

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021216\
 Data File : BG020897.D
 Acq On : 12 Feb 2016 17:52
 Operator : SJ/UM
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Quant Time: Feb 12 18:29:23 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 16:42:02 2016
 Response via : Initial Calibration

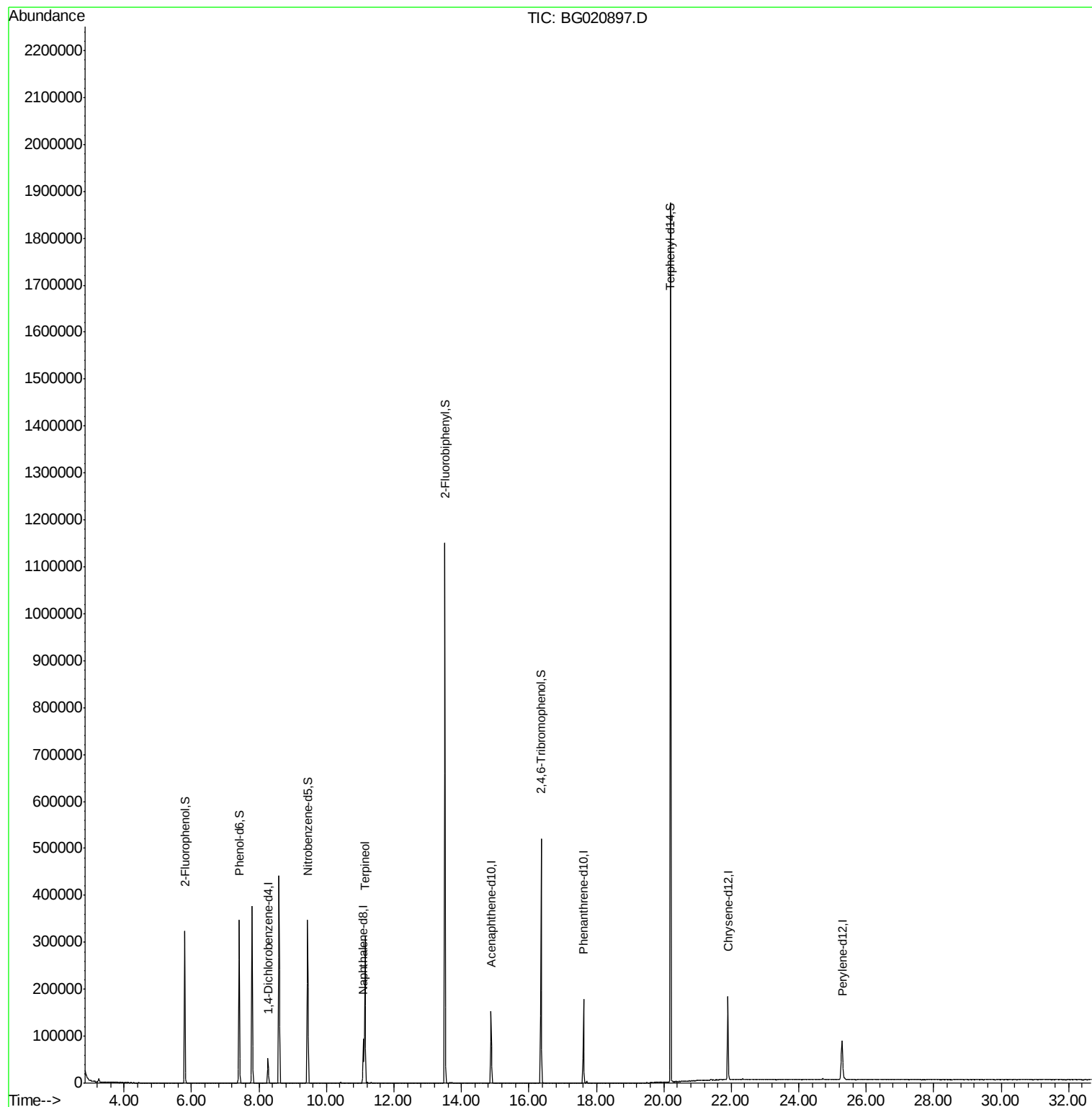
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	17393	20.00	ng	0.00
4) Naphthalene-d8	11.09	136	93432	20.00	ng	0.00
7) Acenaphthene-d10	14.88	164	53859	20.00	ng	0.00
10) Phenanthrene-d10	17.62	188	111411	20.00	ng	0.00
11) Chrysene-d12	21.90	240	104105	20.00	ng	0.00
13) Perylene-d12	25.29	264	94936	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.80	112	176834	218.71	ng	0.00
3) Phenol-d6	7.41	99	263746	260.06	ng	0.00
5) Nitrobenzene-d5	9.44	82	230058	125.71	ng	0.00
8) 2,4,6-Tribromophenol	16.36	330	101279	151.96	ng	0.00
9) 2-Fluorobiphenyl	13.51	172	605545	182.75	ng	0.00
12) Terphenyl-d14	20.20	244	803429	177.31	ng	0.00
Target Compounds						
6) Terpineol	11.14	59	85497	1045.35	ng	Qvalue # 35

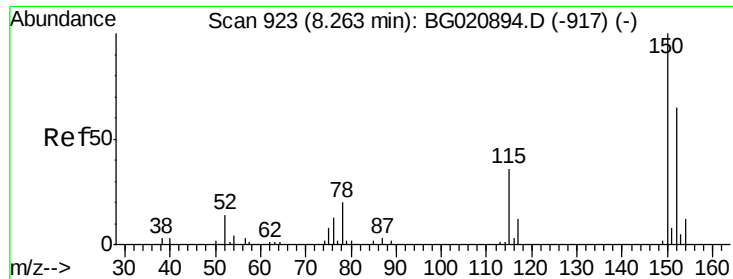
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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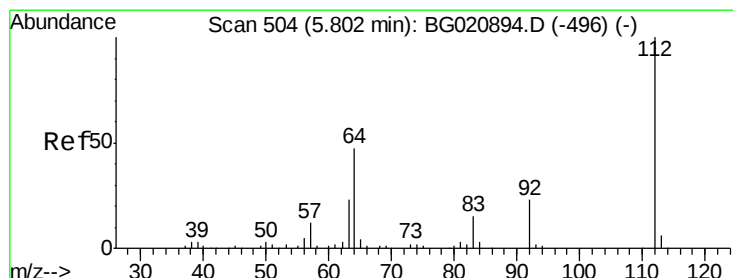
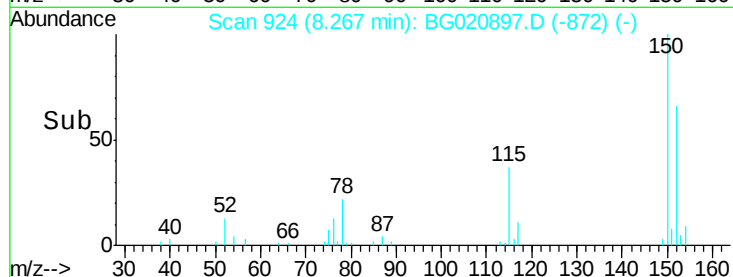
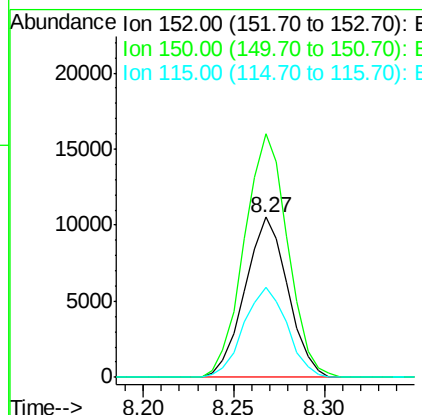
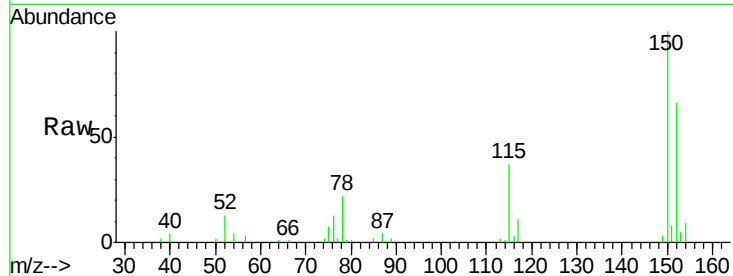




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.27 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BG020897.D
 Acq: 12 Feb 2016 17:52

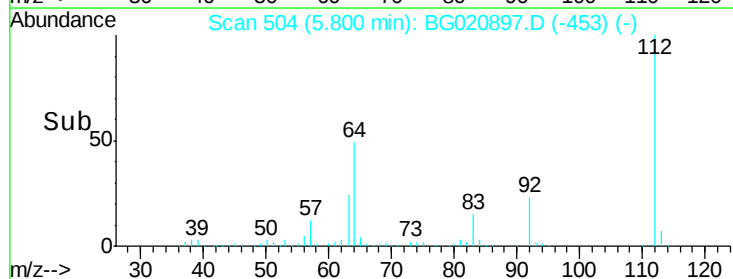
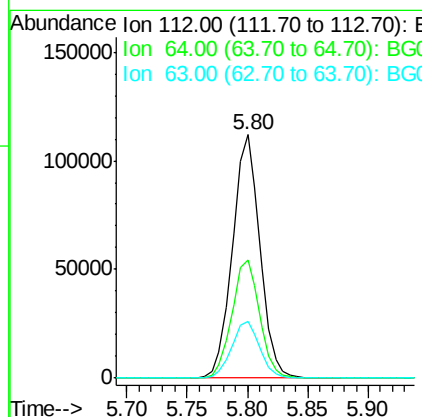
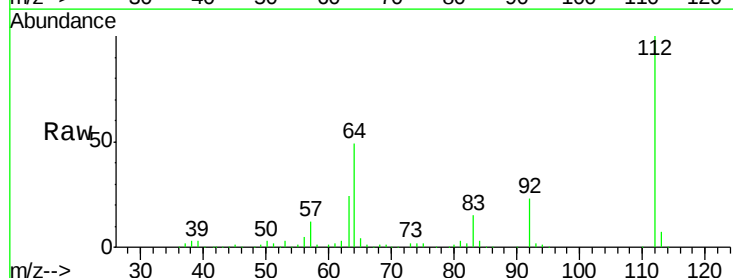
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

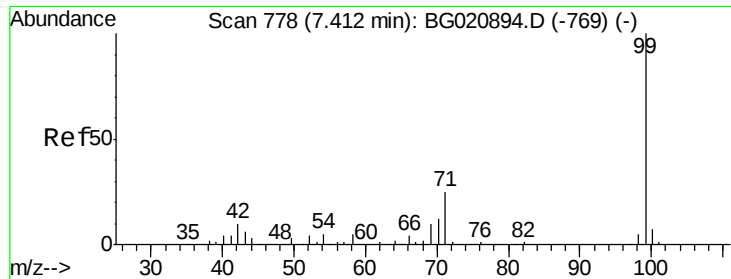
Tgt Ion:152 Resp: 17393
 Ion Ratio Lower Upper
 152 100
 150 152.4 119.8 179.6
 115 56.6 49.6 74.4



#2
 2-Fluorophenol
 Concen: 218.71 ng
 RT: 5.80 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BG020897.D
 Acq: 12 Feb 2016 17:52

Tgt Ion:112 Resp: 176834
 Ion Ratio Lower Upper
 112 100
 64 48.5 43.5 65.3
 63 23.5 32.2 48.2#





#3

Phenol-d6

Concen: 260.06 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020897.D

Acq: 12 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

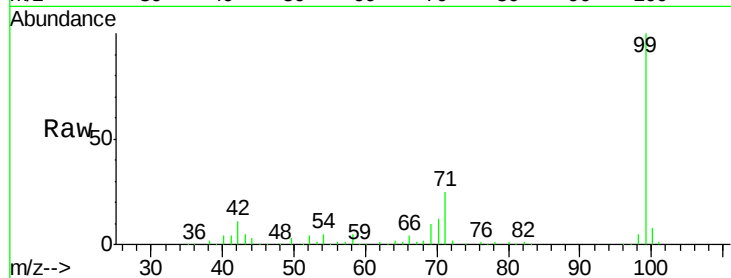
Tgt Ion: 99 Resp: 263746

Ion Ratio Lower Upper

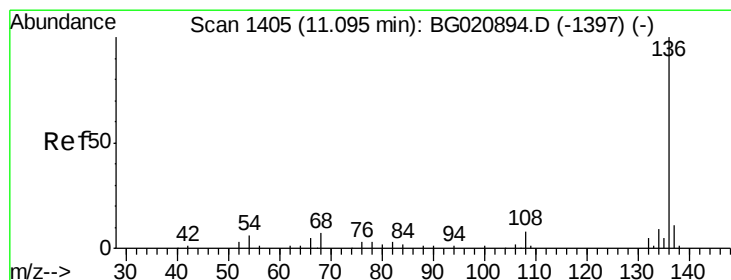
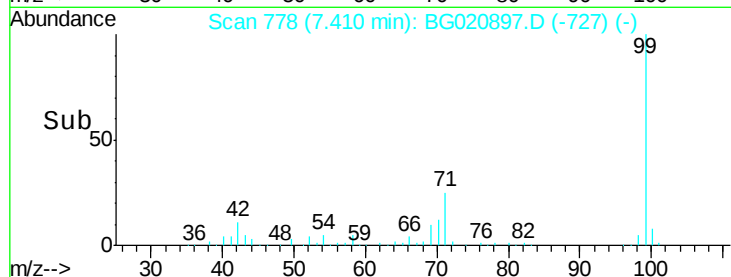
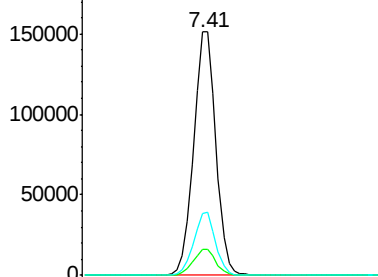
99 100

42 10.7 18.8 28.2#

71 25.2 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: BG020897.D

Acq: 12 Feb 2016 17:52

Tgt Ion: 136 Resp: 93432

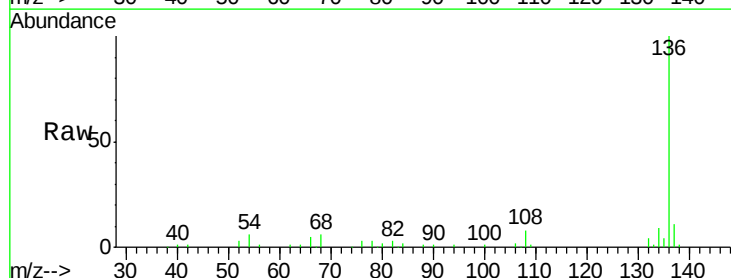
Ion Ratio Lower Upper

136 100

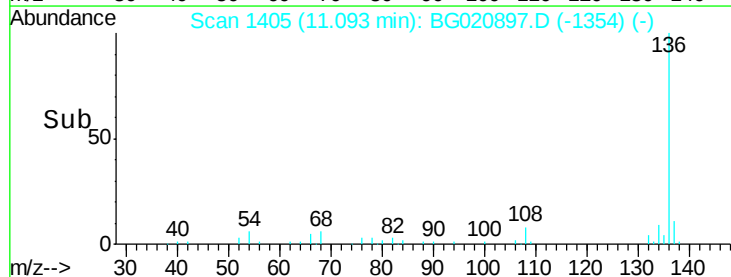
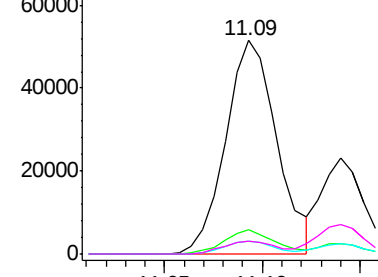
137 11.3 9.0 13.4

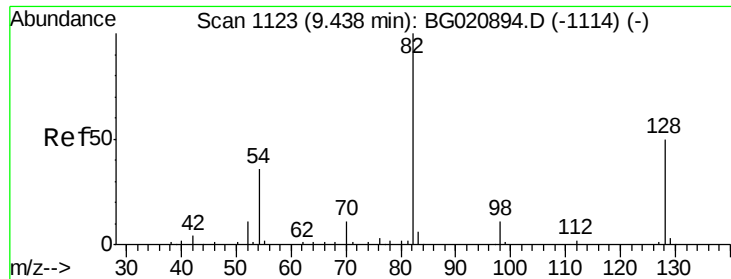
54 6.1 4.4 6.6

68 6.3 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: 125.71 ng

RT: 9.44 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG020897.D

Acq: 12 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

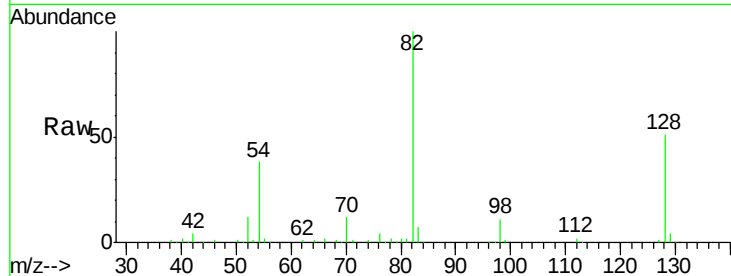
Tgt Ion: 82 Resp: 230058

Ion Ratio Lower Upper

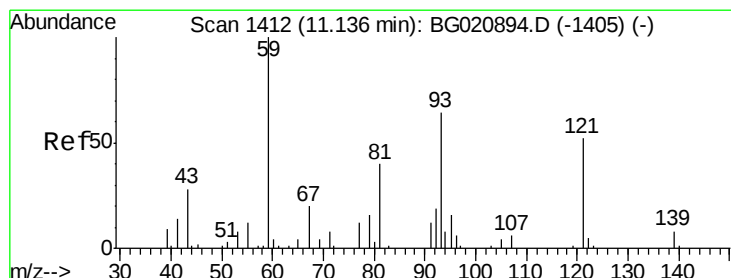
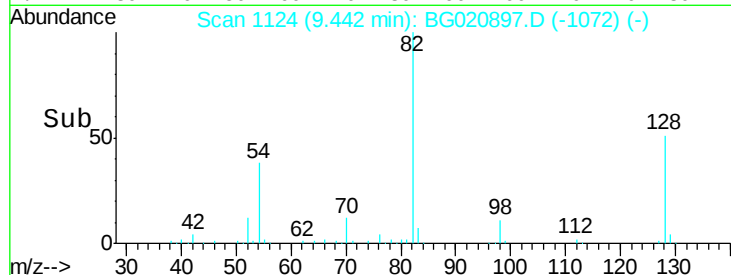
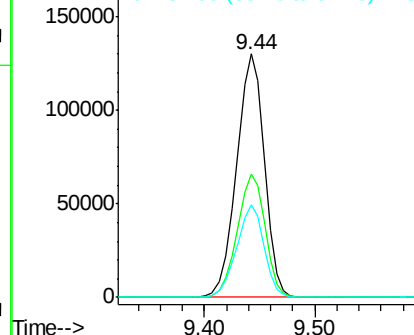
82 100

128 50.8 29.0 43.4#

54 37.8 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: 1045.35 ng

RT: 11.14 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BG020897.D

Acq: 12 Feb 2016 17:52

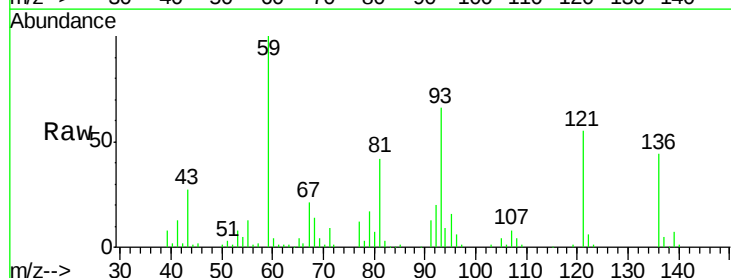
Tgt Ion: 59 Resp: 85497

Ion Ratio Lower Upper

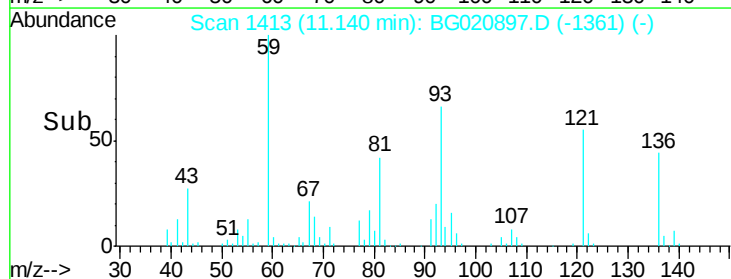
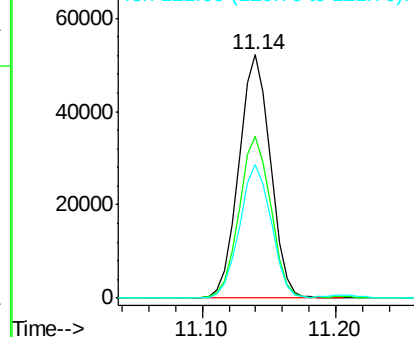
59 100

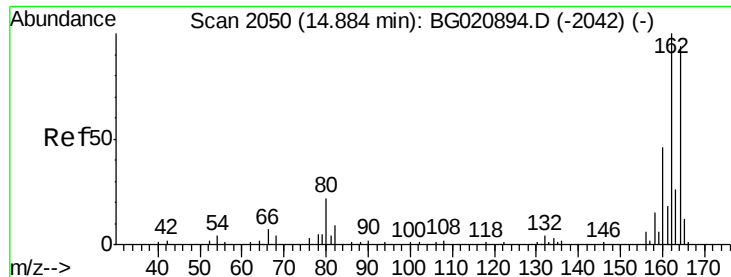
93 66.4 118.9 178.3#

121 54.8 104.3 156.5#



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# 2050

Delta R.T. -0.00 min

Lab File: BG020897.D

Acq: 12 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

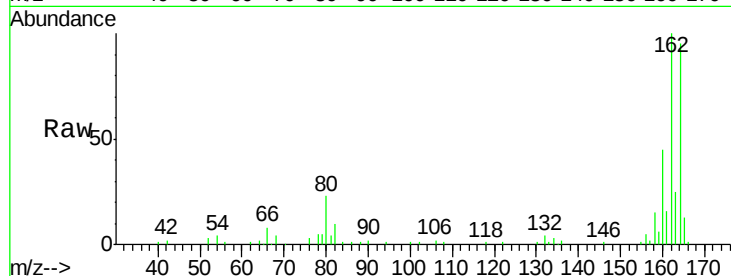
Tgt Ion:164 Resp: 53859

Ion Ratio Lower Upper

164 100

162 105.7 74.5 111.7

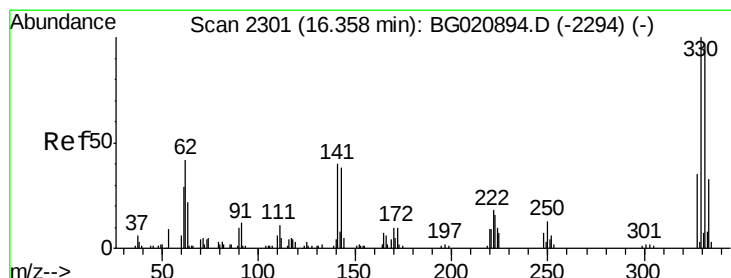
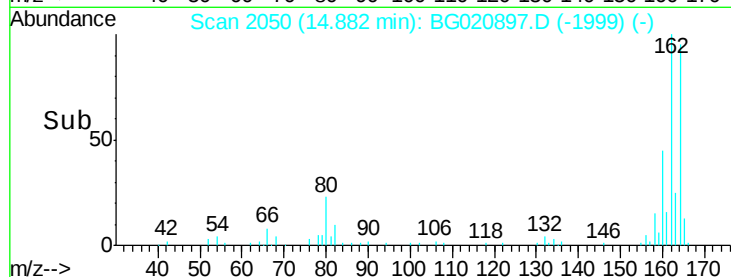
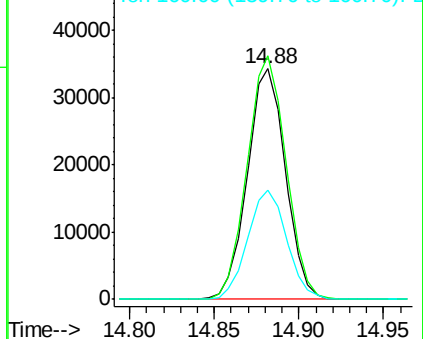
160 47.7 32.7 49.1



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: 151.96 ng

RT: 16.36 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BG020897.D

Acq: 12 Feb 2016 17:52

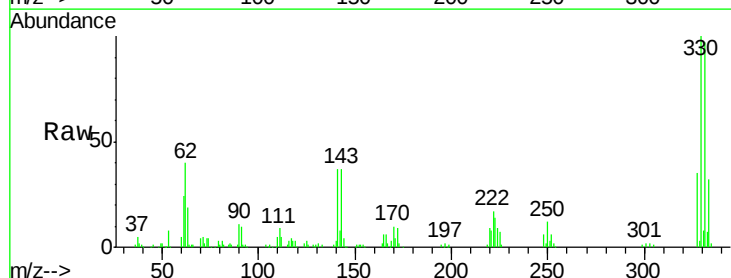
Tgt Ion:330 Resp: 101279

Ion Ratio Lower Upper

330 100

332 95.9 77.7 116.5

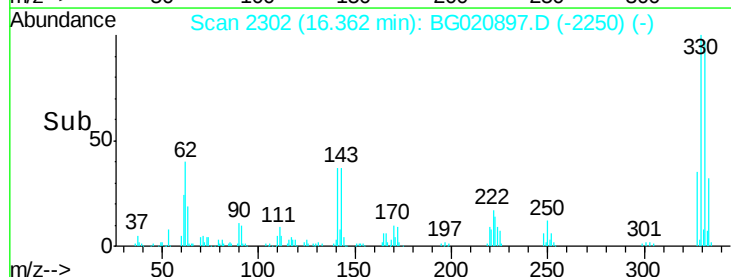
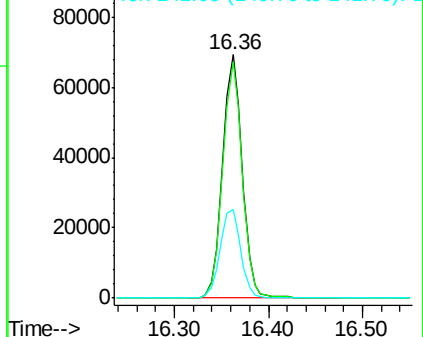
141 38.4 37.0 55.4

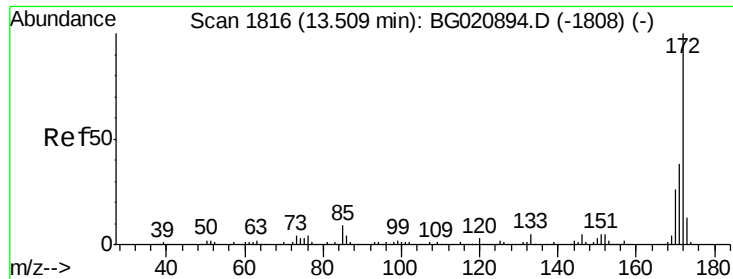


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 182.75 ng

RT: 13.51 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BG020897.D

Acq: 12 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

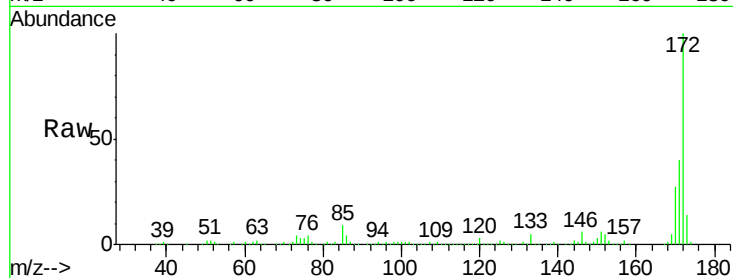
Tgt Ion:172 Resp: 605545

Ion Ratio Lower Upper

172 100

171 39.8 31.1 46.7

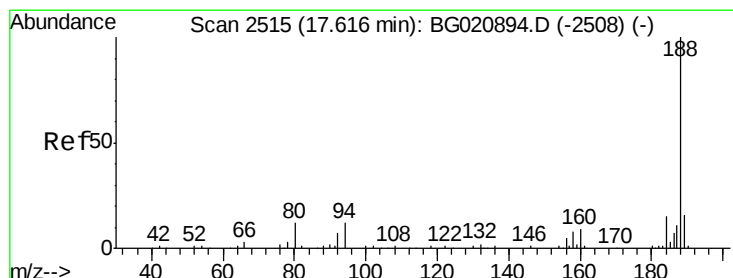
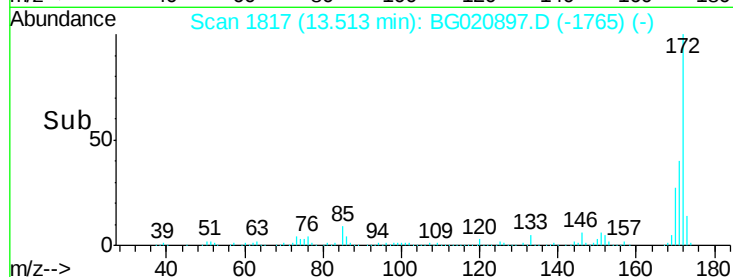
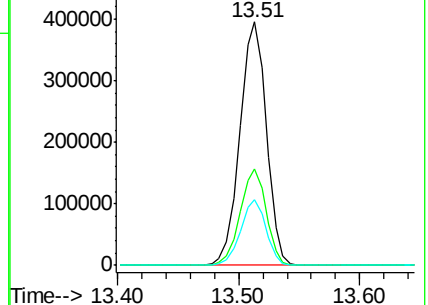
170 26.8 19.0 28.4



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



#10

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG020897.D

Acq: 12 Feb 2016 17:52

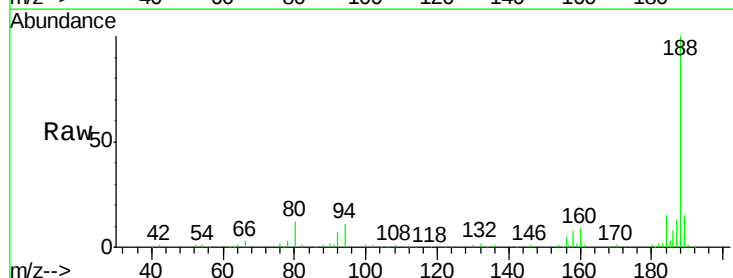
Tgt Ion:188 Resp: 111411

Ion Ratio Lower Upper

188 100

94 11.0 4.6 7.0#

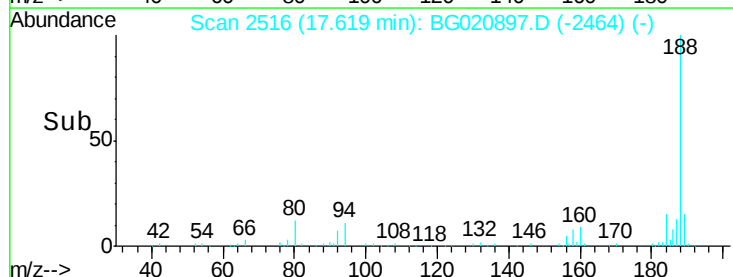
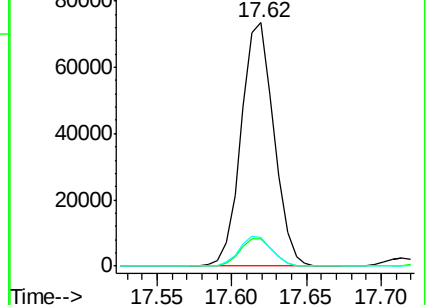
80 11.7 5.6 8.4#

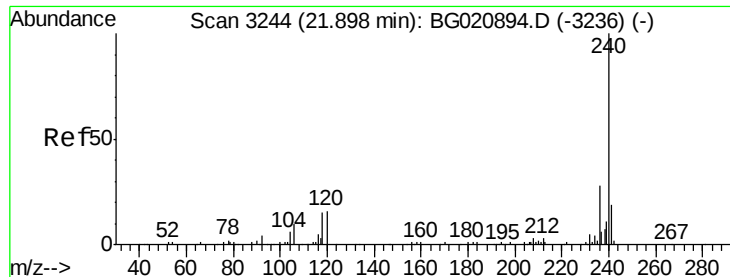


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BG020897.D

Acq: 12 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

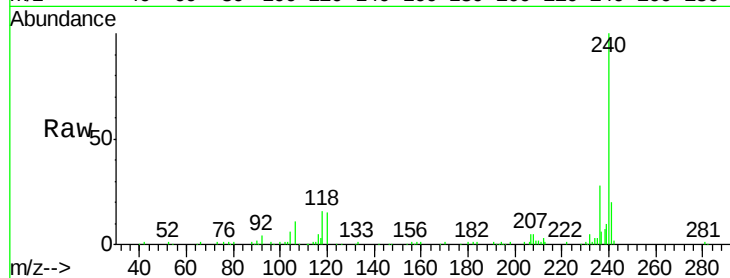
Tgt Ion:240 Resp: 104105

Ion Ratio Lower Upper

240 100

120 15.0 2.4 3.6#

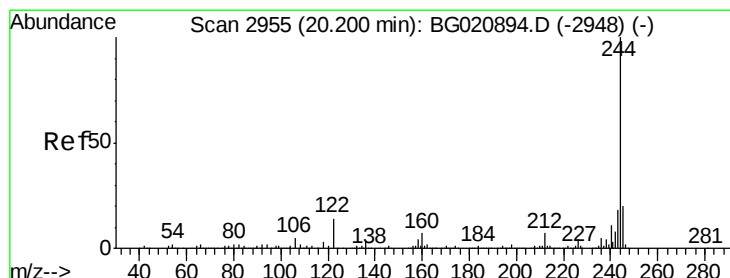
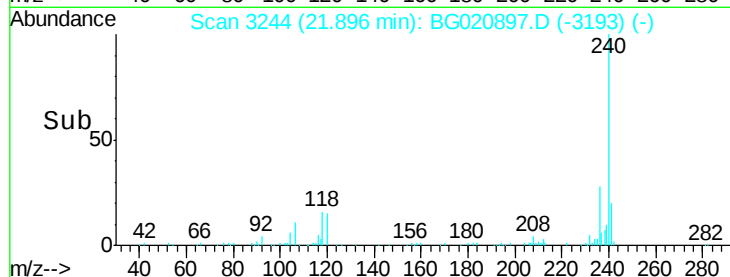
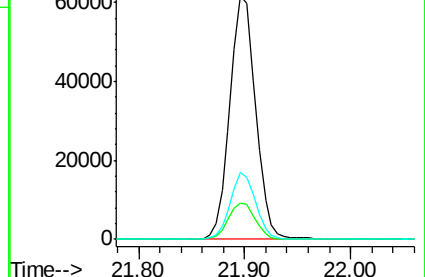
236 27.6 19.5 29.3



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: 177.31 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG020897.D

Acq: 12 Feb 2016 17:52

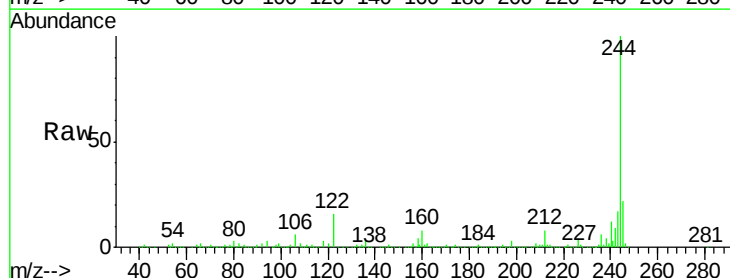
Tgt Ion:244 Resp: 803429

Ion Ratio Lower Upper

244 100

212 7.6 6.7 10.1

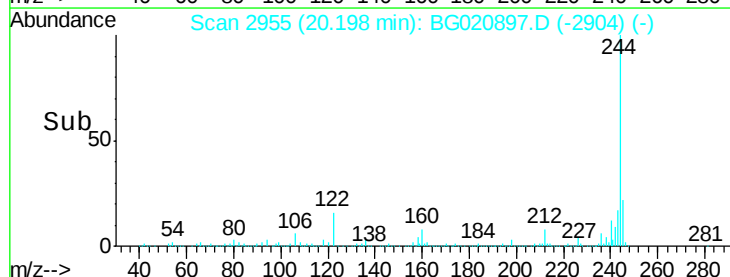
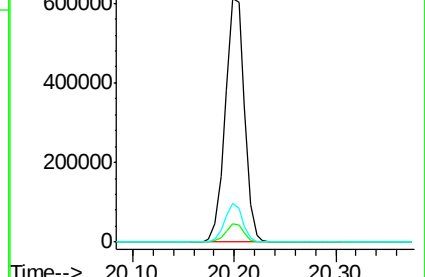
122 16.0 4.3 6.5#

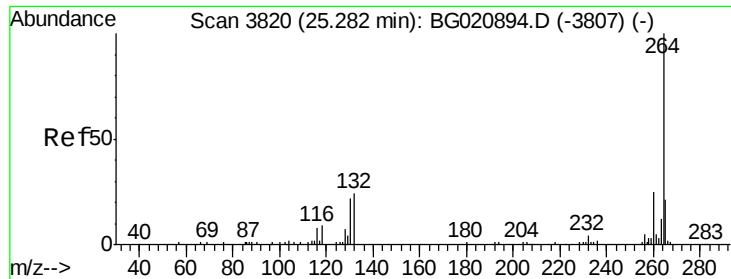


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

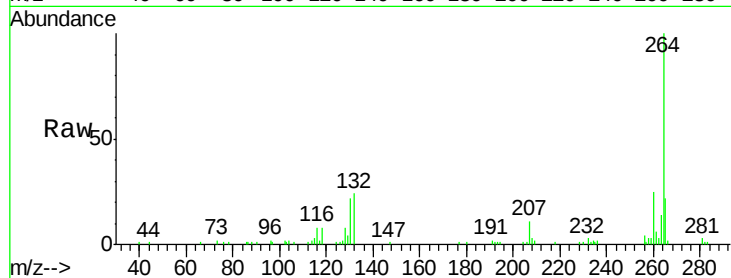




#13
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3821
Delta R.T. 0.00 min
Lab File: BG020897.D
Acq: 12 Feb 2016 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.3	25.9
265	22.4	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

