

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021166.D
 Acq On : 29 Feb 2016 22:12
 Operator : UM/SJ
 Sample : H1603-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-40(6-8)

Quant Time: Mar 01 00:44:14 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

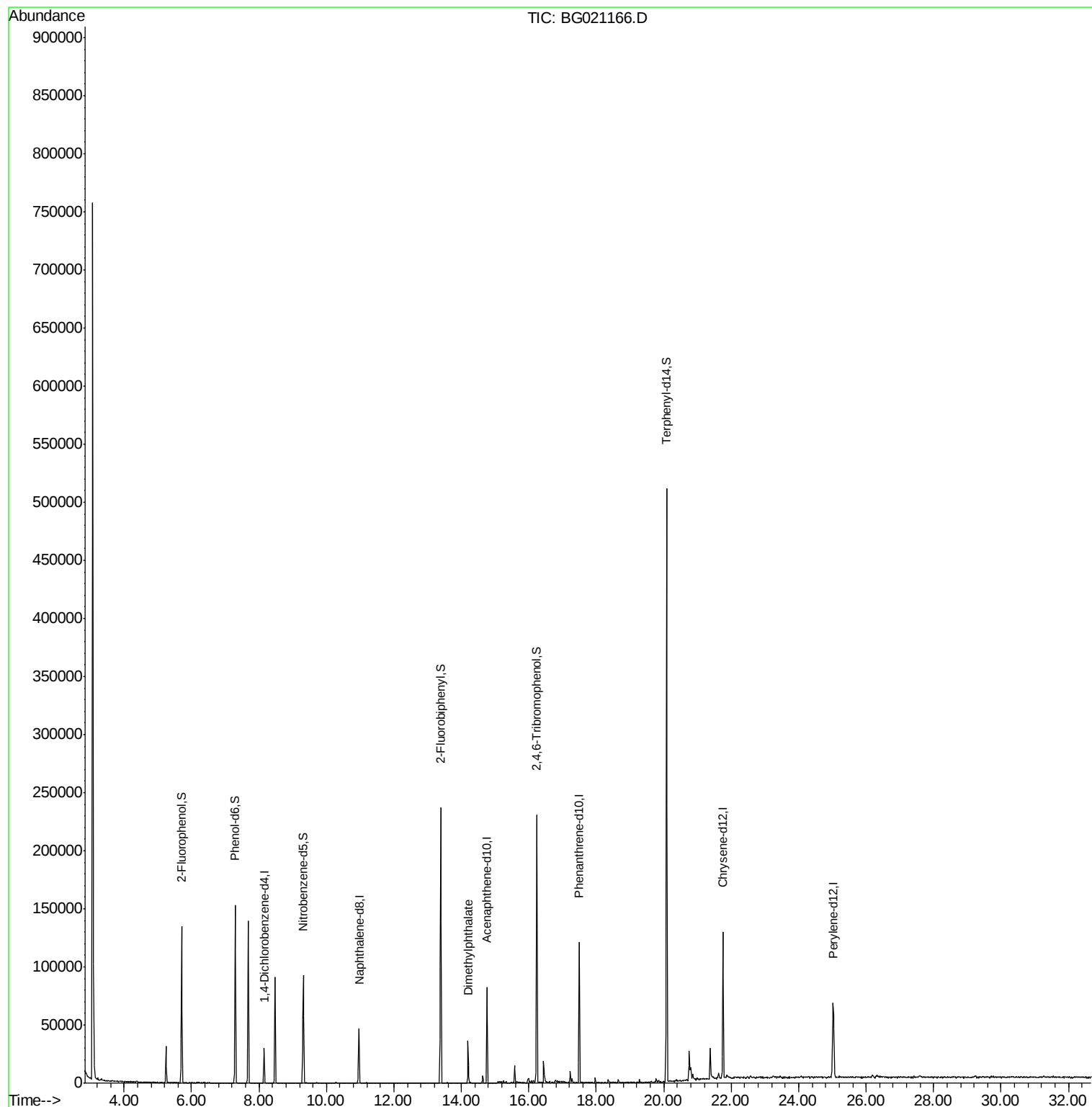
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	7774	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	37634	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	25714	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	68360	20.00	ng	0.00
75) Chrysene-d12	21.75	240	71550	20.00	ng	-0.02
86) Perylene-d12	25.03	264	63998	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	50548	103.37	ng	0.00
7) Phenol-d6	7.30	99	83032	103.26	ng	0.00
23) Nitrobenzene-d5	9.31	82	58663	65.96	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	28548	106.71	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	109985	60.74	ng	0.00
78) Terphenyl-d14	20.08	244	194209	65.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	20163	8.80	ng	Qvalue 98

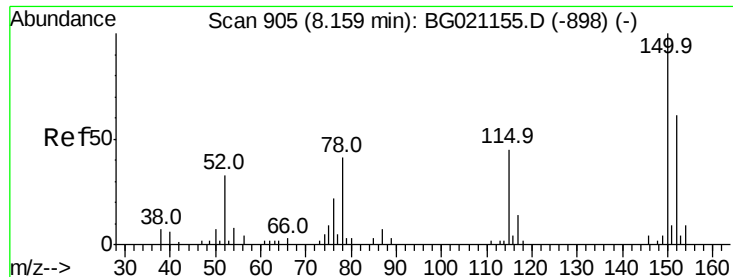
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG021166.D

Acq: 29 Feb 2016 22:12

Instrument :

BNA_G

ClientSampleId :

SB-40(6-8)

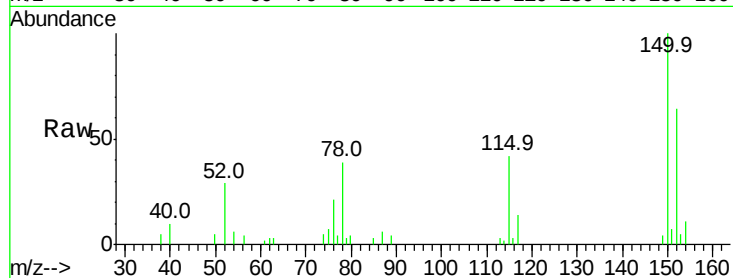
Tot Ion:152 Resp: 7774

Ion Ratio Lower Upper

152 100

150 156.4 123.4 185.2

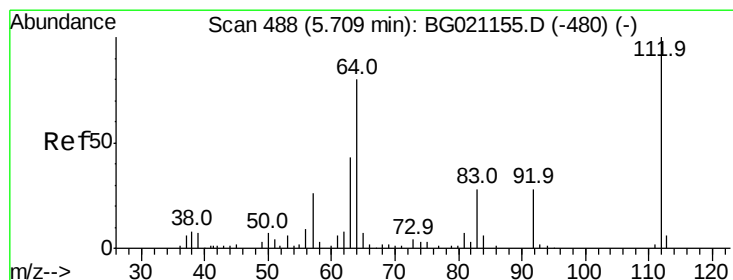
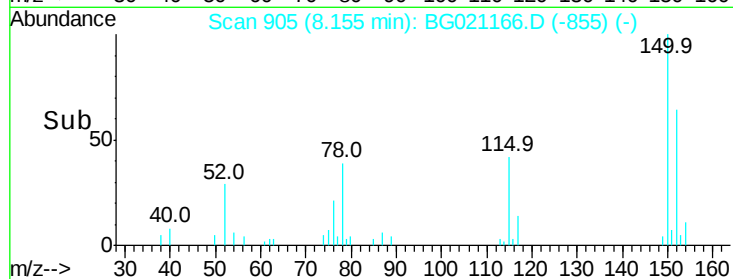
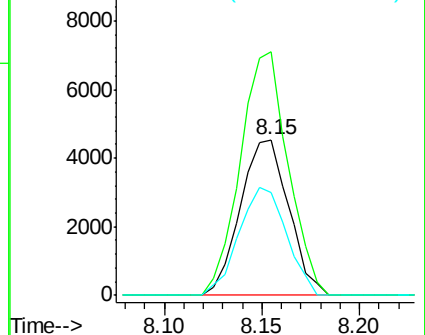
115 66.4 43.3 64.9#



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: 103.37 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021166.D

Acq: 29 Feb 2016 22:12

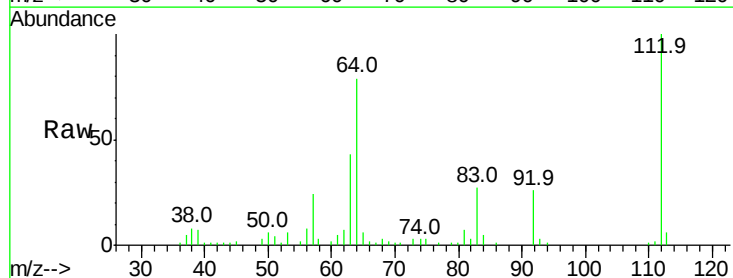
Tgt Ion:112 Resp: 50548

Ion Ratio Lower Upper

112 100

64 79.1 42.6 63.8#

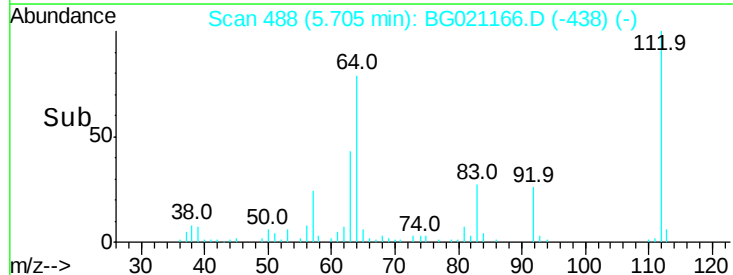
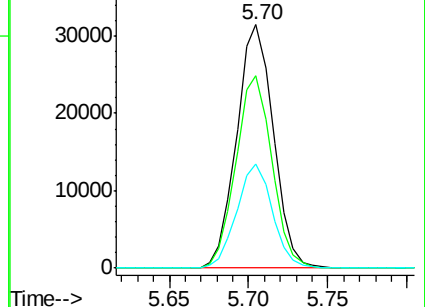
63 42.8 21.7 32.5#



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: 103.26 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021166.D

Acq: 29 Feb 2016 22:12

Instrument :

BNA_G

ClientSampleId :

SB-40(6-8)

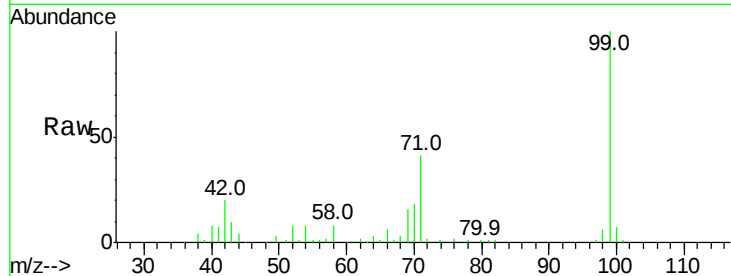
Tot Ion: 99 Resp: 83032

Ion Ratio Lower Upper

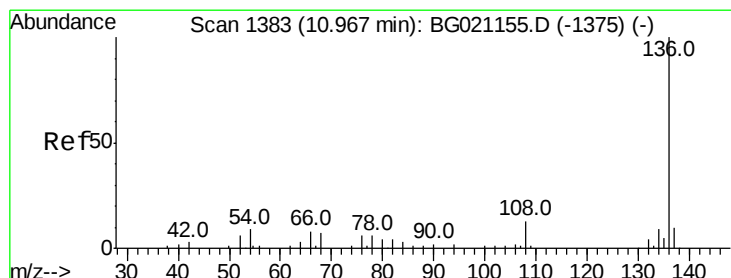
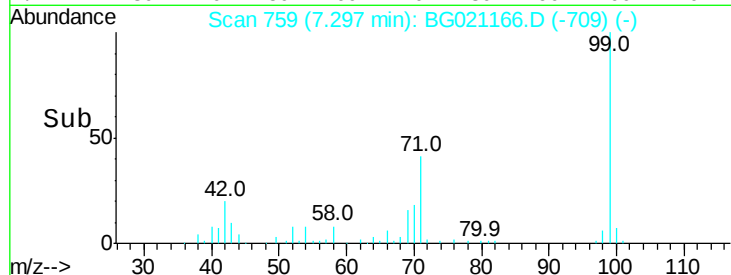
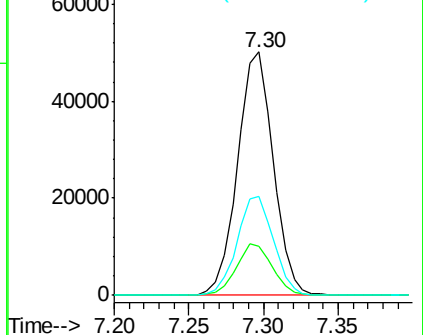
99 100

42 20.4 13.2 19.8#

71 40.7 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: 10.96 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BG021166.D

Acq: 29 Feb 2016 22:12

Tgt Ion: 136 Resp: 37634

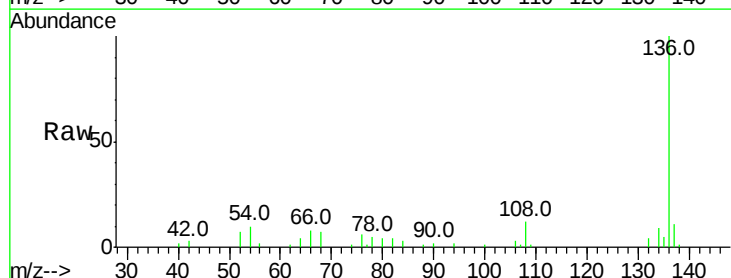
Ion Ratio Lower Upper

136 100

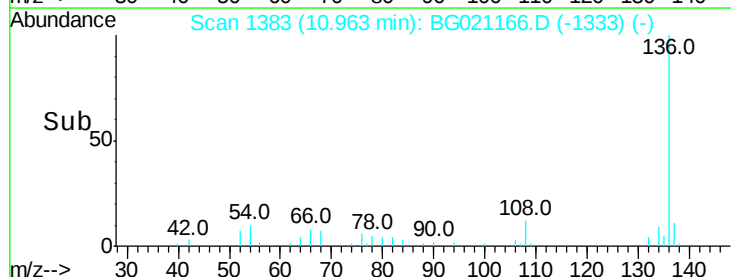
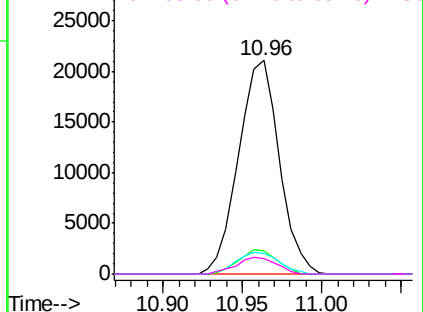
137 10.9 8.8 13.2

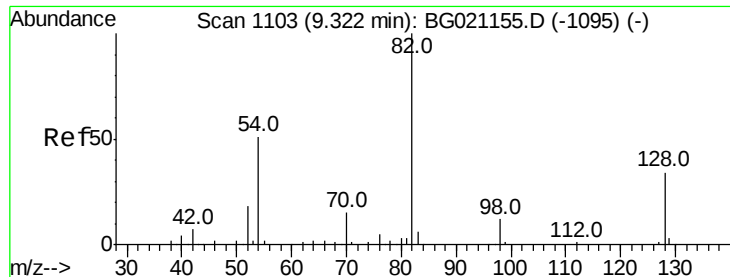
54 9.8 6.9 10.3

68 7.0 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

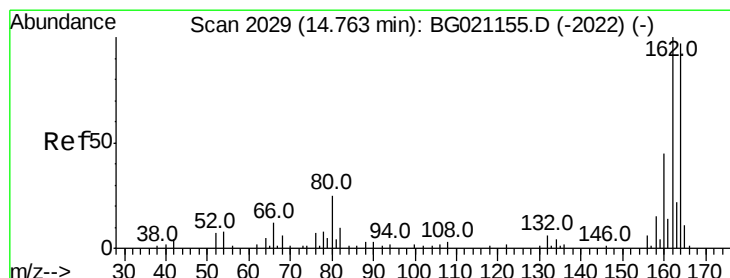
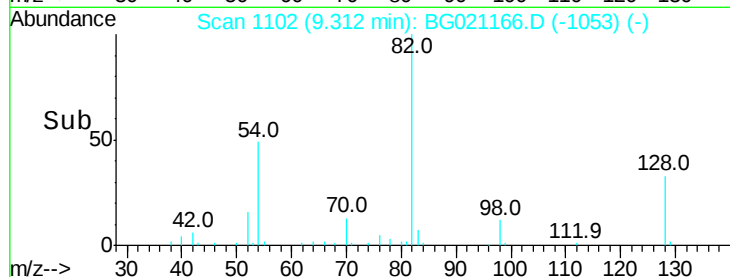
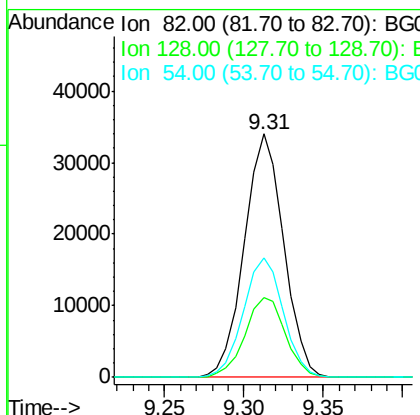
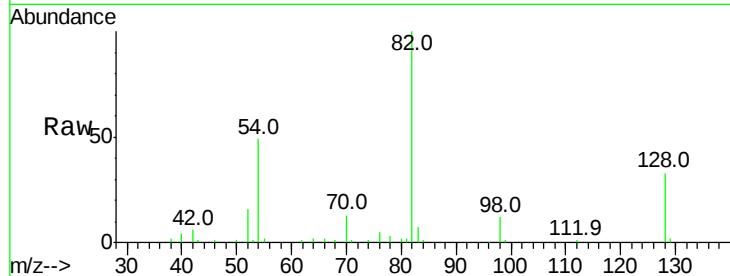




#23
 Nitrobenzene-d5
 Concen: 65.96 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BG021166.D
 Acq: 29 Feb 2016 22:12

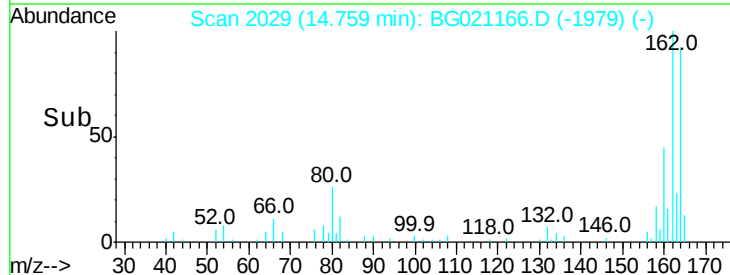
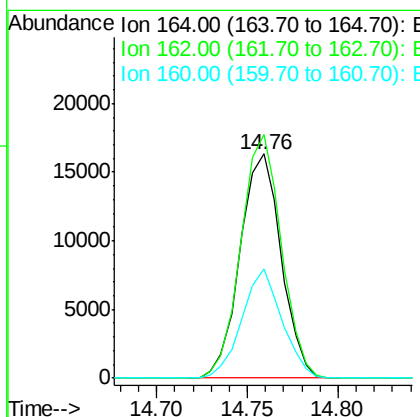
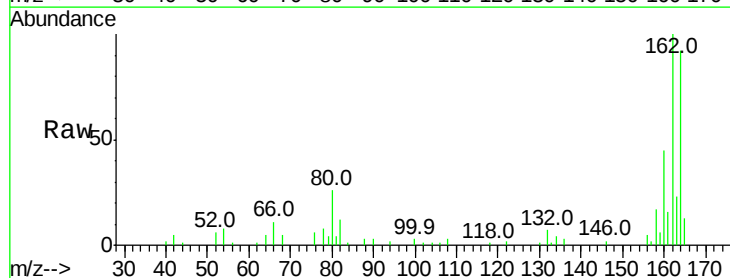
Instrument :
 BNA_G
 ClientSampled :
 SB-40(6-8)

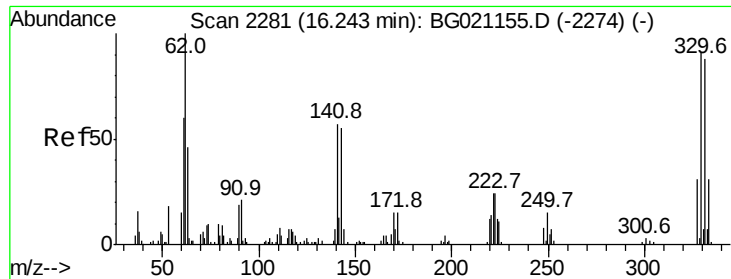
Tot Ion	82	Resp	58663
Ion Ratio	100	Lower	Upper
128	32.6	36.3	54.5#
54	49.1	37.6	56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG021166.D
 Acq: 29 Feb 2016 22:12

Tgt Ion	164	Resp	25714
Ion Ratio	100	Lower	Upper
162	108.6	80.6	120.8
160	48.7	36.5	54.7

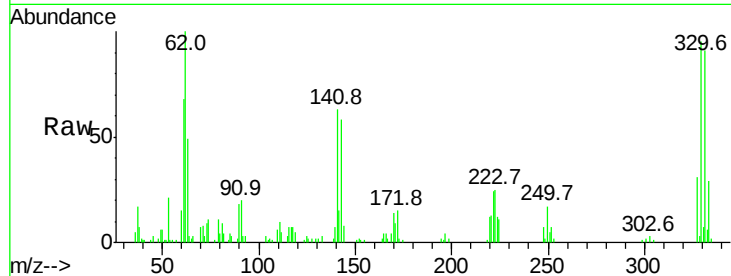




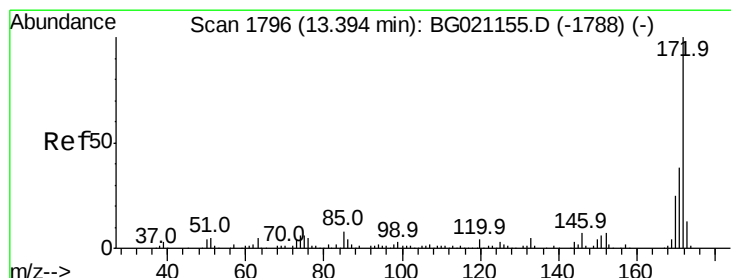
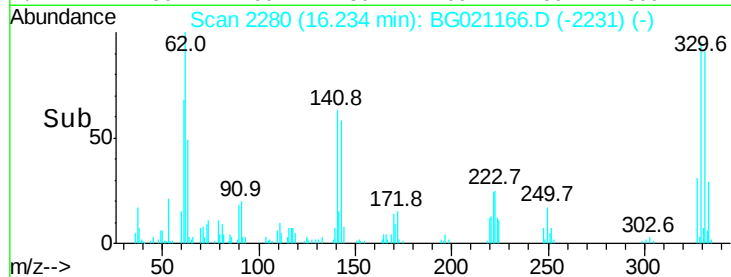
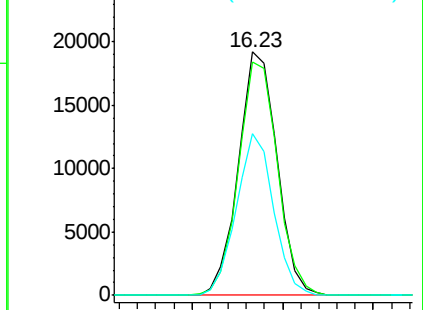
#41
 2,4,6-Tribromophenol
 Concen: 106.71 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG021166.D
 Acq: 29 Feb 2016 22:12

Instrument :
 BNA_G
 ClientSampleId :
 SB-40(6-8)

Tot Ion:330 Resp: 28548
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.0
 141 63.8 35.3 52.9#

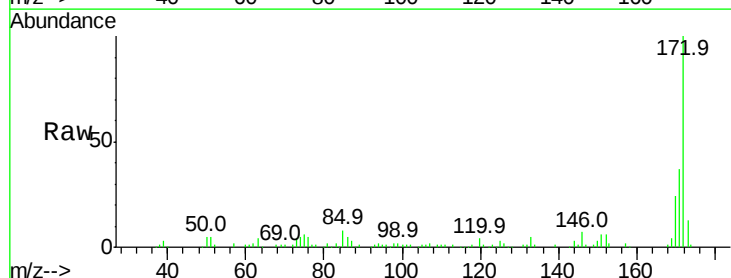


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

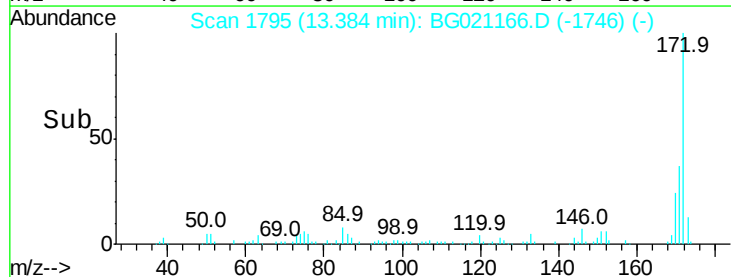
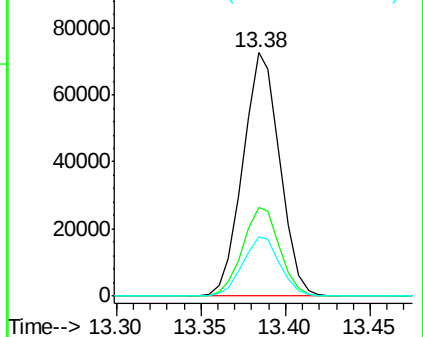


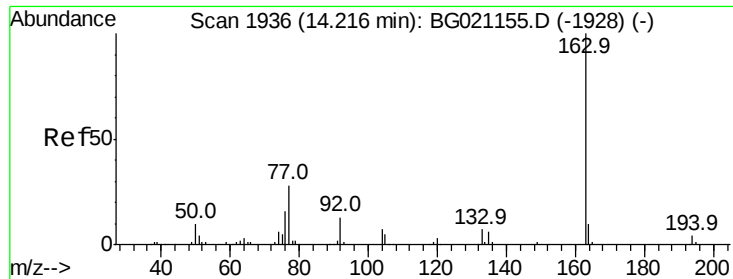
#44
 2-Fluorobiphenyl
 Concen: 60.74 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021166.D
 Acq: 29 Feb 2016 22:12

Tgt Ion:172 Resp: 109985
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 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: 8.80 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG021166.D

Acq: 29 Feb 2016 22:12

Instrument :

BNA_G

ClientSampleId :

SB-40(6-8)

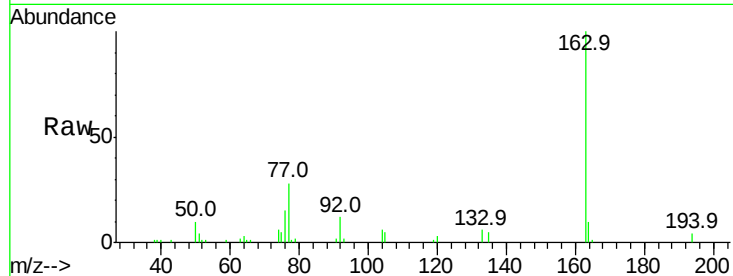
Tot Ion:163 Resp: 20163

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

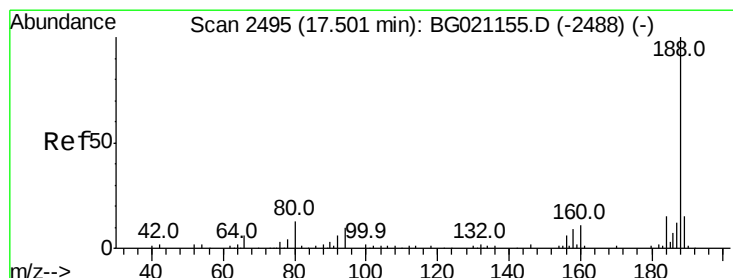
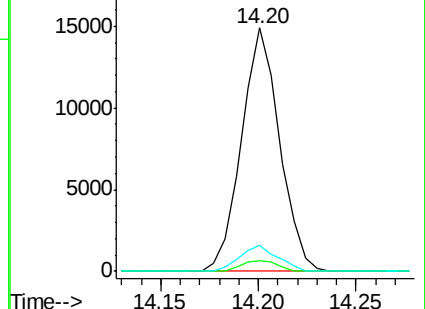
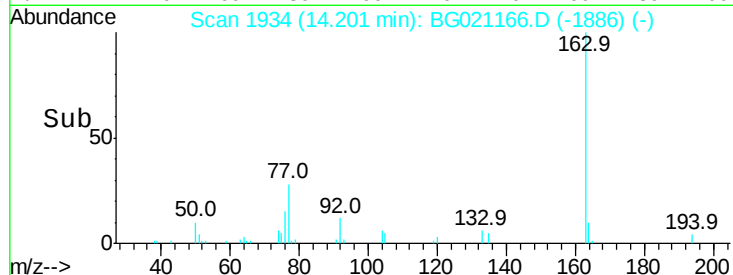
164 10.5 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG021166.D

Acq: 29 Feb 2016 22:12

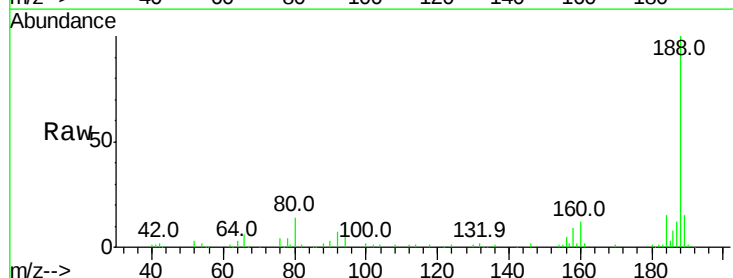
Tgt Ion:188 Resp: 68360

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.4

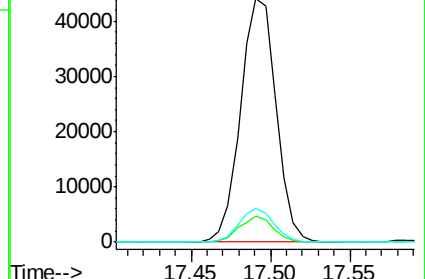
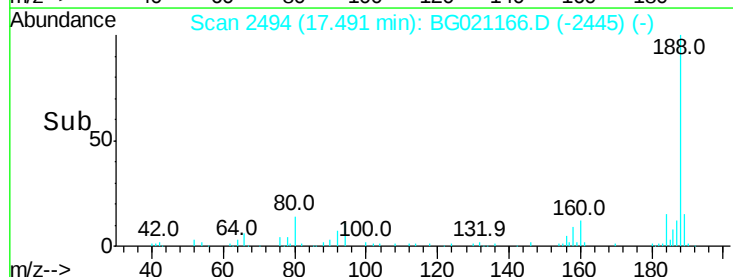
80 13.8 9.2 13.8

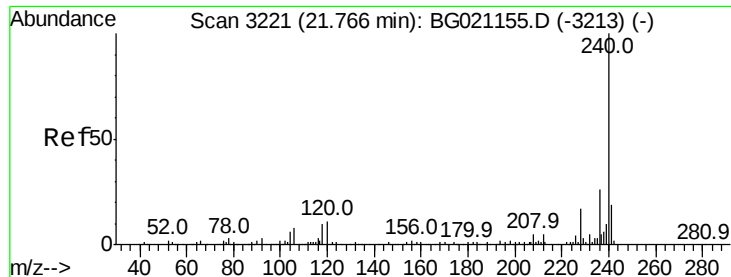


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG021166.D

Acq: 29 Feb 2016 22:12

Instrument :

BNA_G

ClientSampleId :

SB-40(6-8)

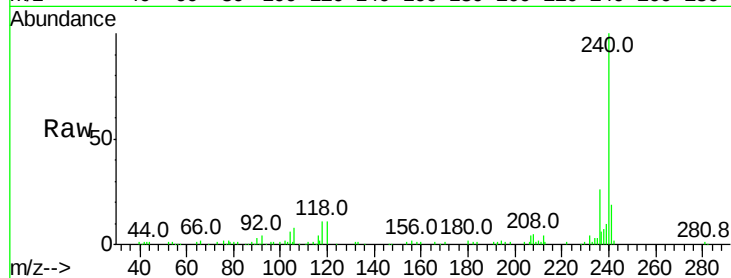
Tot Ion:240 Resp: 71550

Ion Ratio Lower Upper

240 100

120 11.5 7.5 11.3#

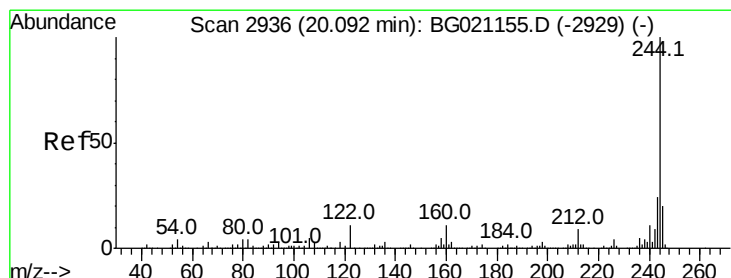
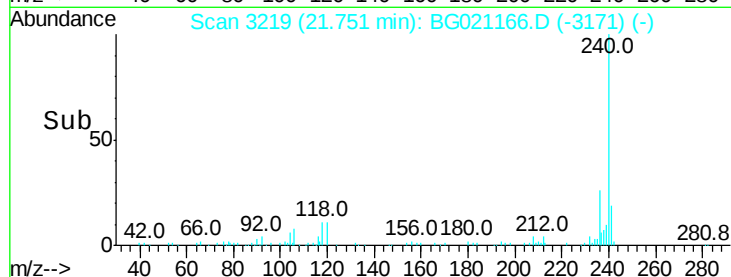
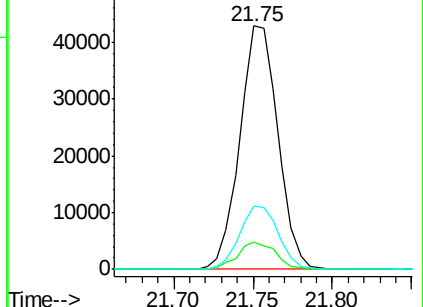
236 25.8 20.5 30.7



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: 65.76 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021166.D

Acq: 29 Feb 2016 22:12

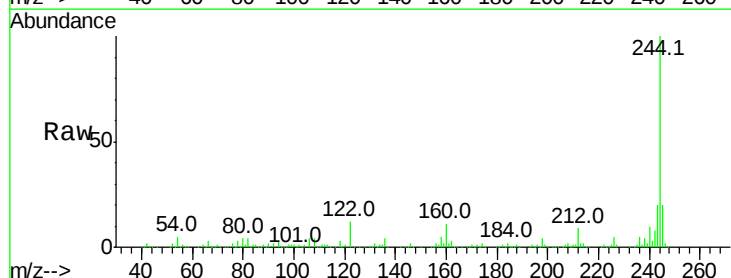
Tgt Ion:244 Resp: 194209

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.6#

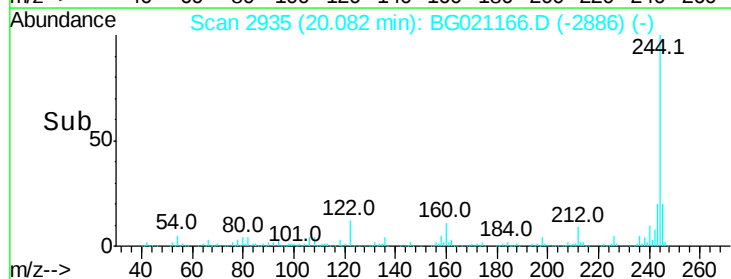
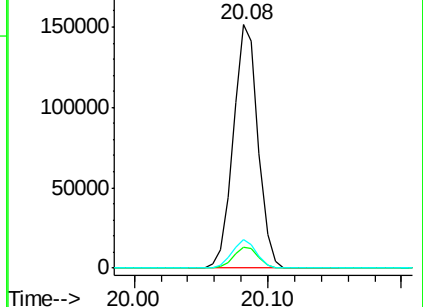
122 11.6 8.3 12.5

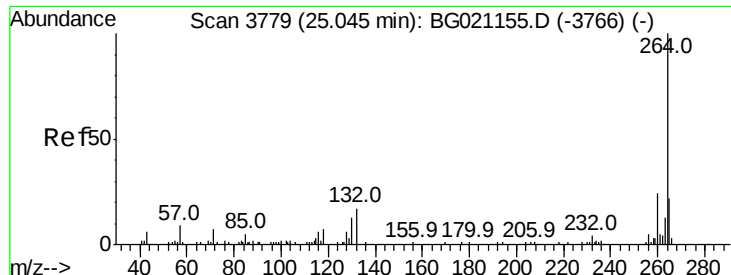


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.02 min
Lab File: BG021166.D
Acq: 29 Feb 2016 22:12

Instrument :
BNA_G
ClientSampleId :
SB-40(6-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.5	27.7
265	20.8	18.6	28.0

