

Data Path : U:\HPCHEM1\BNA G\DATA\BG021216\
 Data File : BG020896.D
 Acq On : 12 Feb 2016 17:12
 Operator : SJ/UM
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Quant Time: Feb 12 18:15:41 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

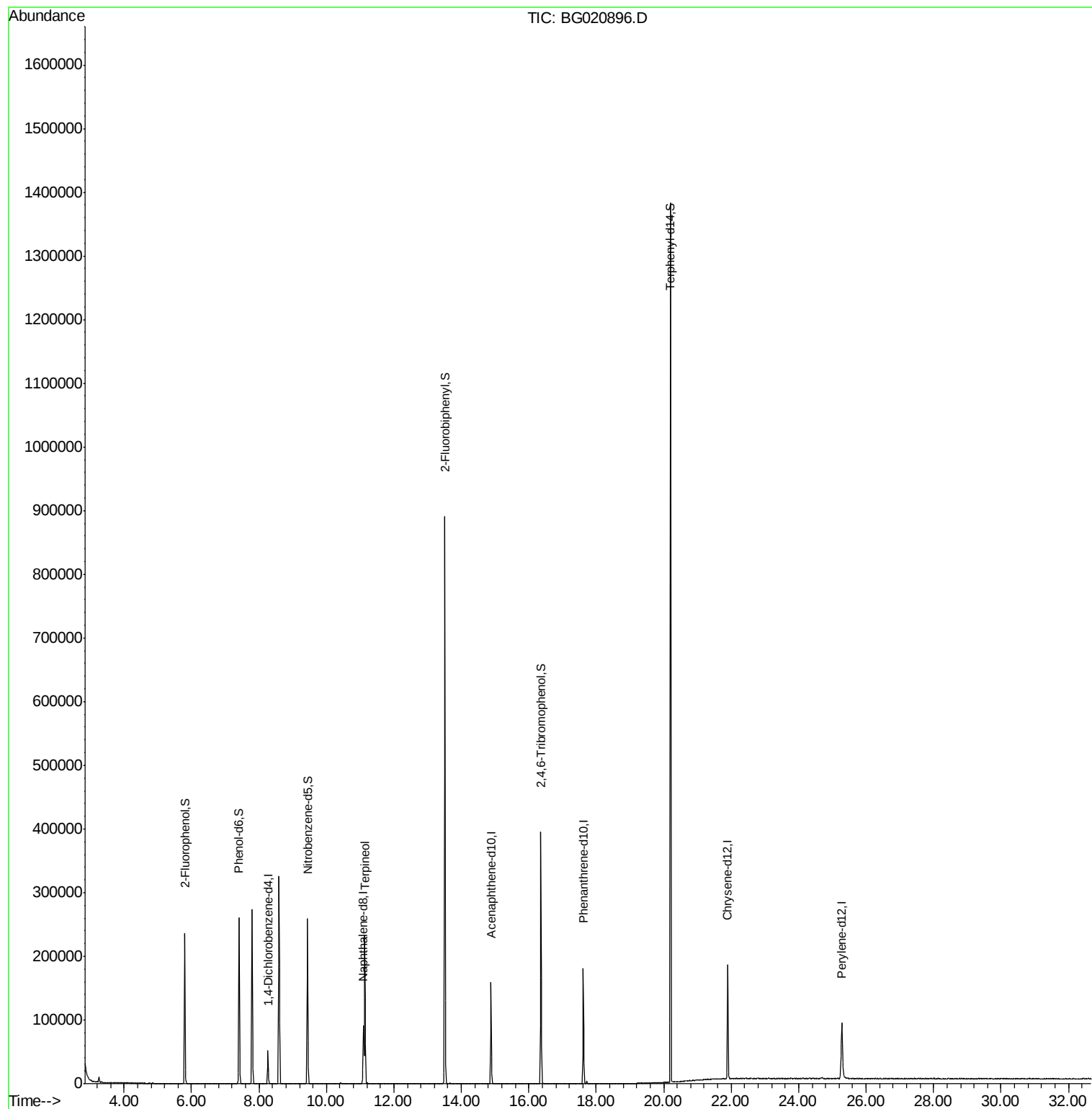
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	16987	20.00	ng	0.00
4) Naphthalene-d8	11.09	136	91025	20.00	ng	0.00
7) Acenaphthene-d10	14.88	164	55125	20.00	ng	0.00
10) Phenanthrene-d10	17.62	188	113262	20.00	ng	0.00
11) Chrysene-d12	21.89	240	106571	20.00	ng	0.00
13) Perylene-d12	25.28	264	97243	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.80	112	131609	166.67	ng	0.00
3) Phenol-d6	7.41	99	195390	197.26	ng	0.00
5) Nitrobenzene-d5	9.44	82	172487	96.74	ng	0.00
8) 2,4,6-Tribromophenol	16.36	330	76287	111.84	ng	0.00
9) 2-Fluorobiphenyl	13.51	172	459869	135.60	ng	0.00
12) Terphenyl-d14	20.20	244	611162	131.75	ng	0.00
Target Compounds						
6) Terpineol	11.14	59	63979	802.94	ng	Qvalue # 34

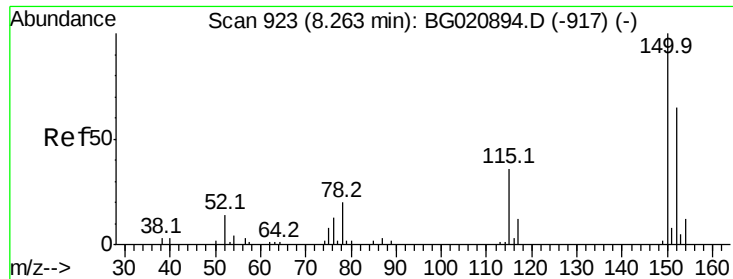
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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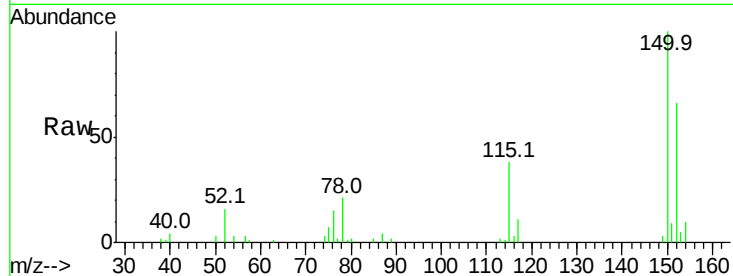


#1

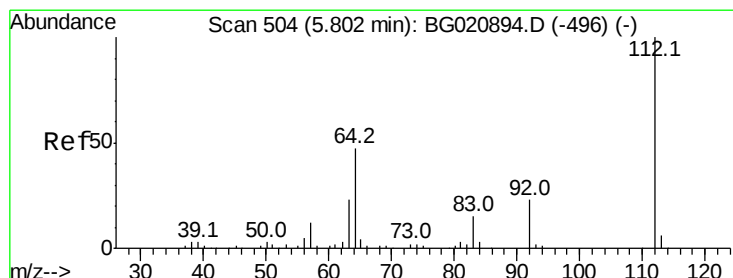
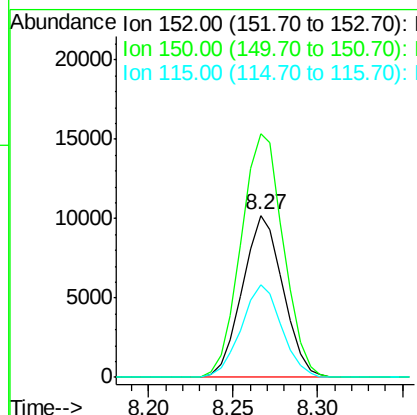
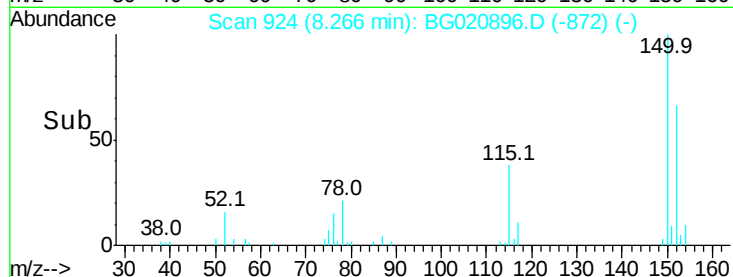
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG020896.D
Acq: 12 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:152 Resp: 16987
Ion Ratio Lower Upper
152 100
150 150.6 119.8 179.6
115 57.4 49.6 74.4



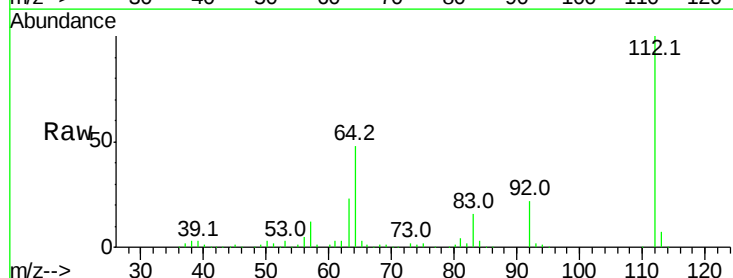
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



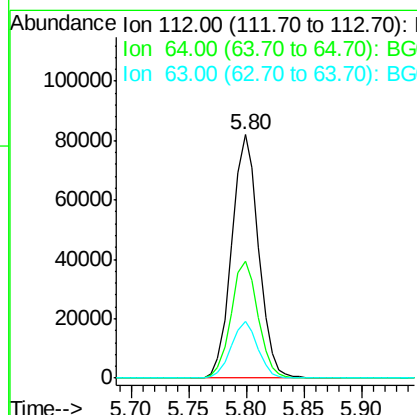
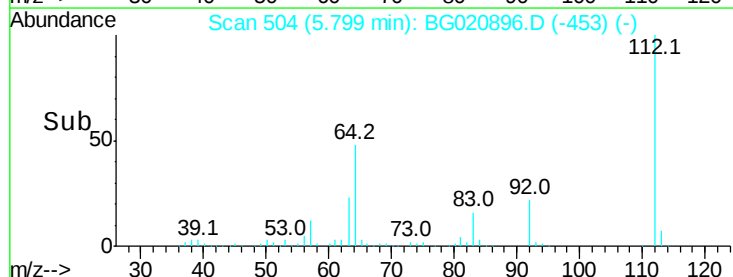
#2

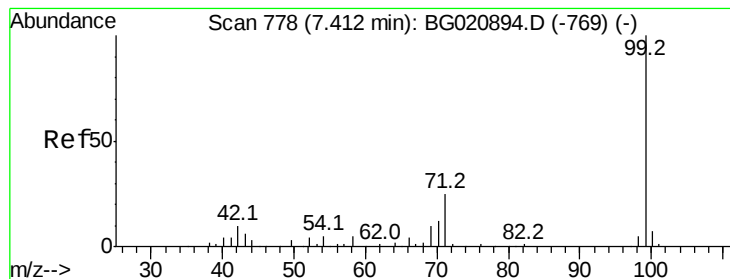
2-Fluorophenol
Concen: 166.67 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG020896.D
Acq: 12 Feb 2016 17:12

Tgt Ion:112 Resp: 131609
Ion Ratio Lower Upper
112 100
64 47.9 43.5 65.3
63 23.0 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: 197.26 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020896.D

Acq: 12 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

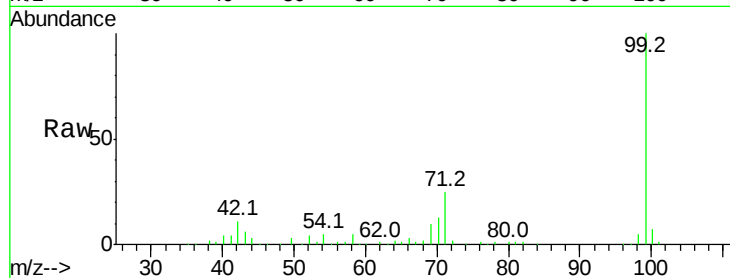
Tot Ion: 99 Resp: 195390

Ion Ratio Lower Upper

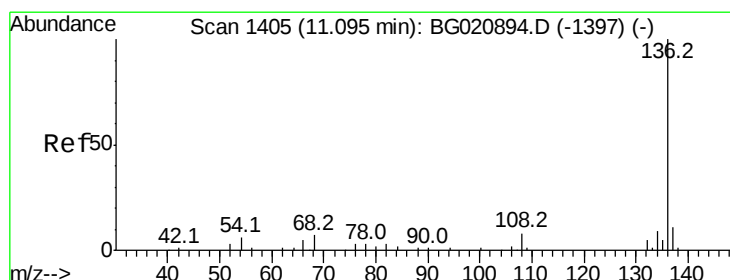
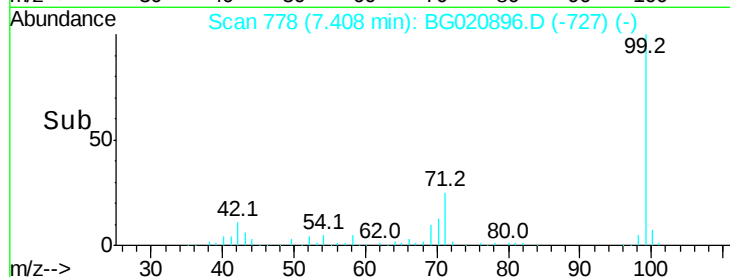
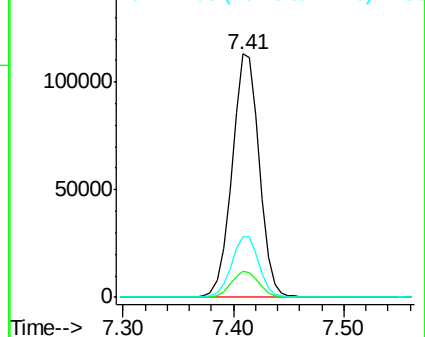
99 100

42 10.7 18.8 28.2#

71 25.0 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: BG020896.D

Acq: 12 Feb 2016 17:12

Tgt Ion: 136 Resp: 91025

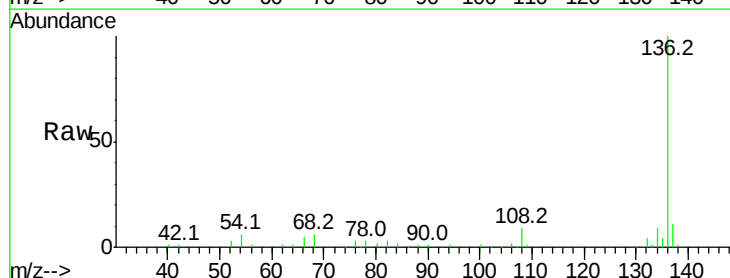
Ion Ratio Lower Upper

136 100

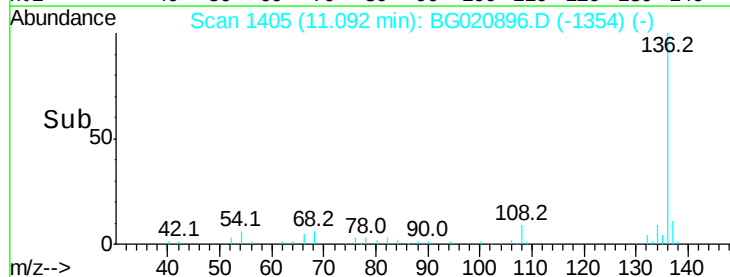
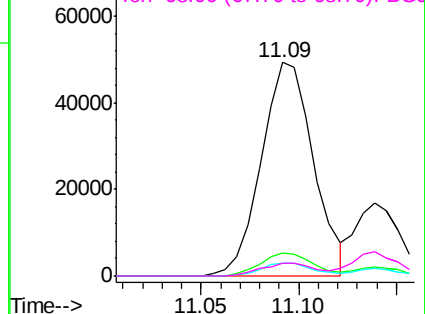
137 11.0 9.0 13.4

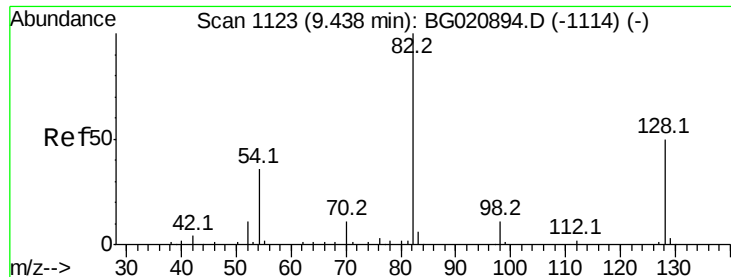
54 6.2 4.4 6.6

68 6.2 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: 96.74 ng

RT: 9.44 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG020896.D

Acq: 12 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

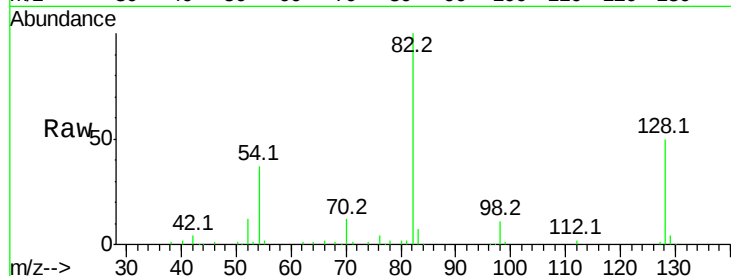
Tot Ion: 82 Resp: 172487

Ion Ratio Lower Upper

82 100

128 50.5 29.0 43.4#

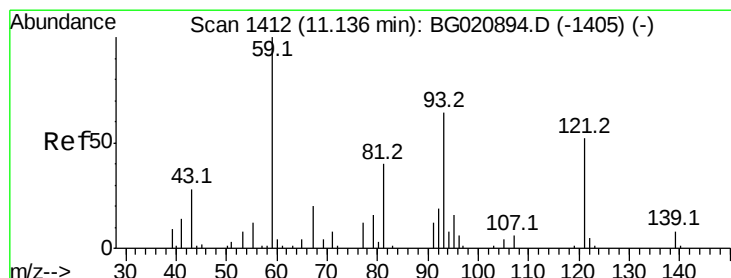
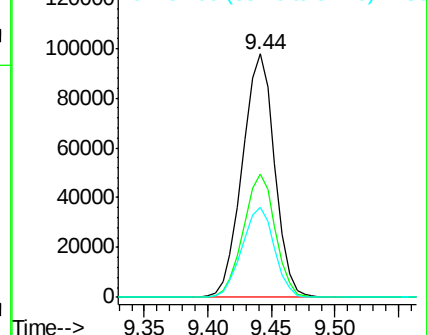
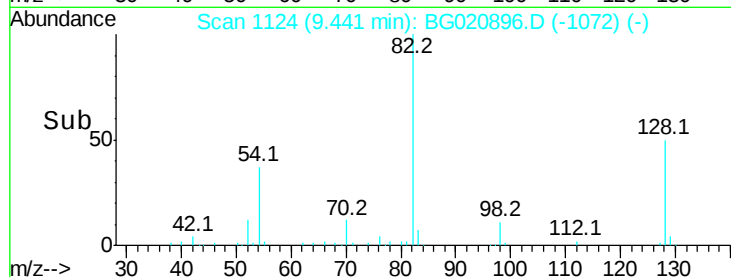
54 36.8 34.5 51.7



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: 802.94 ng

RT: 11.14 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BG020896.D

Acq: 12 Feb 2016 17:12

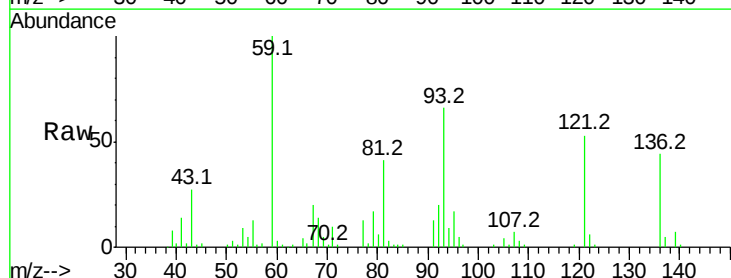
Tgt Ion: 59 Resp: 63979

Ion Ratio Lower Upper

59 100

93 65.9 118.9 178.3#

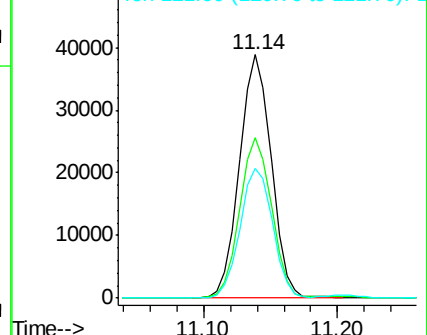
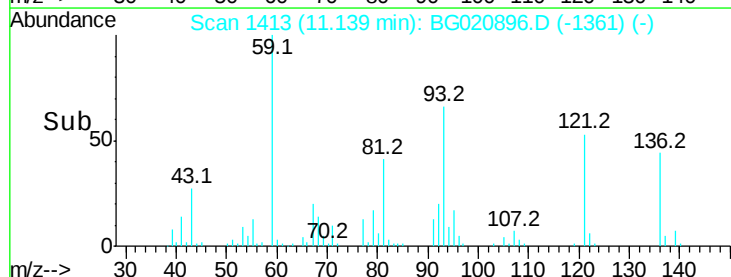
121 53.1 104.3 156.5#

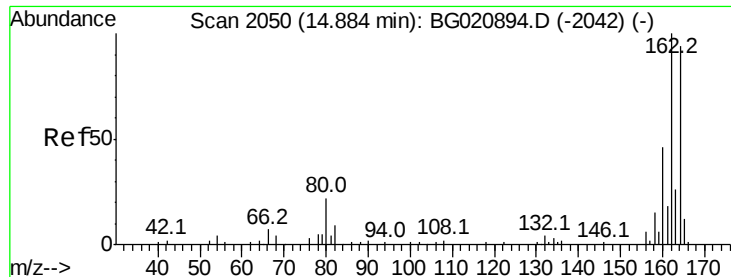


Abundance Ion 59.00 (58.70 to 59.70): BGC

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: BG020896.D

Acq: 12 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

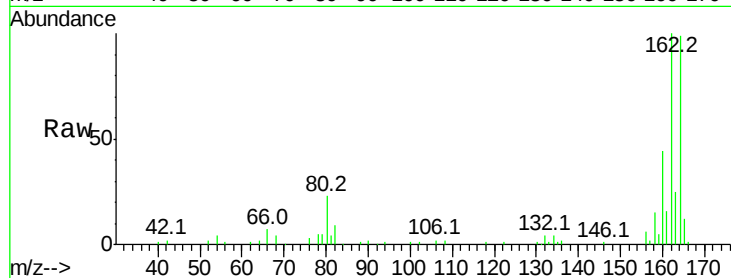
Tot Ion:164 Resp: 55125

Ion Ratio Lower Upper

164 100

162 101.3 74.5 111.7

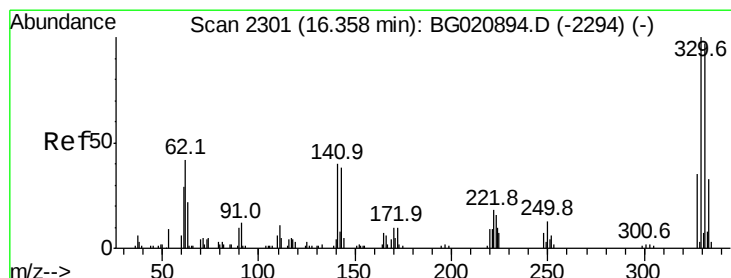
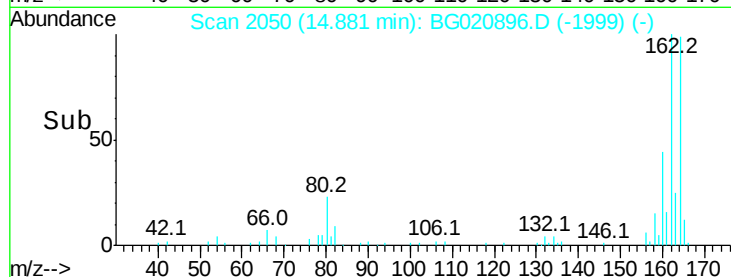
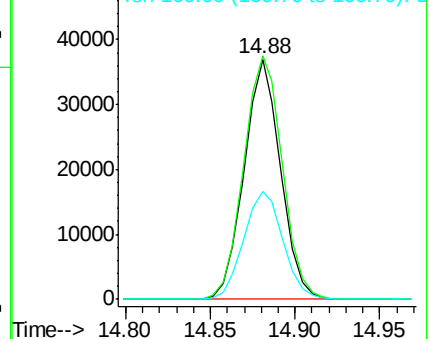
160 45.0 32.7 49.1



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: 111.84 ng

RT: 16.36 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BG020896.D

Acq: 12 Feb 2016 17:12

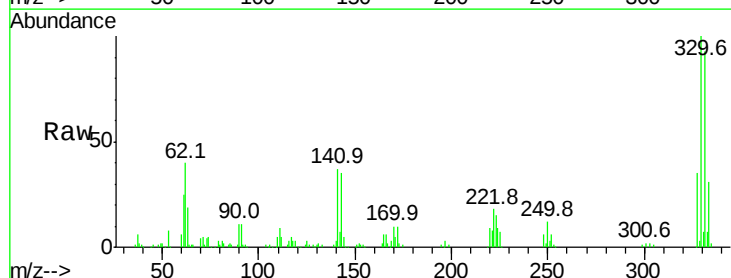
Tgt Ion:330 Resp: 76287

Ion Ratio Lower Upper

330 100

332 95.0 77.7 116.5

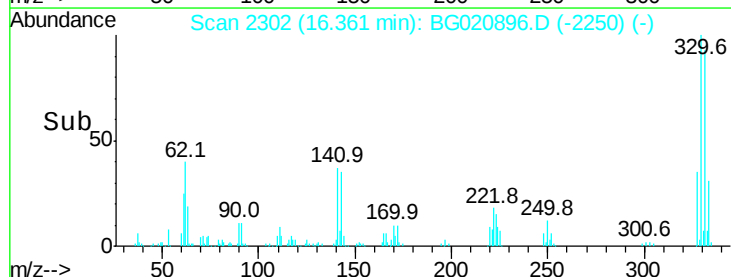
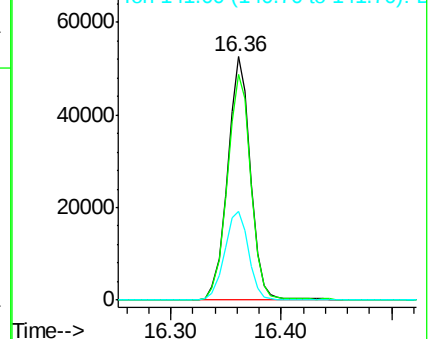
141 38.0 37.0 55.4

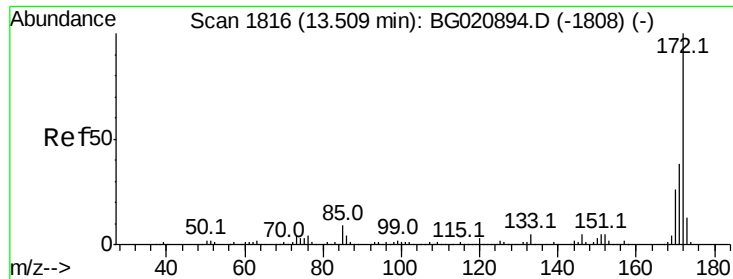


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 135.60 ng

RT: 13.51 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BG020896.D

Acq: 12 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

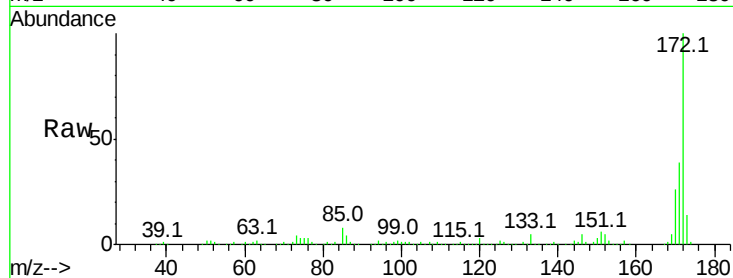
Tot Ion:172 Resp: 459869

Ion Ratio Lower Upper

172 100

171 39.4 31.1 46.7

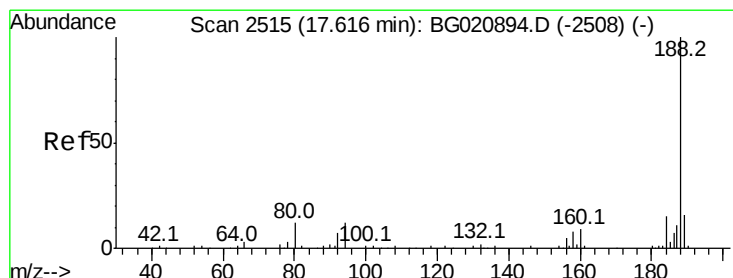
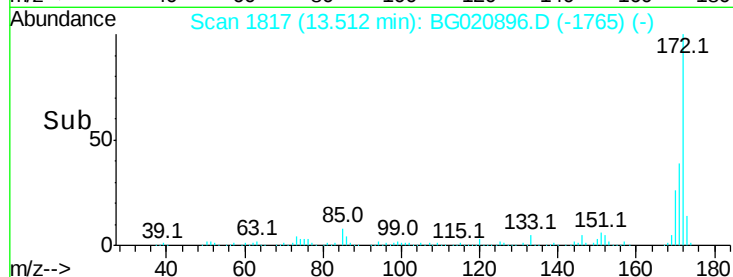
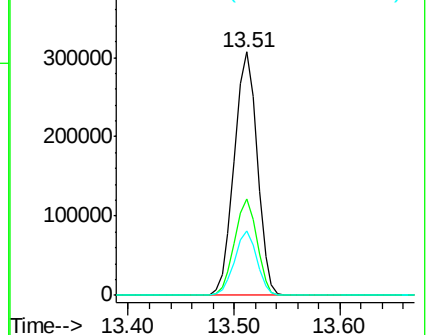
170 26.4 19.0 28.4



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: BG020896.D

Acq: 12 Feb 2016 17:12

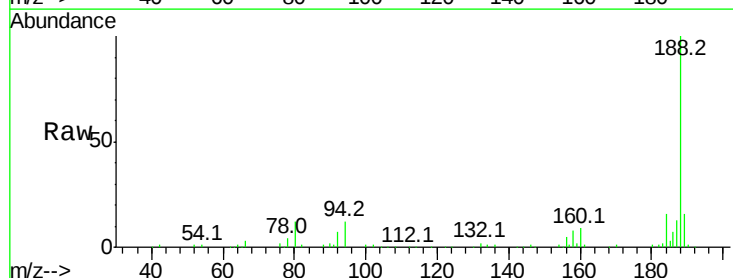
Tgt Ion:188 Resp: 113262

Ion Ratio Lower Upper

188 100

94 11.6 4.6 7.0#

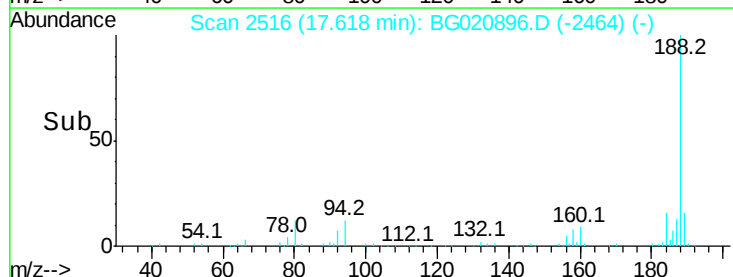
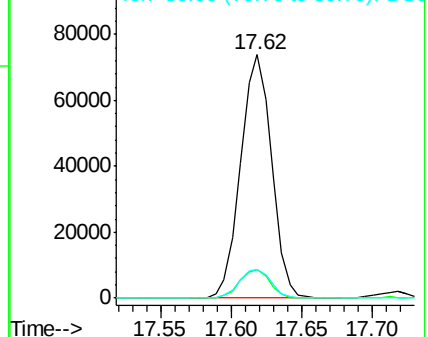
80 11.9 5.6 8.4#

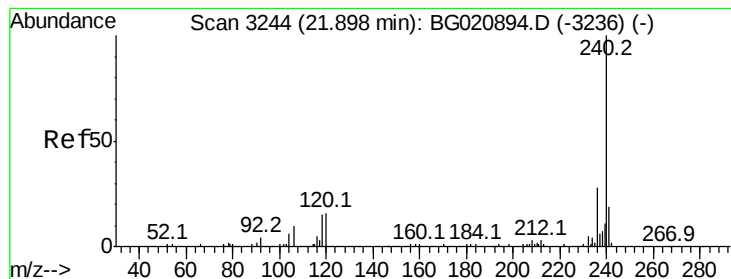


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.89 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BG020896.D

Acq: 12 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

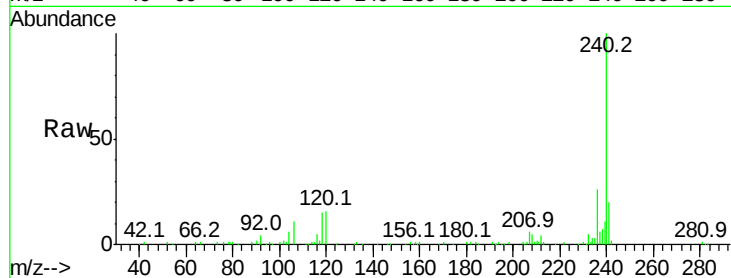
Tot Ion:240 Resp: 106571

Ion Ratio Lower Upper

240 100

120 15.9 2.4 3.6#

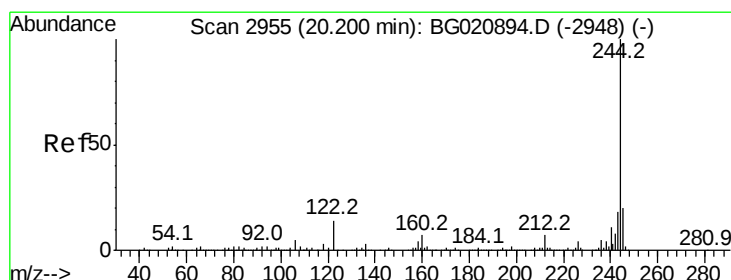
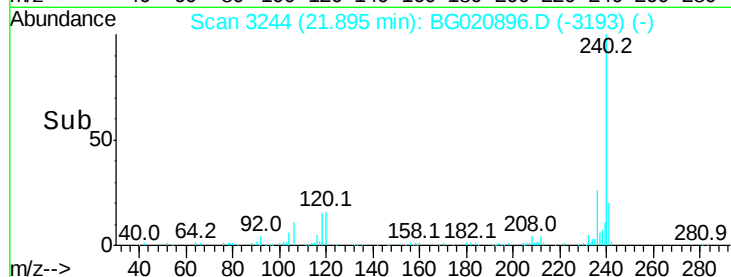
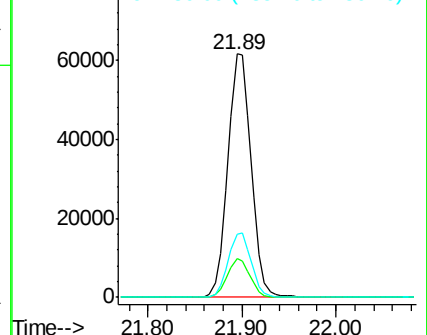
236 25.8 19.5 29.3



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: 131.75 ng

RT: 20.20 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG020896.D

Acq: 12 Feb 2016 17:12

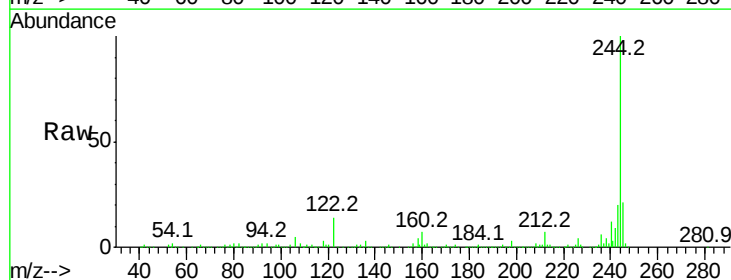
Tgt Ion:244 Resp: 611162

Ion Ratio Lower Upper

244 100

212 7.1 6.7 10.1

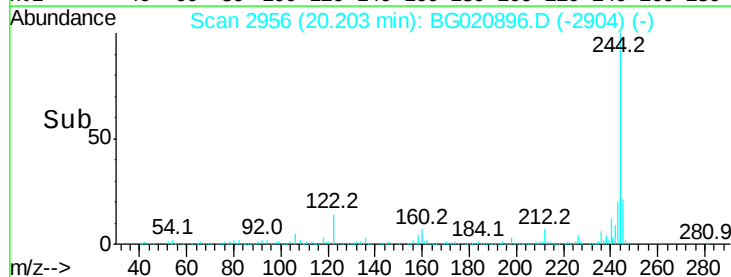
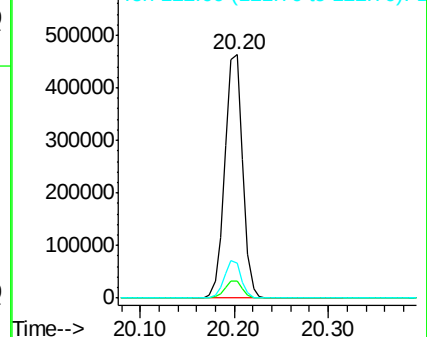
122 14.3 4.3 6.5#

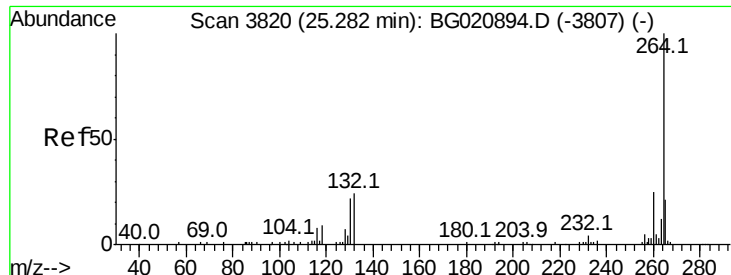


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

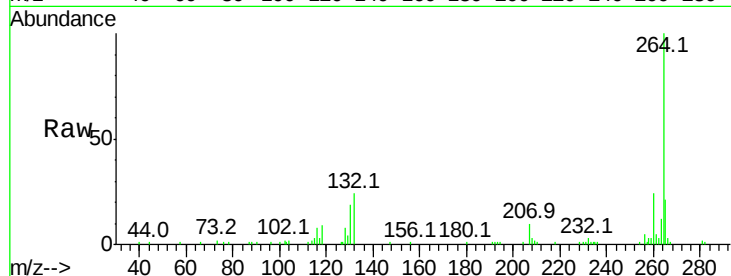




#13
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3821
 Delta R.T. 0.00 min
 Lab File: BG020896.D
 Acq: 12 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.3	25.9
265	21.2	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

