

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021053.D
 Acq On : 24 Feb 2016 9:10
 Operator : UM/SJ
 Sample : H1507-07RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-4RE

Quant Time: Feb 24 10:05:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

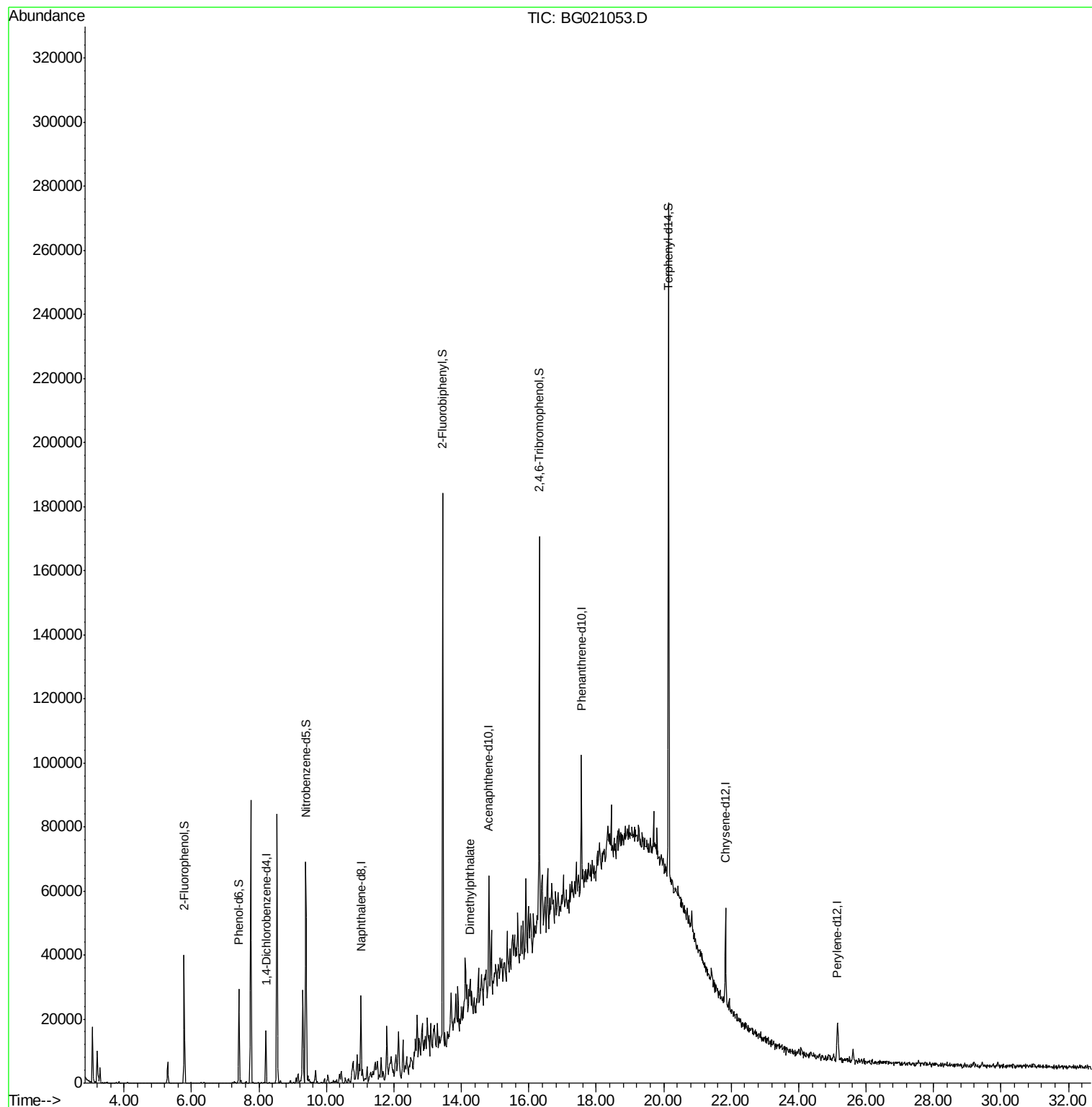
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	4932	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	20843	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	9758	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	19787	20.00	ng	0.00
75) Chrysene-d12	21.84	240	15532	20.00	ng	0.00
86) Perylene-d12	25.15	264	14230	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	19127	67.99	ng	0.00
7) Phenol-d6	7.41	99	17595	40.61	ng	0.00
23) Nitrobenzene-d5	9.39	82	44446	125.20	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	19630	167.92	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	80164	114.37	ng	0.00
78) Terphenyl-d14	20.14	244	78032	65.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	1814	2.28	ng	Qvalue # 84

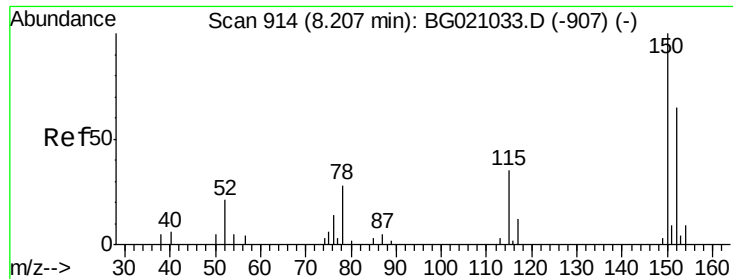
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 24 00:35:06 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG021053.D

Acq: 24 Feb 2016 9:10

Instrument :

BNA_G

ClientSampleId :

HW-4RE

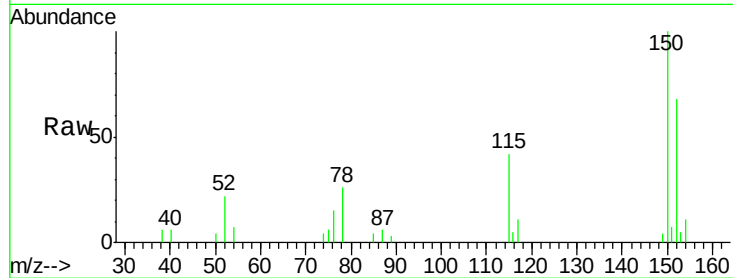
Tgt Ion:152 Resp: 4932

Ion Ratio Lower Upper

152 100

150 147.0 123.4 185.2

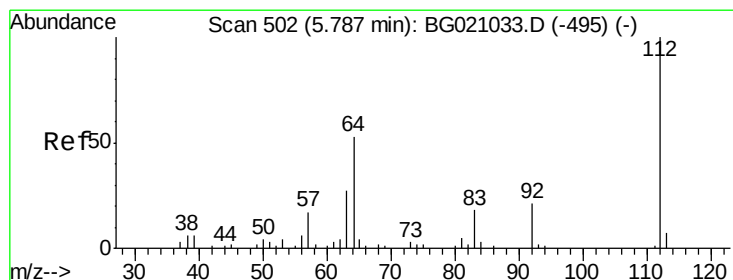
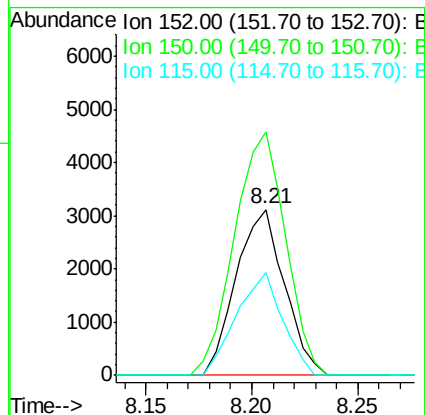
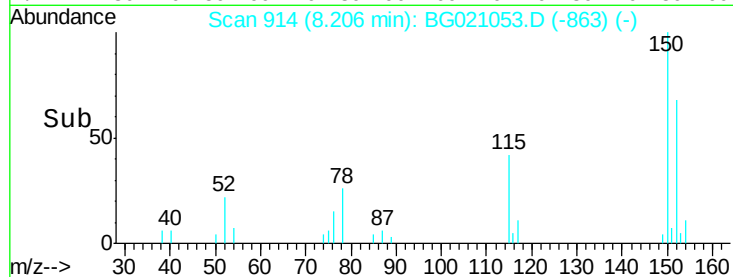
115 62.0 43.3 64.9



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: 67.99 ng

RT: 5.78 min Scan# 501

Delta R.T. -0.01 min

Lab File: BG021053.D

Acq: 24 Feb 2016 9:10

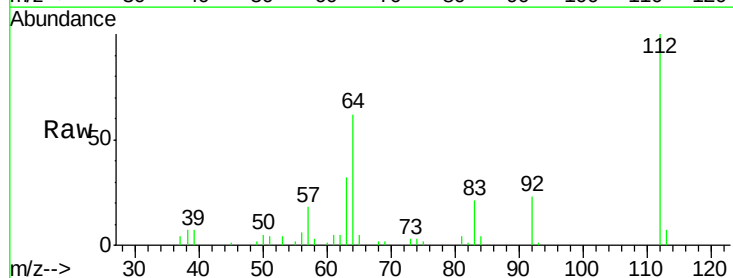
Tgt Ion:112 Resp: 19127

Ion Ratio Lower Upper

112 100

64 62.4 42.6 63.8

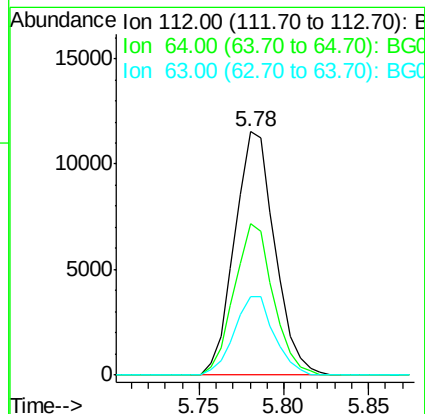
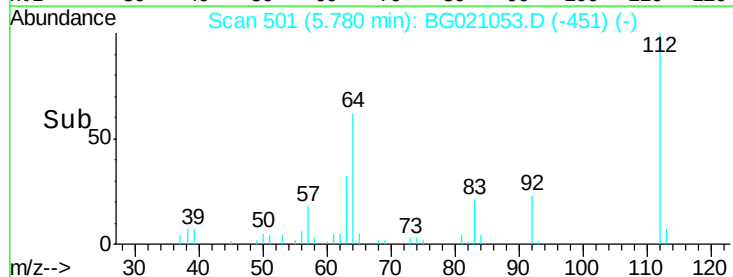
63 32.0 21.7 32.5

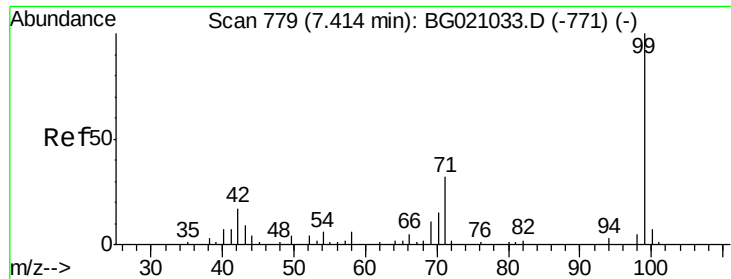


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.61 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021053.D

Acq: 24 Feb 2016 9:10

Instrument :

BNA_G

ClientSampleId :

HW-4RE

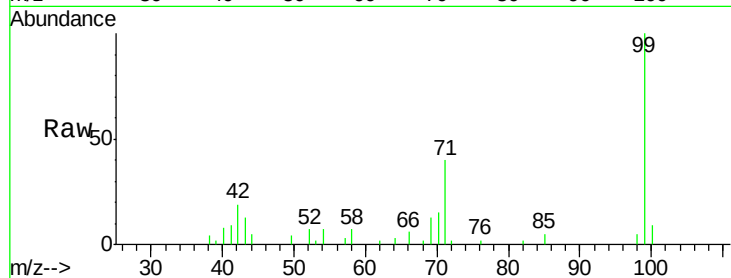
Tgt Ion: 99 Resp: 17595

Ion Ratio Lower Upper

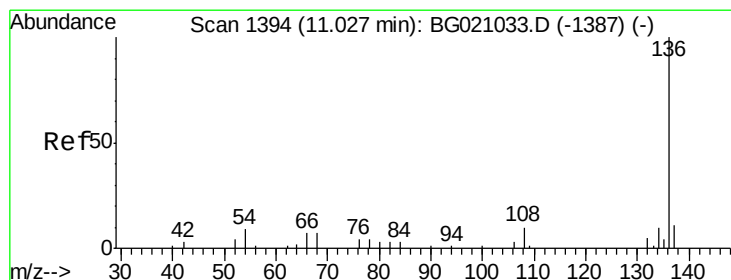
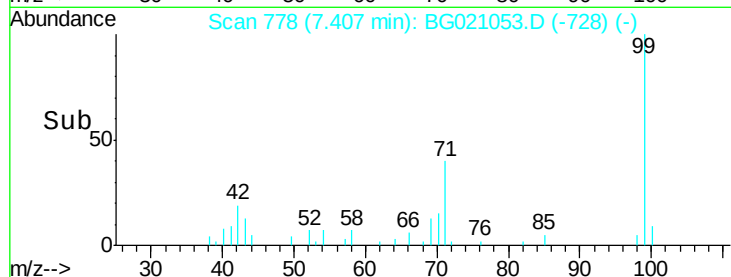
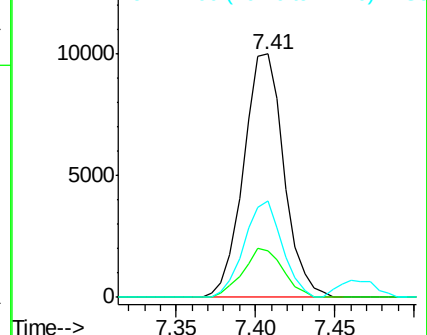
99 100

42 19.2 13.2 19.8

71 39.7 25.2 37.8#



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: 11.02 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BG021053.D

Acq: 24 Feb 2016 9:10

Tgt Ion: 136 Resp: 20843

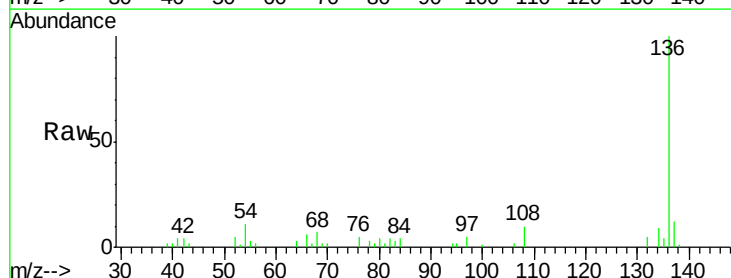
Ion Ratio Lower Upper

136 100

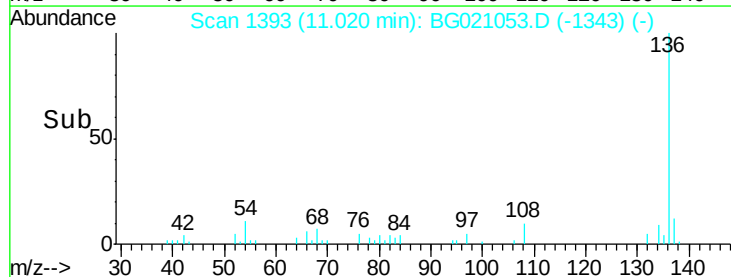
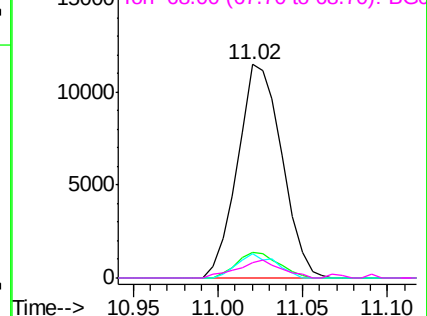
137 12.1 8.8 13.2

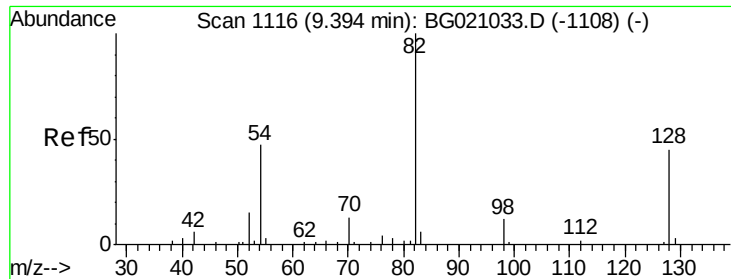
54 11.2 6.9 10.3#

68 7.1 5.8 8.6



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

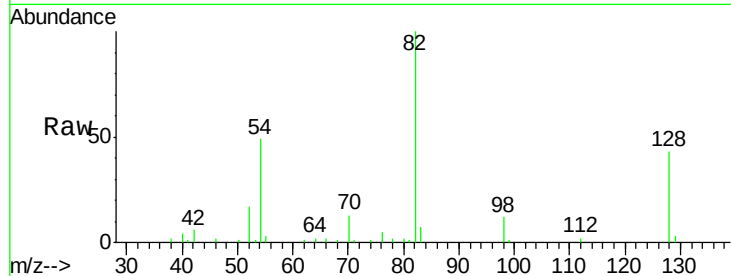




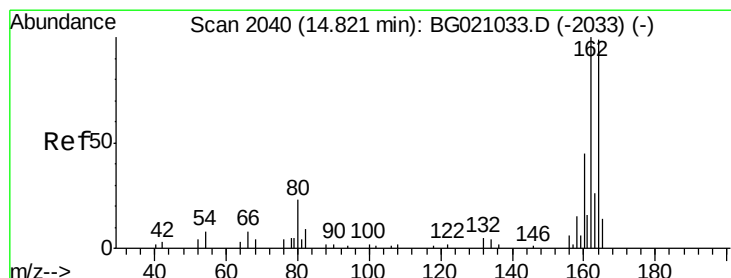
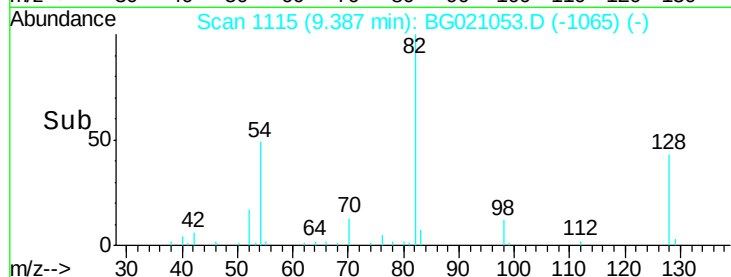
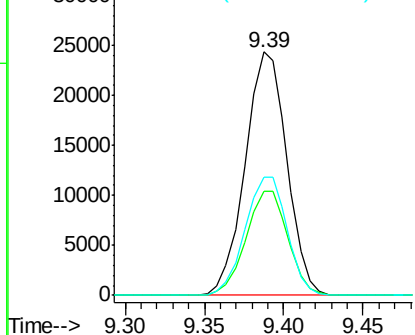
#23
Nitrobenzene-d5
Concen: 125.20 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG021053.D
Acq: 24 Feb 2016 9:10

Instrument :
BNA_G
ClientSampleId :
HW-4RE

Tgt Ion: 82 Resp: 44446
Ion Ratio Lower Upper
82 100
128 42.9 36.3 54.5
54 48.6 37.6 56.4

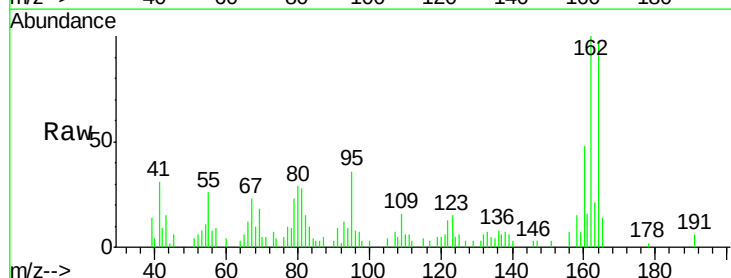


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

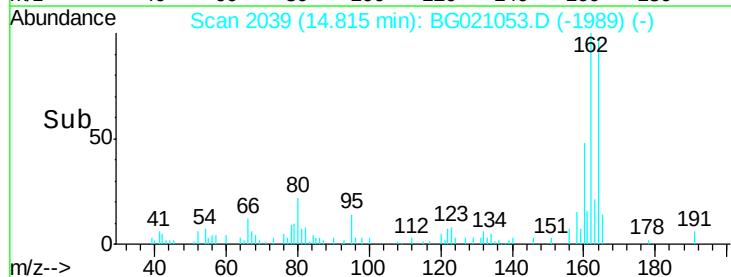
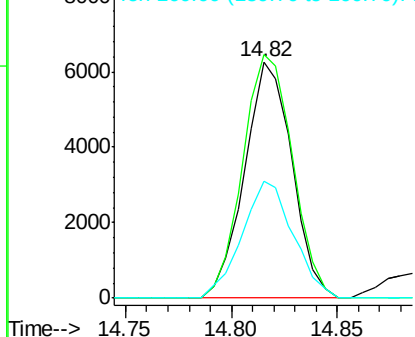


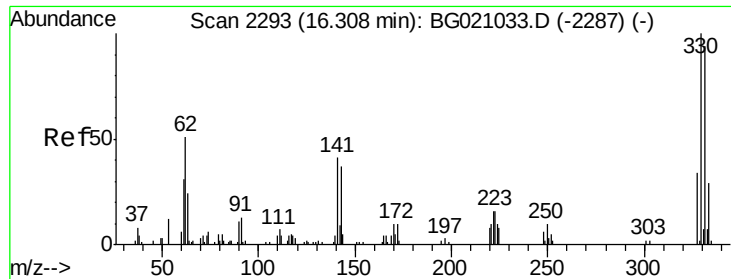
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021053.D
Acq: 24 Feb 2016 9:10

Tgt Ion: 164 Resp: 9758
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 49.6 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

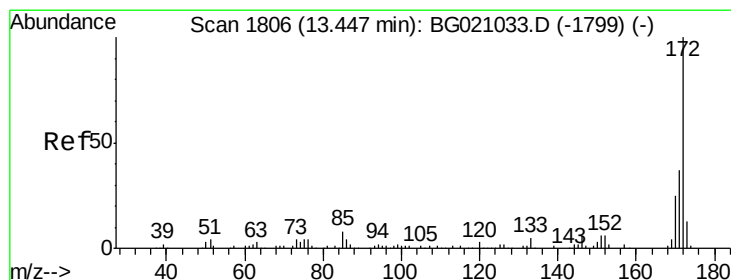
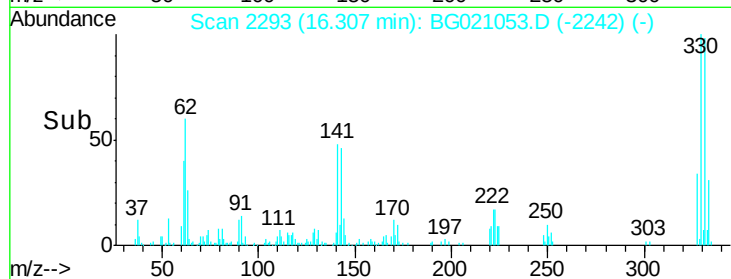
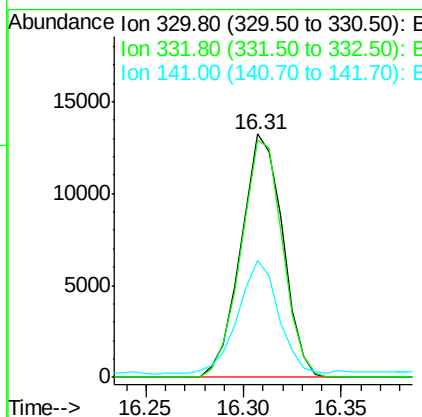
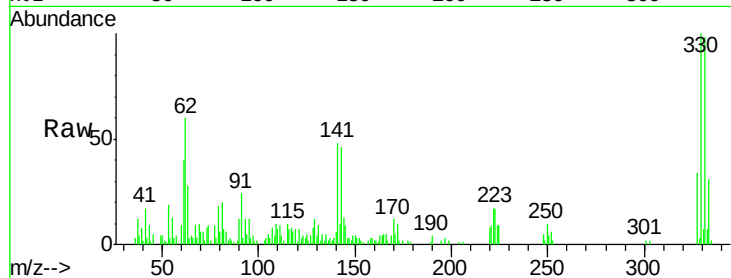




#41
 2,4,6-Tribromophenol
 Concen: 167.92 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG021053.D
 Acq: 24 Feb 2016 9:10

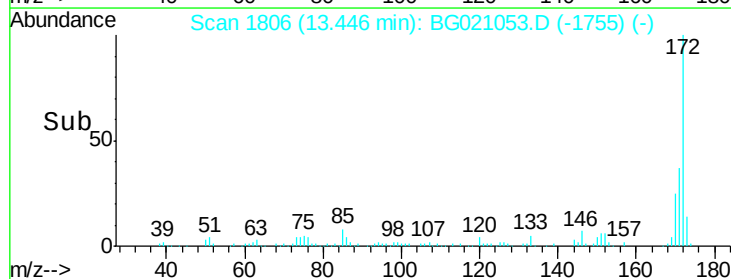
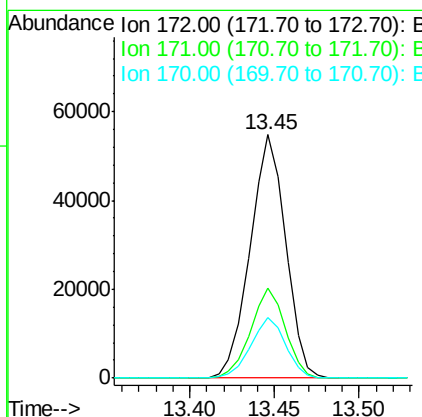
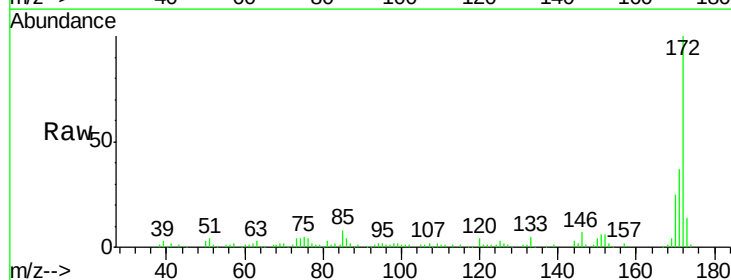
Instrument :
 BNA_G
 ClientSampleId :
 HW-4RE

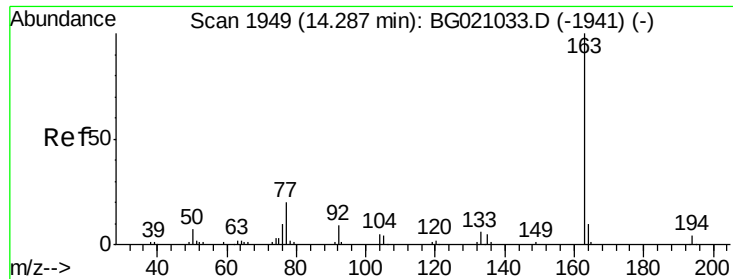
Tgt Ion:330 Resp: 19630
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 44.8 35.3 52.9



#44
 2-Fluorobiphenyl
 Concen: 114.37 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021053.D
 Acq: 24 Feb 2016 9:10

Tgt Ion:172 Resp: 80164
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.7 19.8 29.8





#49

Dimethylphthalate

Concen: 2.28 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021053.D

Acq: 24 Feb 2016 9:10

Instrument :

BNA_G

ClientSampleId :

HW-4RE

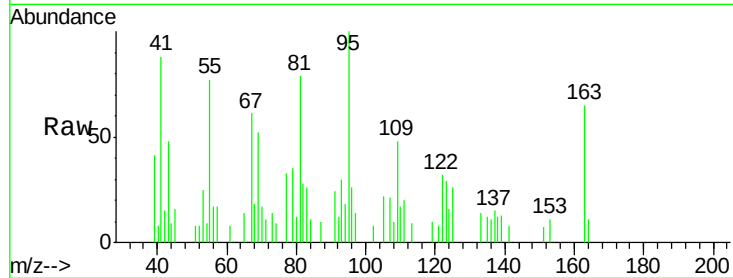
Tgt Ion:163 Resp: 1814

Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

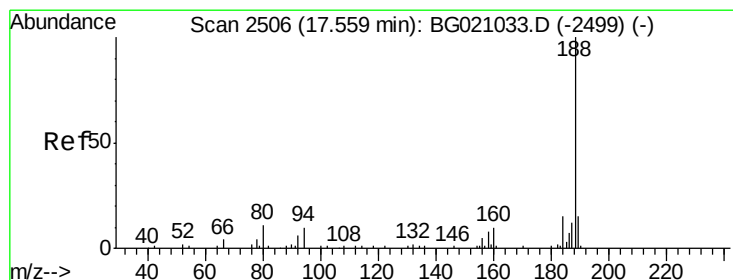
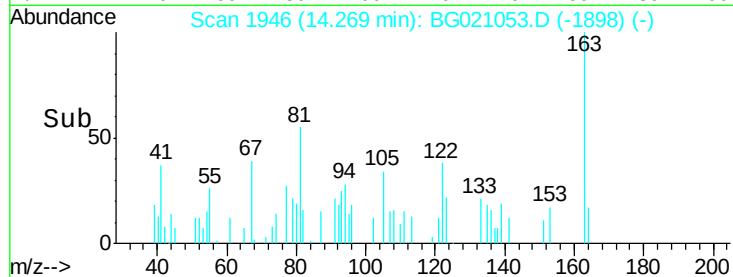
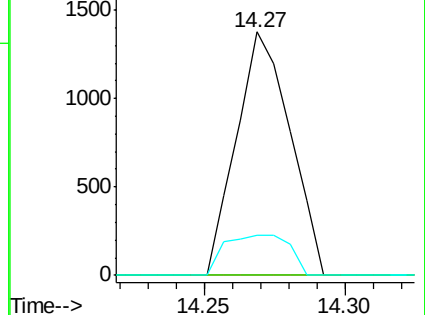
164 16.6 7.9 11.9#



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# 2506

Delta R.T. -0.00 min

Lab File: BG021053.D

Acq: 24 Feb 2016 9:10

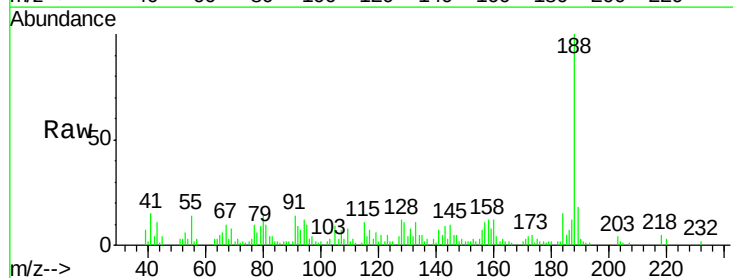
Tgt Ion:188 Resp: 19787

Ion Ratio Lower Upper

188 100

94 12.5 8.2 12.4#

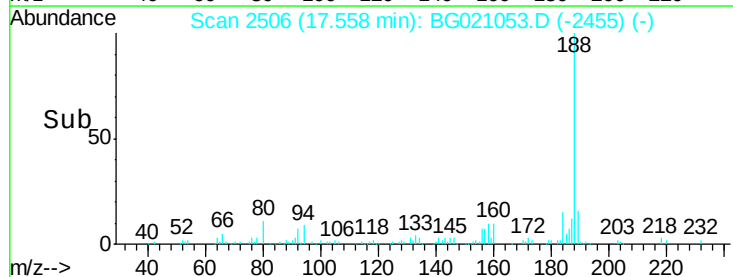
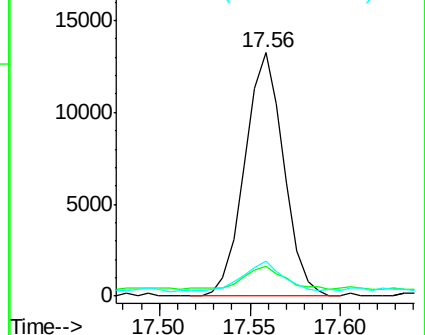
80 14.3 9.2 13.8#

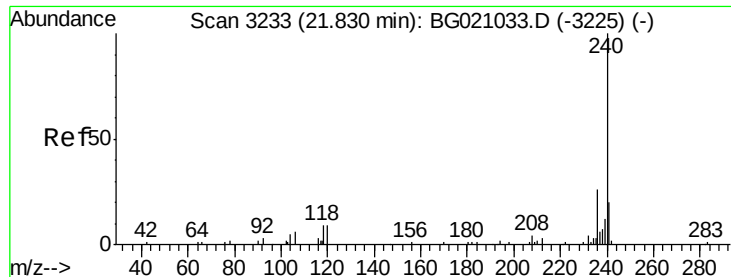


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG021053.D

Acq: 24 Feb 2016 9:10

Instrument :

BNA_G

ClientSampleId :

HW-4RE

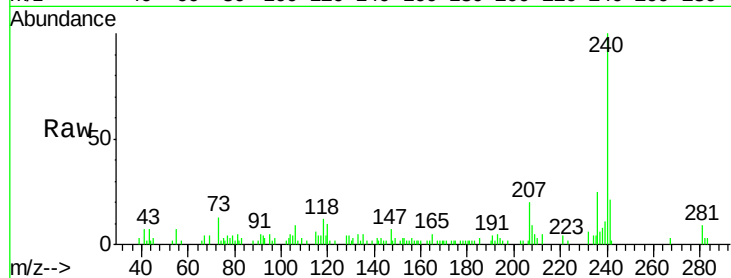
Tgt Ion:240 Resp: 15532

Ion Ratio Lower Upper

240 100

120 10.0 7.5 11.3

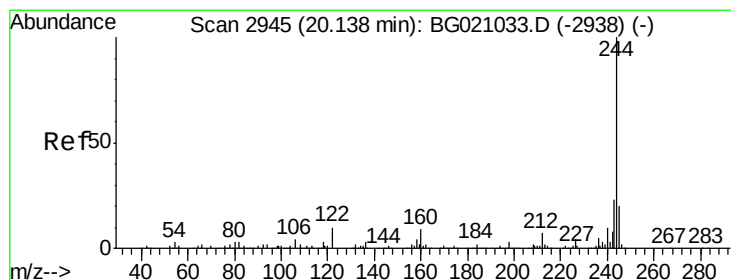
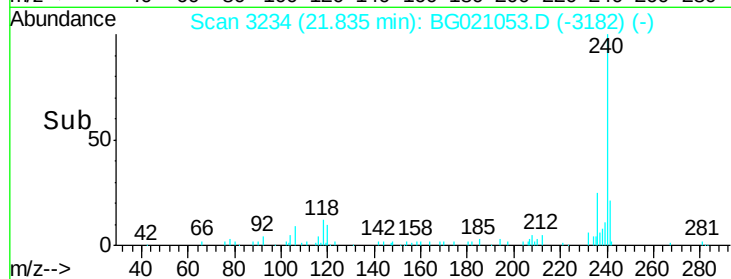
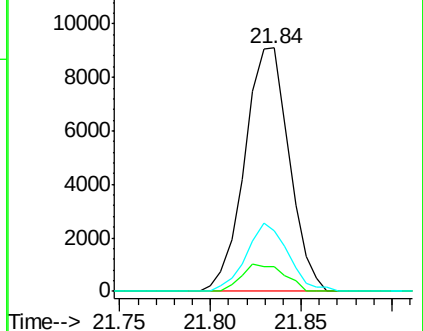
236 24.9 20.5 30.7



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: 65.19 ng

RT: 20.14 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BG021053.D

Acq: 24 Feb 2016 9:10

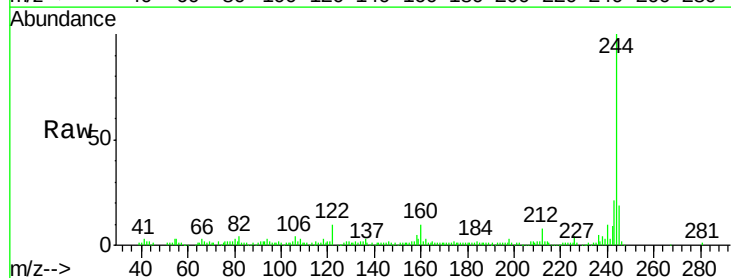
Tgt Ion:244 Resp: 78032

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

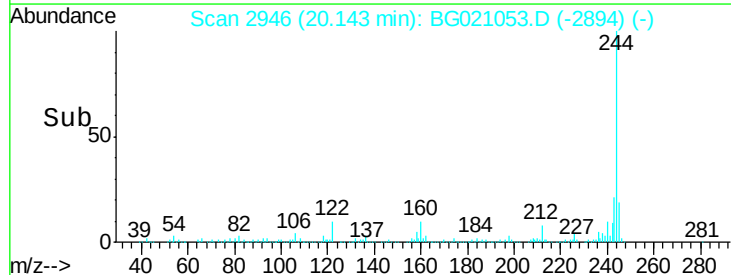
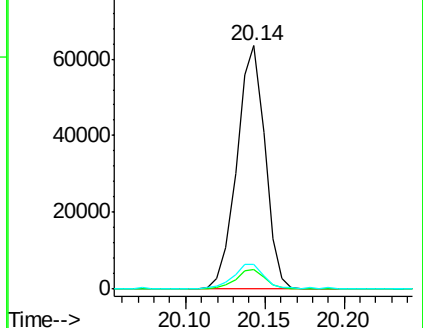
122 10.3 8.3 12.5

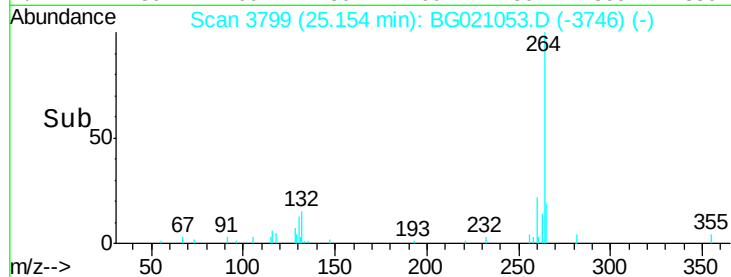
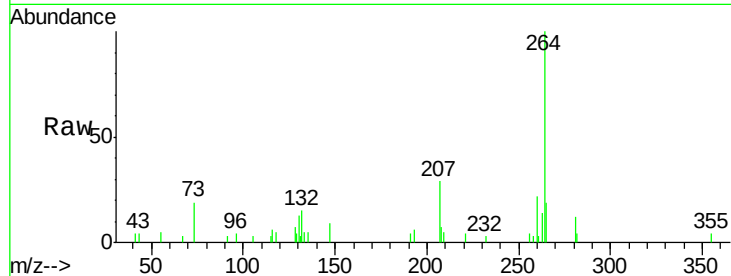
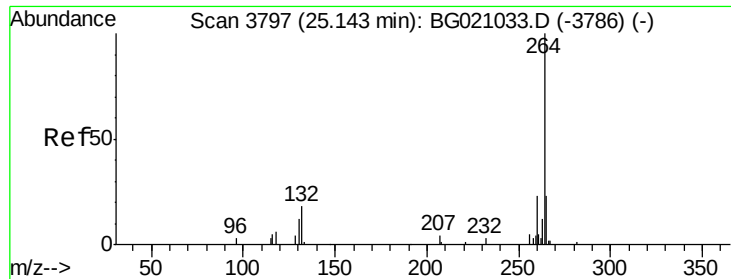


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3799

Delta R.T. 0.01 min

Lab File: BG021053.D

Acq: 24 Feb 2016 9:10

Instrument :

BNA_G

ClientSampleId :

HW-4RE

Tgt Ion: 264 Resp: 14230

Ion Ratio Lower Upper

264 100

260 21.9 18.5 27.7

265 18.5 18.6 28.0#

