

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
 Data File : BG023833.D
 Acq On : 22 Aug 2016 14:59
 Operator : UM/SJ
 Sample : H4543-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DSN001

Quant Time: Aug 22 17:15:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

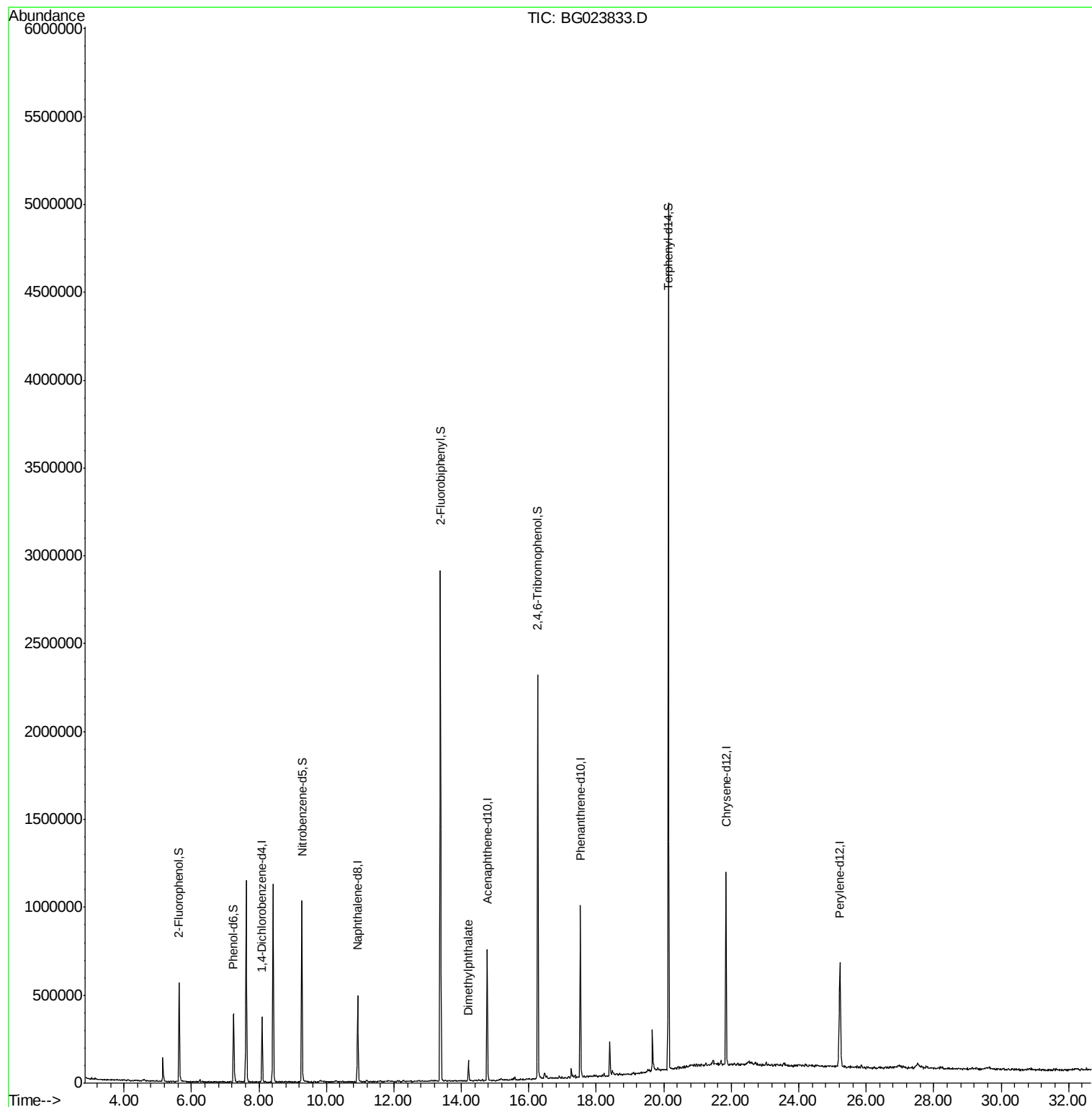
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	96058	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	408482	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	260610	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	604331	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	663865	20.00	ng	-0.02
86) Perylene-d12	25.22	264	651511	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	255256	44.73	ng	-0.03
7) Phenol-d6	7.25	99	241138	27.13	ng	-0.03
23) Nitrobenzene-d5	9.27	82	682082	83.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.27	330	420061	110.20	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1425942	92.29	ng	-0.02
78) Terphenyl-d14	20.14	244	1993269	96.57	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.21	163	77216	3.86	ng	Qvalue # 98

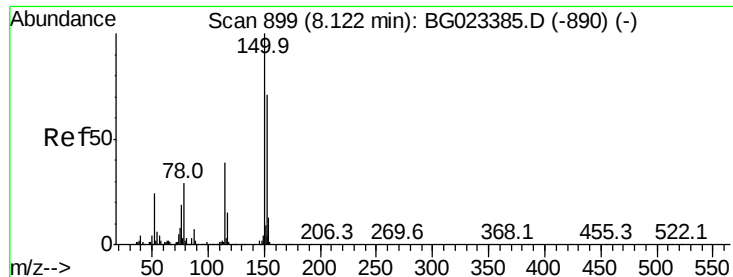
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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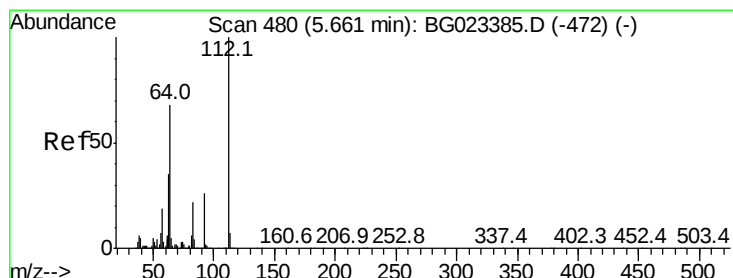
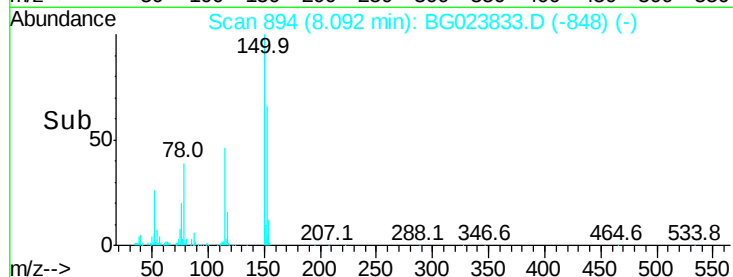
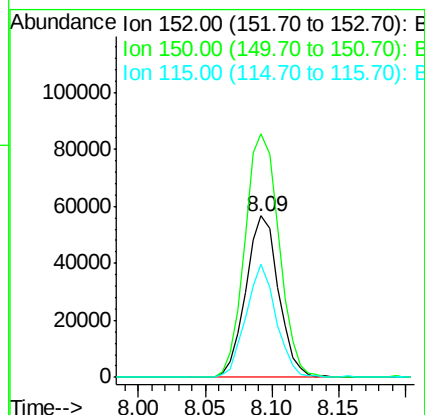
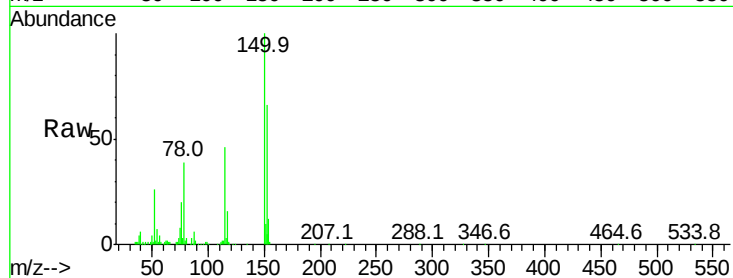


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023833.D
Acq: 22 Aug 2016 14:59

Instrument :
BNA_G
ClientSampled :
DSN001

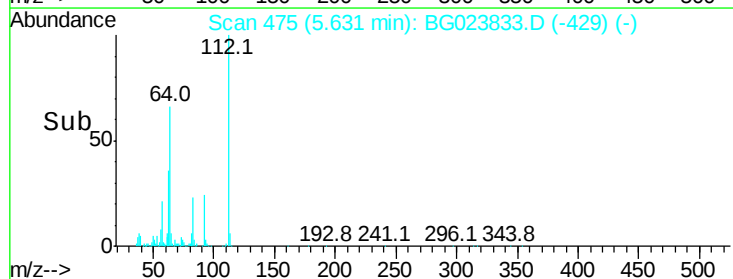
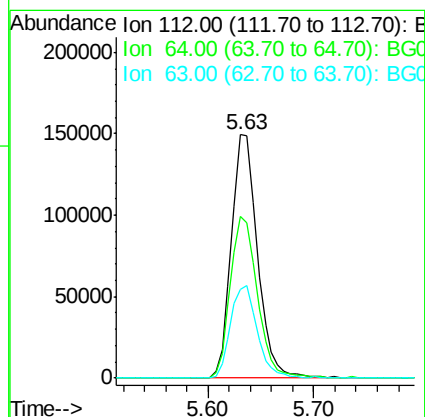
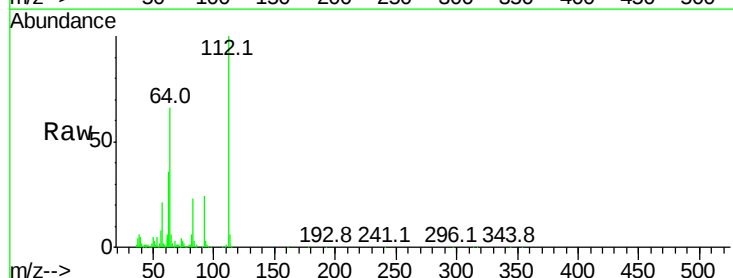
Tot Ion:152 Resp: 96058
Ion Ratio Lower Upper
152 100
150 151.0 144.7 217.1
115 70.0 64.0 96.0

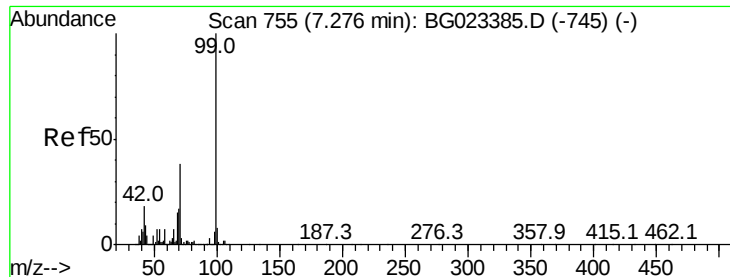


#5

2-Fluorophenol
Concen: 44.73 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG023833.D
Acq: 22 Aug 2016 14:59

Tgt Ion:112 Resp: 255256
Ion Ratio Lower Upper
112 100
64 66.5 59.0 88.4
63 36.3 37.8 56.8#





#7

Phenol-d6

Concen: 27.13 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

Instrument :

BNA_G

ClientSampleId :

DSN001

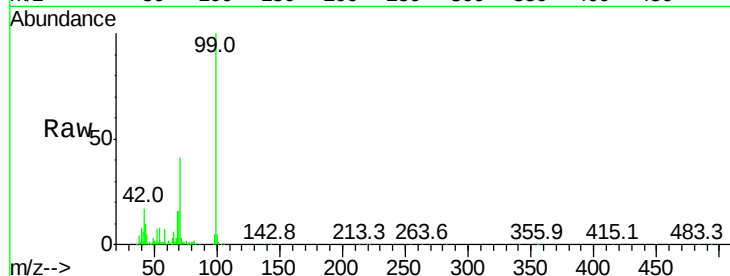
Tot Ion: 99 Resp: 241138

Ion Ratio Lower Upper

99 100

42 16.8 17.8 26.6#

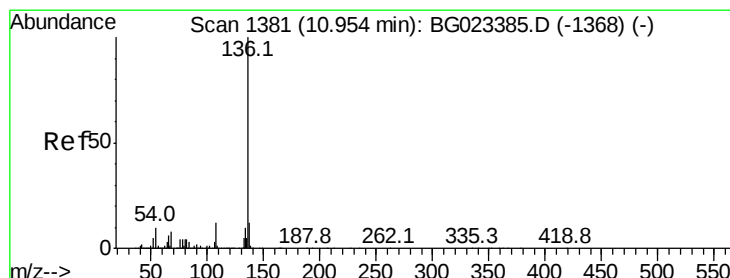
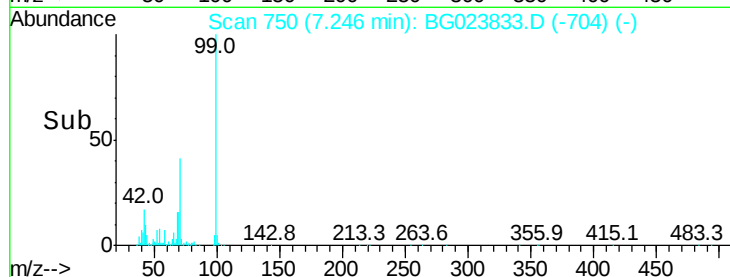
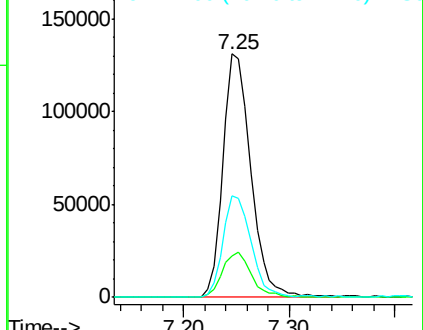
71 41.5 41.5 62.3#



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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

Tgt Ion: 136 Resp: 408482

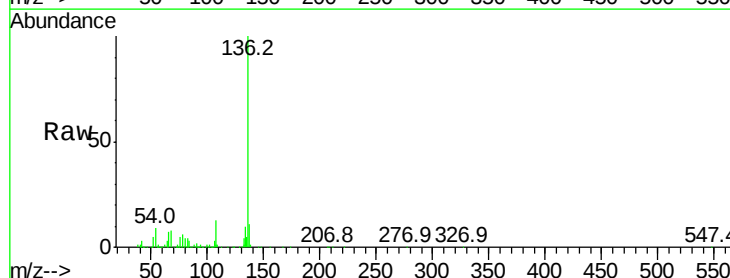
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 9.4 7.3 10.9

68 8.2 5.3 7.9#

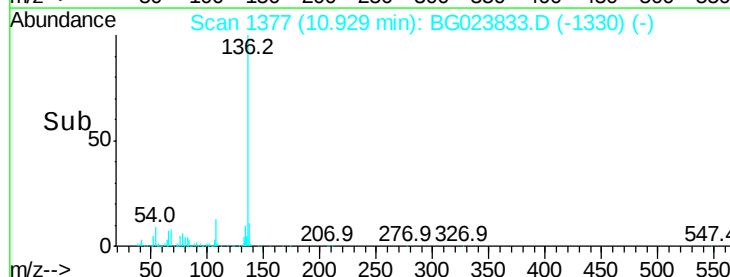
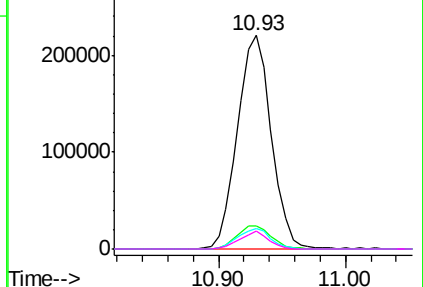


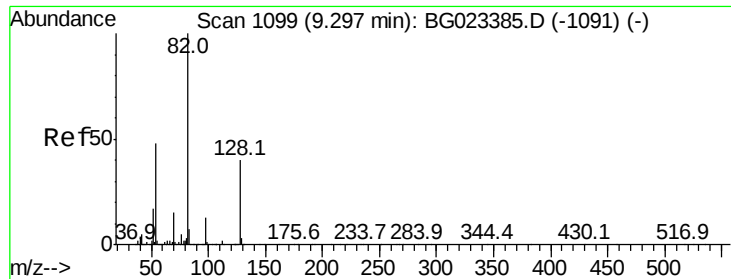
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

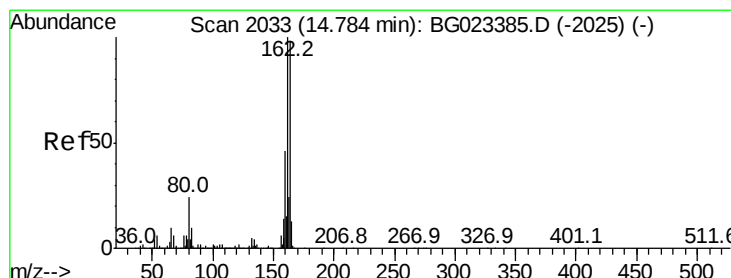
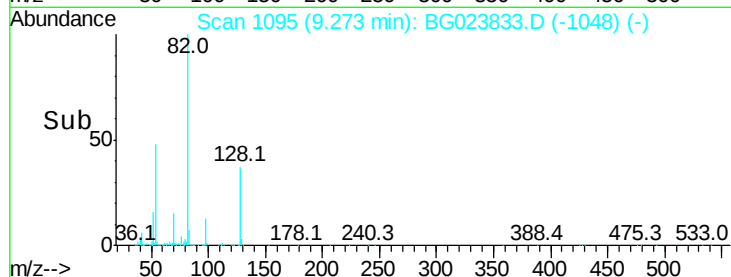
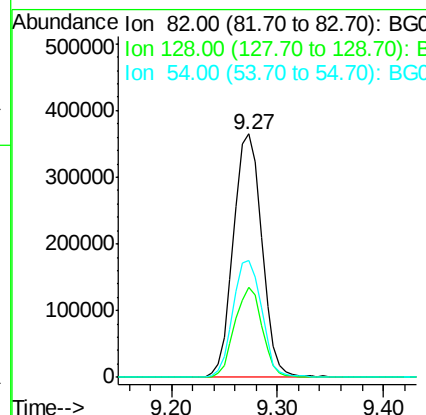
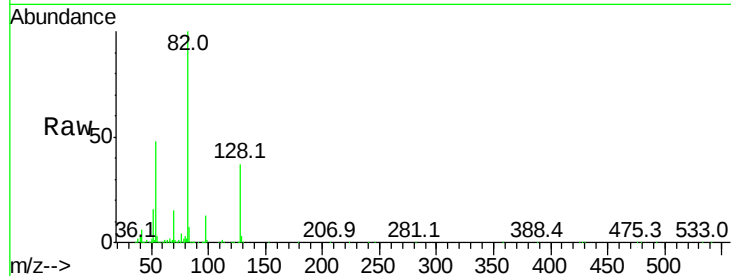




#23
Nitrobenzene-d5
Concen: 83.01 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BG023833.D
Acq: 22 Aug 2016 14:59

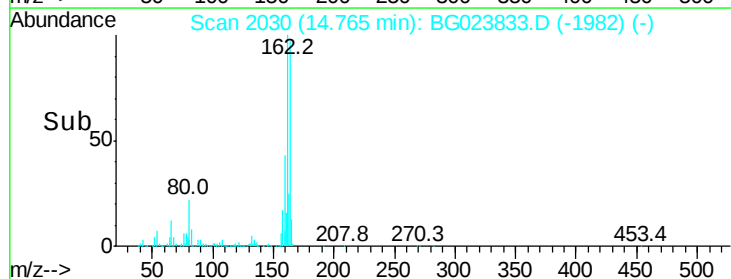
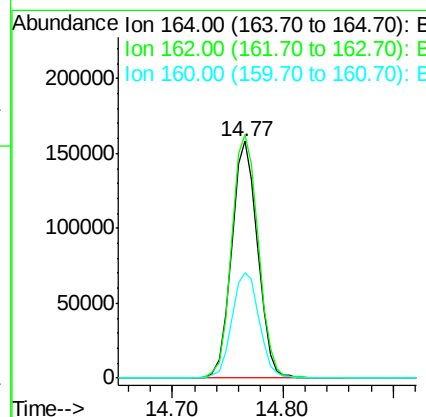
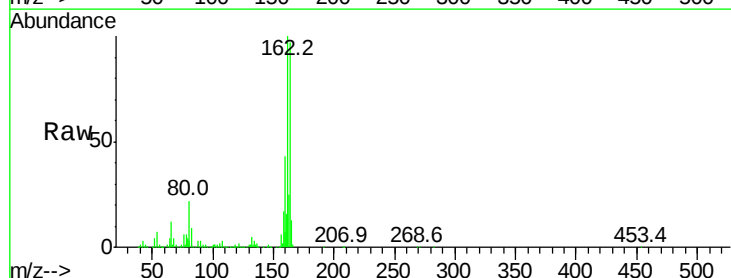
Instrument :
BNA_G
ClientSampleId :
DSN001

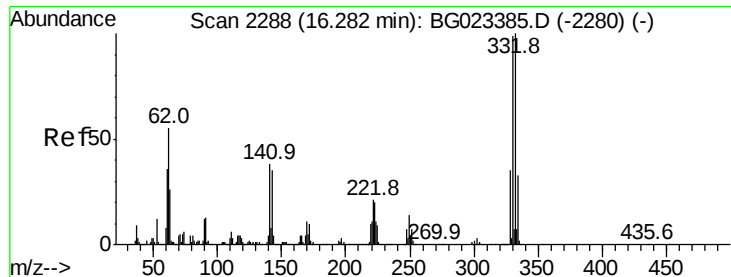
Tot Ion	82	Resp	682082
Ion Ratio	100	Lower	Upper
128	37.1	24.4	36.6#
54	48.0	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023833.D
Acq: 22 Aug 2016 14:59

Tgt Ion	164	Resp	260610
Ion Ratio	100	Lower	Upper
162	102.7	87.7	131.5
160	44.3	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 110.20 ng

RT: 16.27 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

Instrument :

BNA_G

ClientSampleId :

DSN001

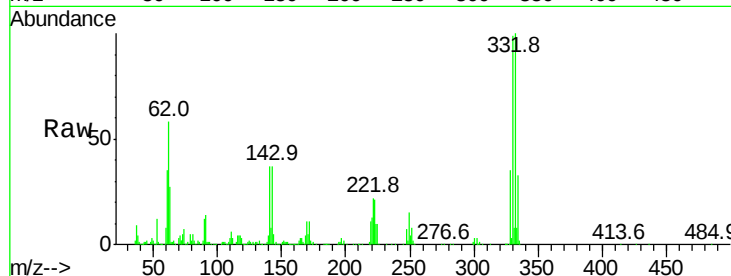
Tot Ion:330 Resp: 420061

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

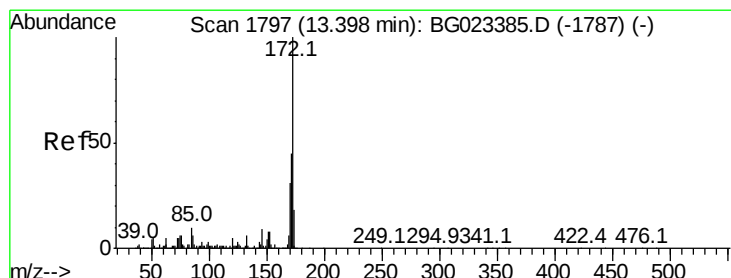
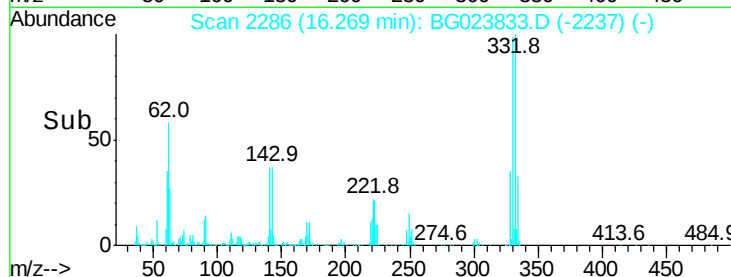
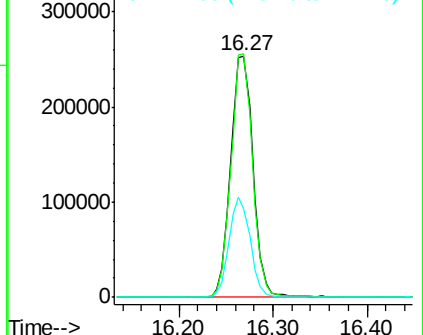
141 39.0 31.7 47.5



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: 92.29 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

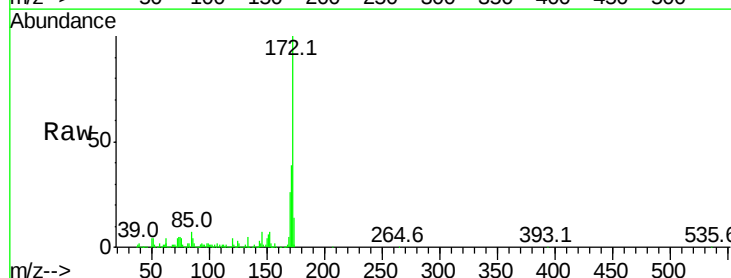
Tgt Ion:172 Resp: 1425942

Ion Ratio Lower Upper

172 100

171 38.7 31.6 47.4

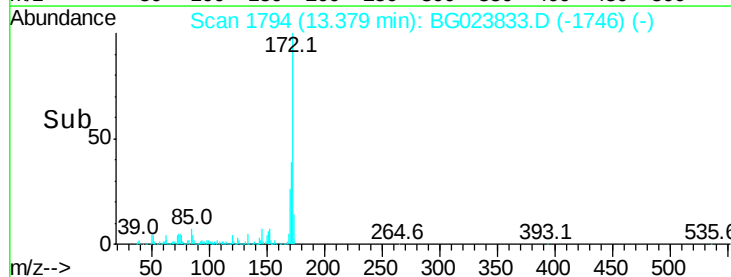
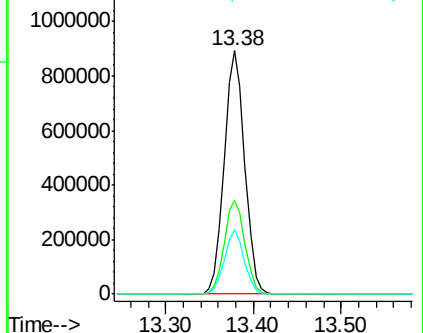
170 26.4 21.3 31.9

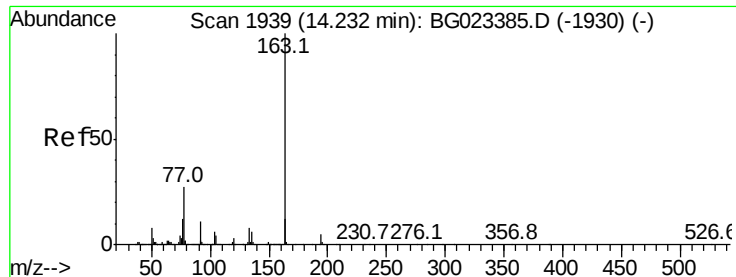


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.86 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

Instrument :

BNA_G

ClientSampleId :

DSN001

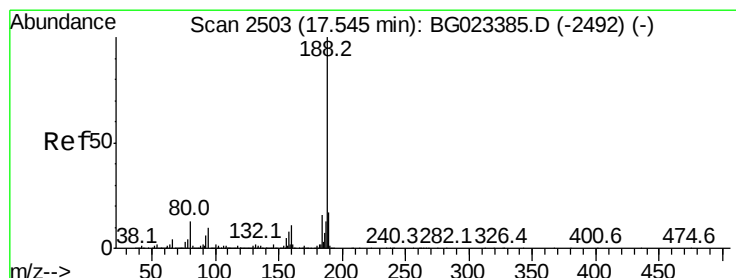
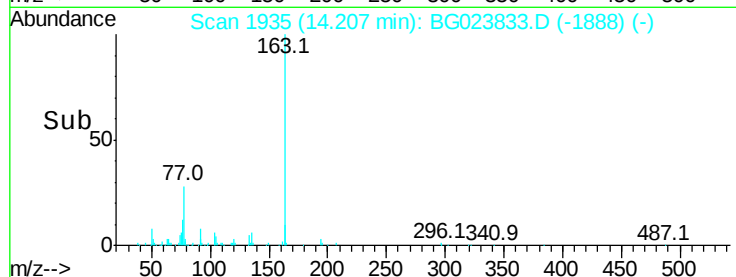
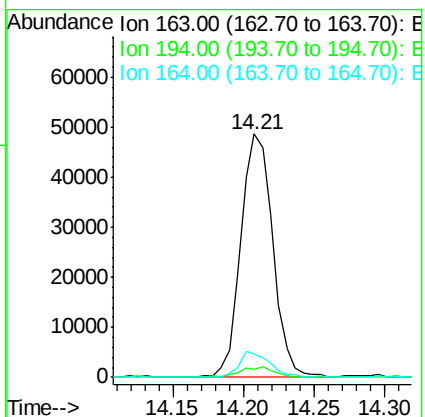
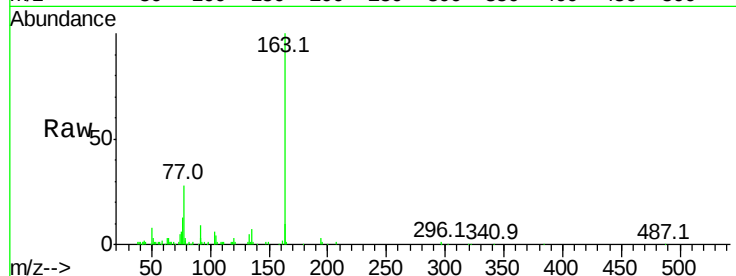
Tot Ion:163 Resp: 77216

Ion Ratio Lower Upper

163 100

194 3.4 3.6 5.4#

164 9.7 8.1 12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

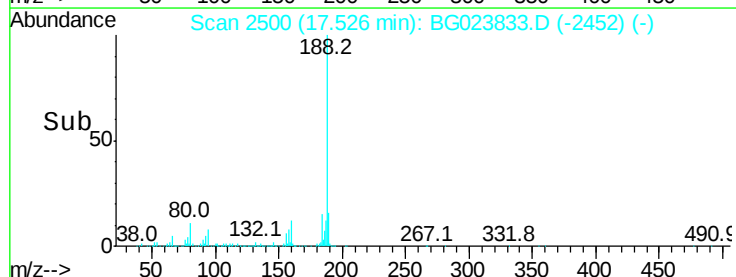
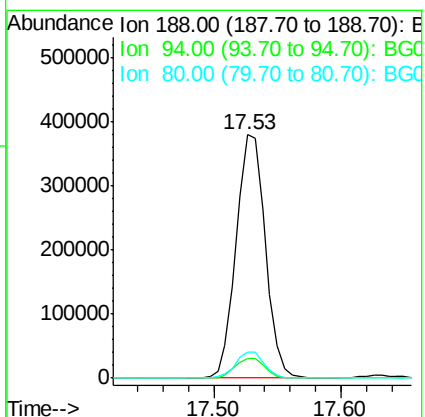
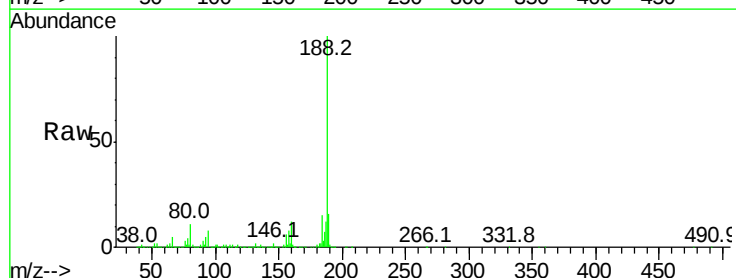
Tgt Ion:188 Resp: 604331

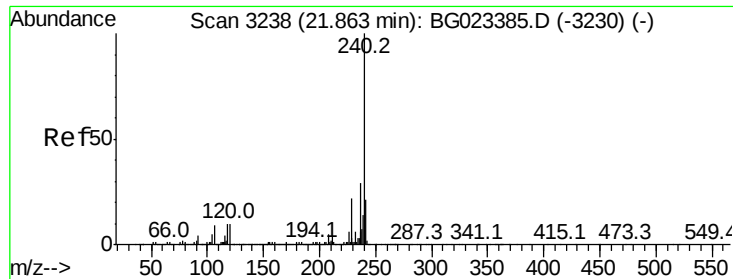
Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

80 10.6 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

Instrument :

BNA_G

ClientSampleId :

DSN001

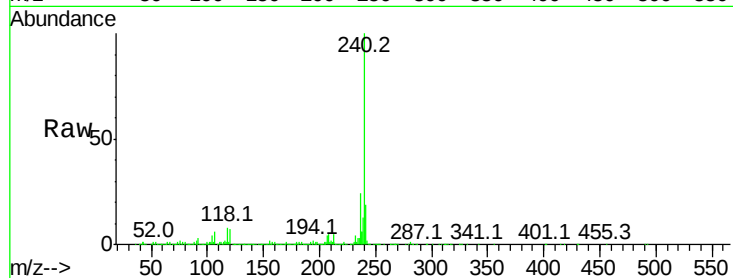
Tot Ion:240 Resp: 663865

Ion Ratio Lower Upper

240 100

120 7.3 4.1 6.1#

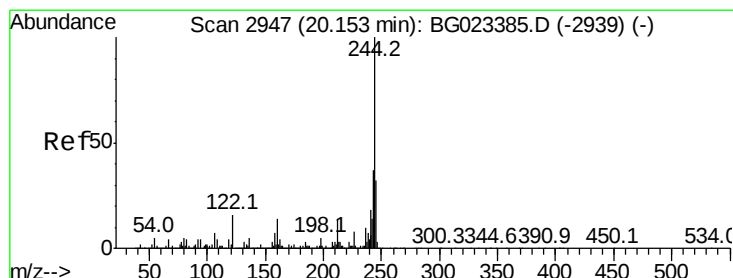
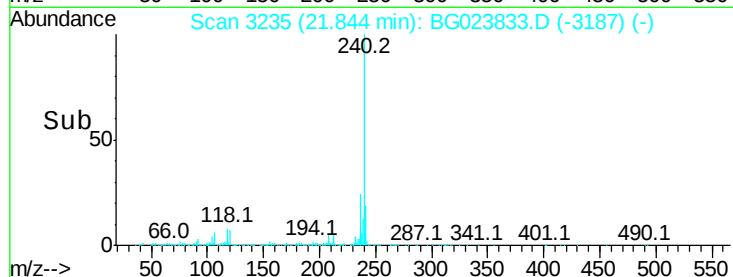
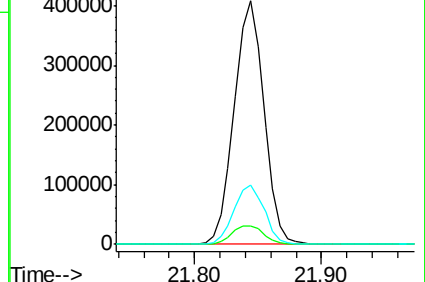
236 24.4 21.1 31.7



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: 96.57 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

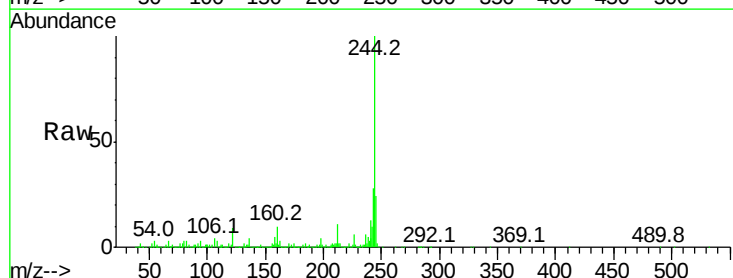
Tgt Ion:244 Resp: 1993269

Ion Ratio Lower Upper

244 100

212 11.0 10.8 16.2

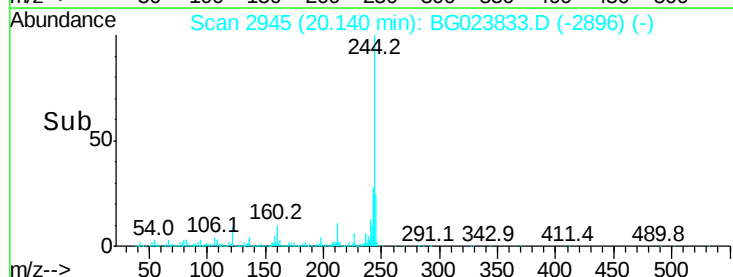
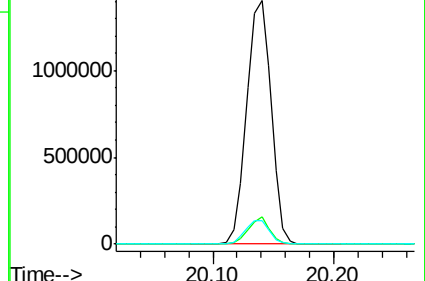
122 9.5 8.0 12.0

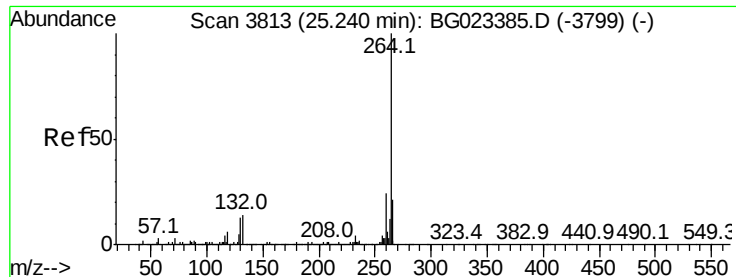


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.22 min Scan# 3810
Delta R.T. -0.02 min
Lab File: BG023833.D
Acq: 22 Aug 2016 14:59

Instrument :
BNA_G
ClientSampleId :
DSN001

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	20.4	18.9	28.3

