

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021216\
 Data File : BG020902.D
 Acq On : 12 Feb 2016 21:08
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 13 03:41:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\625-TERPINEOL-BG021216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 18:22:09 2016
 Response via : Initial Calibration

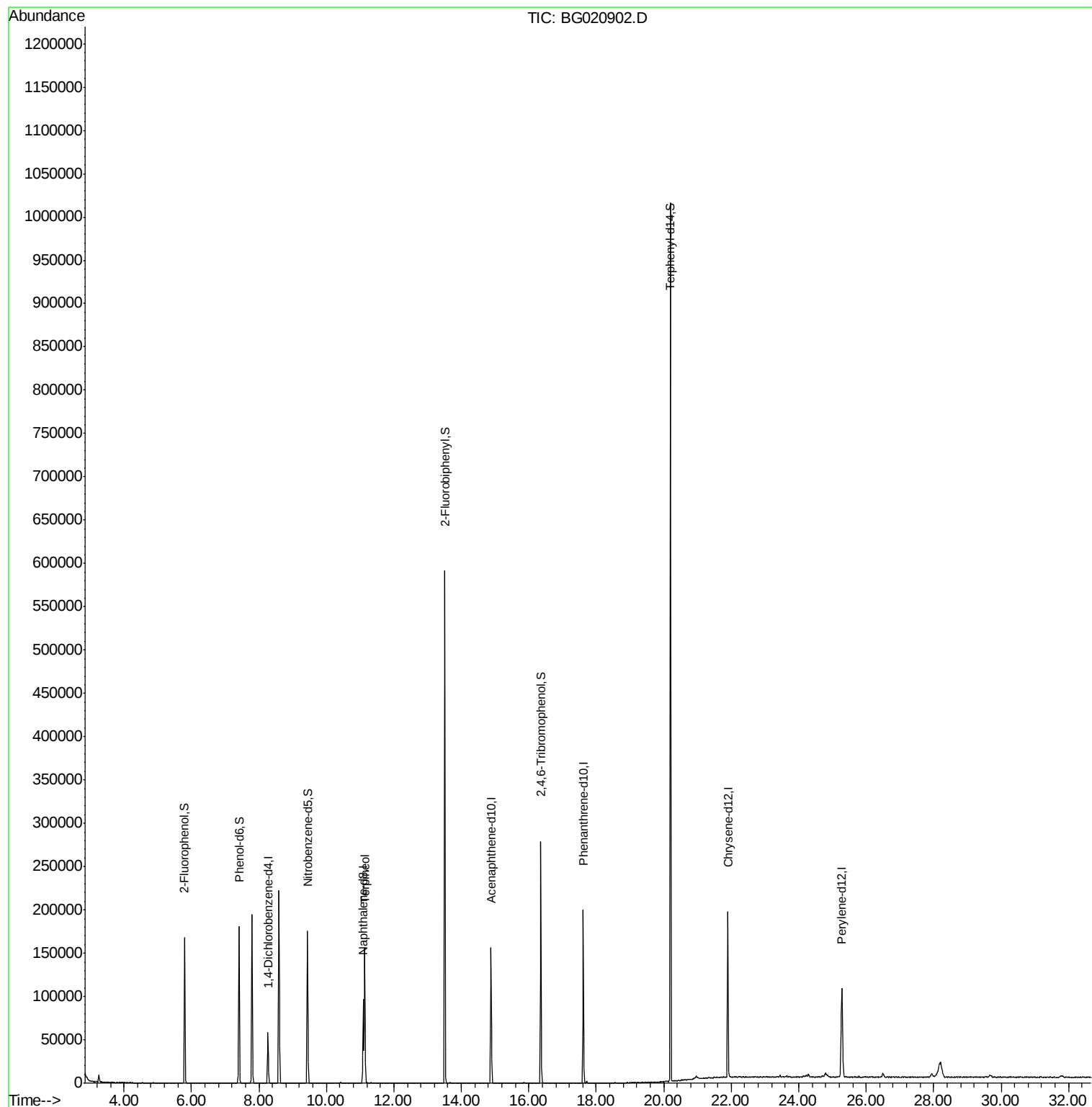
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18546	20.00	ng	0.00
4) Naphthalene-d8	11.09	136	93279	20.00	ng	0.00
7) Acenaphthene-d10	14.88	164	56038	20.00	ng	0.00
10) Phenanthrene-d10	17.62	188	120033	20.00	ng	0.00
11) Chrysene-d12	21.90	240	113462	20.00	ng	0.00
13) Perylene-d12	25.28	264	104384	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.80	112	96489	80.85	ng	0.00
3) Phenol-d6	7.41	99	135946	76.08	ng	0.00
5) Nitrobenzene-d5	9.44	82	116917	80.62	ng	0.00
8) 2,4,6-Tribromophenol	16.36	330	52340	85.55	ng	0.00
9) 2-Fluorobiphenyl	13.51	172	317916	80.40	ng	0.00
12) Terphenyl-d14	20.20	244	436843	81.16	ng	0.00
Target Compounds						
6) Terpineol	11.14	59	43048	40.89	ng	Qvalue # 35

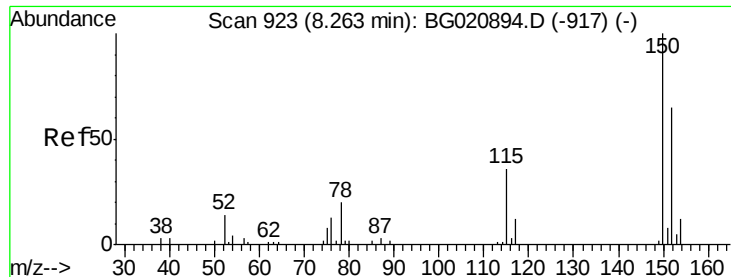
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.01 min

Lab File: BG020902.D

Acq: 12 Feb 2016 21:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

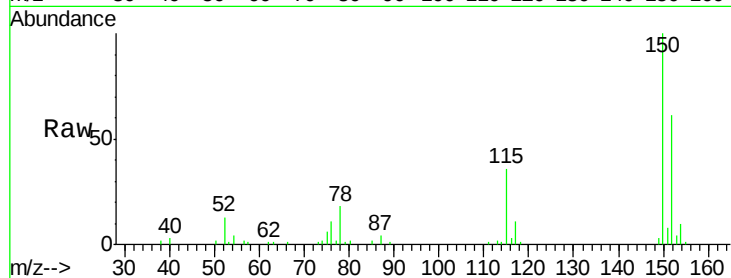
Tgt Ion:152 Resp: 18546

Ion Ratio Lower Upper

152 100

150 163.3 119.8 179.6

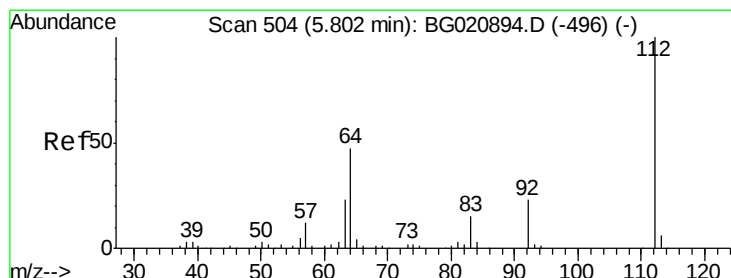
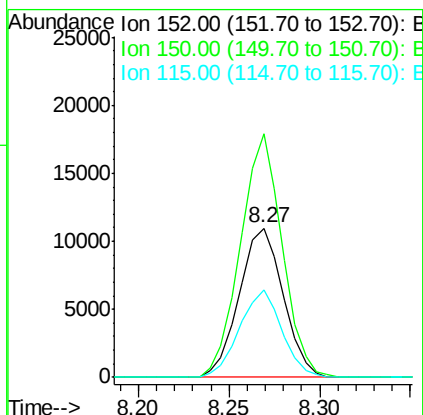
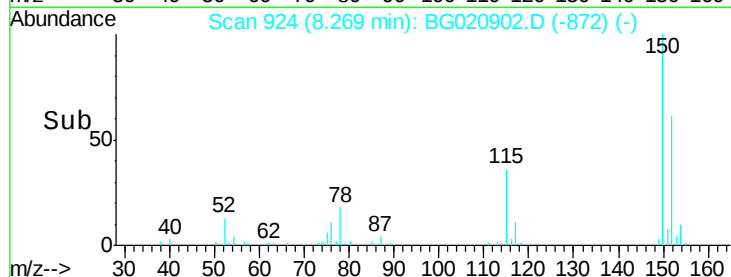
115 58.4 49.6 74.4



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



#2

2-Fluorophenol

Concen: 80.85 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020902.D

Acq: 12 Feb 2016 21:08

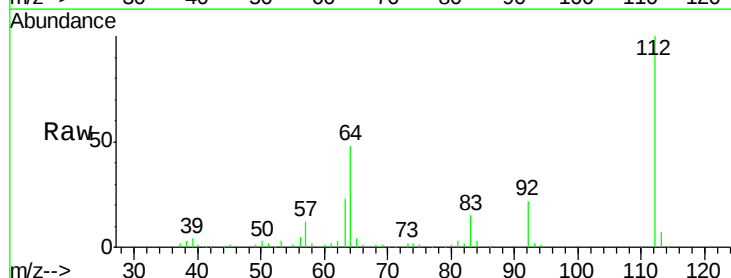
Tgt Ion:112 Resp: 96489

Ion Ratio Lower Upper

112 100

64 48.2 43.5 65.3

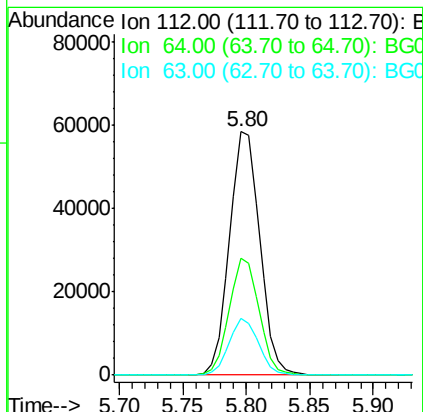
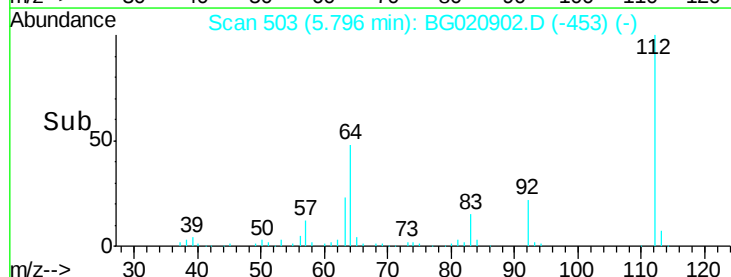
63 23.1 32.2 48.2#

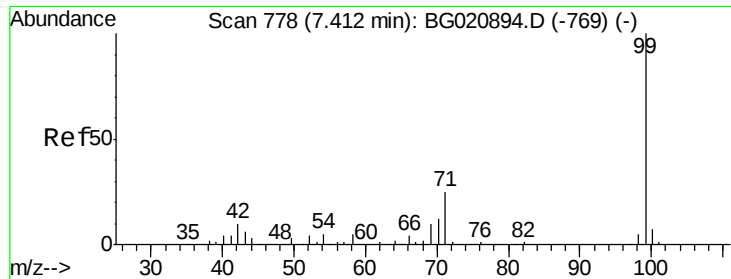


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#3

Phenol-d6

Concen: 76.08 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020902.D

Acq: 12 Feb 2016 21:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

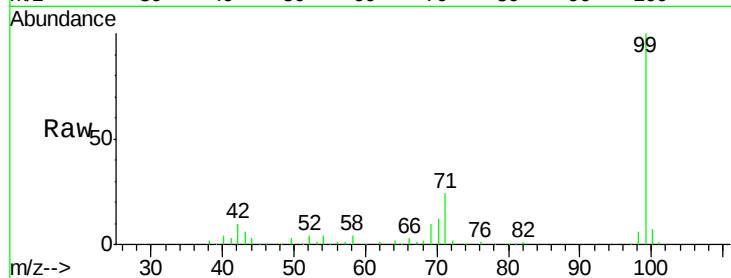
Tgt Ion: 99 Resp: 135946

Ion Ratio Lower Upper

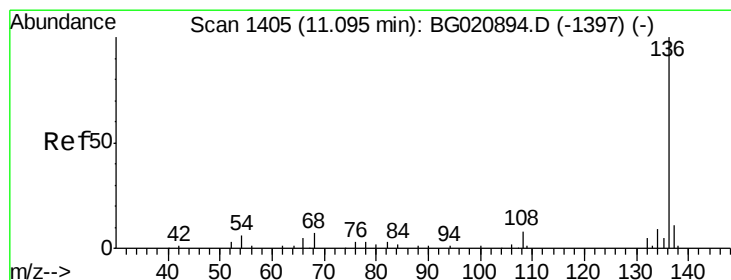
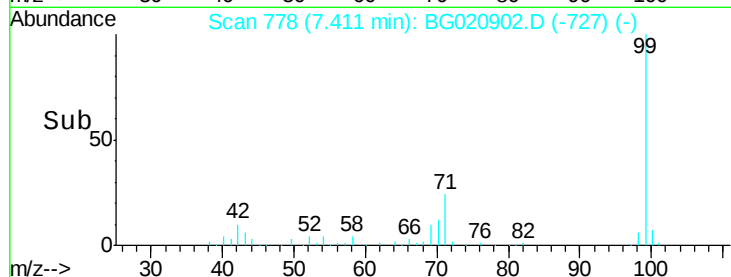
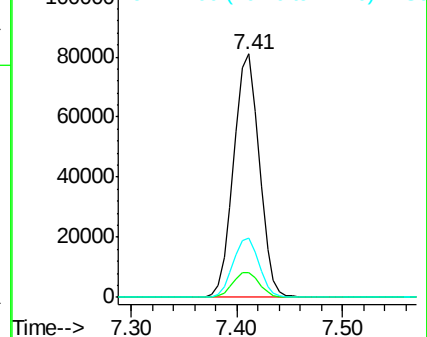
99 100

42 10.1 18.8 28.2#

71 24.2 53.8 80.8#



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



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG020902.D

Acq: 12 Feb 2016 21:08

Tgt Ion: 136 Resp: 93279

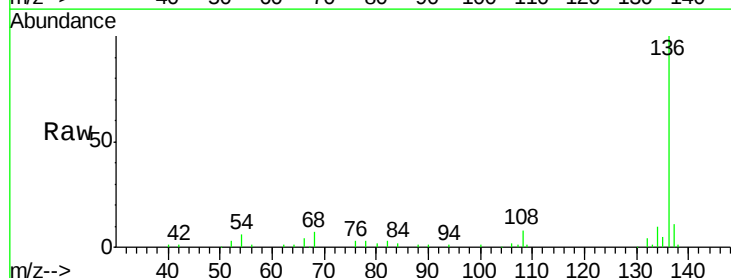
Ion Ratio Lower Upper

136 100

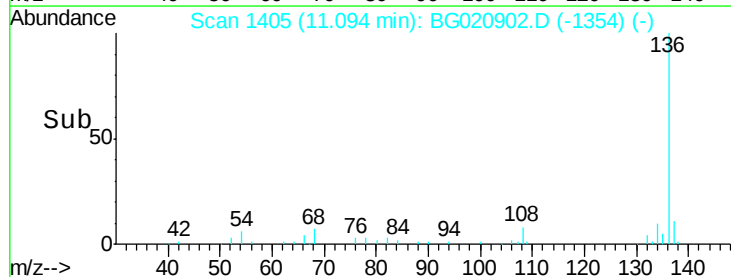
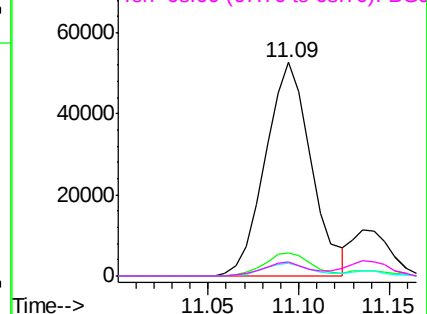
137 11.0 9.0 13.4

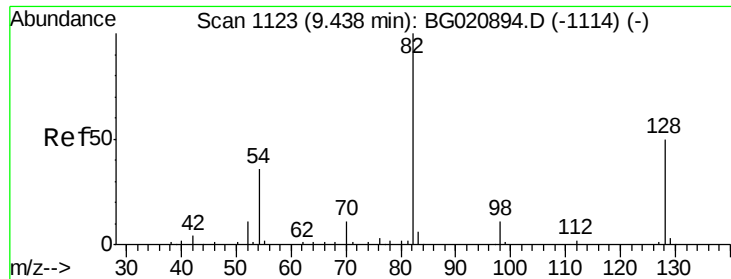
54 5.8 4.4 6.6

68 6.7 5.0 7.6



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





#5

Nitrobenzene-d5

Concen: 80.62 ng

RT: 9.44 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG020902.D

Acq: 12 Feb 2016 21:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

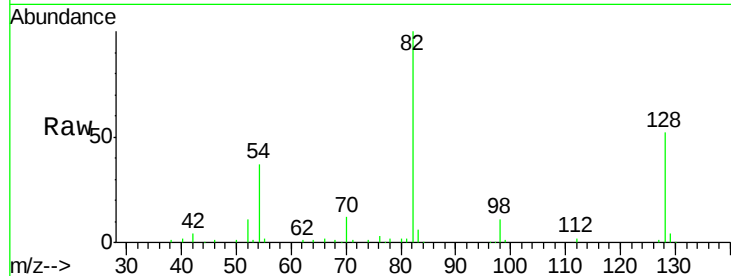
Tgt Ion: 82 Resp: 116917

Ion Ratio Lower Upper

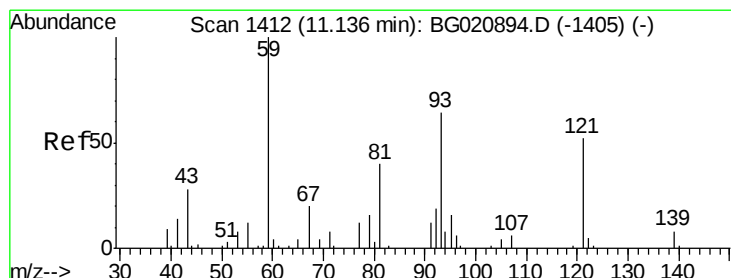
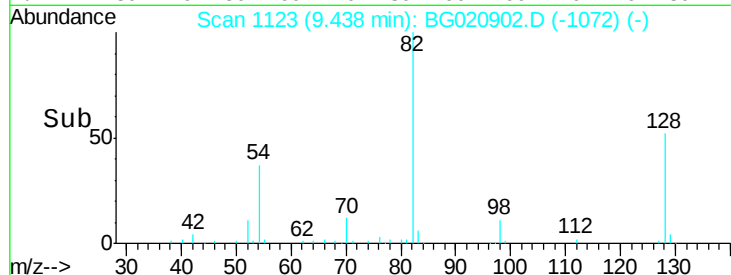
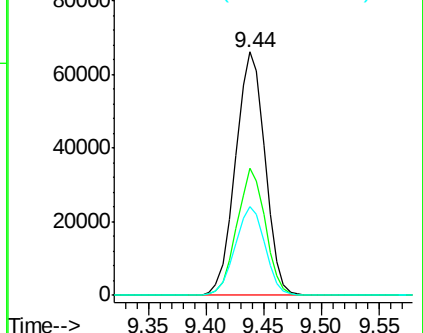
82 100

128 52.0 29.0 43.4#

54 36.7 34.5 51.7



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



#6

Terpineol

Concen: 40.89 ng

RT: 11.14 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BG020902.D

Acq: 12 Feb 2016 21:08

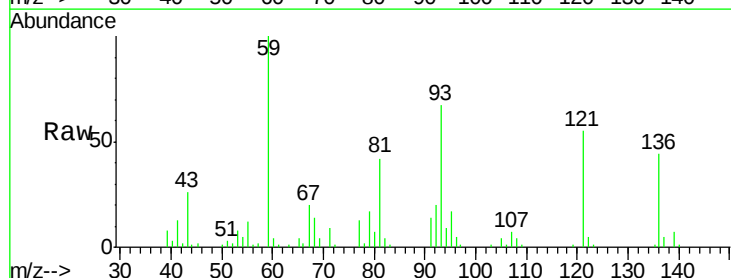
Tgt Ion: 59 Resp: 43048

Ion Ratio Lower Upper

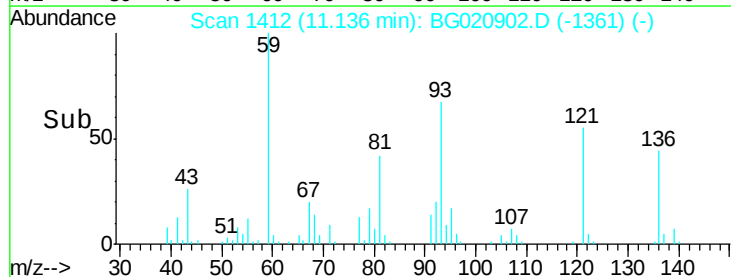
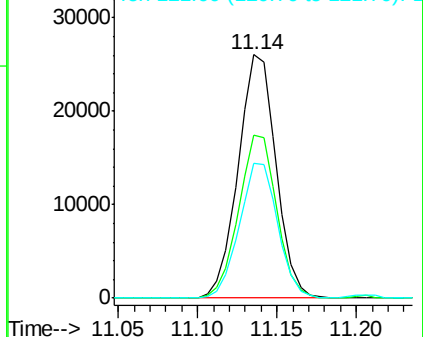
59 100

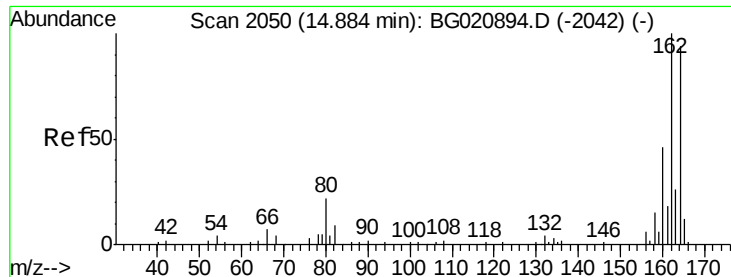
93 66.7 118.9 178.3#

121 55.3 104.3 156.5#



Abundance Ion 59.00 (58.70 to 59.70): BGC
Ion 93.00 (92.70 to 93.70): BGC
Ion 121.00 (120.70 to 121.70): BGC





#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG020902.D

Acq: 12 Feb 2016 21:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

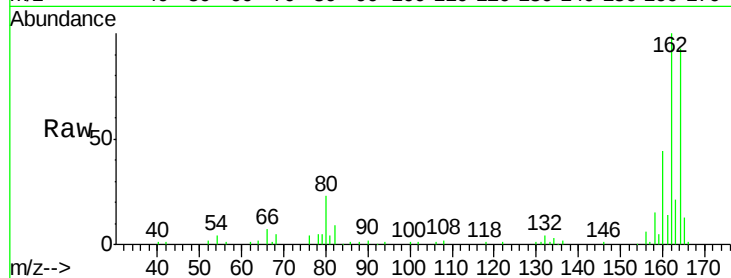
Tgt Ion:164 Resp: 56038

Ion Ratio Lower Upper

164 100

162 107.5 74.5 111.7

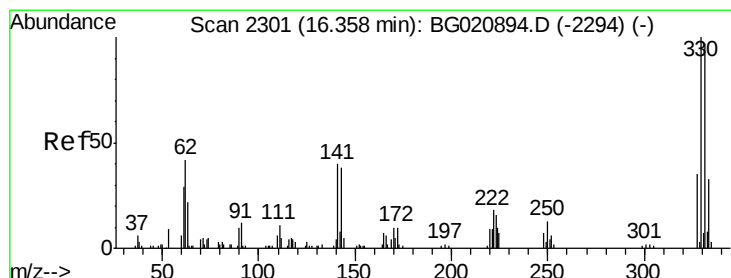
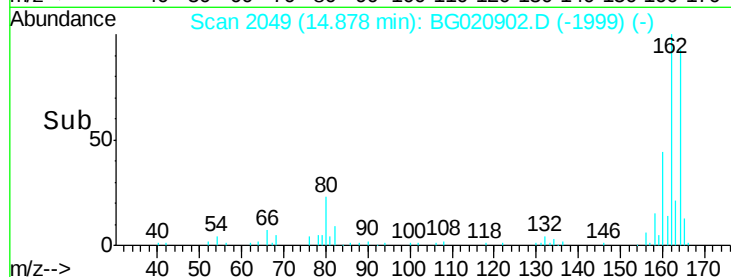
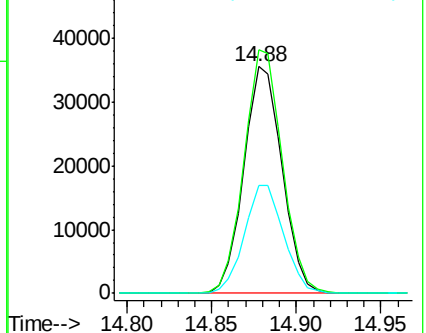
160 47.5 32.7 49.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#8

2,4,6-Tribromophenol

Concen: 85.55 ng

RT: 16.36 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BG020902.D

Acq: 12 Feb 2016 21:08

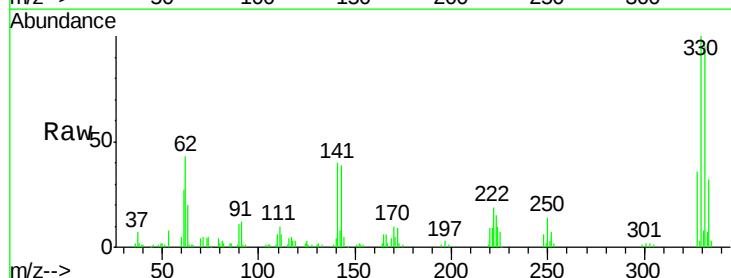
Tgt Ion:330 Resp: 52340

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

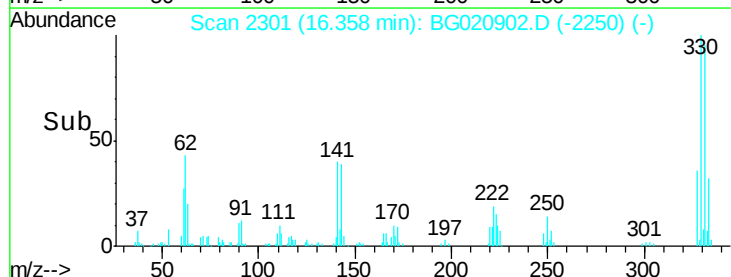
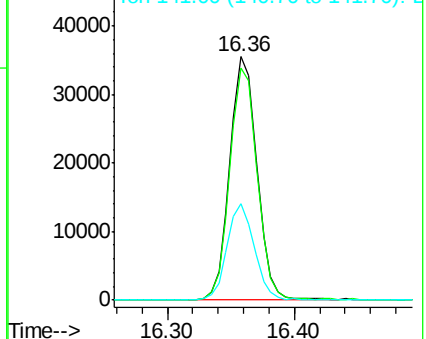
141 39.6 37.0 55.4

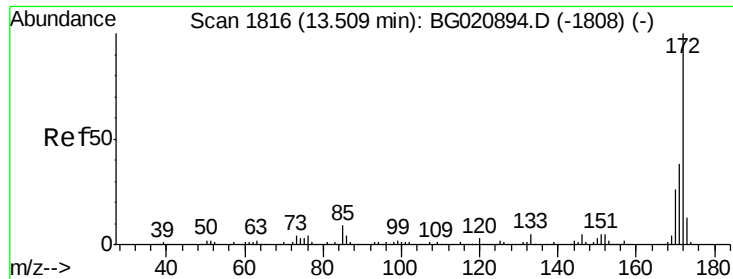


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

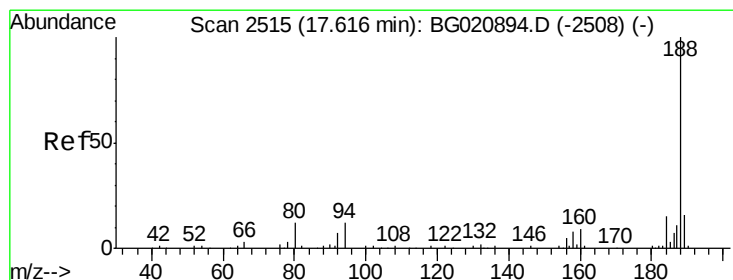
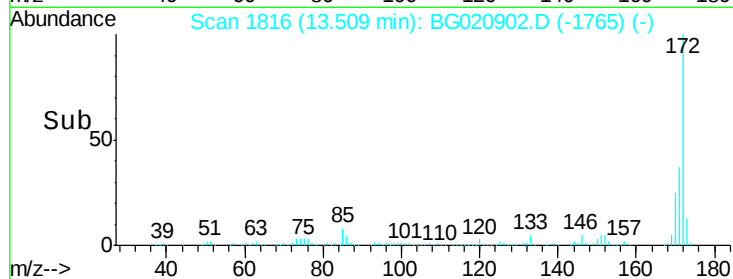
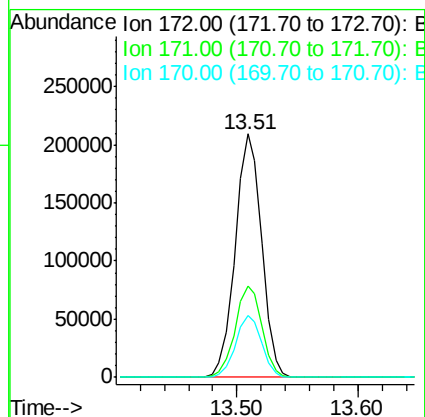
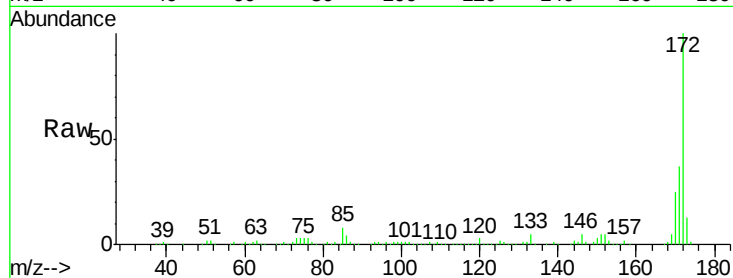




#9
 2-Fluorobiphenyl
 Concen: 80.40 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG020902.D
 Acq: 12 Feb 2016 21:08

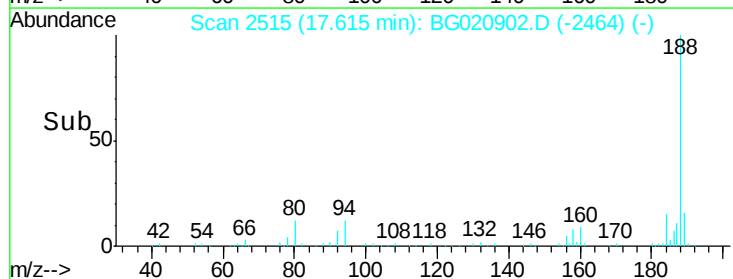
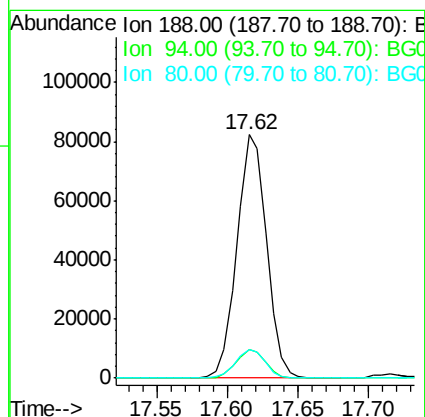
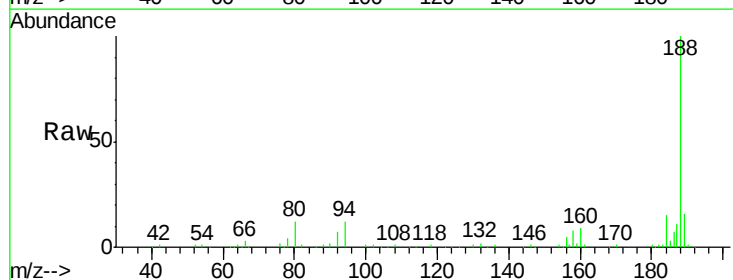
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

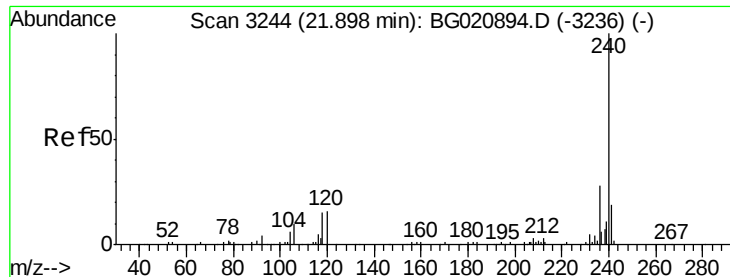
Tgt Ion:172 Resp: 317916
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.1 46.7
 170 25.2 19.0 28.4



#10
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BG020902.D
 Acq: 12 Feb 2016 21:08

Tgt Ion:188 Resp: 120033
 Ion Ratio Lower Upper
 188 100
 94 12.0 4.6 7.0#
 80 11.9 5.6 8.4#





#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BG020902.D

Acq: 12 Feb 2016 21:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

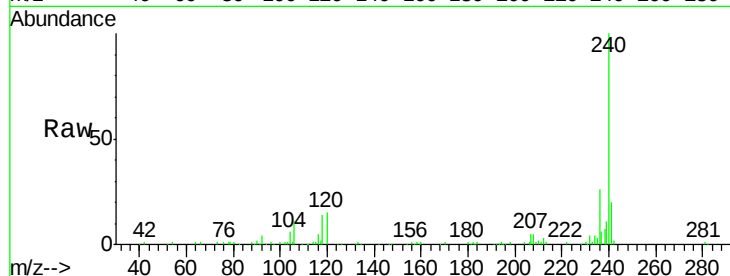
Tgt Ion:240 Resp: 113462

Ion Ratio Lower Upper

240 100

120 14.7 2.4 3.6#

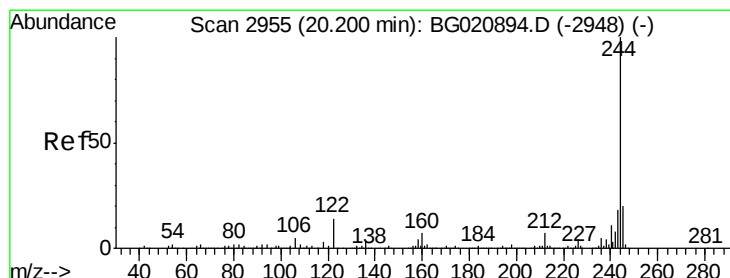
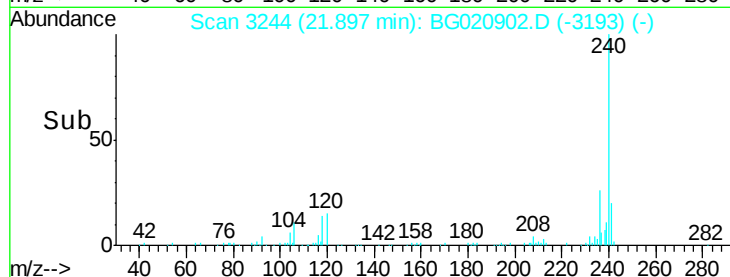
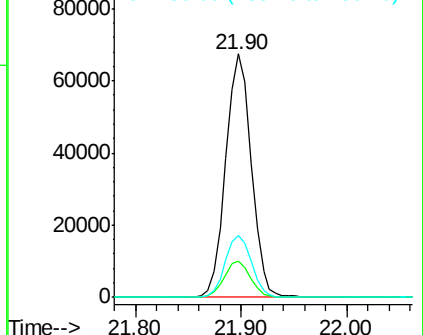
236 25.6 19.5 29.3



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



#12

Terphenyl-d14

Concen: 81.16 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG020902.D

Acq: 12 Feb 2016 21:08

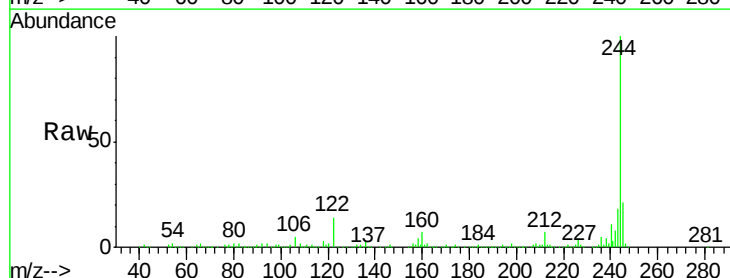
Tgt Ion:244 Resp: 436843

Ion Ratio Lower Upper

244 100

212 6.7 6.7 10.1

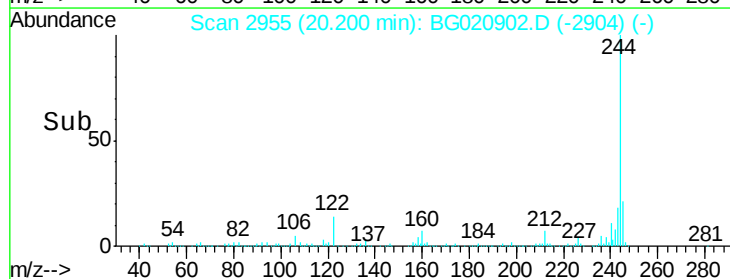
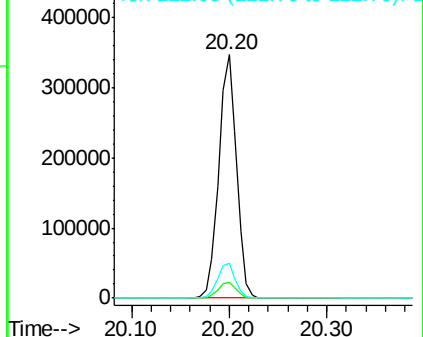
122 14.2 4.3 6.5#

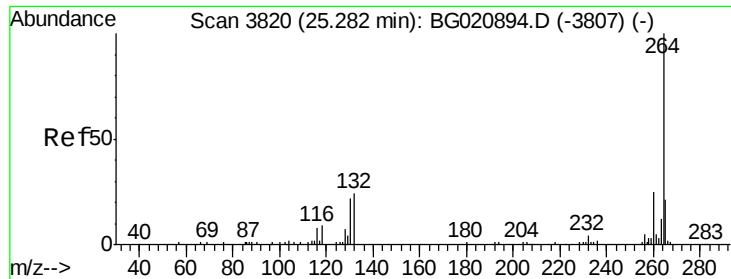


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

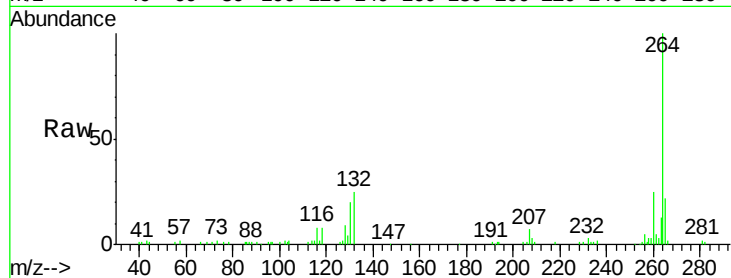




#13
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.00 min
Lab File: BG020902.D
Acq: 12 Feb 2016 21:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.3	25.9
265	21.8	17.9	26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

