

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021216\
 Data File : BG020892.D
 Acq On : 12 Feb 2016 14:34
 Operator : SJ/UM
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Quant Time: Feb 12 16:57:41 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

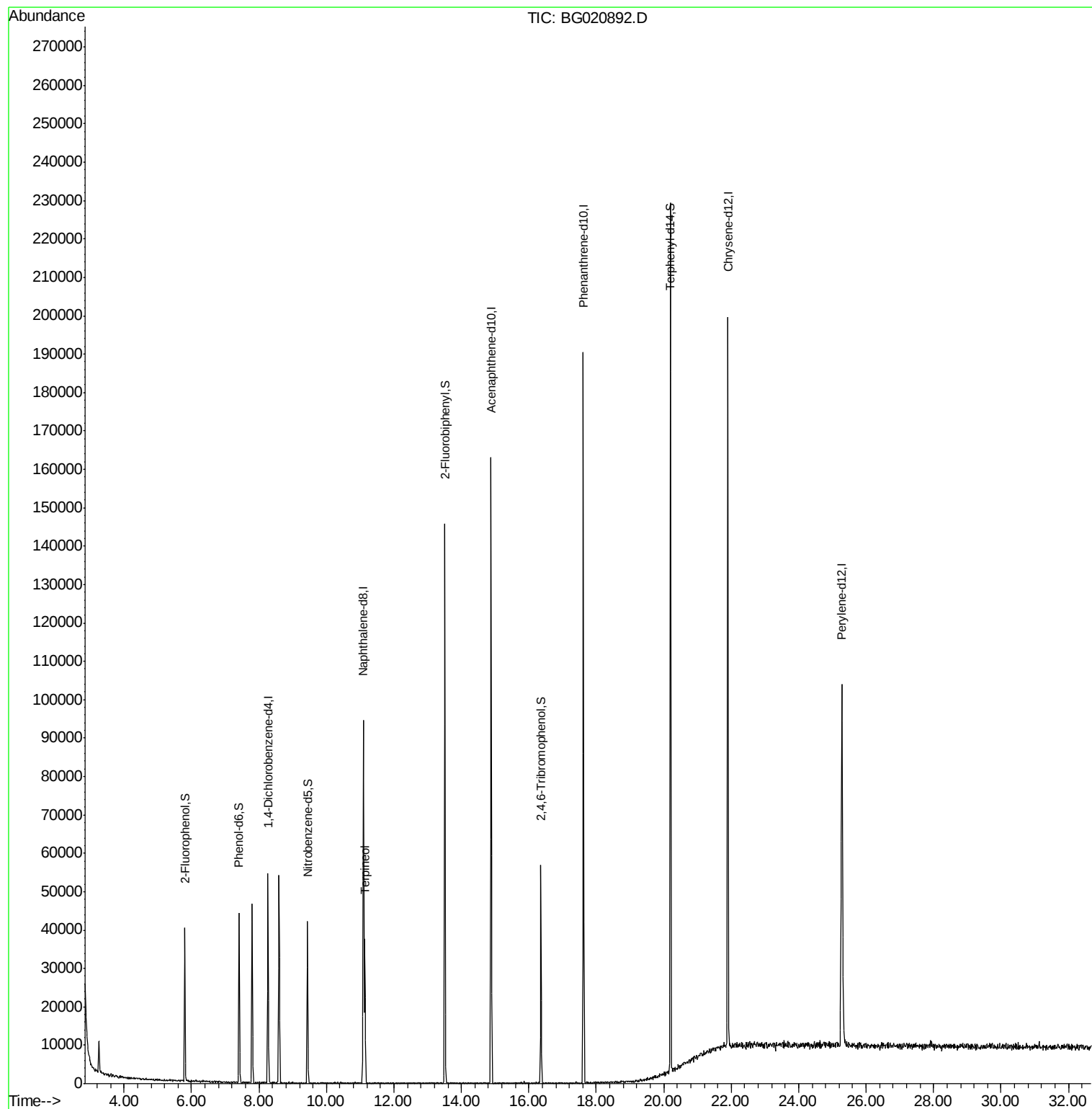
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	17356	20.00	ng	0.00
4) Naphthalene-d8	11.10	136	98282	20.00	ng	0.00
7) Acenaphthene-d10	14.88	164	57531	20.00	ng	0.00
10) Phenanthrene-d10	17.62	188	114529	20.00	ng	0.00
11) Chrysene-d12	21.90	240	107671	20.00	ng	0.00
13) Perylene-d12	25.28	264	99778	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.80	112	23101	28.63	ng	0.00
3) Phenol-d6	7.41	99	33623	33.22	ng	0.00
5) Nitrobenzene-d5	9.44	82	28884	15.00	ng	0.00
8) 2,4,6-Tribromophenol	16.36	330	11610	16.31	ng	0.00
9) 2-Fluorobiphenyl	13.51	172	79732	22.53	ng	0.00
12) Terphenyl-d14	20.20	244	100769	21.50	ng	0.00
Target Compounds						
6) Terpineol	11.14	59	10333	120.10	ng	Qvalue # 39

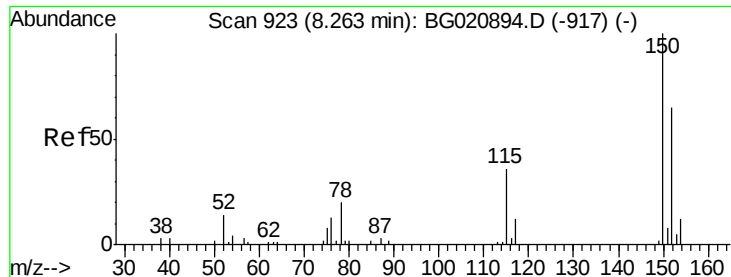
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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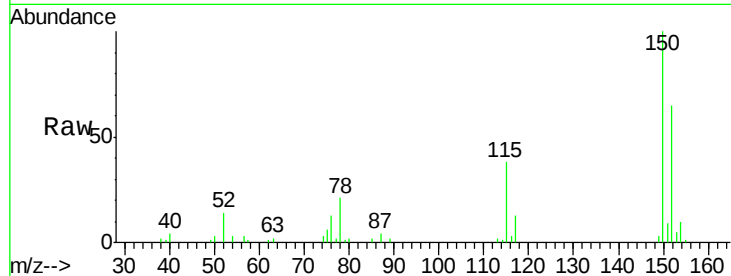


#1

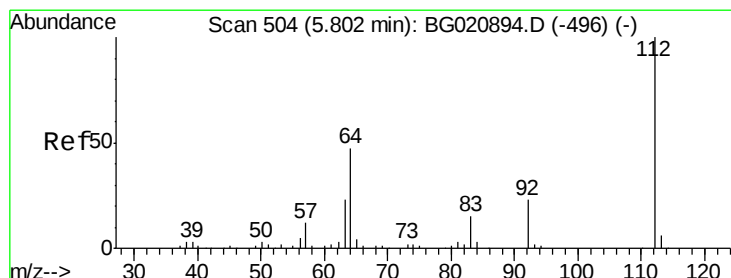
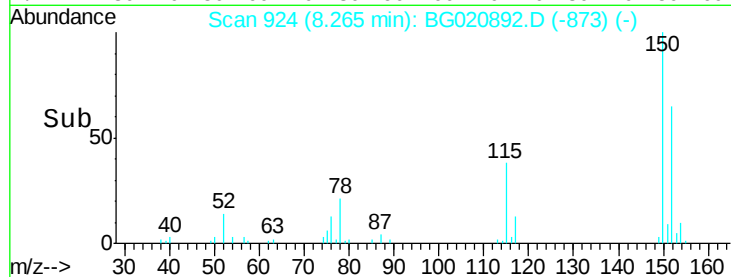
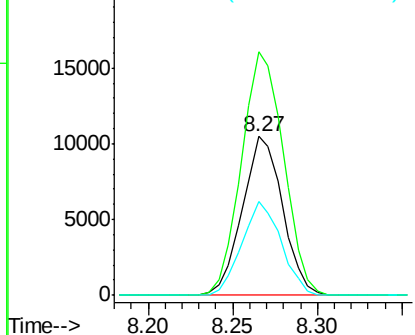
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG020892.D
Acq: 12 Feb 2016 14:34

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tgt Ion:152 Resp: 17356
Ion Ratio Lower Upper
152 100
150 153.4 119.8 179.6
115 58.8 49.6 74.4



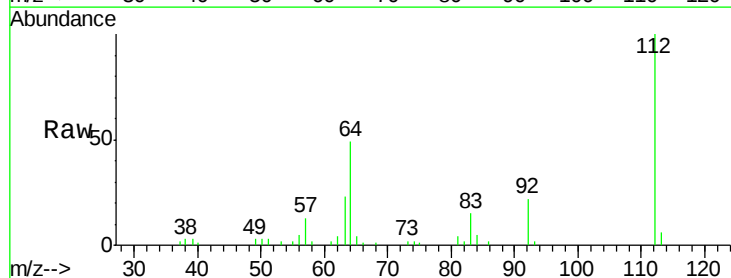
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



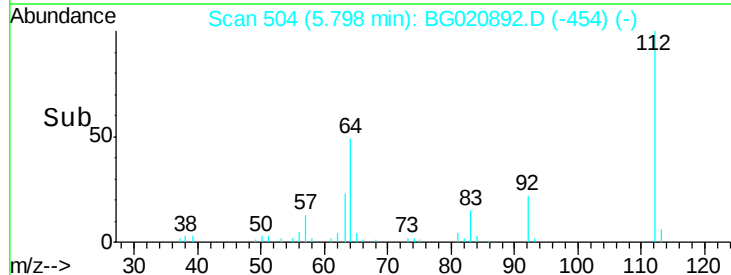
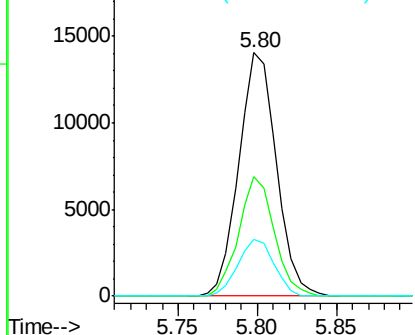
#2

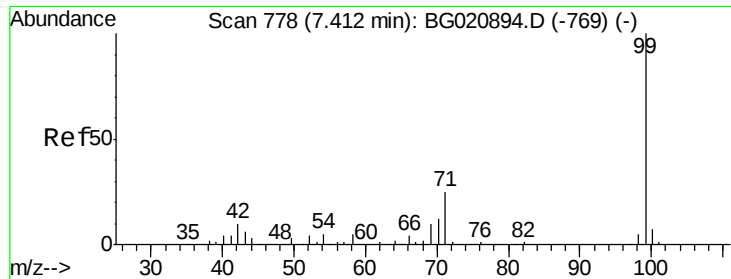
2-Fluorophenol
Concen: 28.63 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG020892.D
Acq: 12 Feb 2016 14:34

Tgt Ion:112 Resp: 23101
Ion Ratio Lower Upper
112 100
64 48.8 43.5 65.3
63 23.3 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: 33.22 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020892.D

Acq: 12 Feb 2016 14:34

Instrument :

BNA_G

ClientSampled :

SSTDIC010

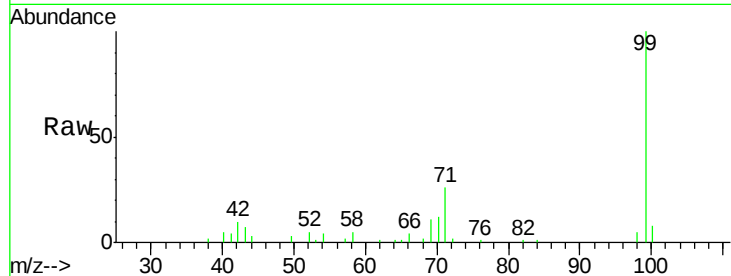
Tgt Ion: 99 Resp: 33623

Ion Ratio Lower Upper

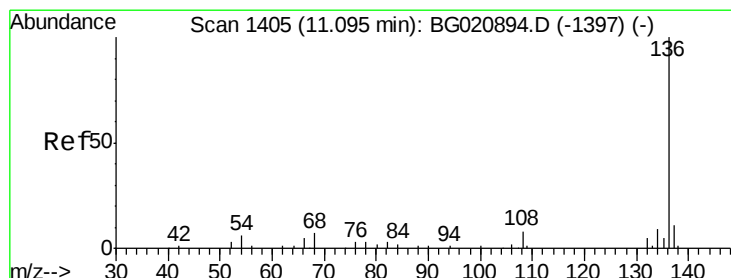
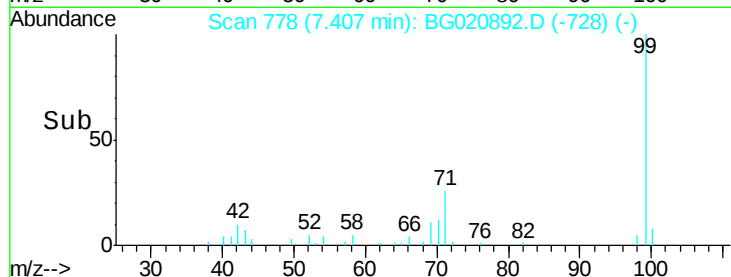
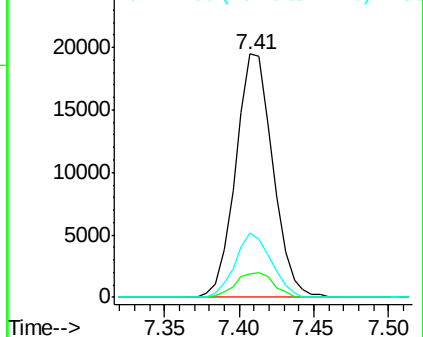
99 100

42 9.8 18.8 28.2#

71 26.4 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: 11.10 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BG020892.D

Acq: 12 Feb 2016 14:34

Tgt Ion: 136 Resp: 98282

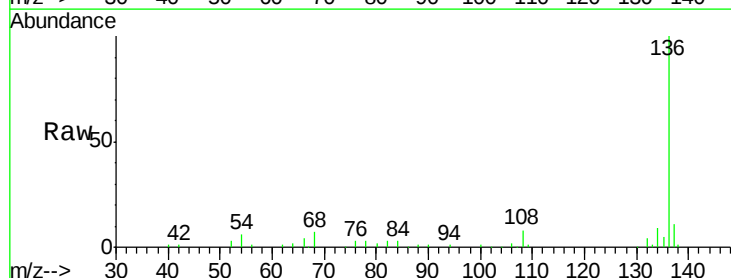
Ion Ratio Lower Upper

136 100

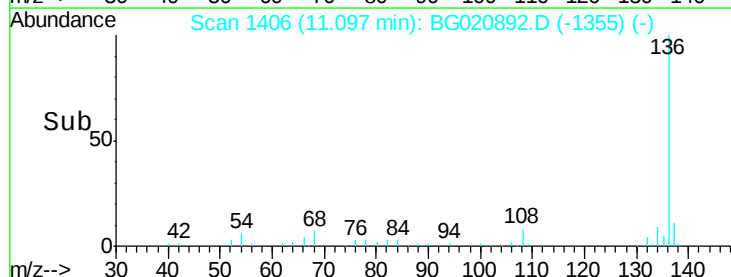
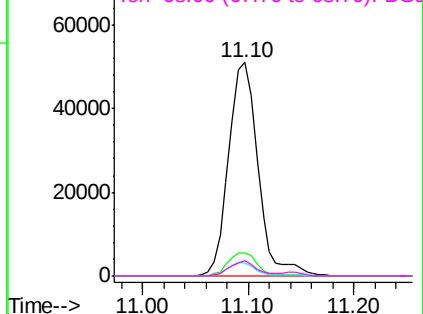
137 10.8 9.0 13.4

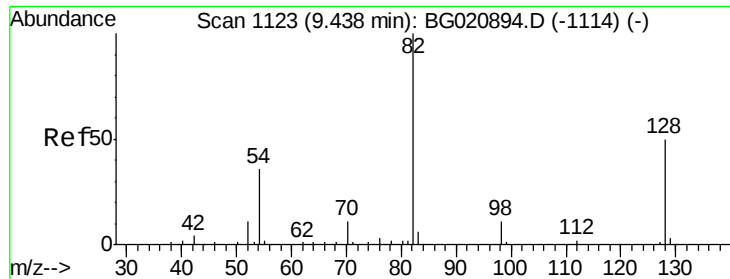
54 6.2 4.4 6.6

68 7.0 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: 15.00 ng

RT: 9.44 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG020892.D

Acq: 12 Feb 2016 14:34

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

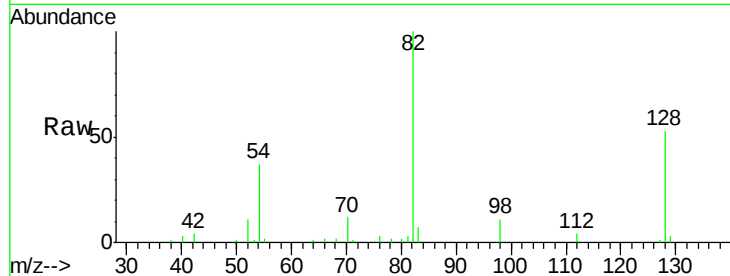
Tgt Ion: 82 Resp: 28884

Ion Ratio Lower Upper

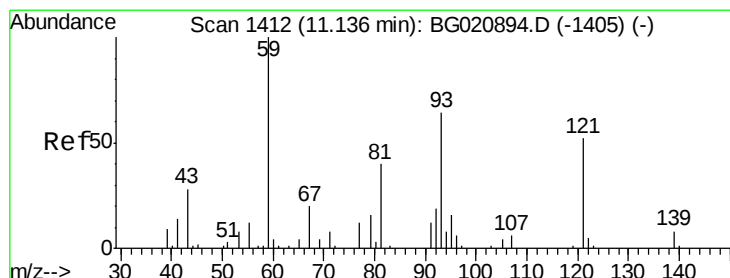
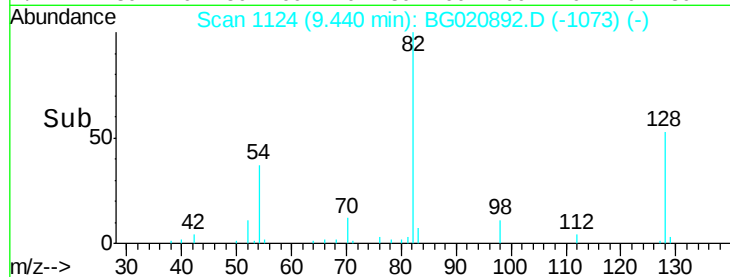
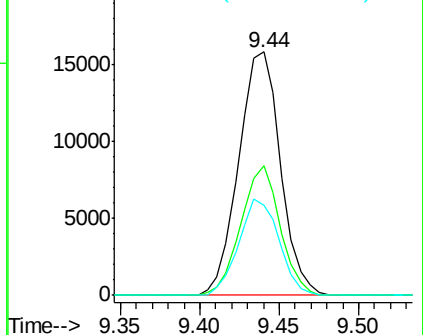
82 100

128 53.0 29.0 43.4#

54 37.1 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: 120.10 ng

RT: 11.14 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BG020892.D

Acq: 12 Feb 2016 14:34

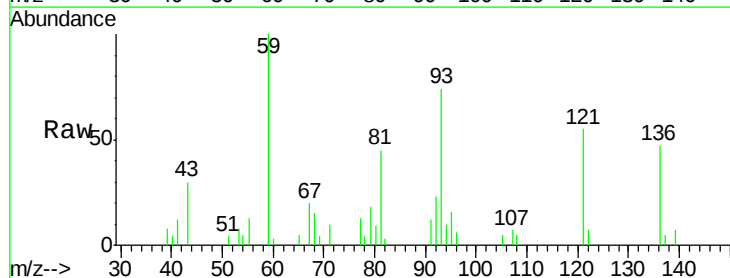
Tgt Ion: 59 Resp: 10333

Ion Ratio Lower Upper

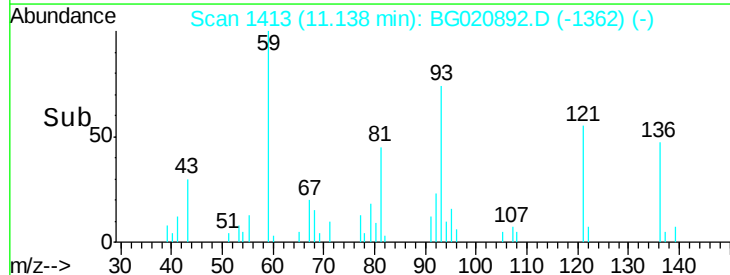
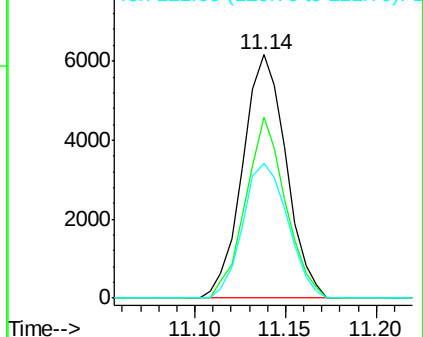
59 100

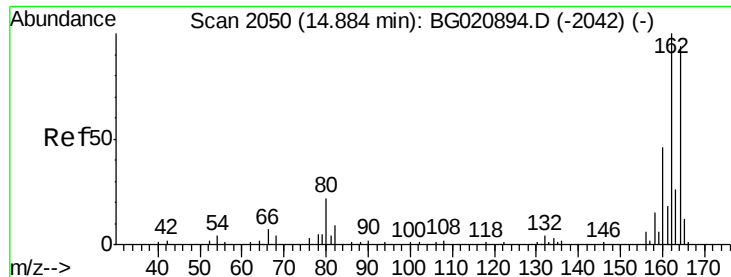
93 74.3 118.9 178.3#

121 55.2 104.3 156.5#



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: BG020892.D

Acq: 12 Feb 2016 14:34

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

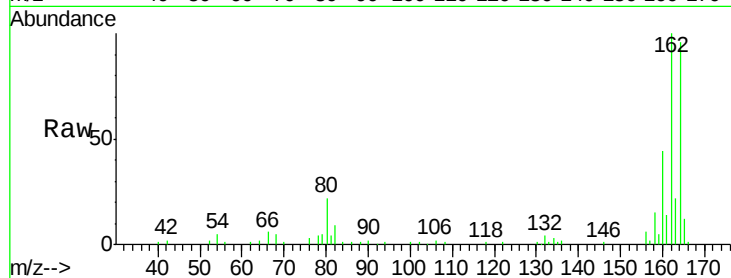
Tgt Ion:164 Resp: 57531

Ion Ratio Lower Upper

164 100

162 104.4 74.5 111.7

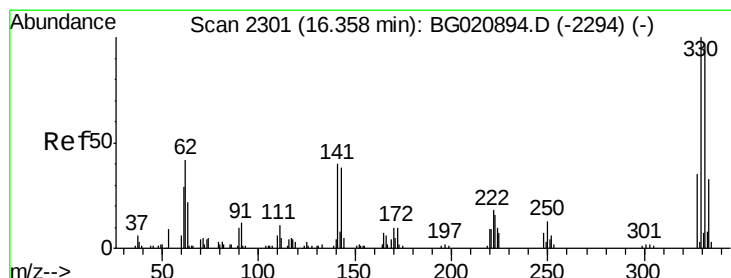
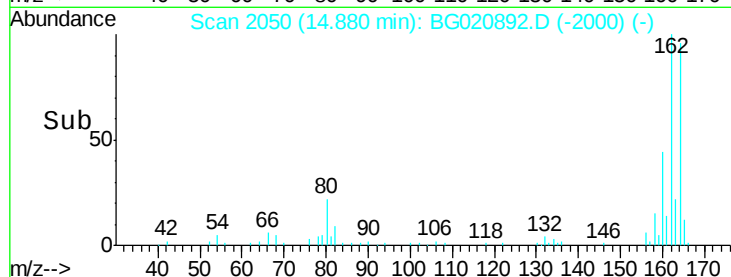
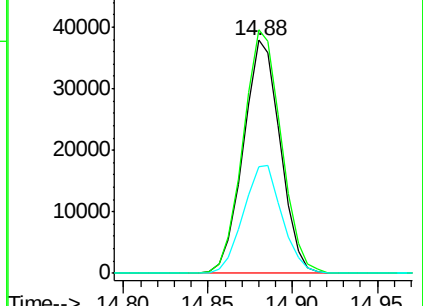
160 45.5 32.7 49.1



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: 16.31 ng

RT: 16.36 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BG020892.D

Acq: 12 Feb 2016 14:34

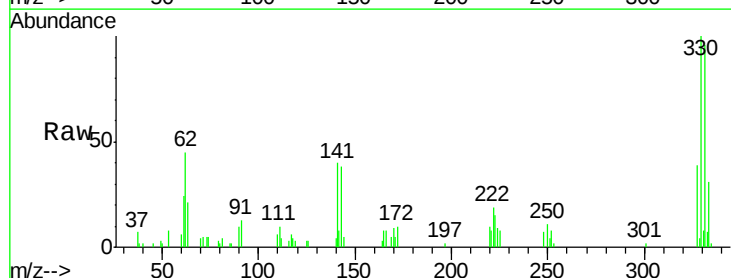
Tgt Ion:330 Resp: 11610

Ion Ratio Lower Upper

330 100

332 96.0 77.7 116.5

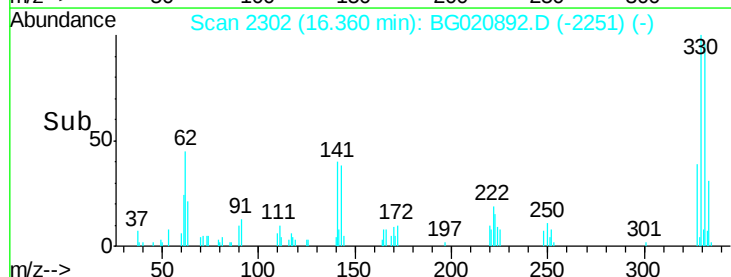
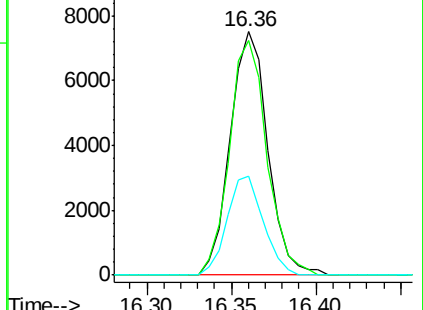
141 39.2 37.0 55.4

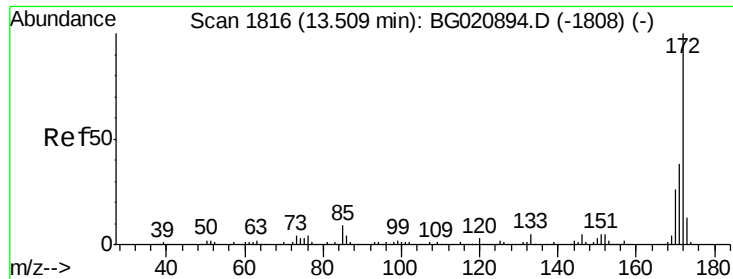


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 22.53 ng

RT: 13.51 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BG020892.D

Acq: 12 Feb 2016 14:34

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

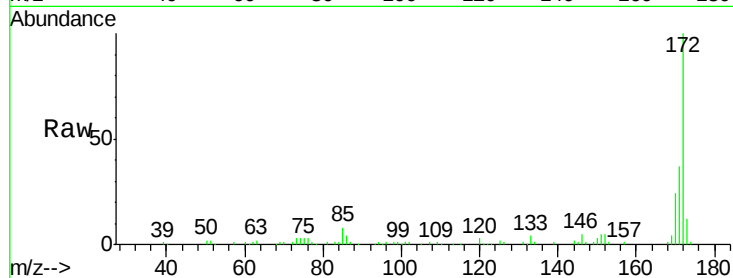
Tgt Ion:172 Resp: 79732

Ion Ratio Lower Upper

172 100

171 36.7 31.1 46.7

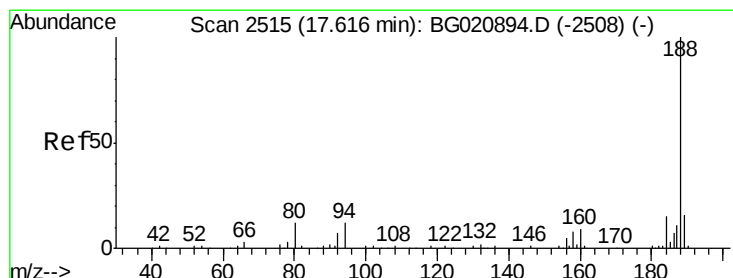
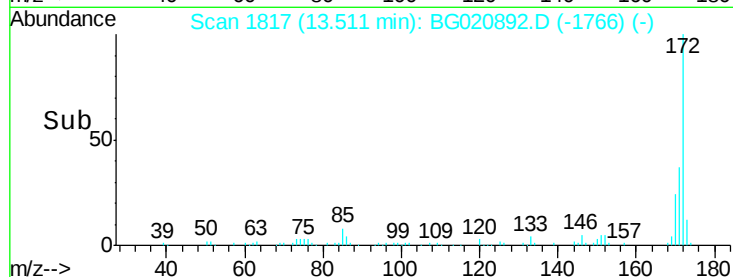
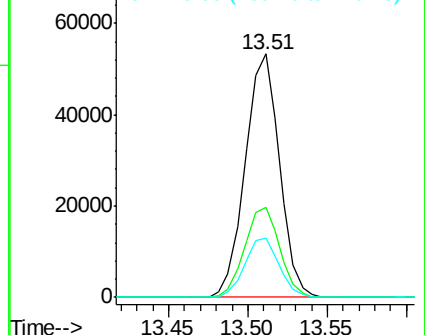
170 24.1 19.0 28.4



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: BG020892.D

Acq: 12 Feb 2016 14:34

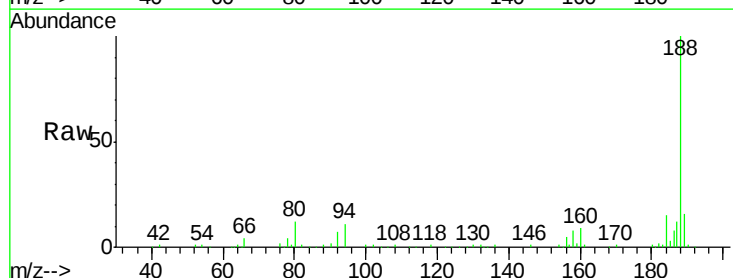
Tgt Ion:188 Resp: 114529

Ion Ratio Lower Upper

188 100

94 11.4 4.6 7.0#

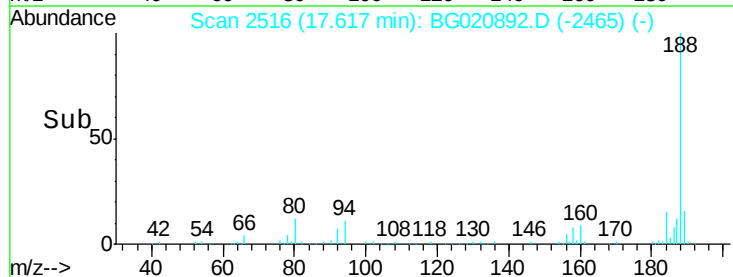
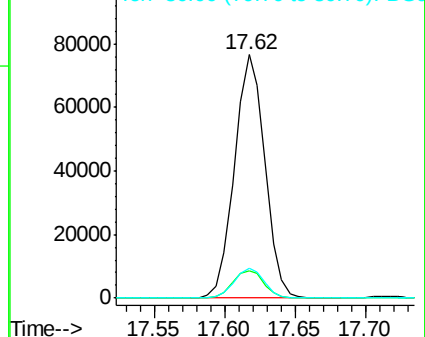
80 12.5 5.6 8.4#

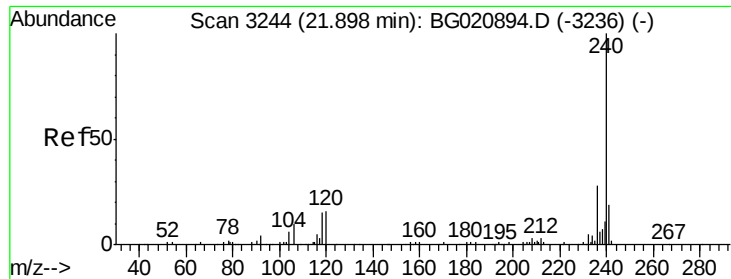


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. 0.00 min

Lab File: BG020892.D

Acq: 12 Feb 2016 14:34

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

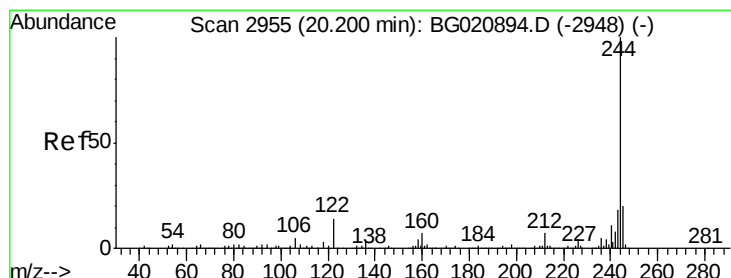
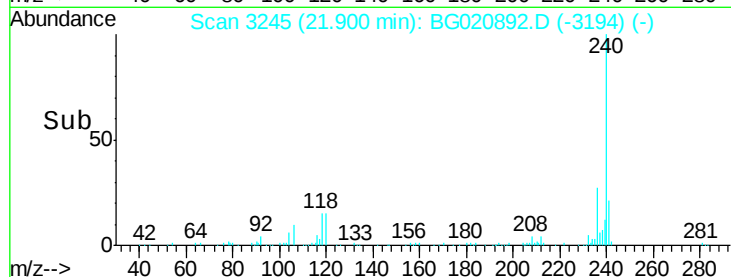
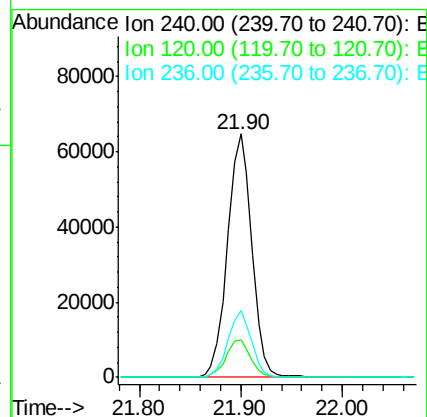
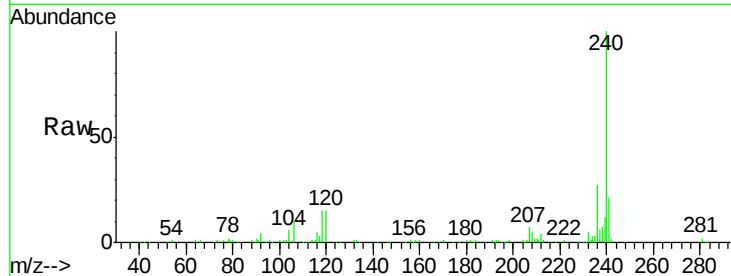
Tgt Ion:240 Resp: 107671

Ion Ratio Lower Upper

240 100

120 15.3 2.4 3.6#

236 27.4 19.5 29.3



#12

Terphenyl-d14

Concen: 21.50 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG020892.D

Acq: 12 Feb 2016 14:34

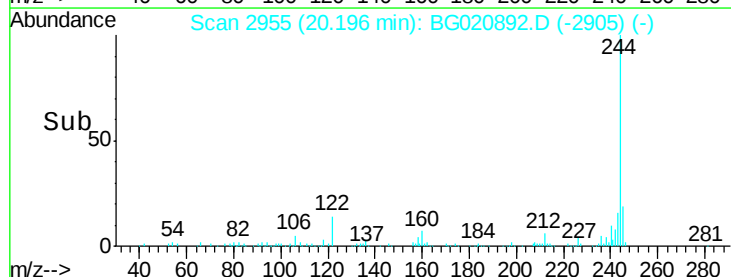
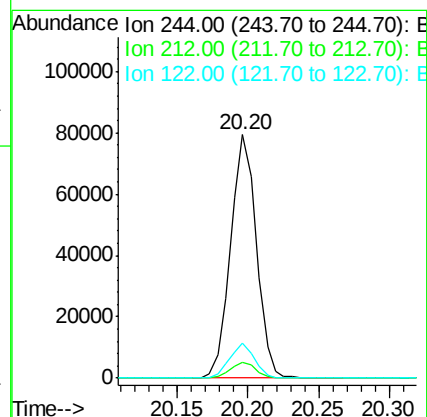
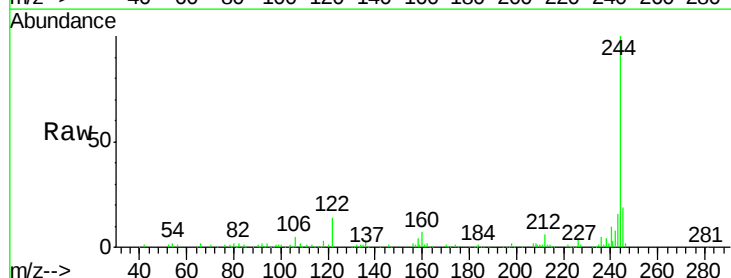
Tgt Ion:244 Resp: 100769

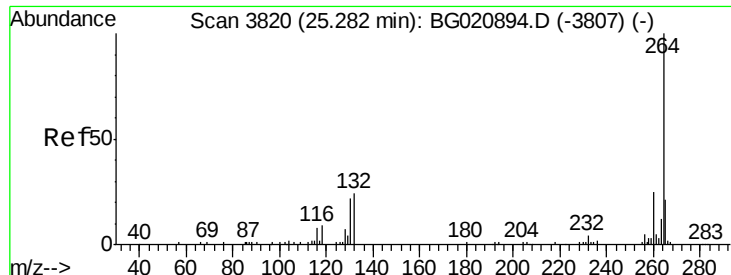
Ion Ratio Lower Upper

244 100

212 6.4 6.7 10.1#

122 14.2 4.3 6.5#





#13
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3821
Delta R.T. 0.00 min
Lab File: BG020892.D
Acq: 12 Feb 2016 14:34

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tgt Ion: 264 Resp: 99778
Ion Ratio Lower Upper
264 100
260 24.8 17.3 25.9
265 21.7 17.9 26.9

