

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016302.D
 Acq On : 9 Apr 2015 22:35
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Apr 10 03:33:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\625-TERPINEOL-BG040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 19:35:19 2015
 Response via : Initial Calibration

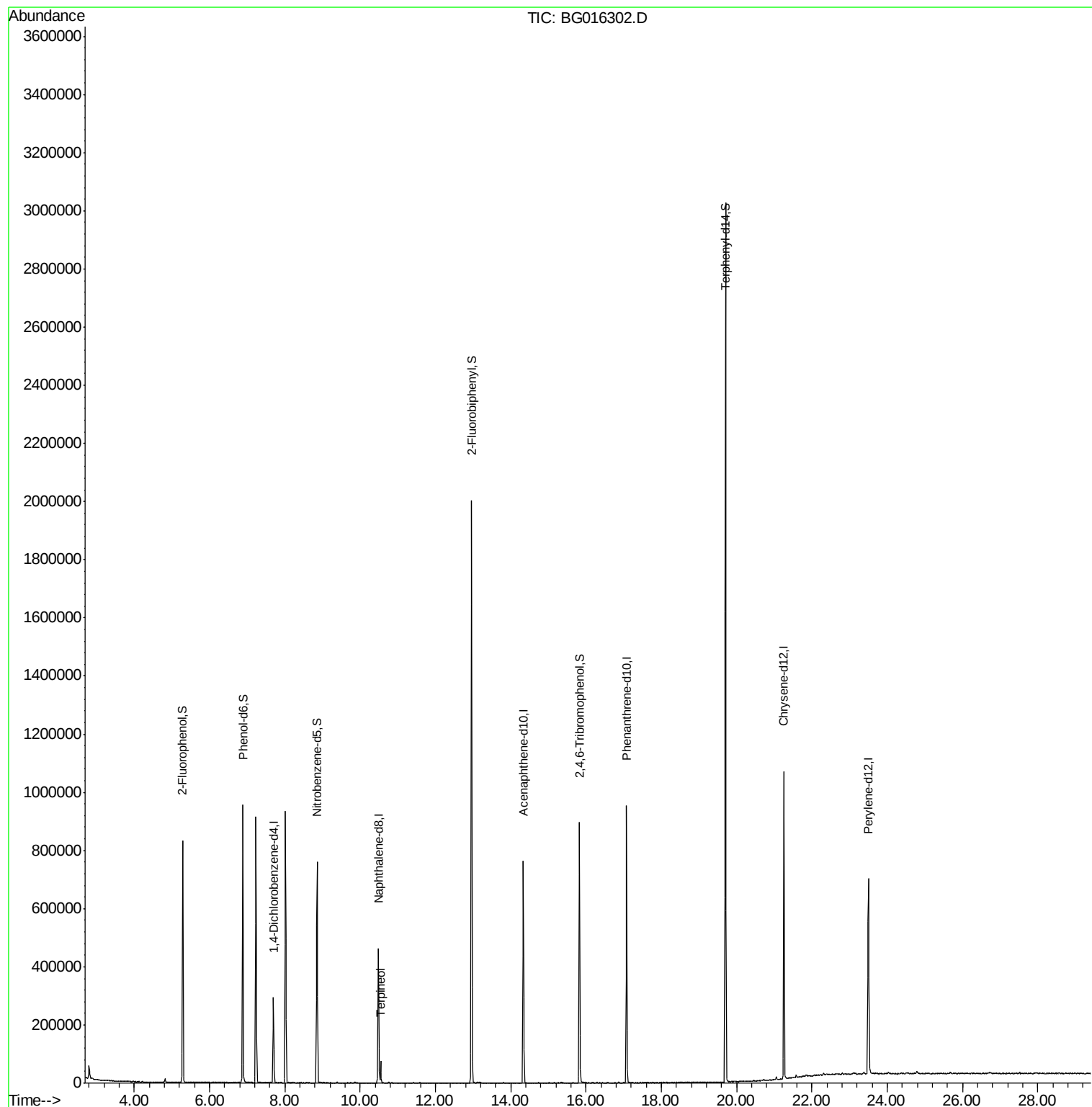
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	79003	20.00	ng	0.00
4) Naphthalene-d8	10.48	136	394734	20.00	ng	0.00
7) Acenaphthene-d10	14.34	164	241284	20.00	ng	0.00
10) Phenanthrene-d10	17.08	188	495788	20.00	ng	0.00
11) Chrysene-d12	21.25	240	418455	20.00	ng	0.00
13) Perylene-d12	23.50	264	389014	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.28	112	393506	77.69	ng	0.00
3) Phenol-d6	6.88	99	610108	78.12	ng	0.00
5) Nitrobenzene-d5	8.86	82	455439	80.91	ng	0.00
8) 2,4,6-Tribromophenol	15.82	330	120577	83.41	ng	0.00
9) 2-Fluorobiphenyl	12.96	172	958223	77.19	ng	0.00
12) Terphenyl-d14	19.71	244	1181025	77.71	ng	0.00
Target Compounds						
6) Terpeneol	10.54	59	18155	39.70	ng	Qvalue # 73

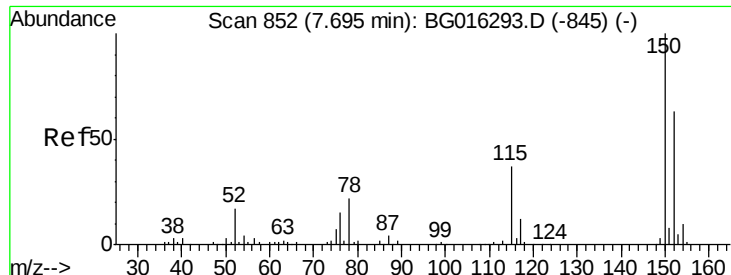
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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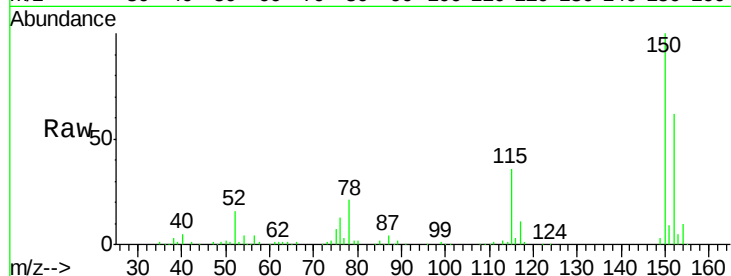


#1

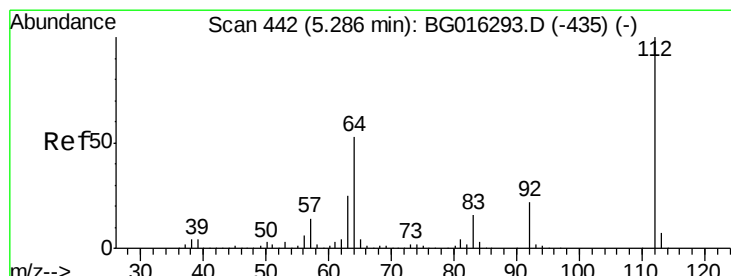
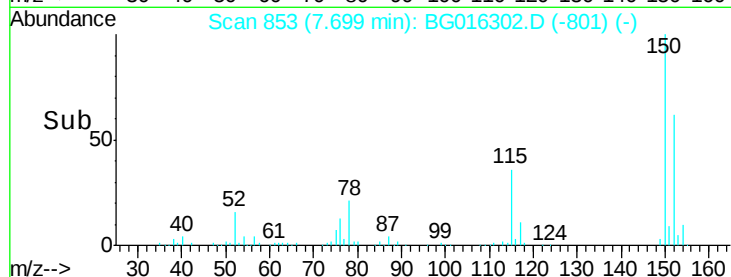
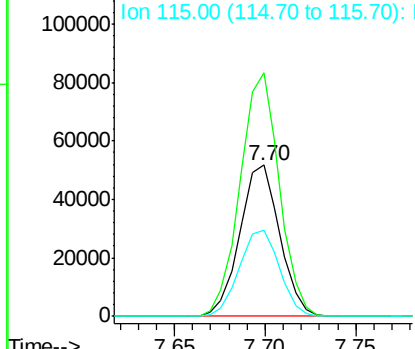
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.70 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BG016302.D
 Acq: 9 Apr 2015 22:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	139.4	209.0
115	57.3	44.6	67.0



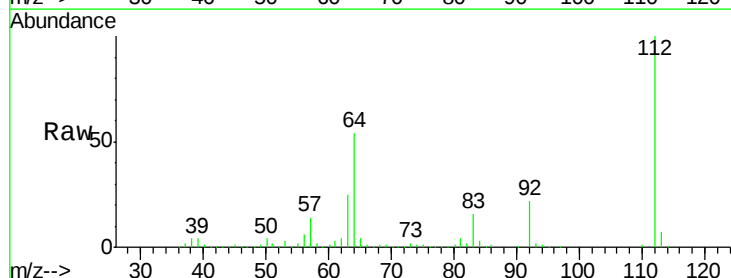
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



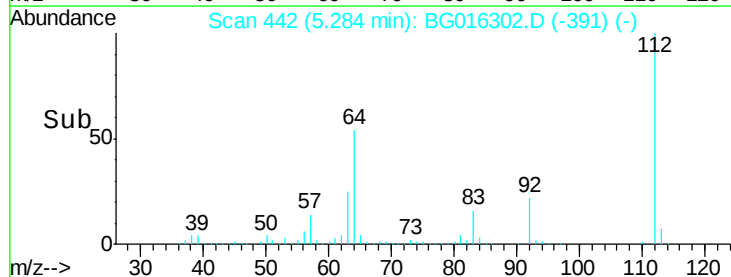
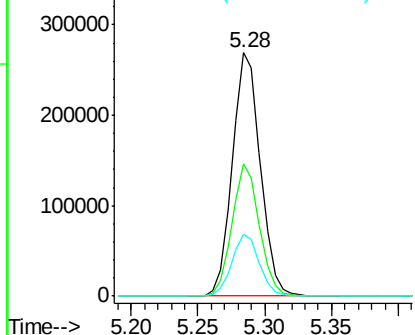
#2

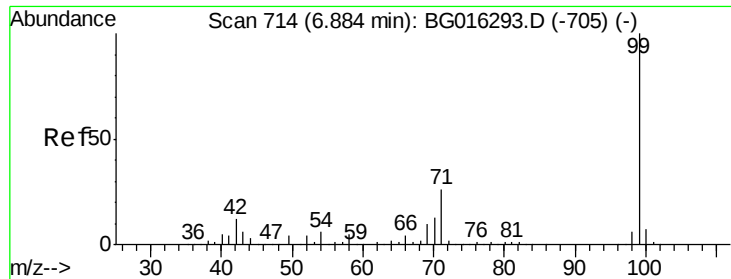
2-Fluorophenol
 Concen: 77.69 ng
 RT: 5.28 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BG016302.D
 Acq: 9 Apr 2015 22:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	38.3	57.5
63	25.2	24.2	36.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG016302.D (-391) (-)
 Ion 63.00 (62.70 to 63.70): BG016302.D (-391) (-)





#3

Phenol-d6

Concen: 78.12 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG016302.D

Acq: 9 Apr 2015 22:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

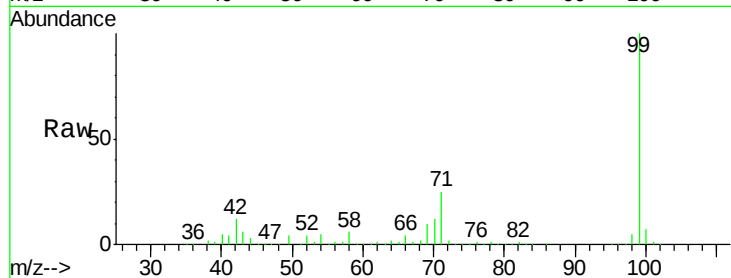
Tot Ion: 99 Resp: 610108

Ion Ratio Lower Upper

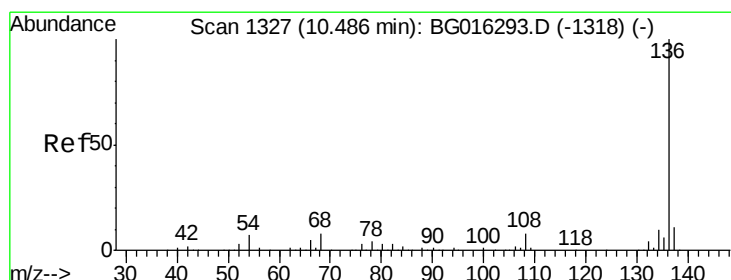
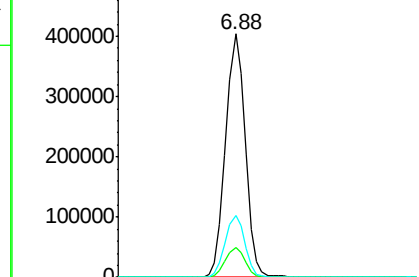
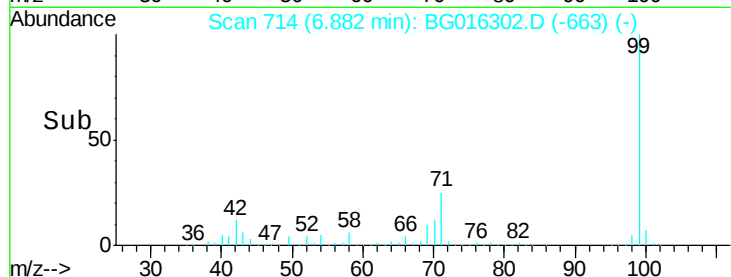
99 100

42 12.4 16.5 24.7#

71 25.3 40.0 60.0#



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: 10.48 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG016302.D

Acq: 9 Apr 2015 22:35

Tgt Ion: 136 Resp: 394734

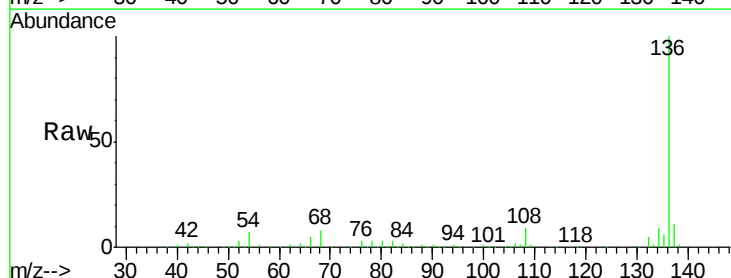
Ion Ratio Lower Upper

136 100

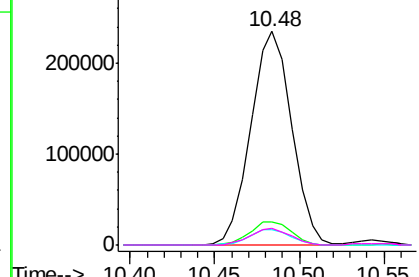
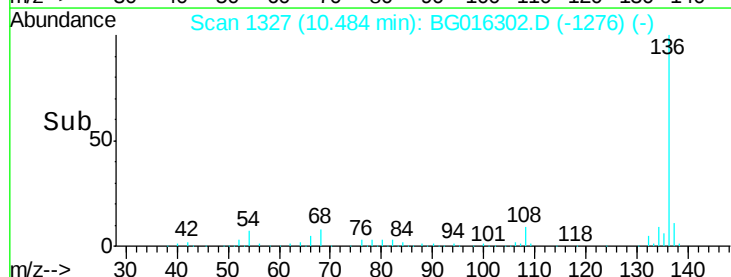
137 11.0 9.7 14.5

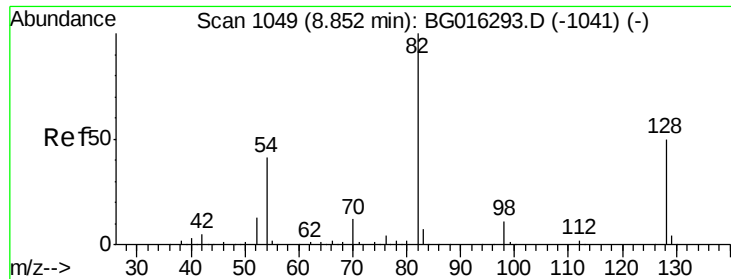
54 7.3 3.2 4.8#

68 7.7 1.6 2.4#



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: 80.91 ng

RT: 8.86 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BG016302.D

Acq: 9 Apr 2015 22:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

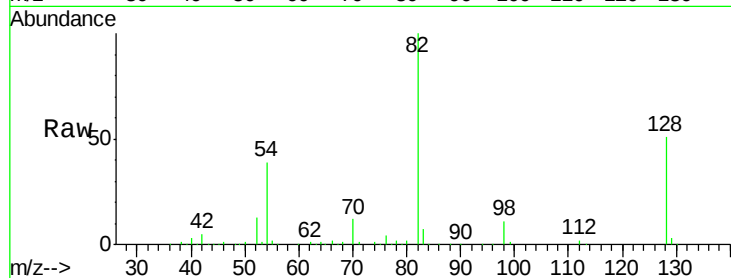
Tot Ion: 82 Resp: 455439

Ion Ratio Lower Upper

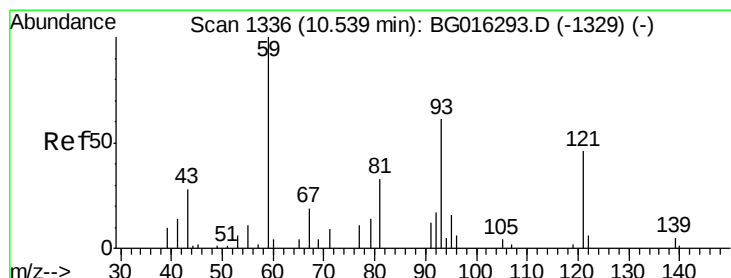
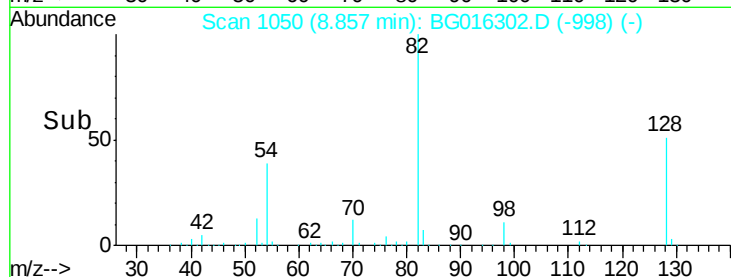
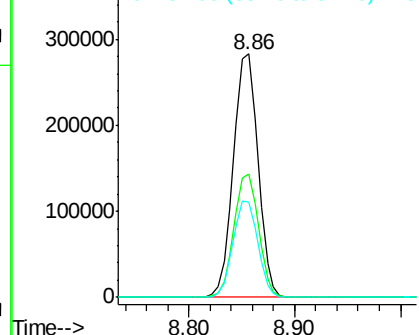
82 100

128 50.8 37.5 56.3

54 38.9 41.0 61.4#



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: 39.70 ng

RT: 10.54 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BG016302.D

Acq: 9 Apr 2015 22:35

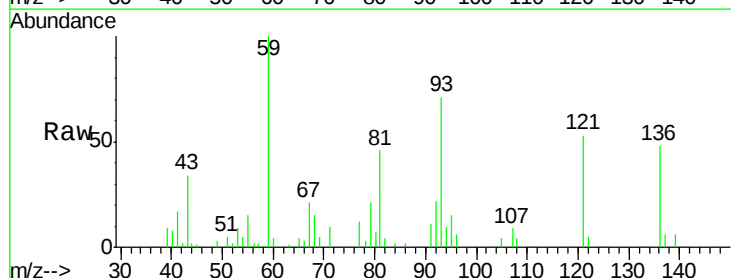
Tgt Ion: 59 Resp: 18155

Ion Ratio Lower Upper

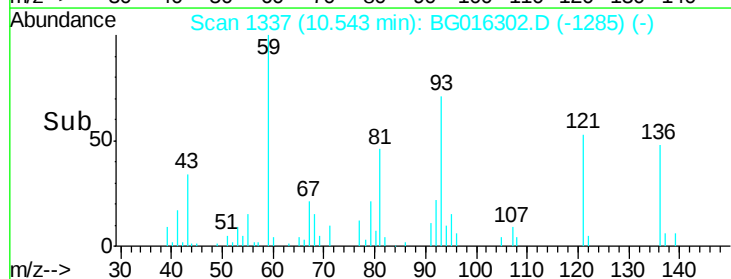
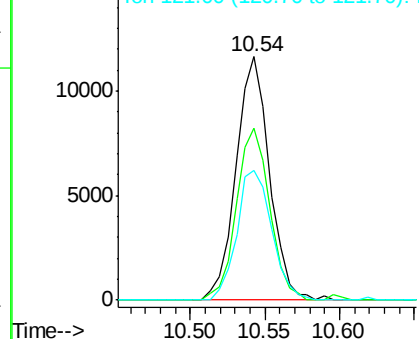
59 100

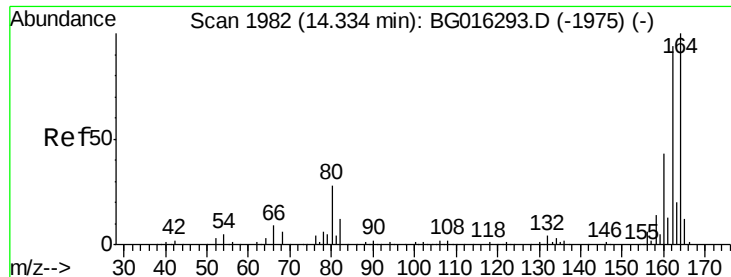
93 70.6 66.9 100.3

121 53.4 72.0 108.0#



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: 14.34 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG016302.D

Acq: 9 Apr 2015 22:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

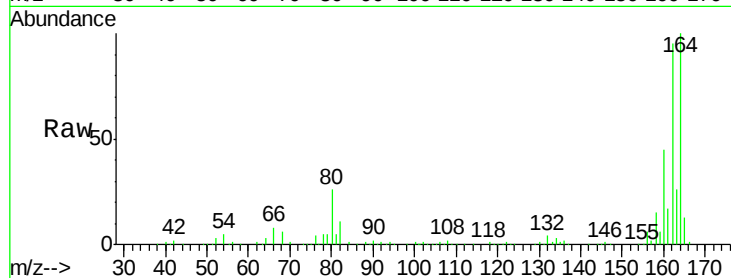
Tot Ion:164 Resp: 241284

Ion Ratio Lower Upper

164 100

162 95.1 72.8 109.2

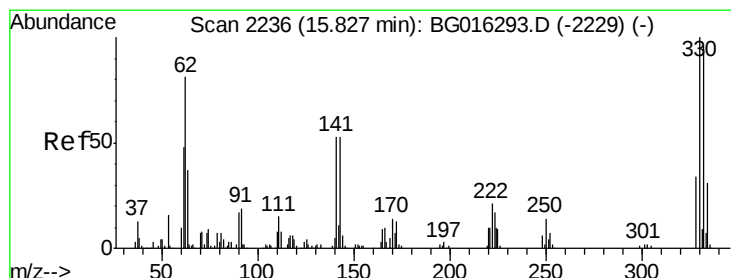
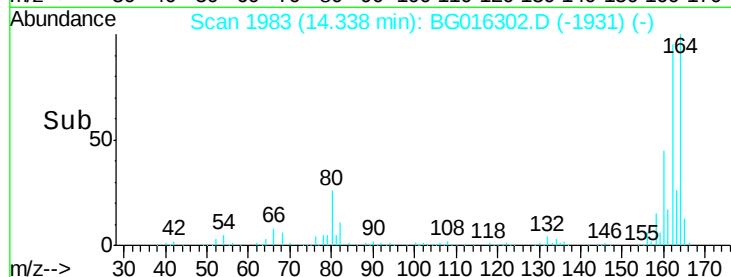
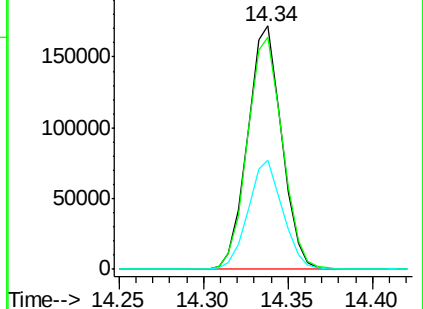
160 44.9 31.9 47.9



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: 83.41 ng

RT: 15.82 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG016302.D

Acq: 9 Apr 2015 22:35

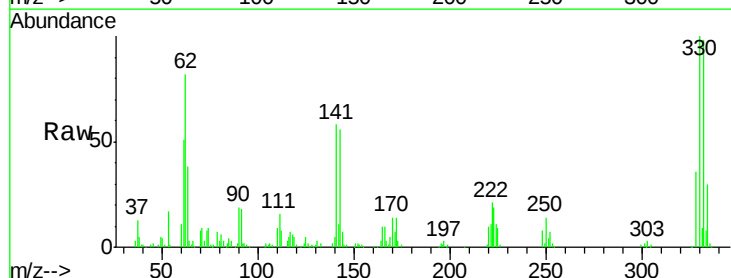
Tgt Ion:330 Resp: 120577

Ion Ratio Lower Upper

330 100

332 97.2 79.6 119.4

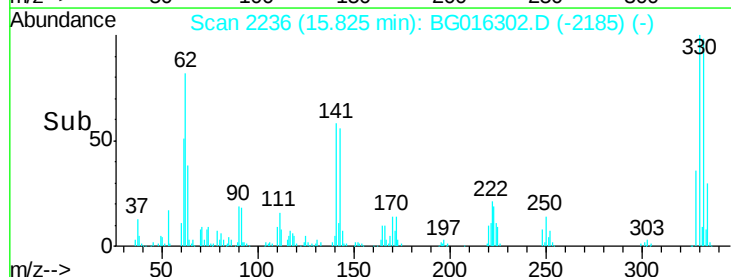
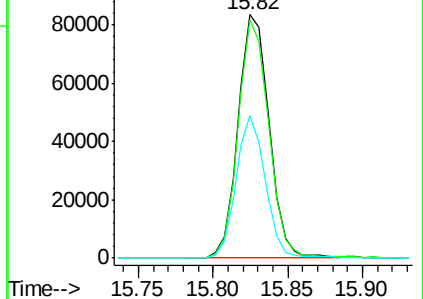
141 55.5 27.3 40.9#

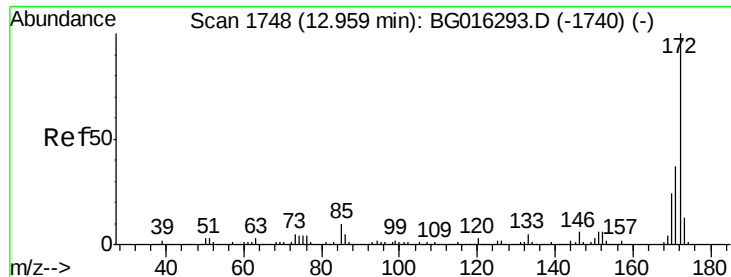


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

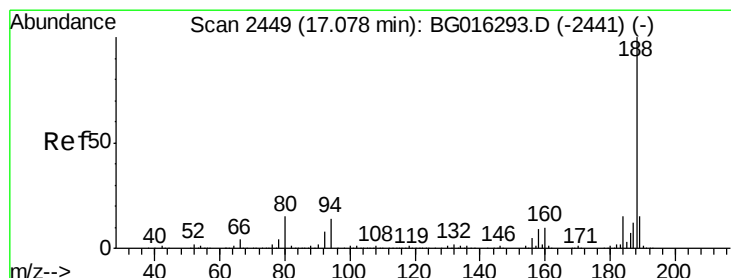
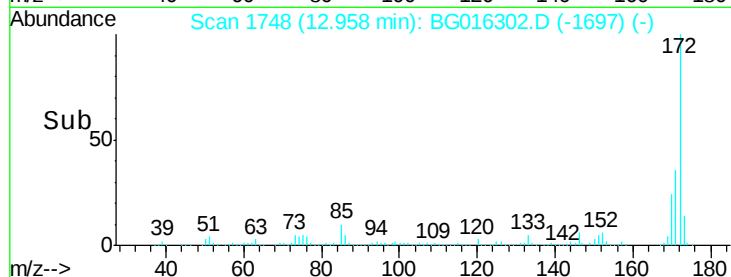
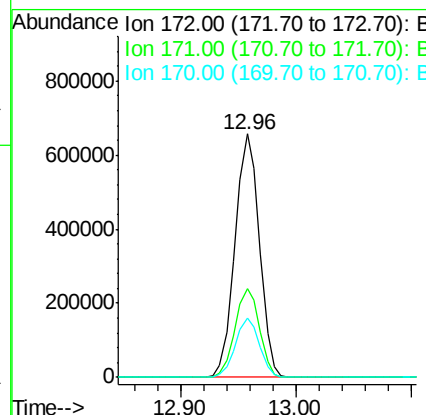
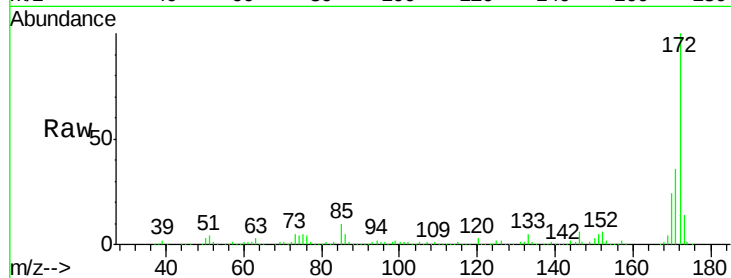




#9
 2-Fluorobiphenyl
 Concen: 77.19 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016302.D
 Acq: 9 Apr 2015 22:35

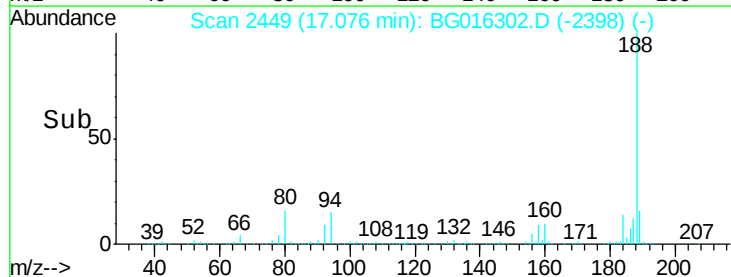
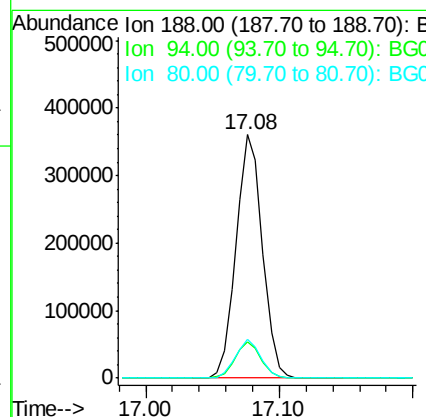
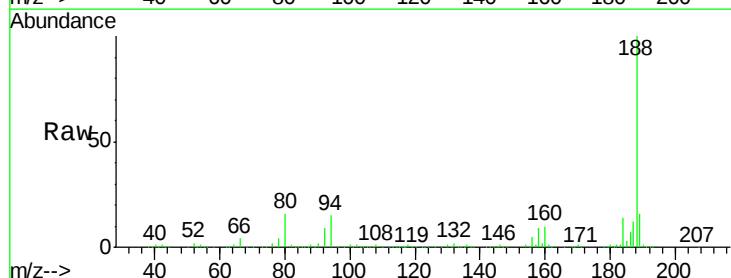
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

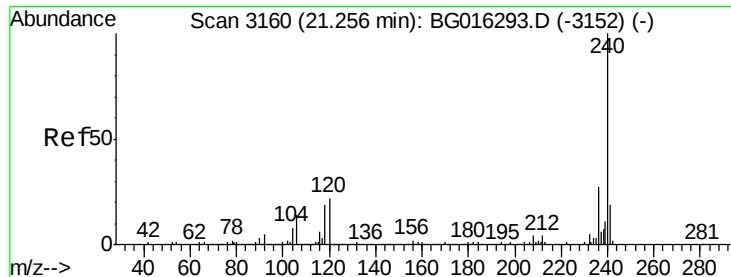
Tot Ion:172 Resp: 958223
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.1 46.7
 170 24.4 19.8 29.8



#10
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG016302.D
 Acq: 9 Apr 2015 22:35

Tgt Ion:188 Resp: 495788
 Ion Ratio Lower Upper
 188 100
 94 15.1 4.0 6.0#
 80 15.7 3.4 5.2#





#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016302.D

Acq: 9 Apr 2015 22:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

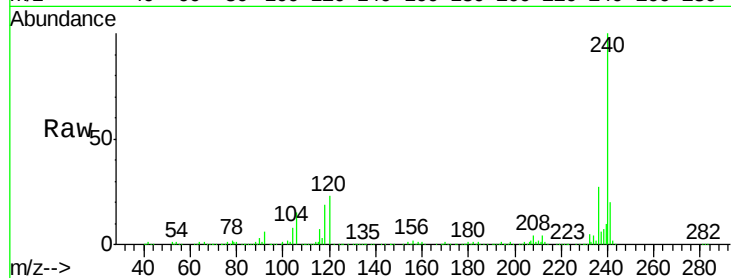
Tot Ion:240 Resp: 418455

Ion Ratio Lower Upper

240 100

120 23.3 4.9 7.3#

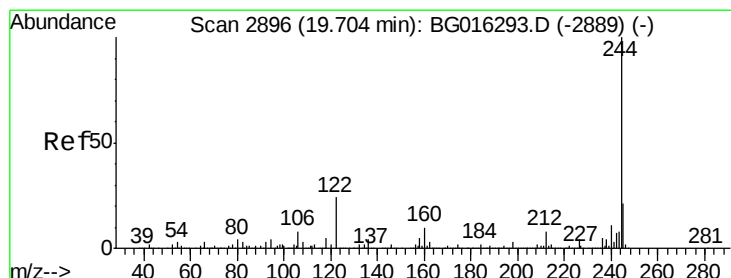
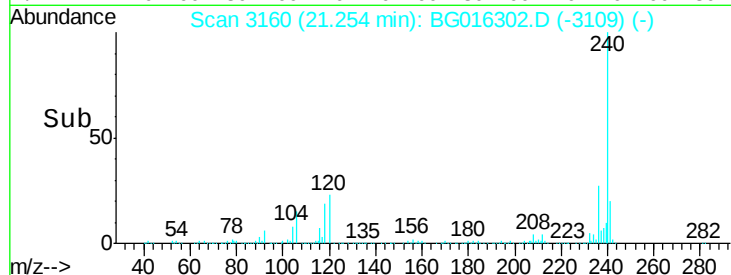
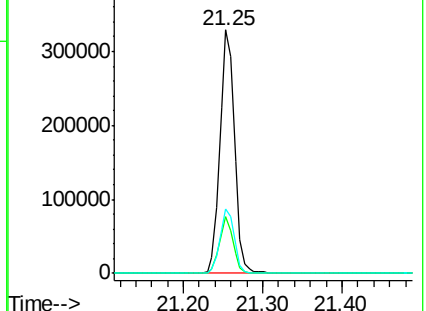
236 26.7 18.8 28.2



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: 77.71 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.01 min

Lab File: BG016302.D

Acq: 9 Apr 2015 22:35

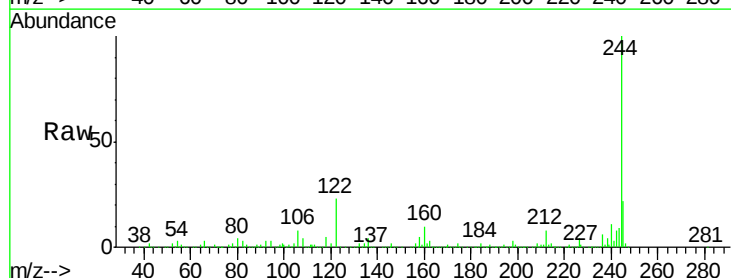
Tgt Ion:244 Resp: 1181025

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

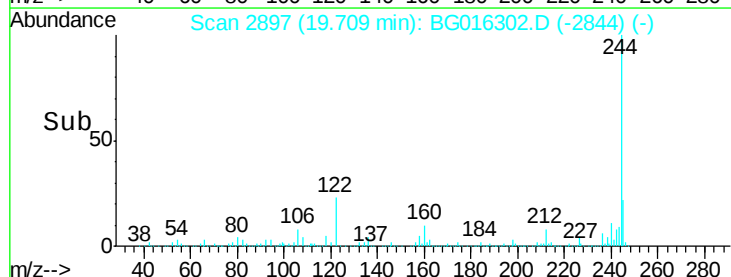
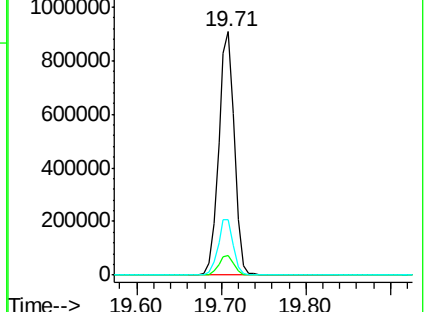
122 22.8 5.4 8.2#

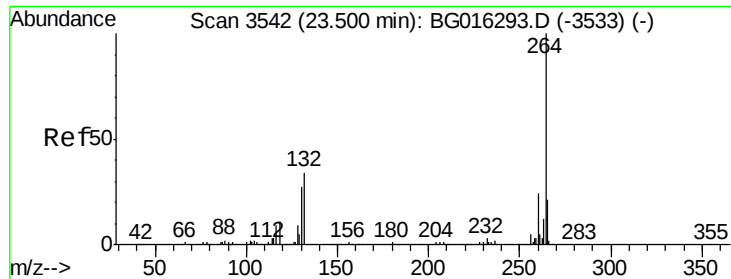


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

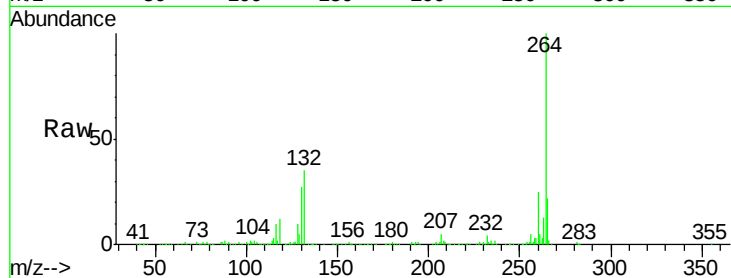




#13
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.50 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: BG016302.D
 Acq: 9 Apr 2015 22:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.5	26.3
265	21.8	17.0	25.4



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

