

Data Path : S:\HPCHEM1\BNA_G\DATA\BG022916\
 Data File : BG021186.D
 Acq On : 1 Mar 2016 13:23
 Operator : UM/SJ
 Sample : H1521-07RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-2+20(0-2)RE

Quant Time: Mar 01 14:52:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

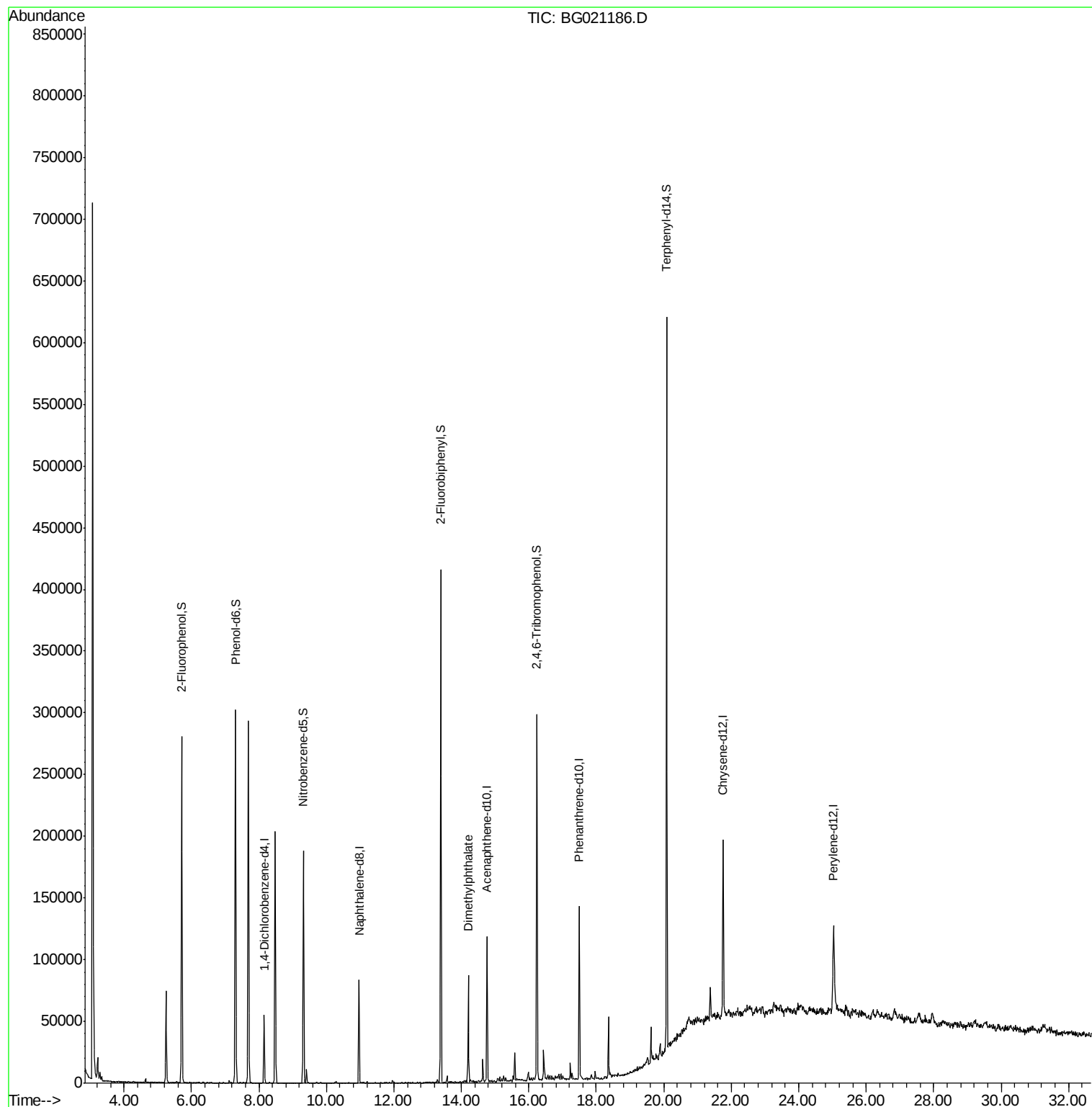
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	14187	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	65943	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	35745	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	76506	20.00	ng	0.00
75) Chrysene-d12	21.76	240	79419	20.00	ng	0.00
86) Perylene-d12	25.03	264	69259	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	111218	124.63	ng	0.00
7) Phenol-d6	7.31	99	169217	115.32	ng	0.00
23) Nitrobenzene-d5	9.31	82	122931	78.88	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	39665	106.65	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	189684	75.35	ng	0.00
78) Terphenyl-d14	20.08	244	225270	68.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	47887	15.03	ng	Qvalue # 99

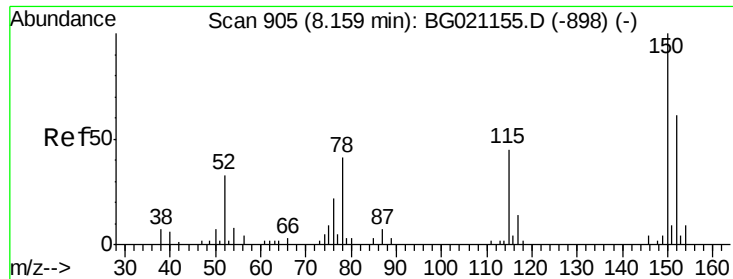
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG021186.D

Acq: 1 Mar 2016 13:23

Instrument :

BNA_G

ClientSampleId :

SP-2+20(0-2)RE

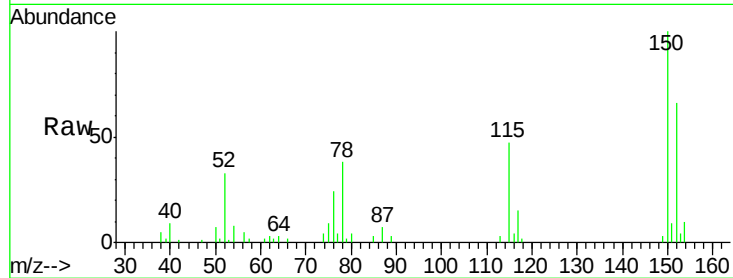
Tgt Ion:152 Resp: 14187

Ion Ratio Lower Upper

152 100

150 151.7 123.4 185.2

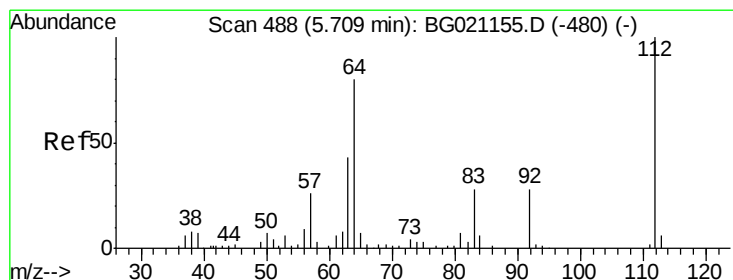
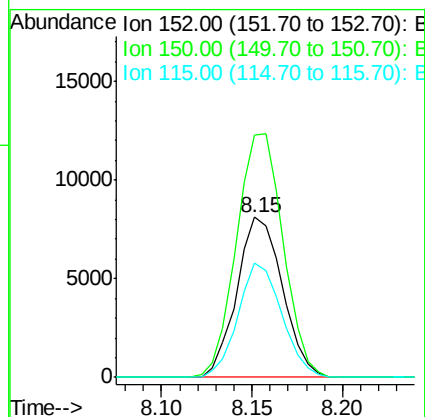
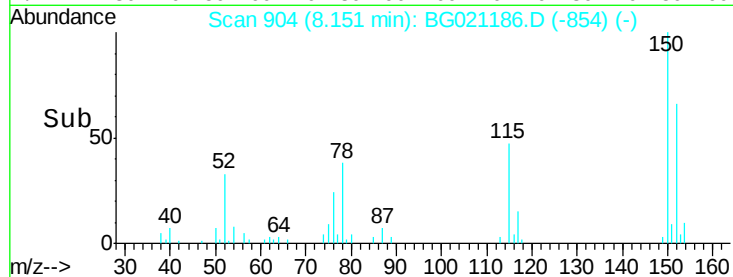
115 71.4 43.3 64.9#



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



#5

2-Fluorophenol

Concen: 124.63 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG021186.D

Acq: 1 Mar 2016 13:23

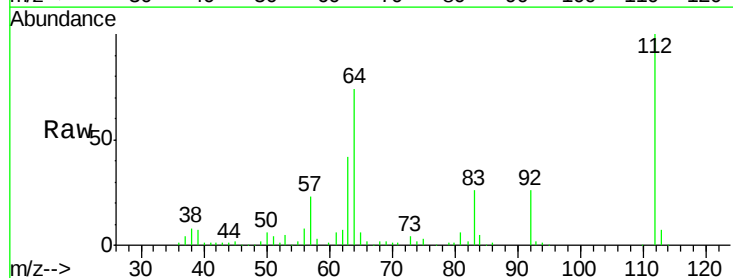
Tgt Ion:112 Resp: 111218

Ion Ratio Lower Upper

112 100

64 73.6 42.6 63.8#

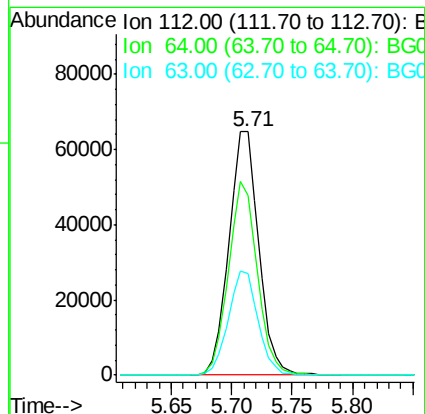
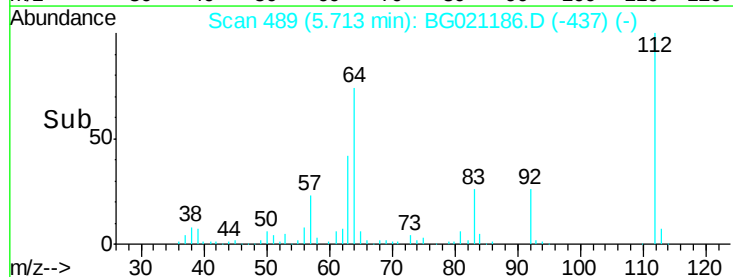
63 41.5 21.7 32.5#

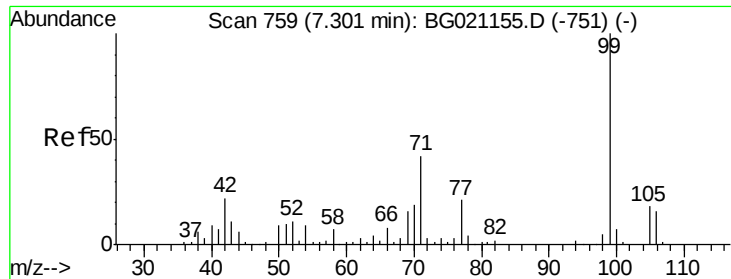


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.32 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021186.D

Acq: 1 Mar 2016 13:23

Instrument :

BNA_G

ClientSampleId :

SP-2+20(0-2)RE

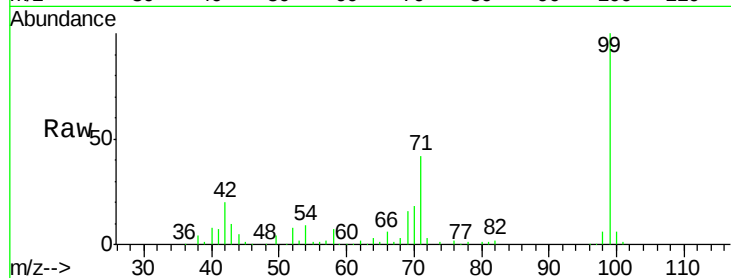
Tgt Ion: 99 Resp: 169217

Ion Ratio Lower Upper

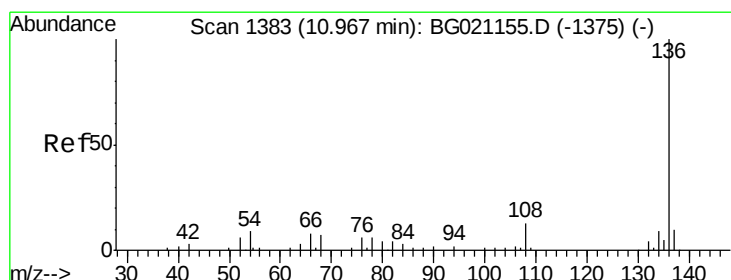
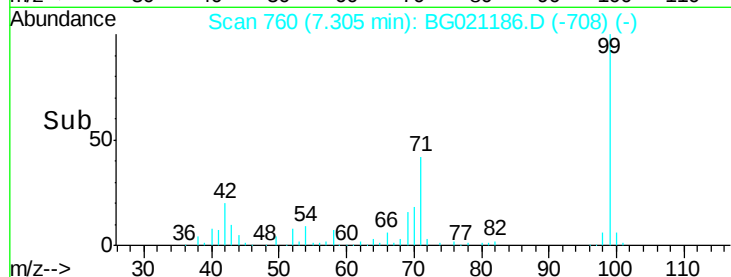
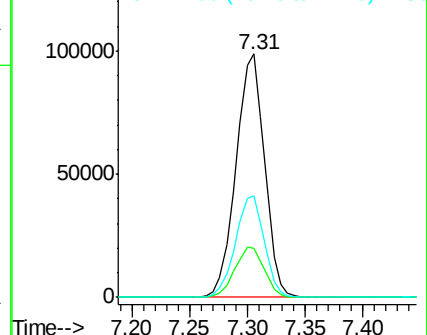
99 100

42 20.1 13.2 19.8#

71 41.8 25.2 37.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BG021186.D

Acq: 1 Mar 2016 13:23

Tgt Ion: 136 Resp: 65943

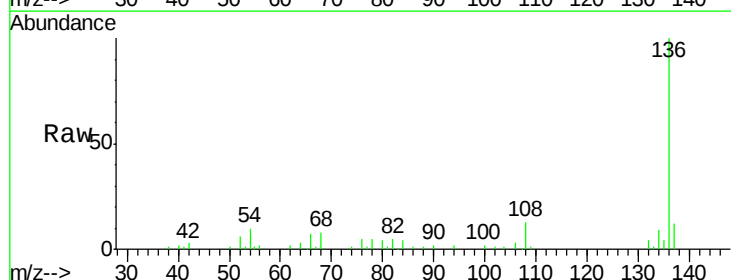
Ion Ratio Lower Upper

136 100

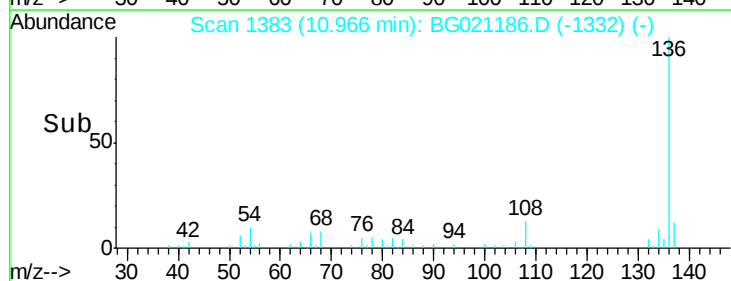
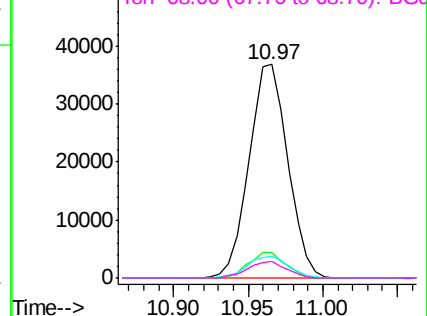
137 11.9 8.8 13.2

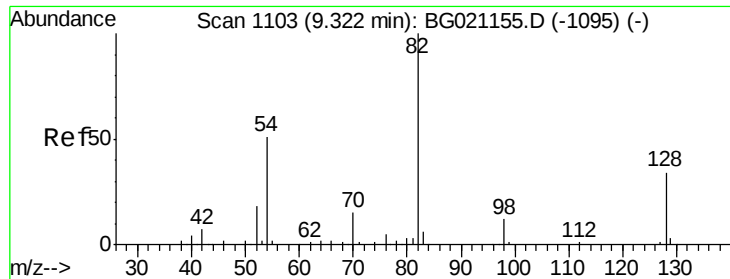
54 10.5 6.9 10.3#

68 7.8 5.8 8.6



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

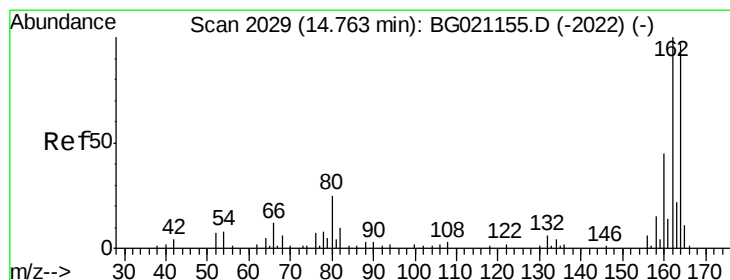
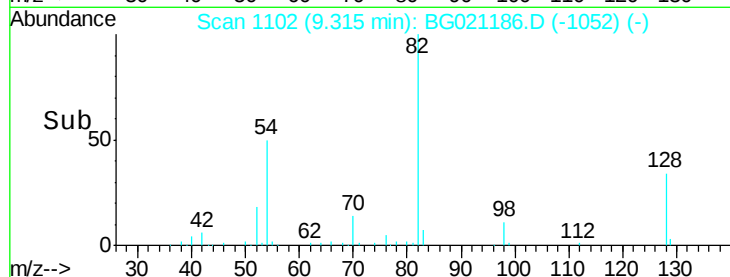
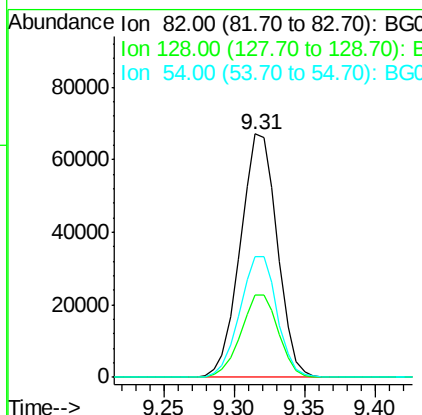
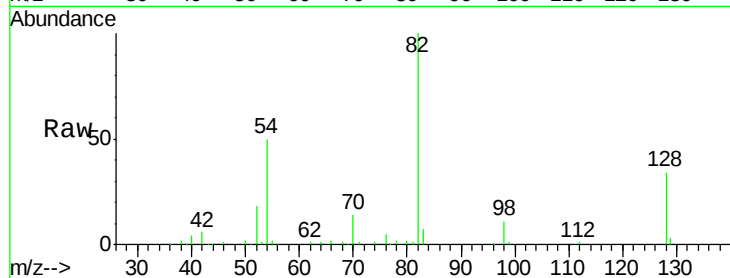




#23
 Nitrobenzene-d5
 Concen: 78.88 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BG021186.D
 Acq: 1 Mar 2016 13:23

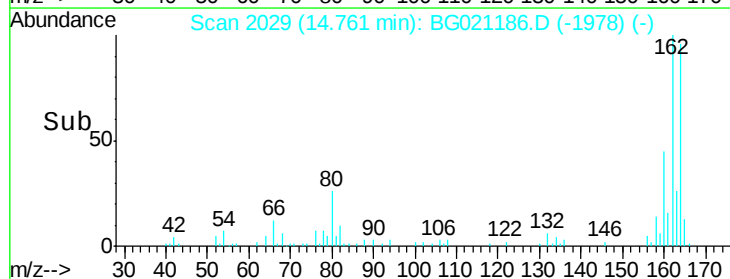
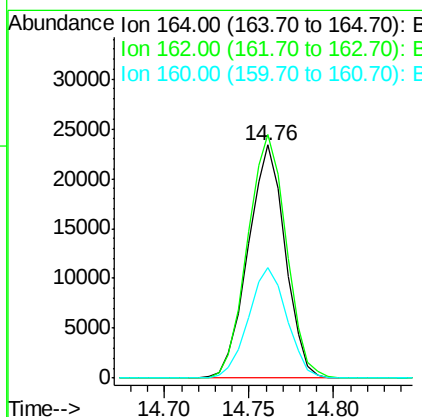
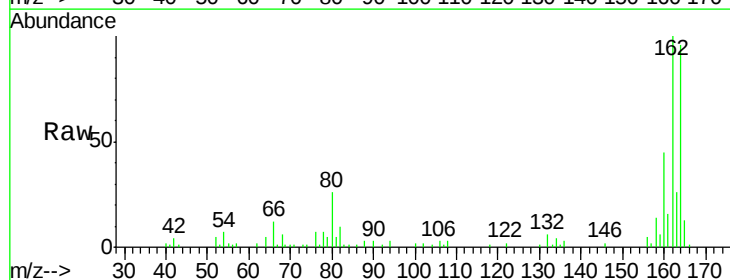
Instrument :
 BNA_G
 ClientSampleId :
 SP-2+20(0-2)RE

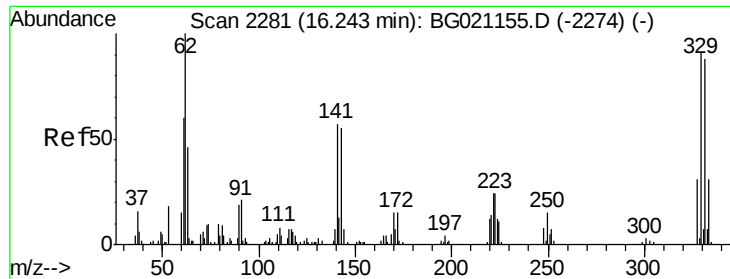
Tgt Ion: 82 Resp: 122931
 Ion Ratio Lower Upper
 82 100
 128 33.7 36.3 54.5#
 54 49.8 37.6 56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG021186.D
 Acq: 1 Mar 2016 13:23

Tgt Ion: 164 Resp: 35745
 Ion Ratio Lower Upper
 164 100
 162 104.6 80.6 120.8
 160 47.4 36.5 54.7

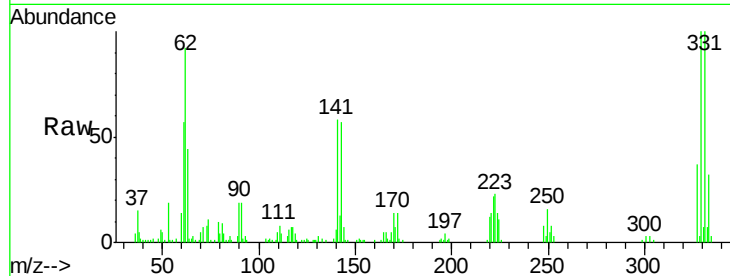




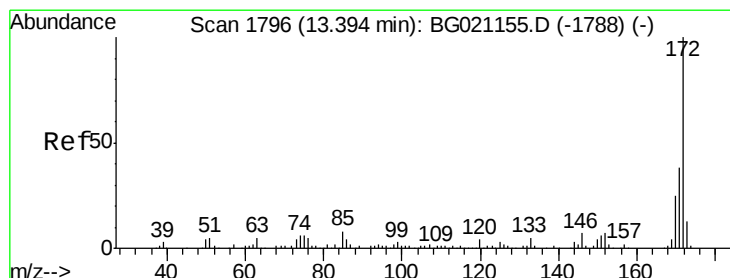
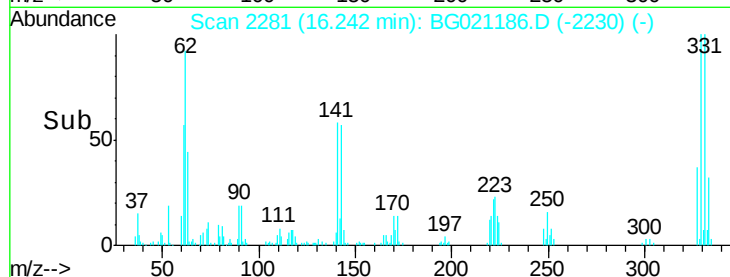
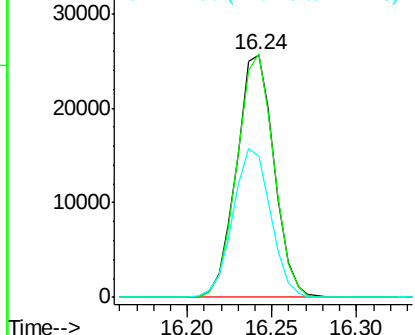
#41
 2,4,6-Tribromophenol
 Concen: 106.65 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021186.D
 Acq: 1 Mar 2016 13:23

Instrument :
 BNA_G
 ClientSampleId :
 SP-2+20(0-2)RE

Tgt Ion:330 Resp: 39665
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.4 116.0
 141 61.7 35.3 52.9#

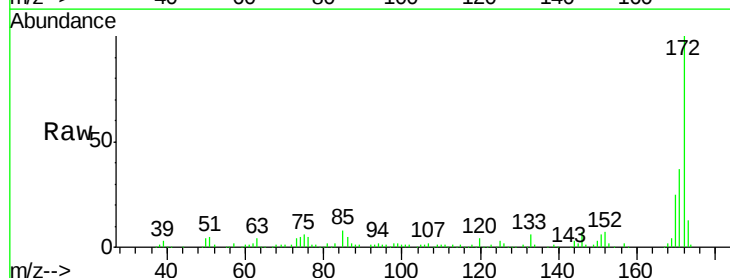


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

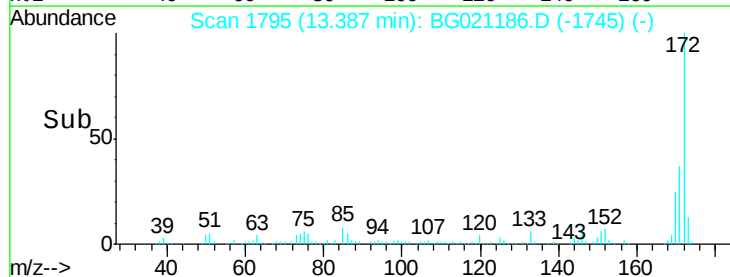
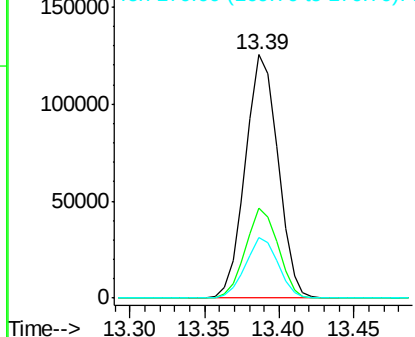


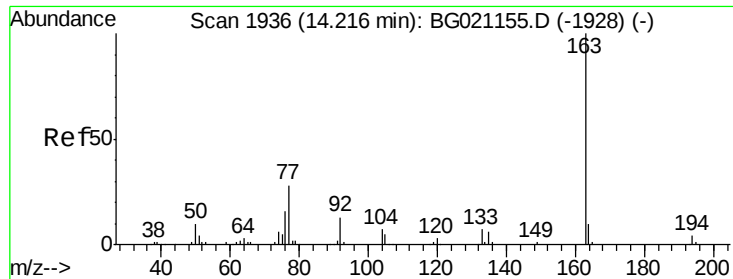
#44
 2-Fluorobiphenyl
 Concen: 75.35 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021186.D
 Acq: 1 Mar 2016 13:23

Tgt Ion:172 Resp: 189684
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.9 19.8 29.8



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





#49

Dimethylphthalate

Concen: 15.03 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG021186.D

Acq: 1 Mar 2016 13:23

Instrument :

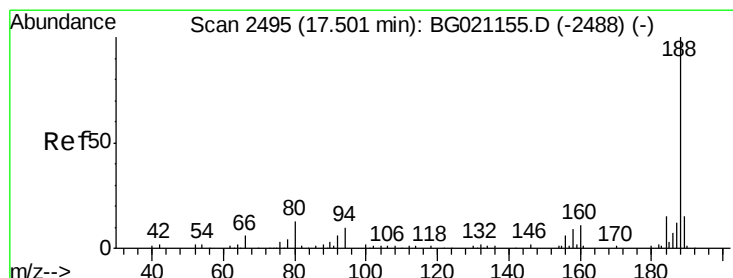
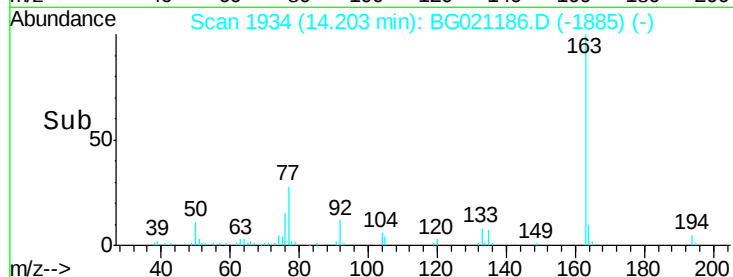
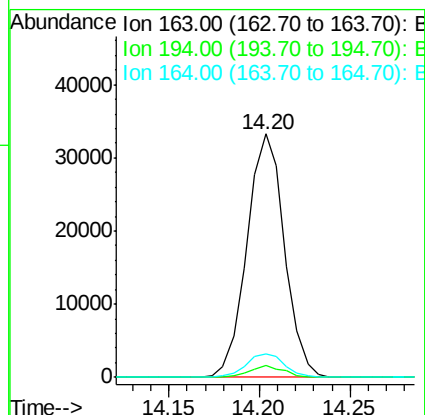
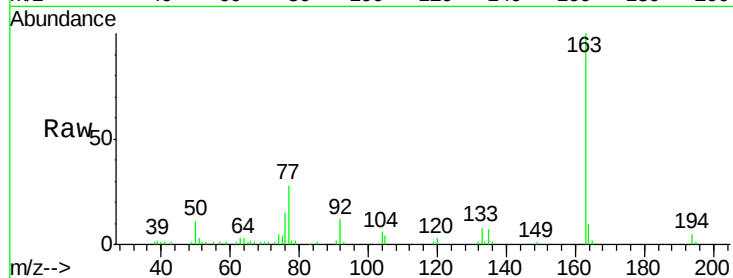
BNA_G

ClientSampleId :

SP-2+20(0-2)RE

Tgt Ion:163 Resp: 47887

Ion	Ratio	Lower	Upper
163	100		
194	4.9	2.8	4.2#
164	9.8	7.9	11.9



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

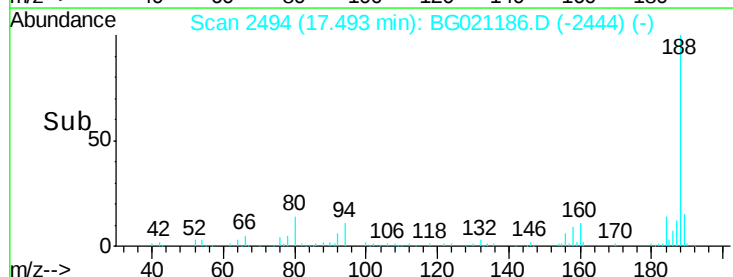
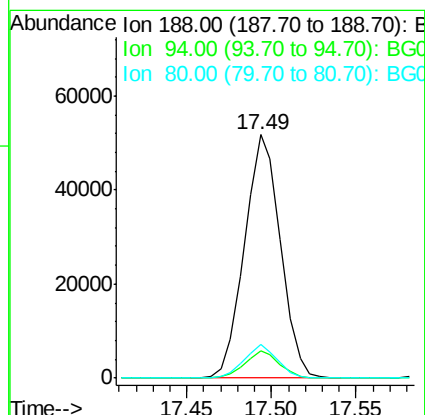
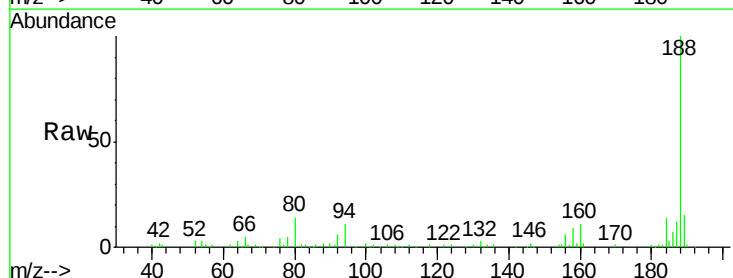
Delta R.T. -0.01 min

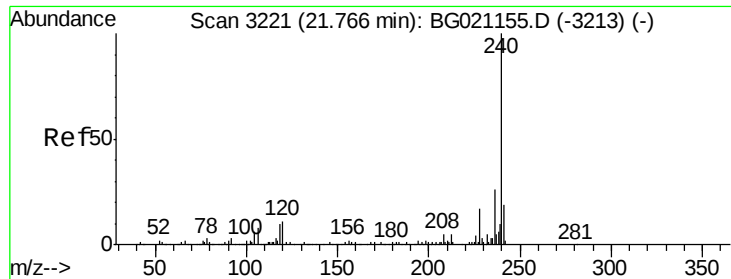
Lab File: BG021186.D

Acq: 1 Mar 2016 13:23

Tgt Ion:188 Resp: 76506

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.2	12.4
80	13.8	9.2	13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021186.D

Acq: 1 Mar 2016 13:23

Instrument :

BNA_G

ClientSampleId :

SP-2+20(0-2)RE

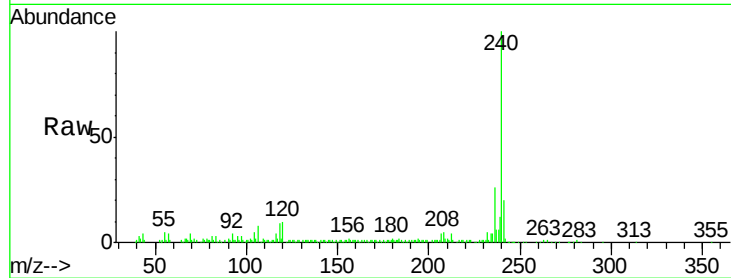
Tgt Ion:240 Resp: 79419

Ion Ratio Lower Upper

240 100

120 10.0 7.5 11.3

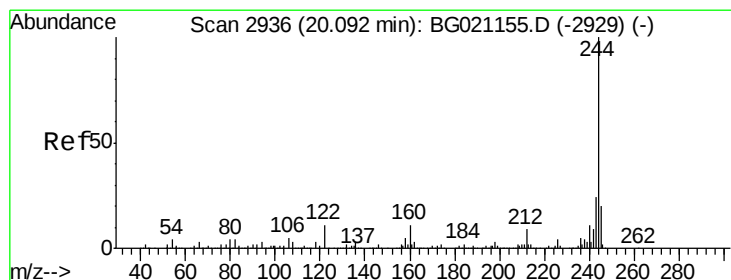
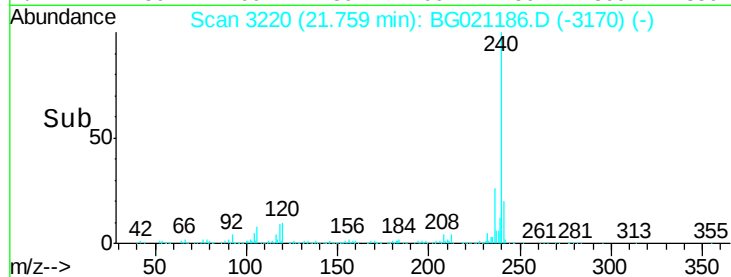
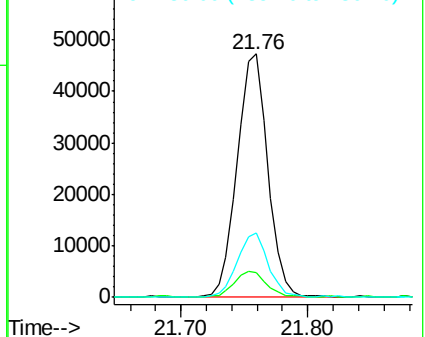
236 26.2 20.5 30.7



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



#78

Terphenyl-d14

Concen: 68.72 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021186.D

Acq: 1 Mar 2016 13:23

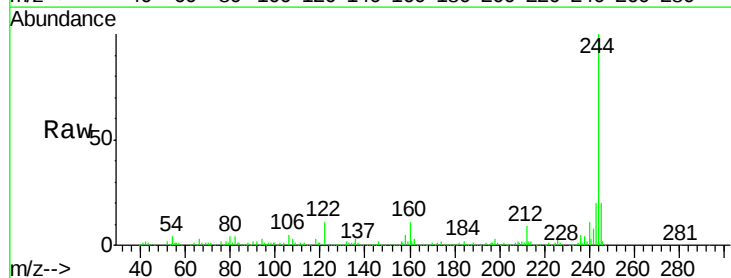
Tgt Ion:244 Resp: 225270

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.6#

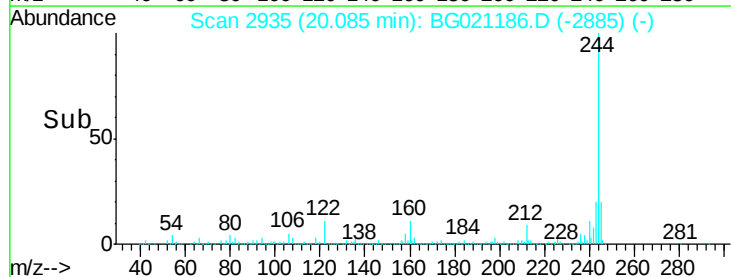
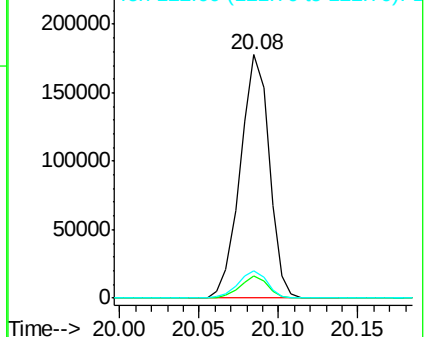
122 11.0 8.3 12.5

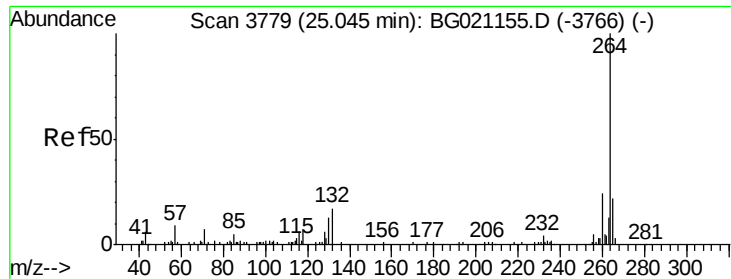


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

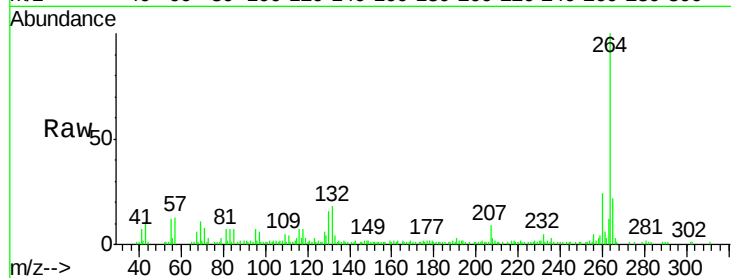




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BG021186.D
Acq: 1 Mar 2016 13:23

Instrument :
BNA_G
ClientSampleId :
SP-2+20(0-2)RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	22.3	18.6	28.0



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

