

Data Path : U:\HPCHEM1\BNA G\DATA\BG021216\
 Data File : BG020894.D
 Acq On : 12 Feb 2016 15:53
 Operator : SJ/UM
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Quant Time: Feb 12 16:57:56 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

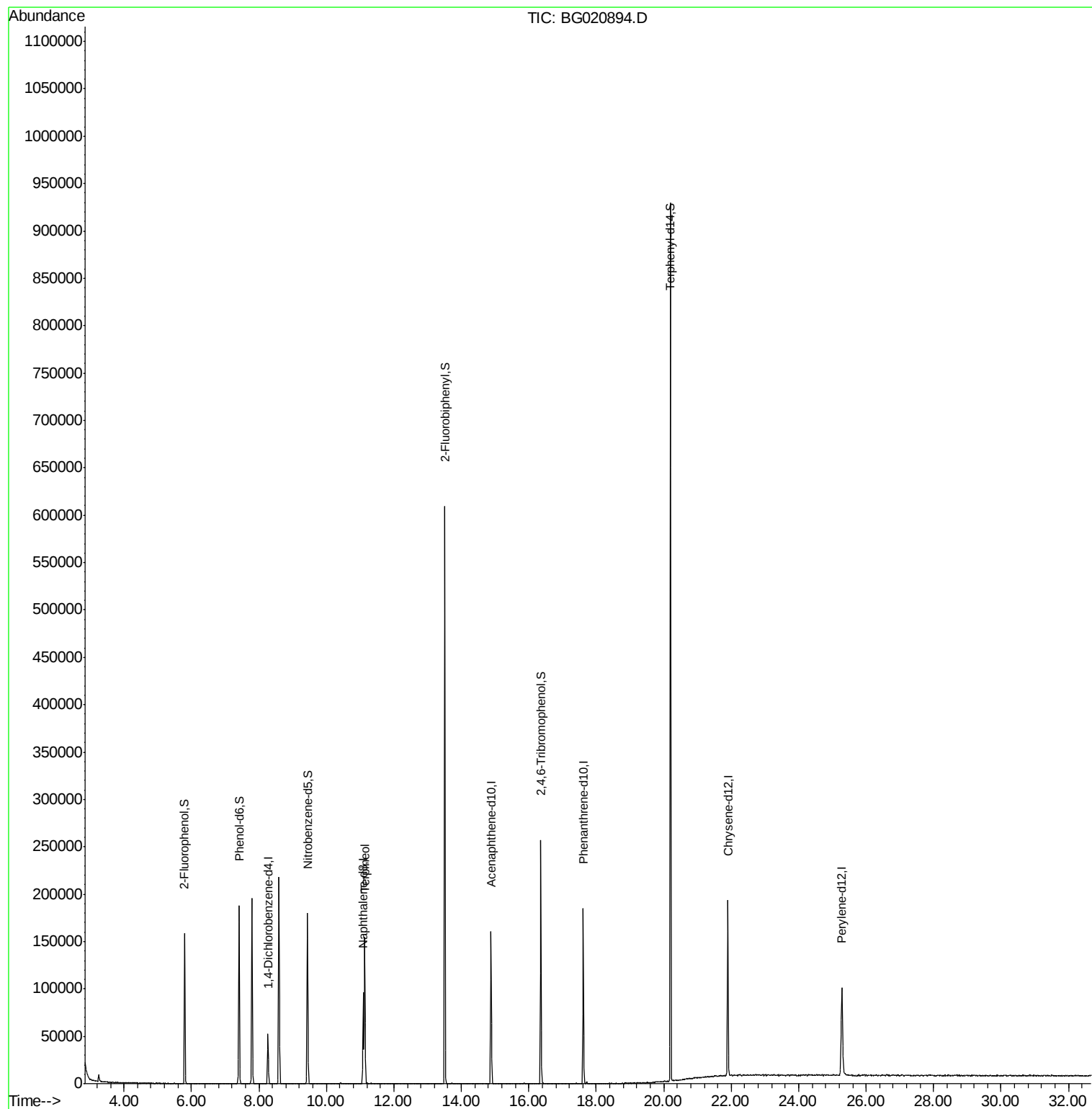
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	17926	20.00	ng	0.00
4) Naphthalene-d8	11.09	136	95627	20.00	ng	0.00
7) Acenaphthene-d10	14.88	164	55333	20.00	ng	0.00
10) Phenanthrene-d10	17.62	188	114034	20.00	ng	0.00
11) Chrysene-d12	21.90	240	107295	20.00	ng	0.00
13) Perylene-d12	25.28	264	99403	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.80	112	90962	109.16	ng	0.00
3) Phenol-d6	7.41	99	139058	133.04	ng	0.00
5) Nitrobenzene-d5	9.44	82	121088	64.65	ng	0.00
8) 2,4,6-Tribromophenol	16.36	330	49125	71.75	ng	0.00
9) 2-Fluorobiphenyl	13.51	172	320497	94.15	ng	0.00
12) Terphenyl-d14	20.20	244	412792	88.39	ng	0.00
Target Compounds						
6) Terpeneol	11.14	59	44481	531.37	ng	Qvalue # 33

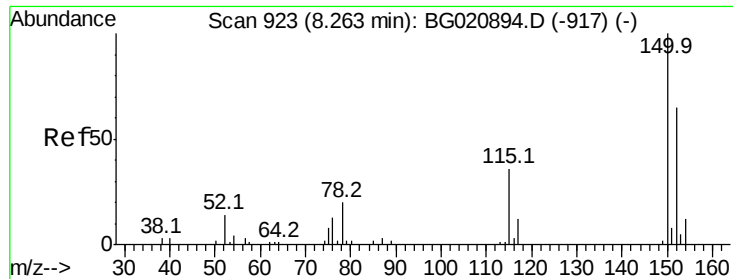
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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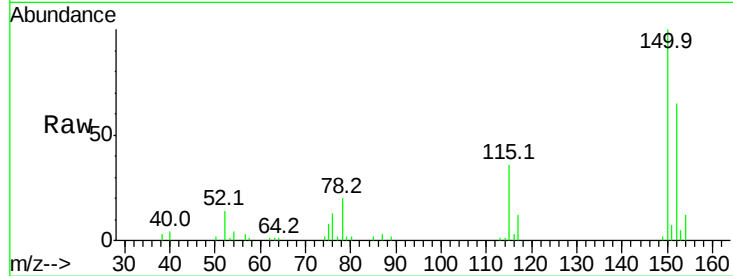


#1

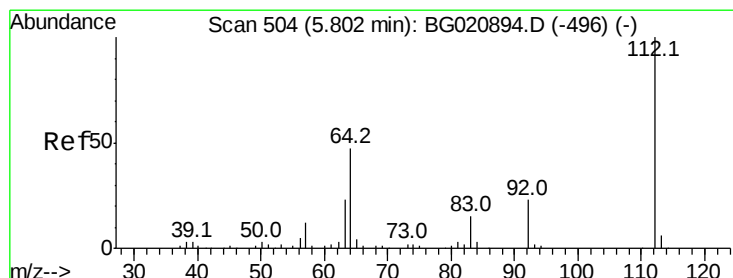
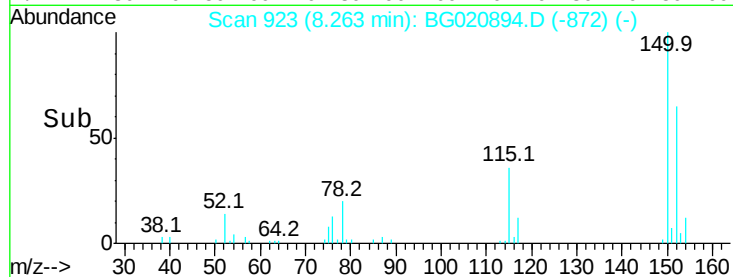
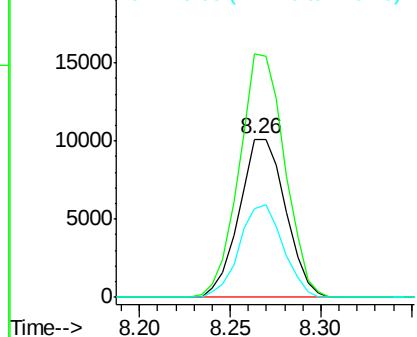
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. 0.00 min
Lab File: BG020894.D
Acq: 12 Feb 2016 15:53

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:152 Resp: 17926
Ion Ratio Lower Upper
152 100
150 154.2 119.8 179.6
115 56.2 49.6 74.4



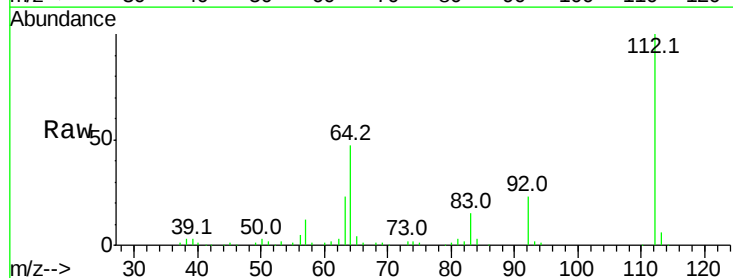
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



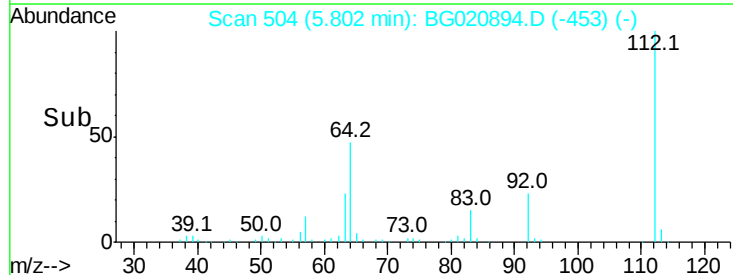
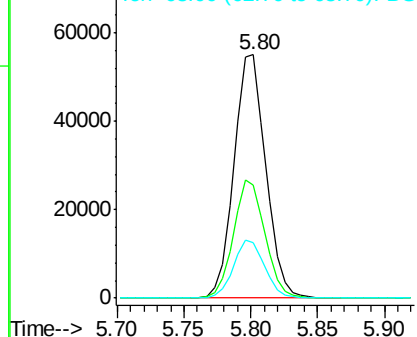
#2

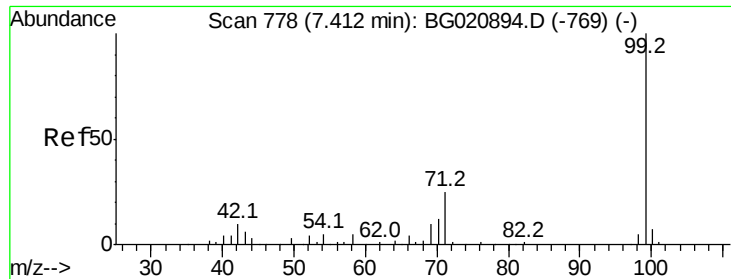
2-Fluorophenol
Concen: 109.16 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG020894.D
Acq: 12 Feb 2016 15:53

Tgt Ion:112 Resp: 90962
Ion Ratio Lower Upper
112 100
64 46.5 43.5 65.3
63 22.6 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: 133.04 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG020894.D

Acq: 12 Feb 2016 15:53

Instrument :

BNA_G

ClientSampled :

SSTDICCC040

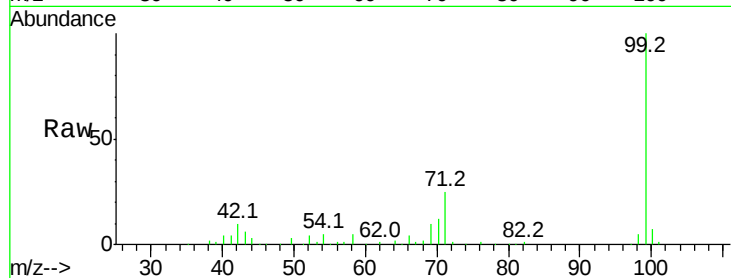
Tot Ion: 99 Resp: 139058

Ion Ratio Lower Upper

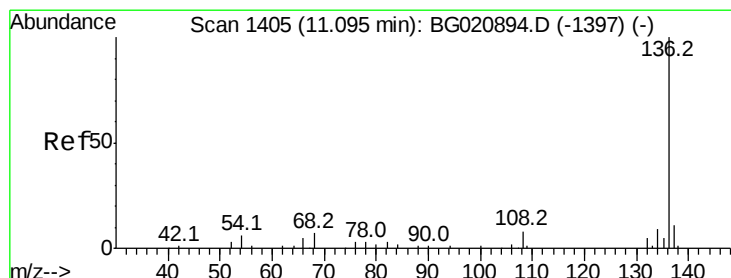
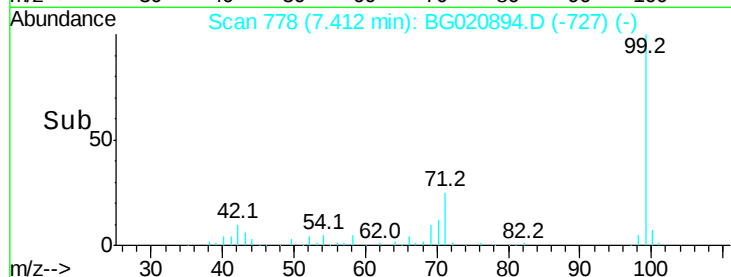
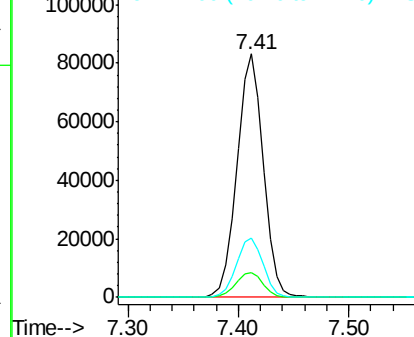
99 100

42 10.3 18.8 28.2#

71 24.6 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: BG020894.D

Acq: 12 Feb 2016 15:53

Tgt Ion: 136 Resp: 95627

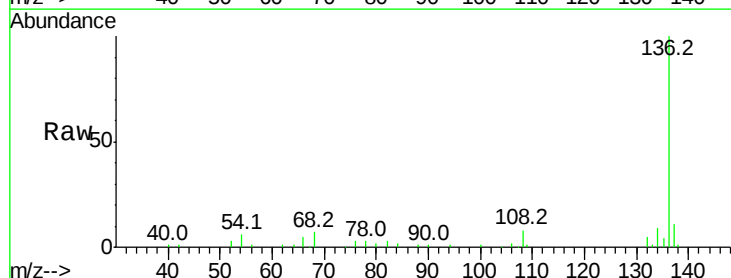
Ion Ratio Lower Upper

136 100

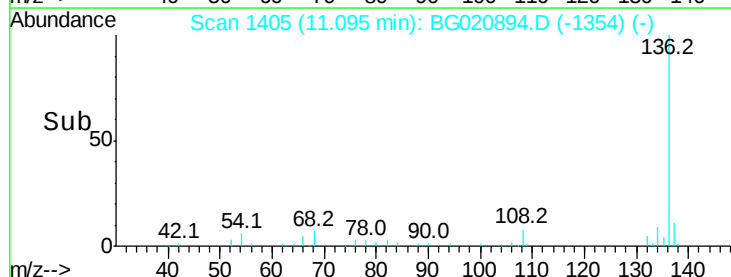
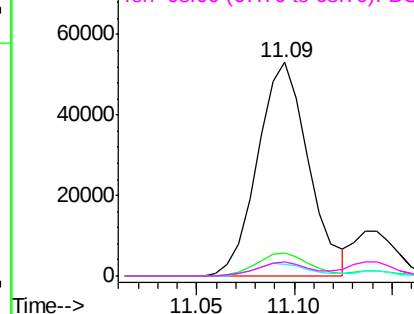
137 10.7 9.0 13.4

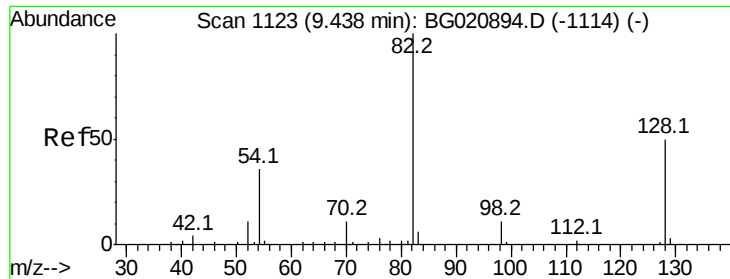
54 5.5 4.4 6.6

68 6.6 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: 64.65 ng

RT: 9.44 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG020894.D

Acq: 12 Feb 2016 15:53

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

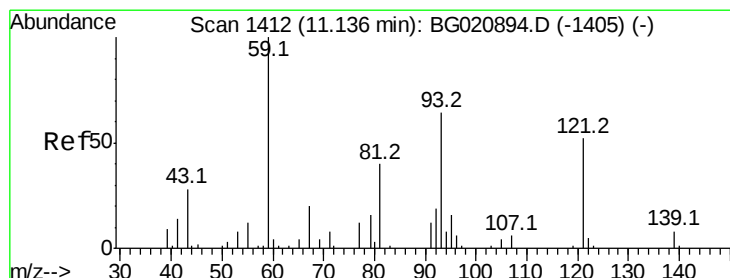
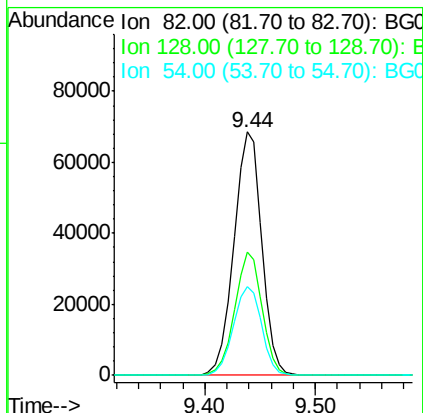
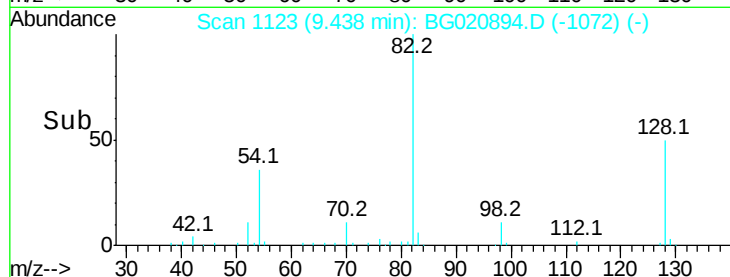
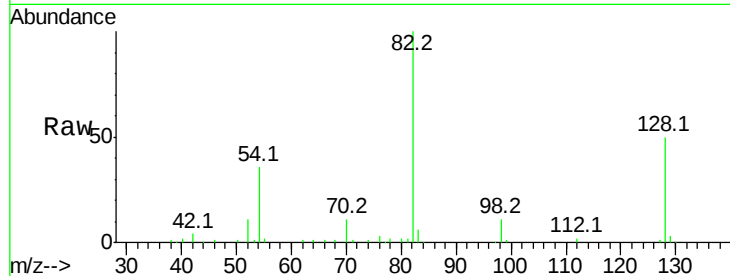
Tot Ion: 82 Resp: 121088

Ion Ratio Lower Upper

82 100

128 50.5 29.0 43.4#

54 36.5 34.5 51.7



#6

Terpineol

Concen: 531.37 ng

RT: 11.14 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BG020894.D

Acq: 12 Feb 2016 15:53

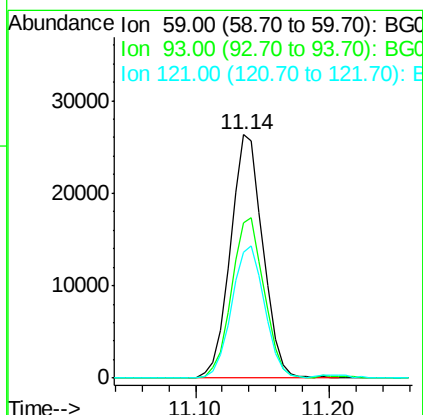
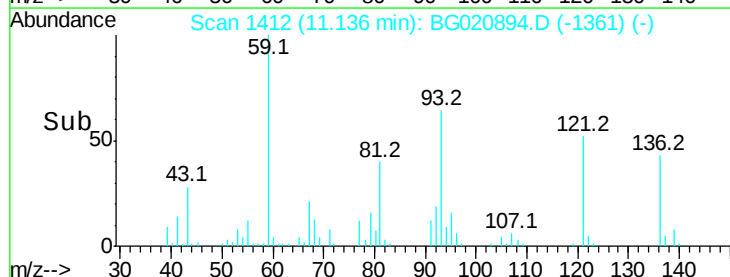
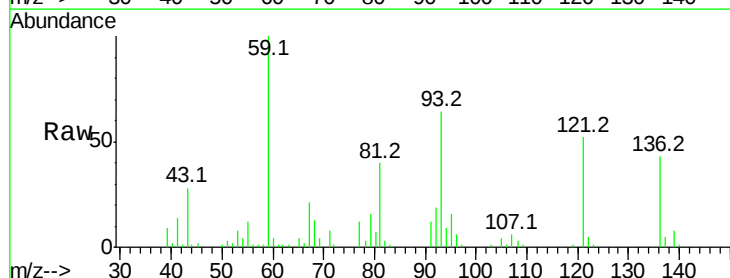
Tgt Ion: 59 Resp: 44481

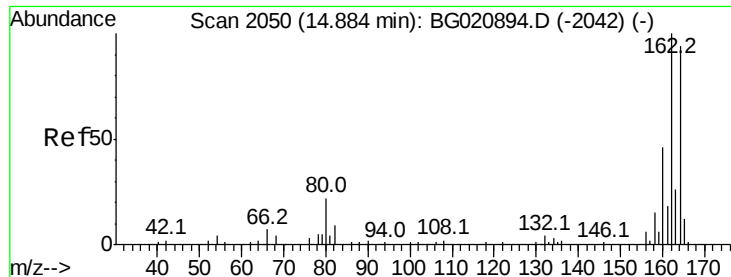
Ion Ratio Lower Upper

59 100

93 63.9 118.9 178.3#

121 51.6 104.3 156.5#





#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG020894.D

Acq: 12 Feb 2016 15:53

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

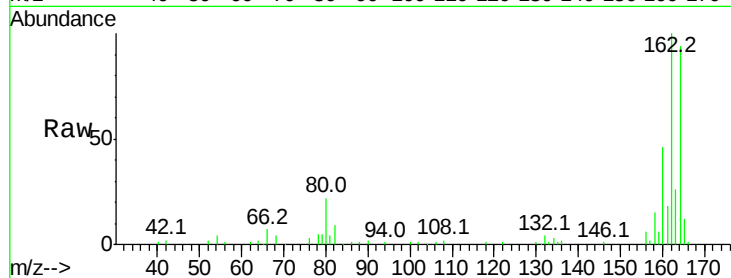
Tot Ion:164 Resp: 55333

Ion Ratio Lower Upper

164 100

162 106.8 74.5 111.7

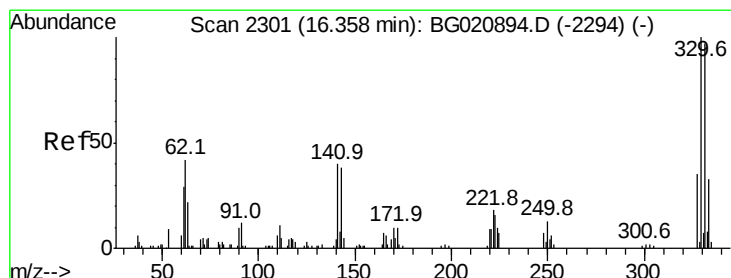
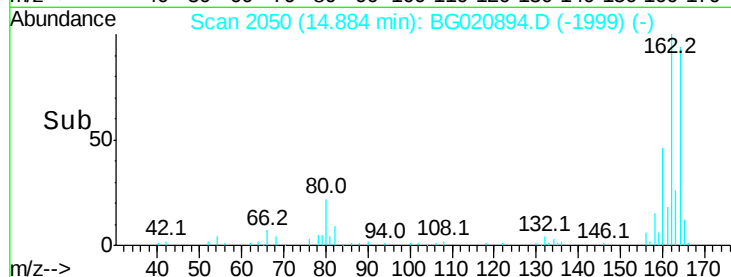
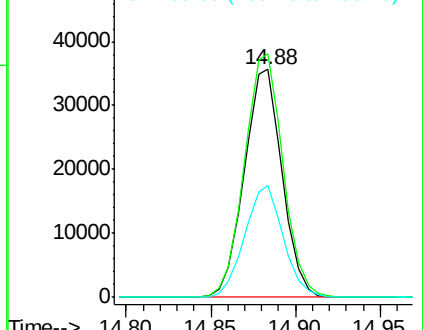
160 48.8 32.7 49.1



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: 71.75 ng

RT: 16.36 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BG020894.D

Acq: 12 Feb 2016 15:53

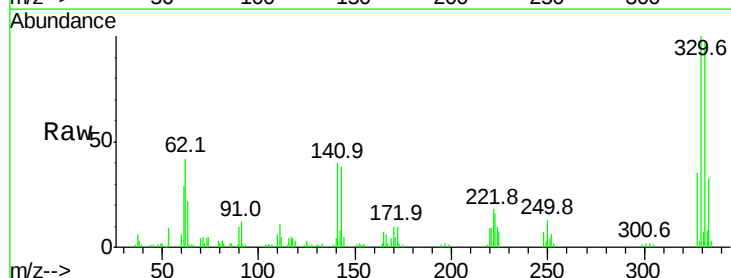
Tgt Ion:330 Resp: 49125

Ion Ratio Lower Upper

330 100

332 97.7 77.7 116.5

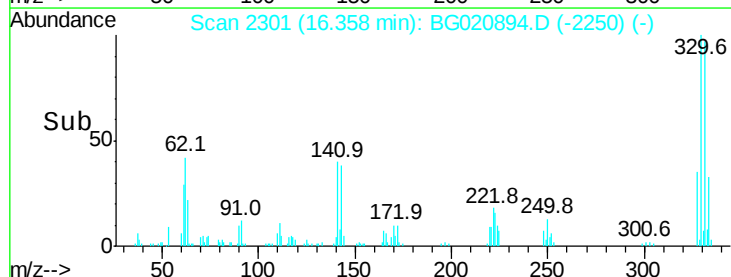
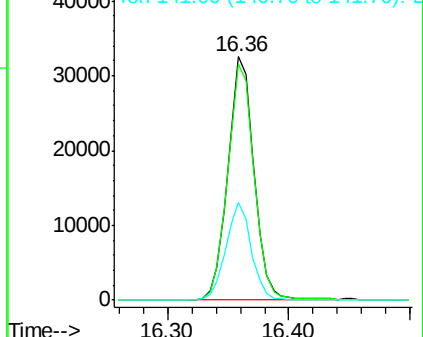
141 38.4 37.0 55.4

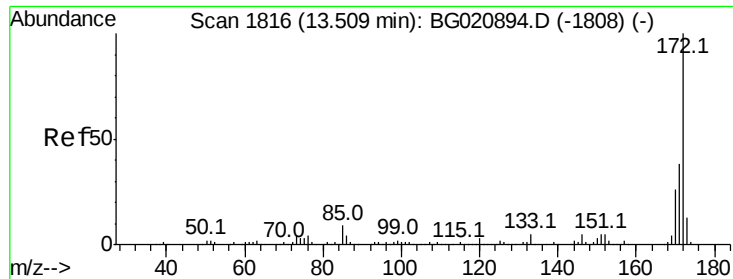


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 94.15 ng

RT: 13.51 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BG020894.D

Acq: 12 Feb 2016 15:53

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

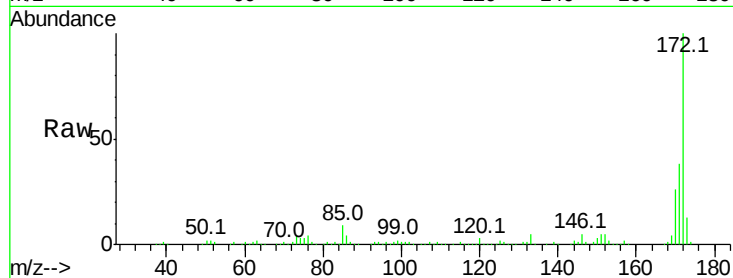
Tot Ion:172 Resp: 320497

Ion Ratio Lower Upper

172 100

171 38.3 31.1 46.7

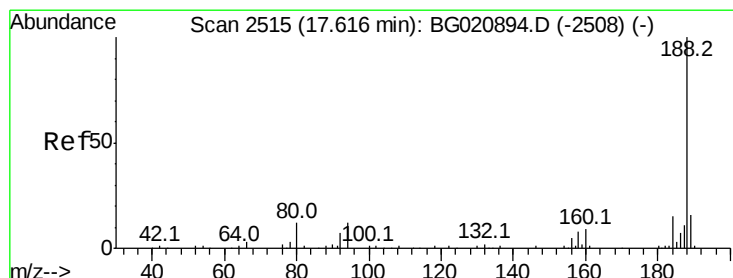
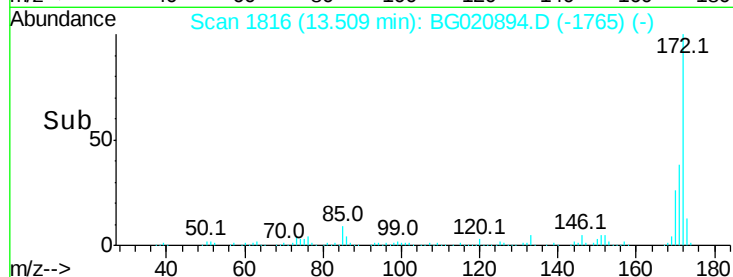
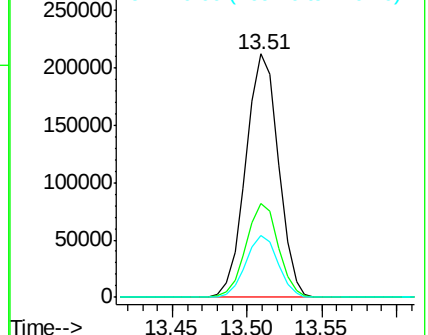
170 25.6 19.0 28.4



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# 2515

Delta R.T. 0.00 min

Lab File: BG020894.D

Acq: 12 Feb 2016 15:53

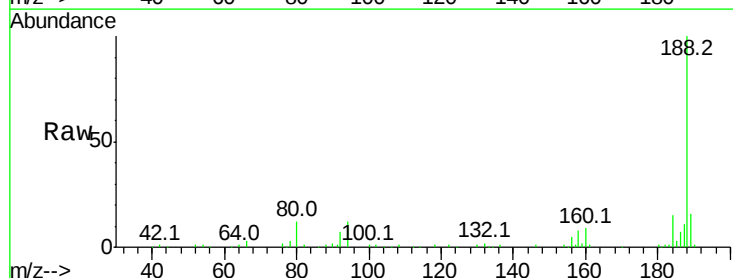
Tgt Ion:188 Resp: 114034

Ion Ratio Lower Upper

188 100

94 11.6 4.6 7.0#

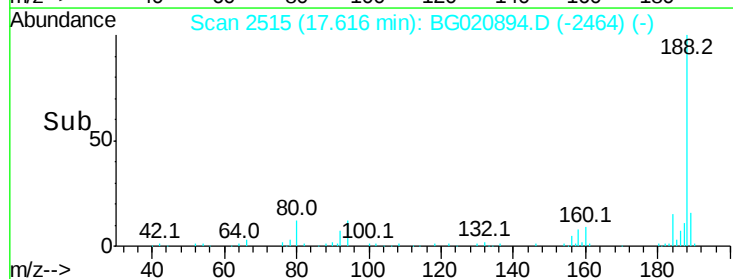
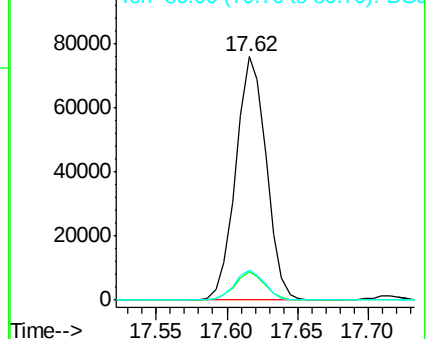
80 12.2 5.6 8.4#

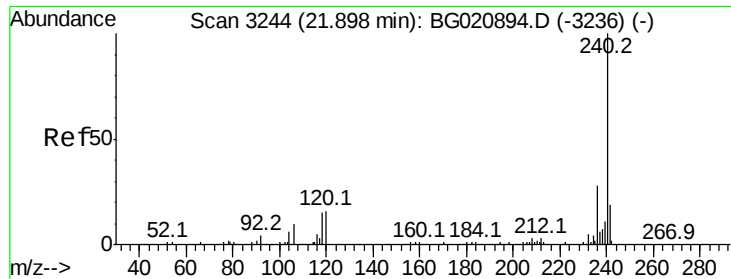


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3244

Delta R.T. 0.00 min

Lab File: BG020894.D

Acq: 12 Feb 2016 15:53

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

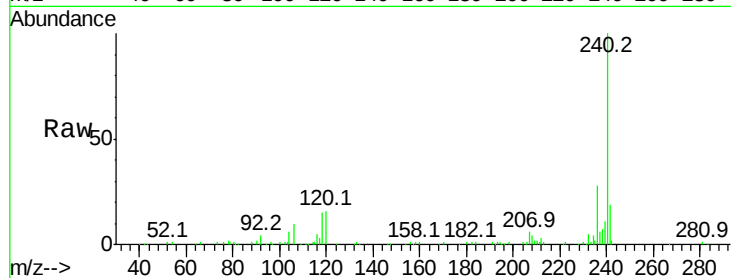
Tot Ion:240 Resp: 107295

Ion Ratio Lower Upper

240 100

120 15.9 2.4 3.6#

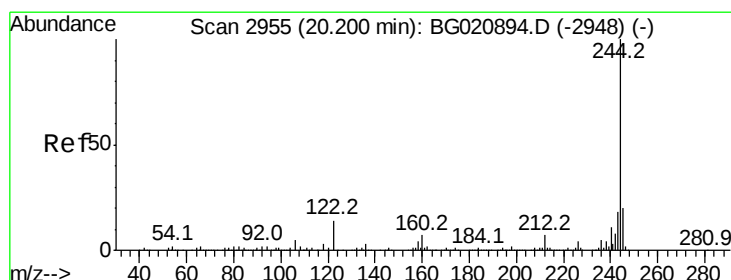
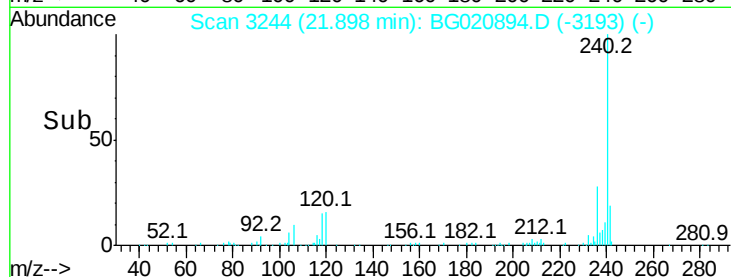
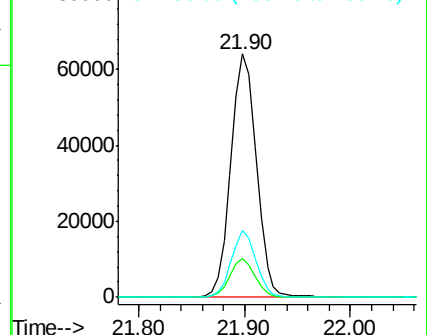
236 27.7 19.5 29.3



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: 88.39 ng

RT: 20.20 min Scan# 2955

Delta R.T. 0.00 min

Lab File: BG020894.D

Acq: 12 Feb 2016 15:53

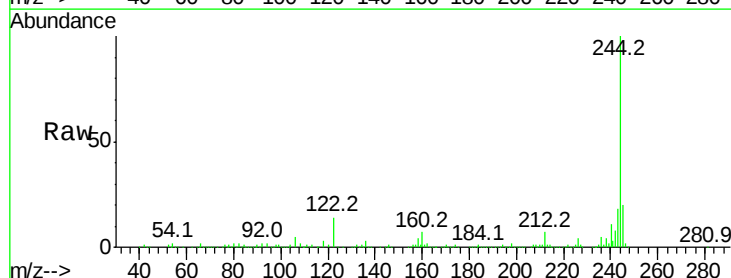
Tgt Ion:244 Resp: 412792

Ion Ratio Lower Upper

244 100

212 6.6 6.7 10.1#

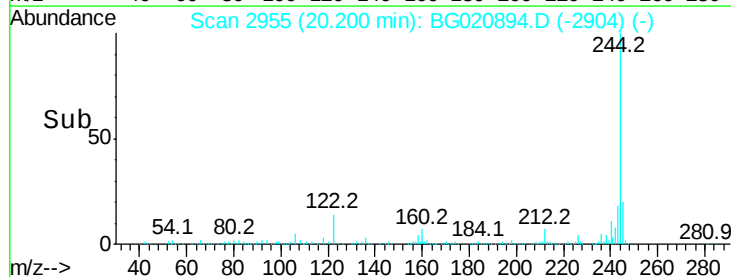
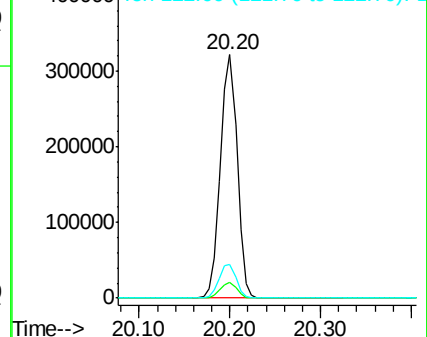
122 13.7 4.3 6.5#

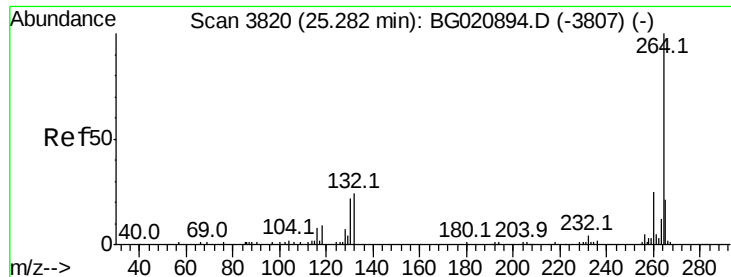


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

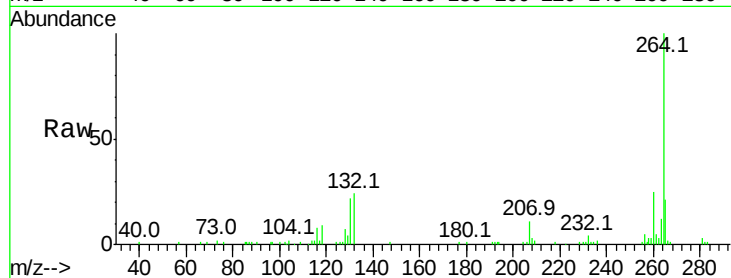




#13
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3820
 Delta R.T. 0.00 min
 Lab File: BG020894.D
 Acq: 12 Feb 2016 15:53

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.3	25.9
265	21.5	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

