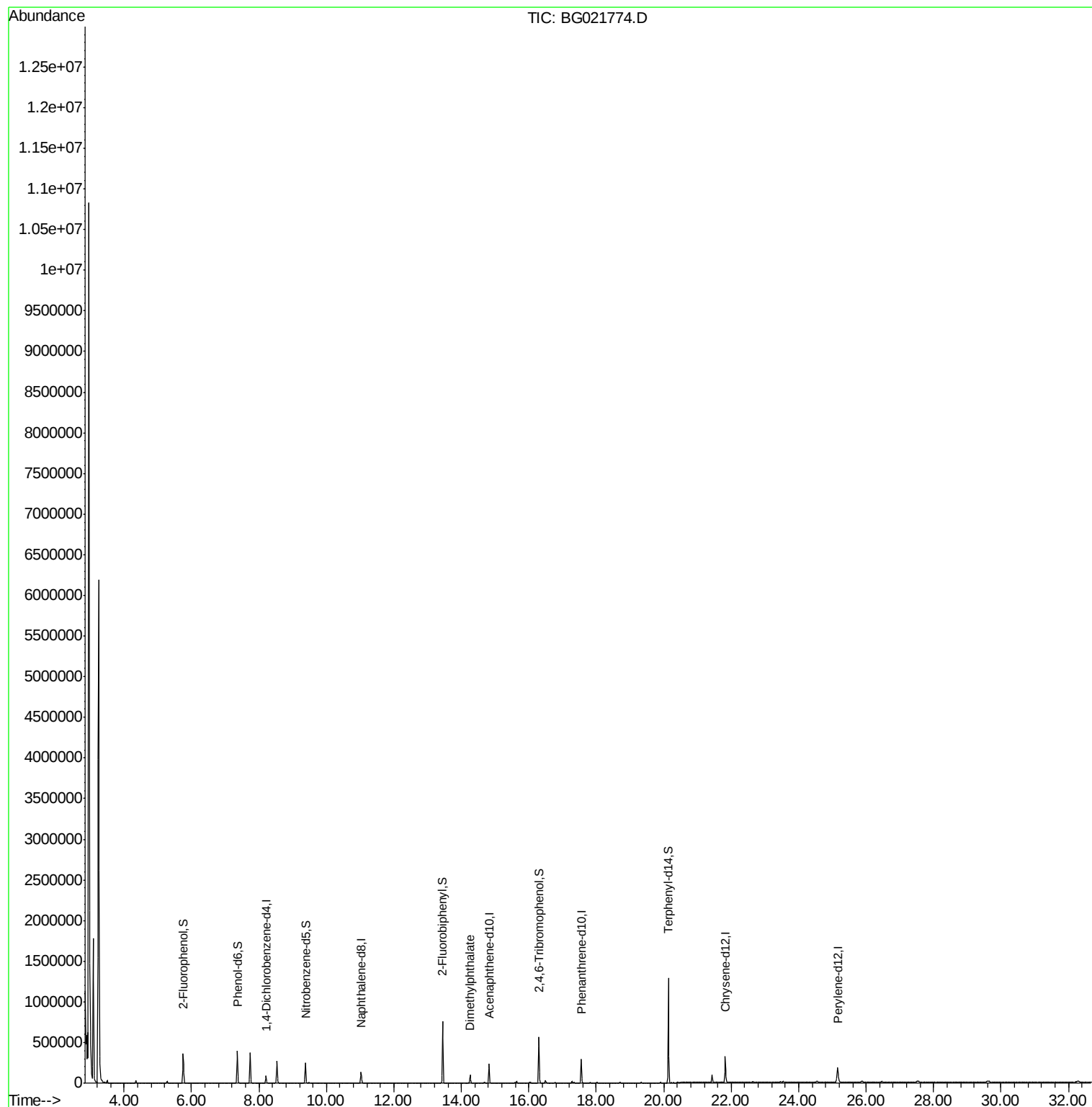
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	25345	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	117313	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	82585	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	181348	20.00	ng	0.00
75) Chrysene-d12	21.83	240	197362	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

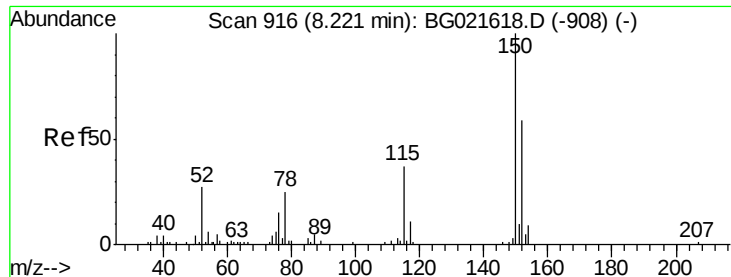
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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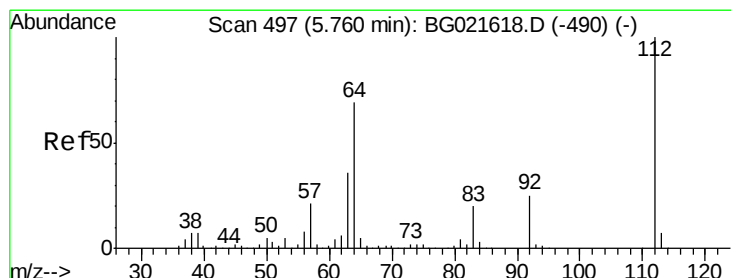
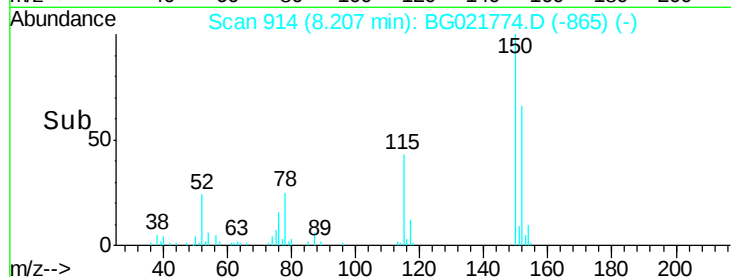
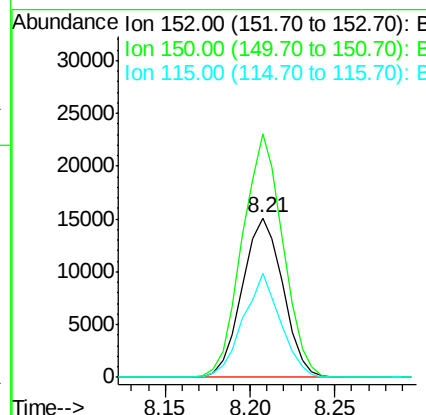
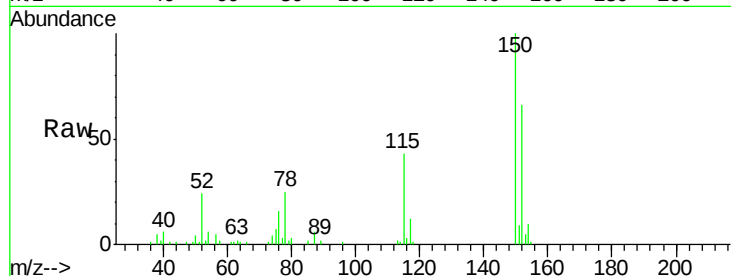


#1

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

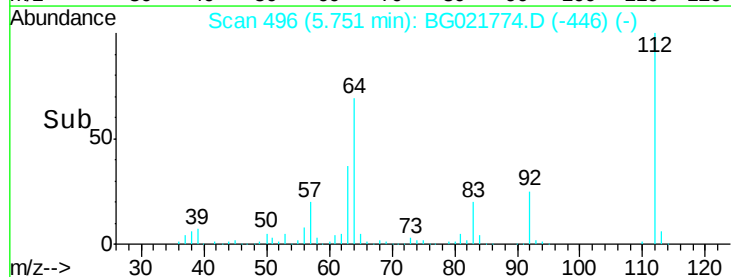
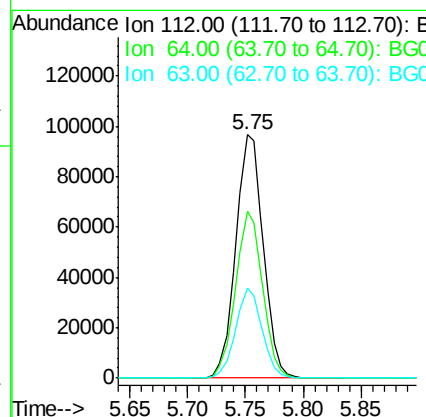
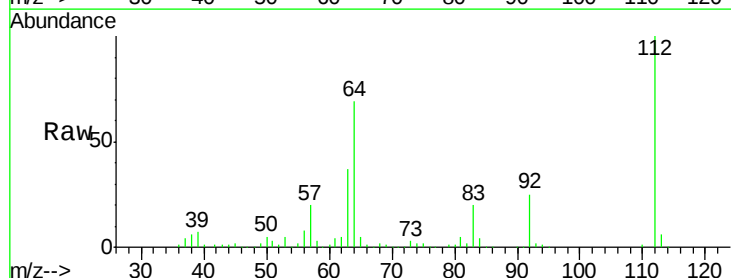
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	130.1	195.1
115	65.3	62.2	93.2

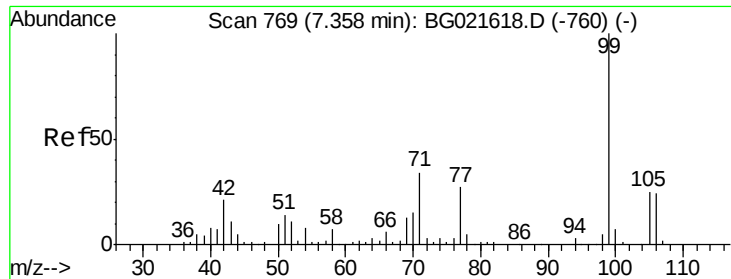


#5

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	Ratio	Lower	Upper
112	100		
64	68.6	51.1	76.7
63	37.1	24.6	37.0





#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

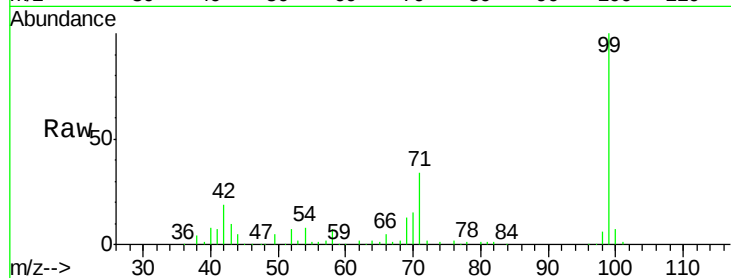
Tot Ion: 99 Resp: 240803

Ion Ratio Lower Upper

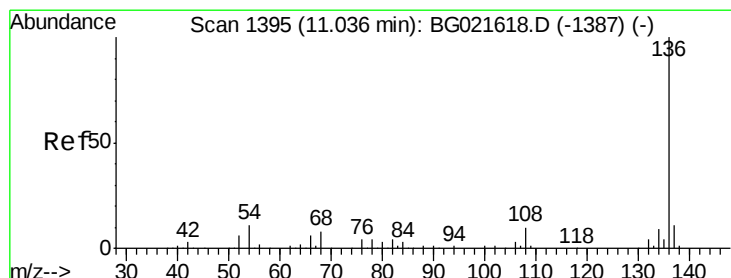
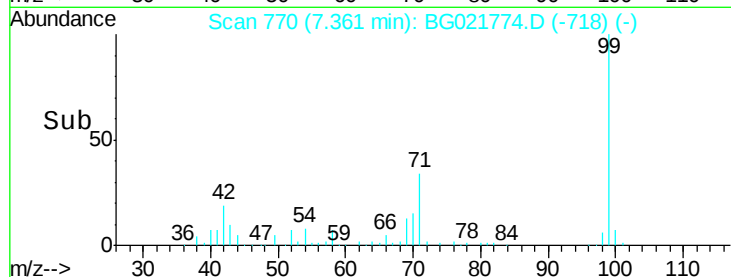
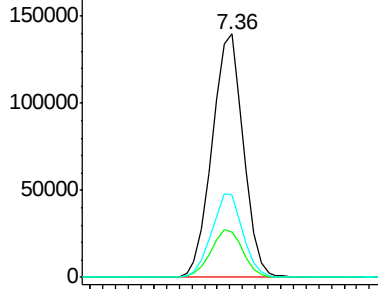
99 100

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

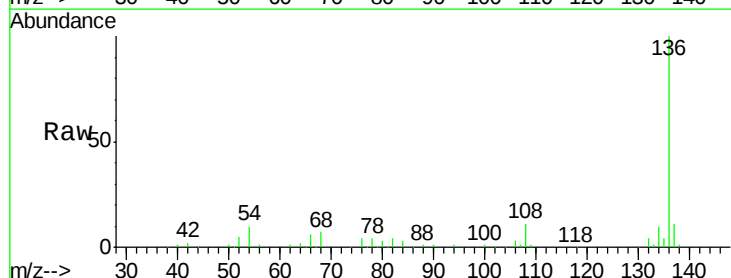
Ion Ratio Lower Upper

136 100

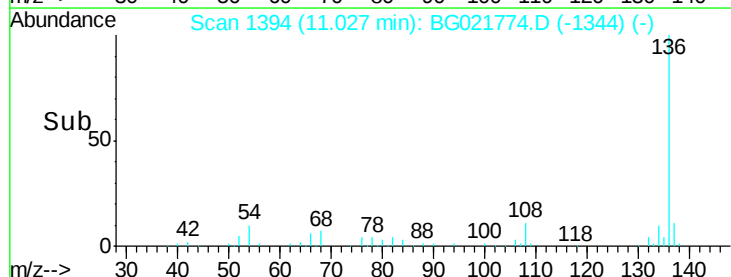
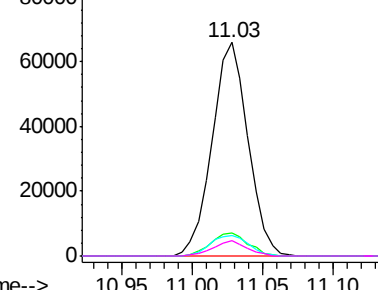
137 10.9 9.0 13.4

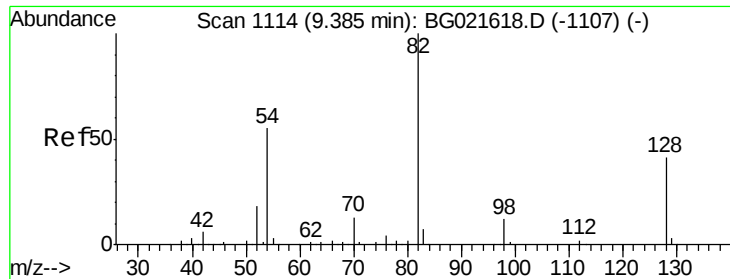
54 9.7 9.6 14.4

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

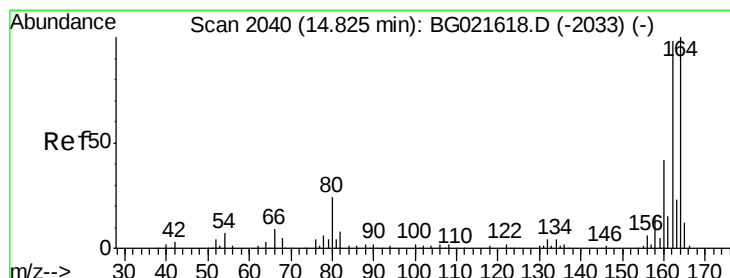
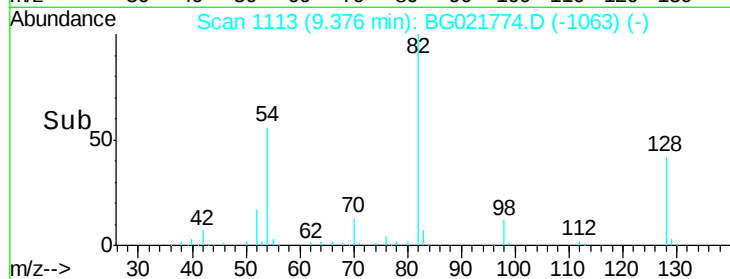
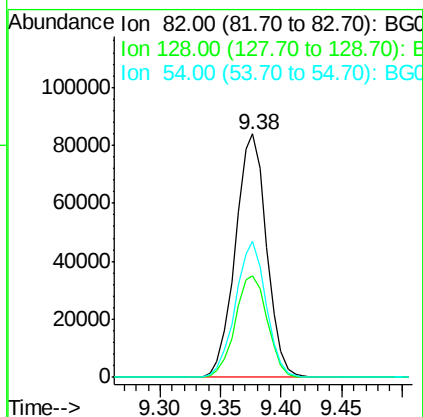
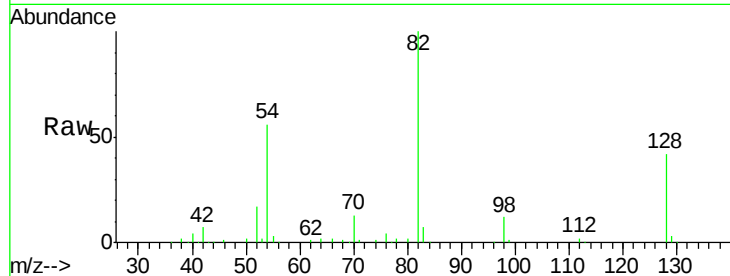




#23
 Nitrobenzene-d5
 Concen: 66.06 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021774.D
 Acq: 20 Apr 2016 3:35

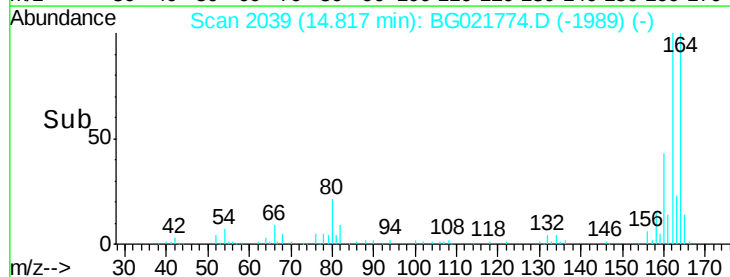
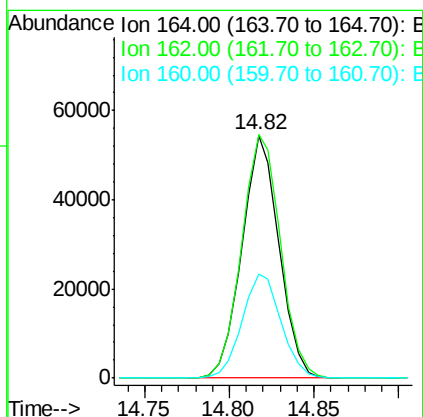
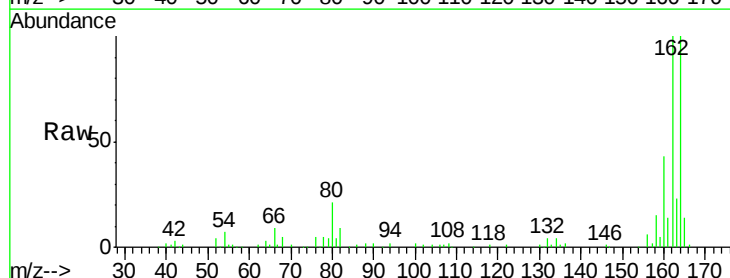
Instrument :
 BNA_G
 ClientSampled :
 LCF-WW2

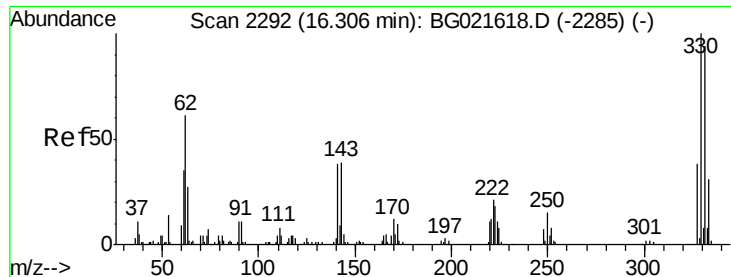
Tot Ion: 82 Resp: 150784
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.4 50.0
 54 55.7 46.1 69.1



#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

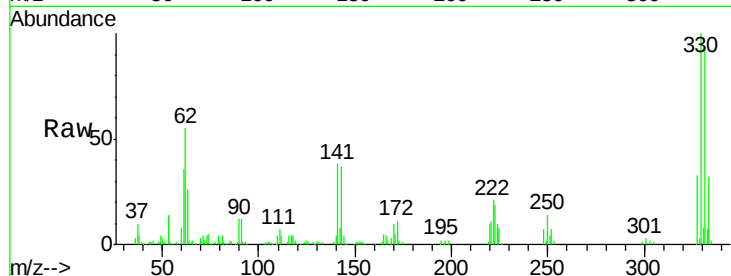
Tot Ion:330 Resp: 103613

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

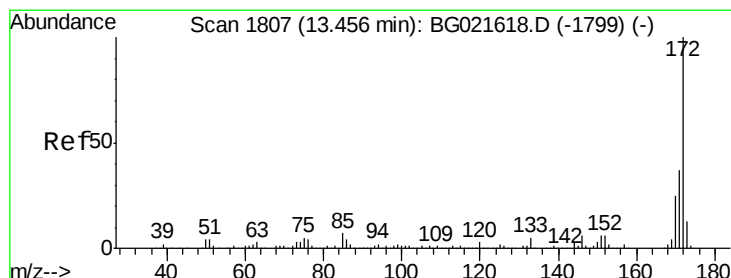
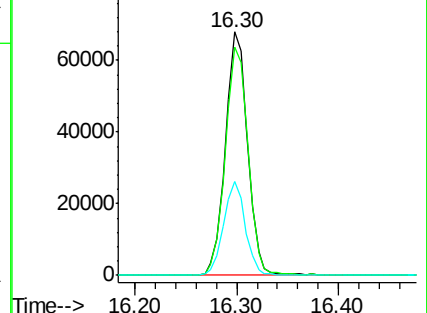
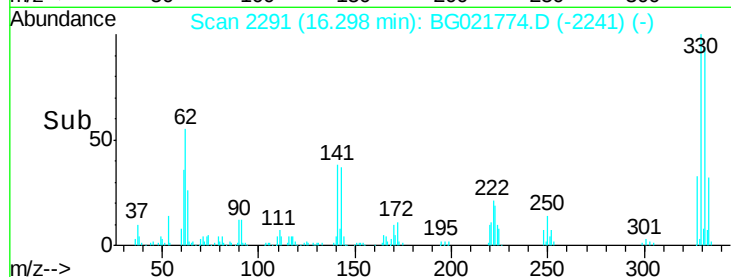
141 37.6 33.8 50.8



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

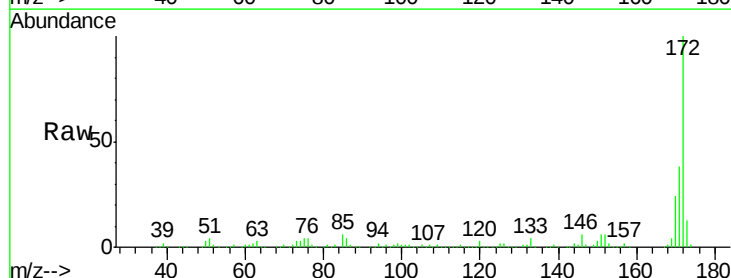
Tgt Ion:172 Resp: 404105

Ion Ratio Lower Upper

172 100

171 38.0 27.8 41.6

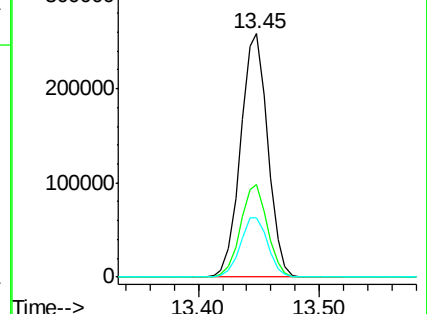
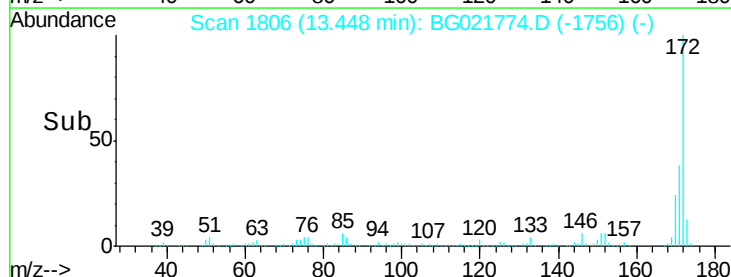
170 24.4 19.6 29.4

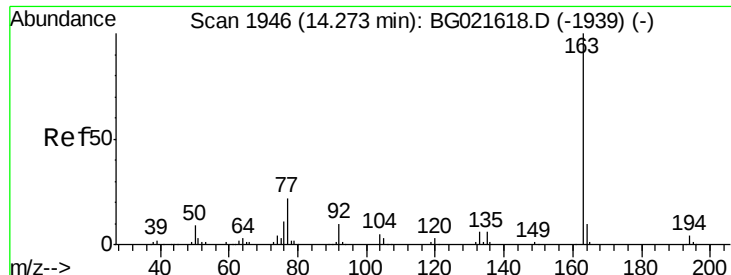


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

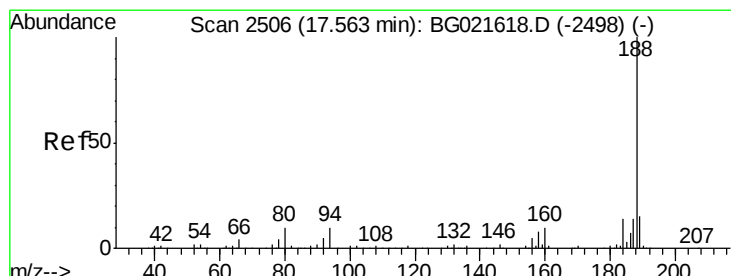
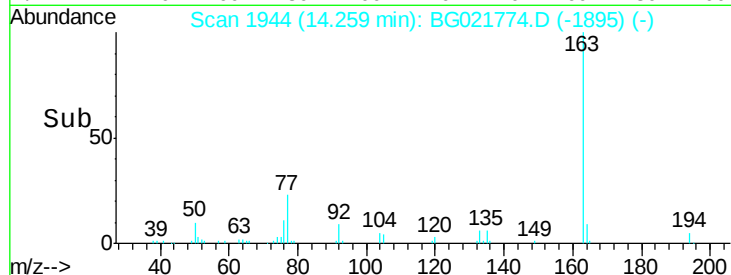
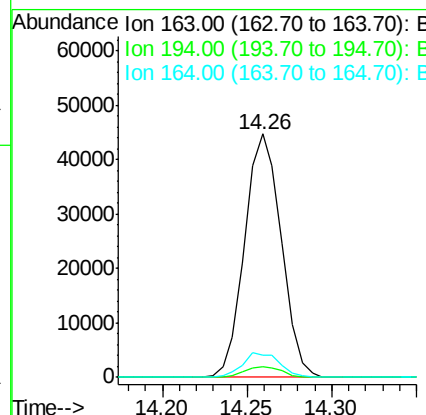
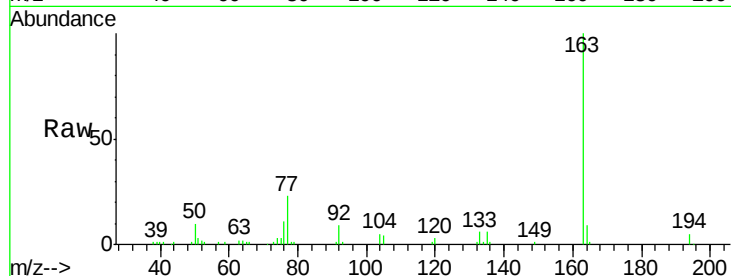




#49
Dimethylphthalate
Concen: 9.42 ng
RT: 14.26 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG021774.D
Acq: 20 Apr 2016 3:35

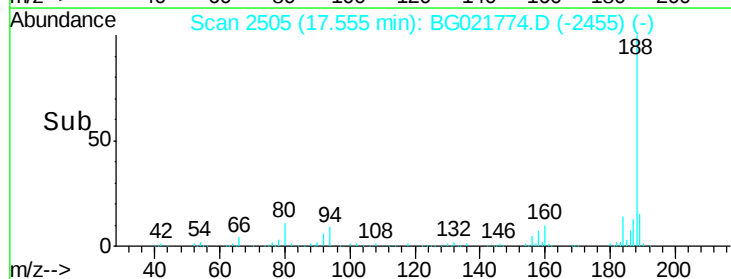
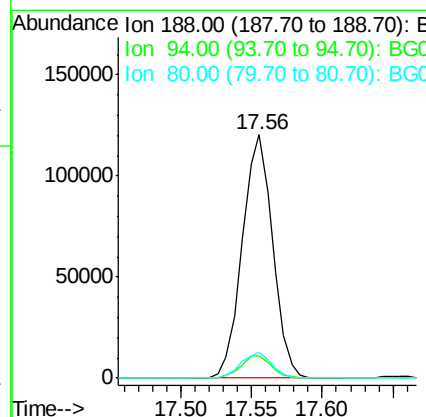
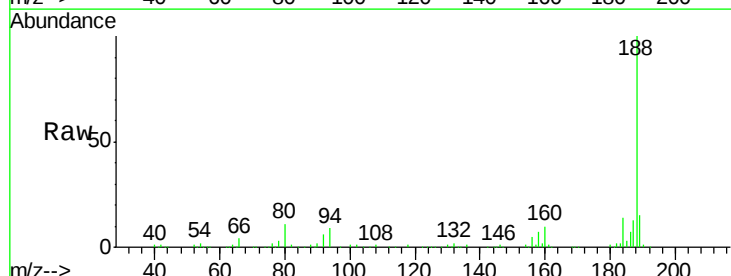
Instrument :
BNA_G
ClientSampleId :
LCF-WW2

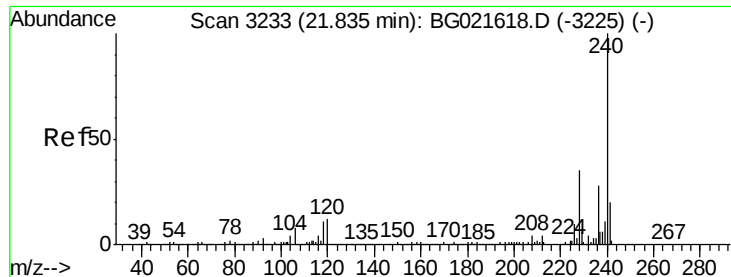
Tot Ion:163 Resp: 67277
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 9.3 8.1 12.1



#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





#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

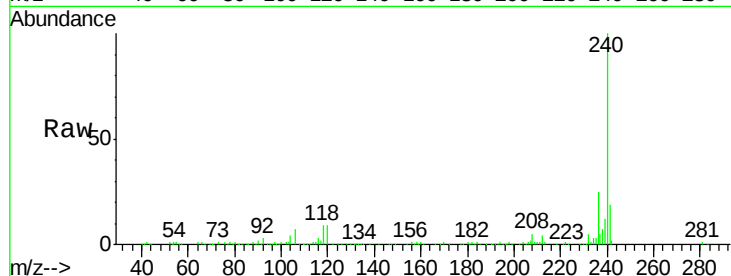
Tot Ion:240 Resp: 197362

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

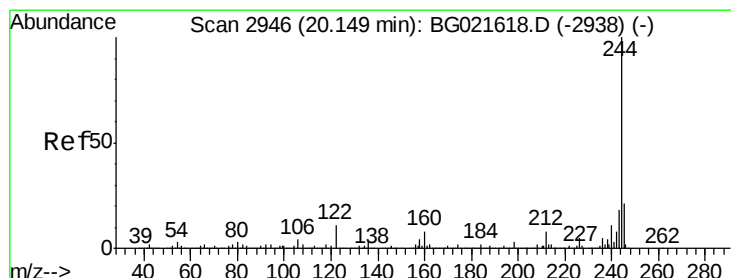
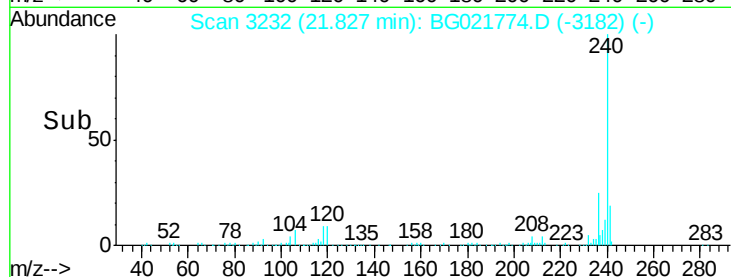
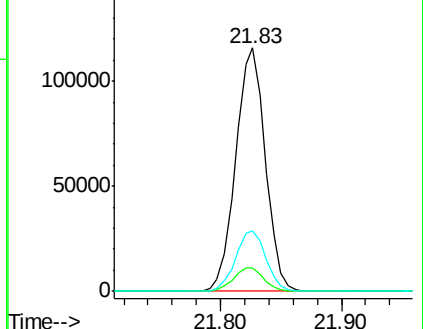
236 25.0 19.6 29.4



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

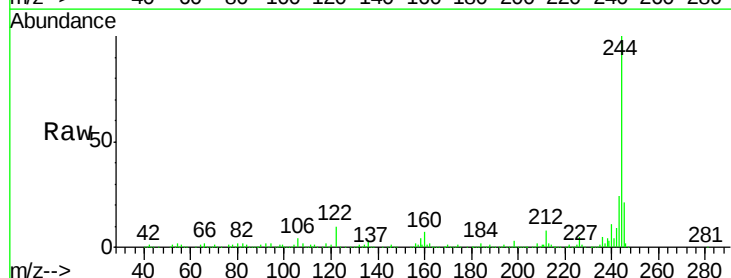
Tgt Ion:244 Resp: 551083

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

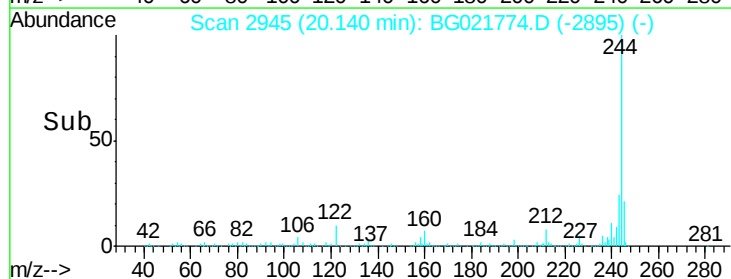
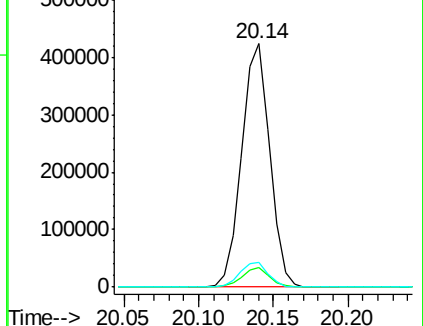
122 10.0 8.6 12.8

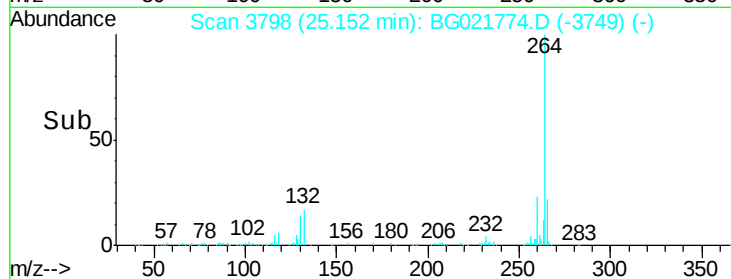
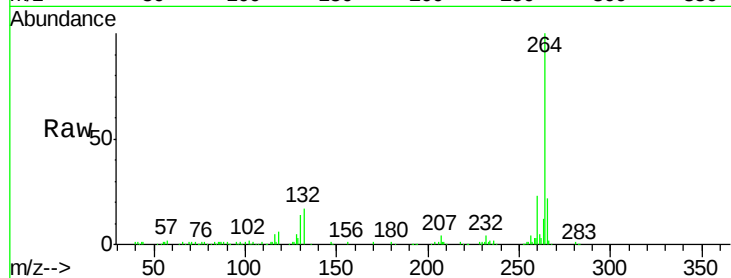
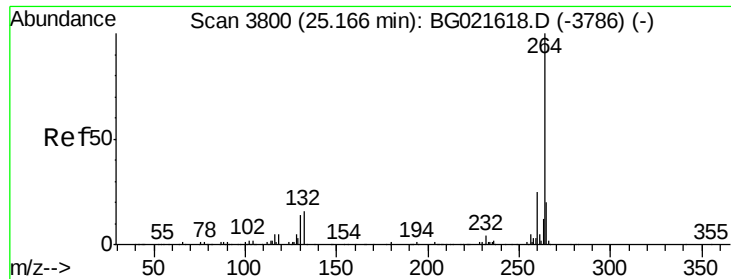


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

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

