

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 16:57:34 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

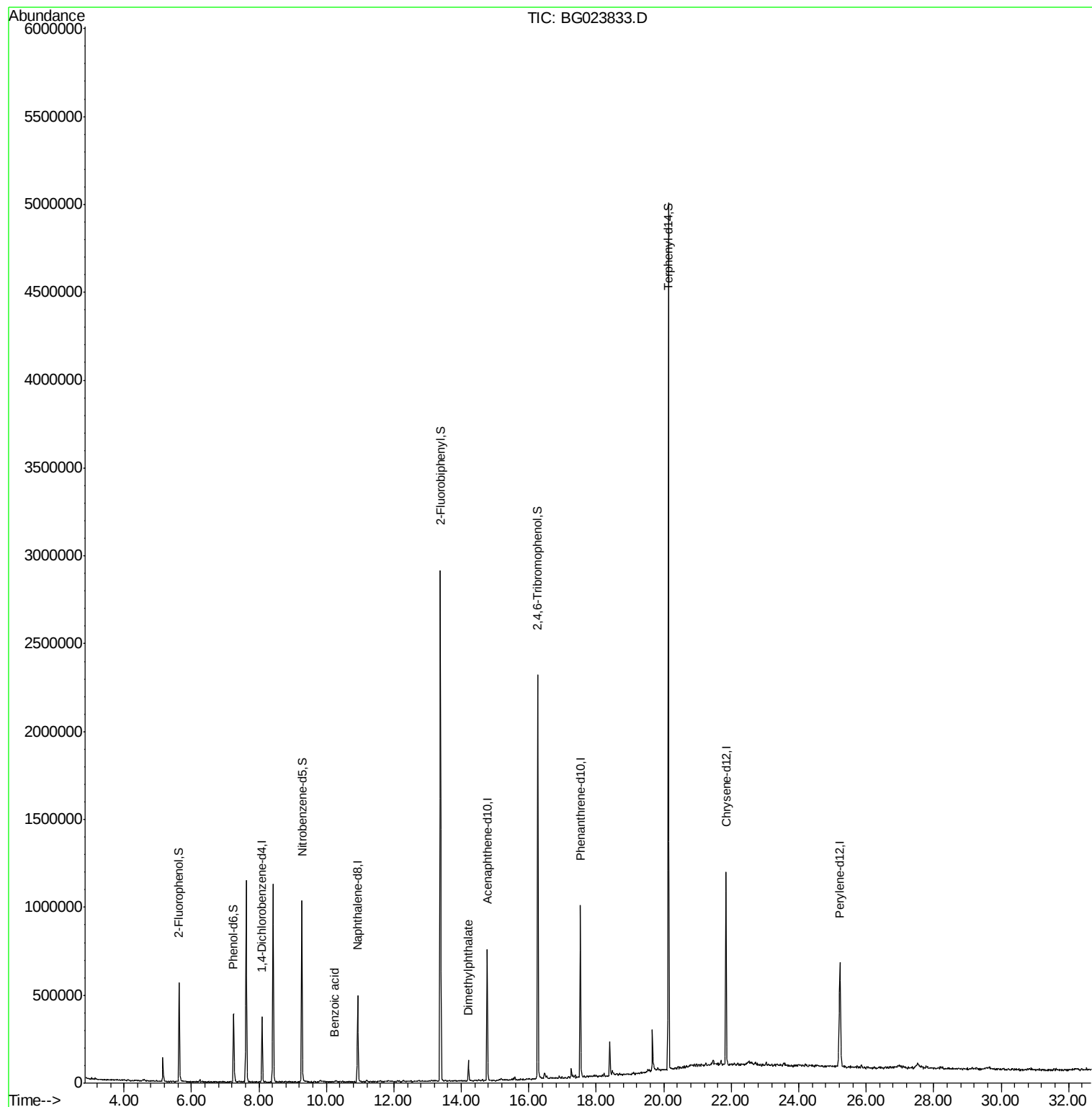
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	96058	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	408482	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	260610	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	604331	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	663865	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						
9) Benzaldehyde	7.25	77	824	Below Cal	#	33
32) Benzoic acid	10.24	122	111	6.46	ng	# 1
49) Dimethylphthalate	14.21	163	77216	3.86	ng	# 98
73) Di-n-butylphthalate	18.47	149	14360	Below Cal	#	95
74) Fluoranthene	19.59	202	2427	Below Cal		80
77) Pyrene	19.95	202	2141	Below Cal	#	92

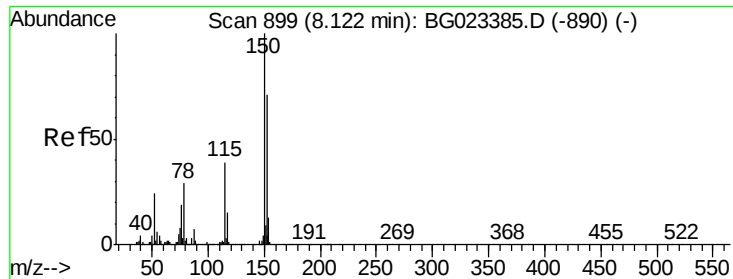
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 16:57:34 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





#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

ClientSampleId :

DSN001

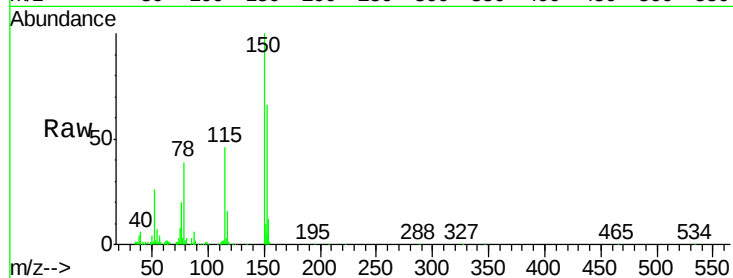
Tot Ion:152 Resp: 96058

Ion Ratio Lower Upper

152 100

150 151.0 144.7 217.1

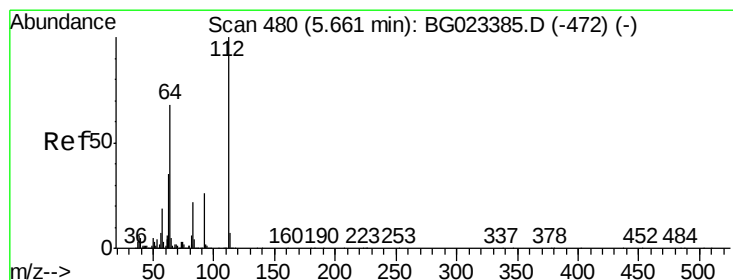
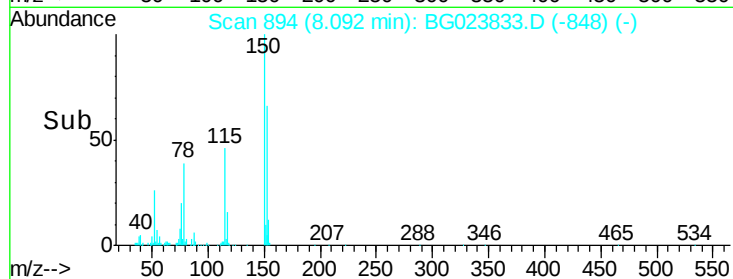
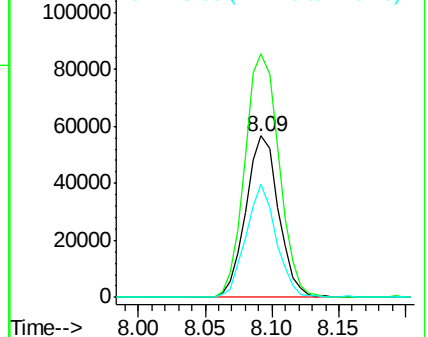
115 70.0 64.0 96.0



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: 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

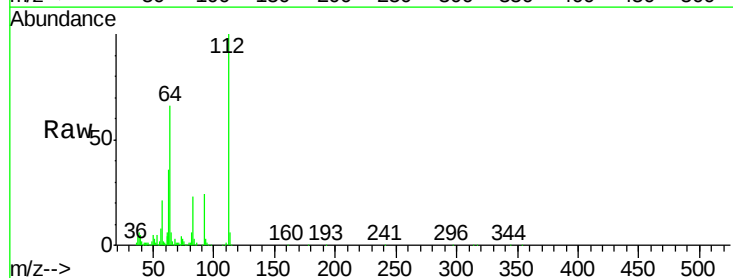
Tgt Ion:112 Resp: 255256

Ion Ratio Lower Upper

112 100

64 66.5 59.0 88.4

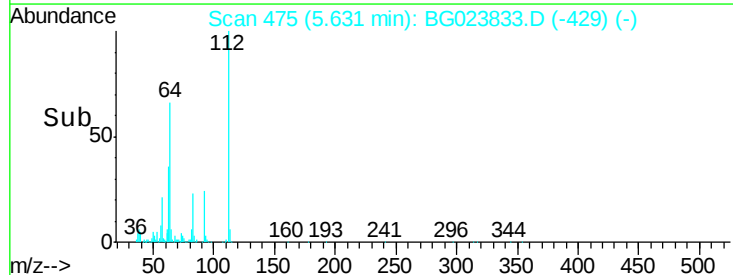
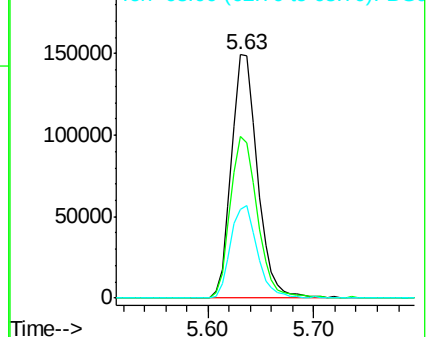
63 36.3 37.8 56.8#

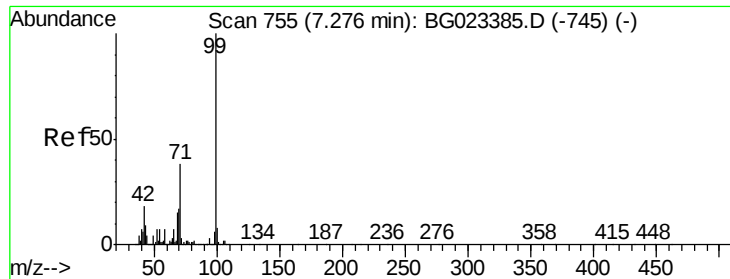


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 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

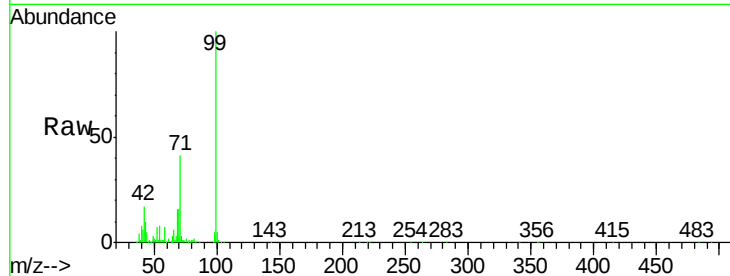
Tot Ion: 99 Resp: 241138

Ion Ratio Lower Upper

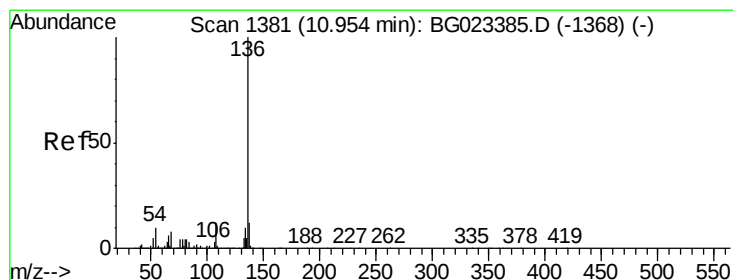
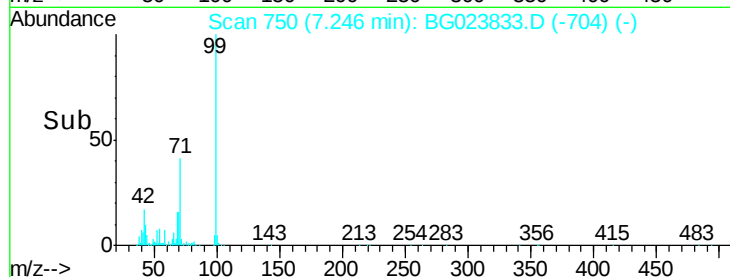
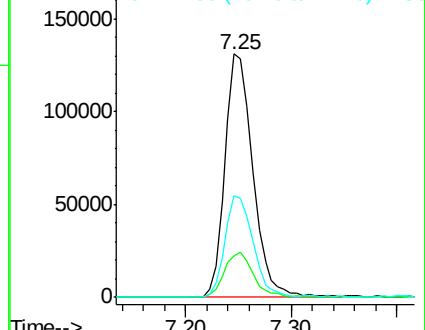
99 100

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

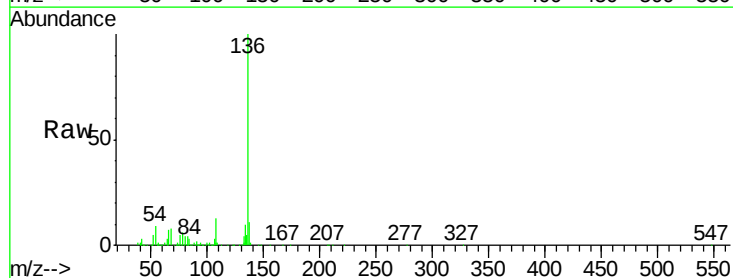
Ion Ratio Lower Upper

136 100

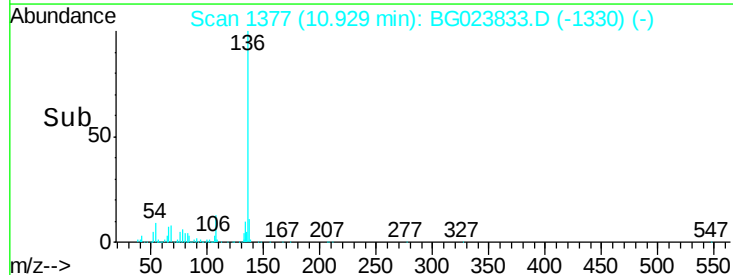
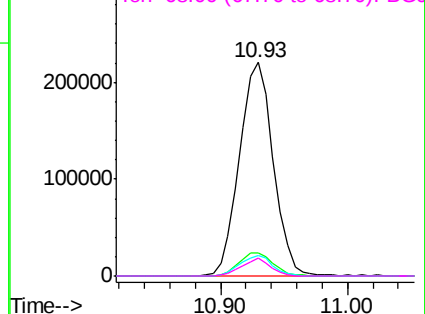
137 10.9 9.6 14.4

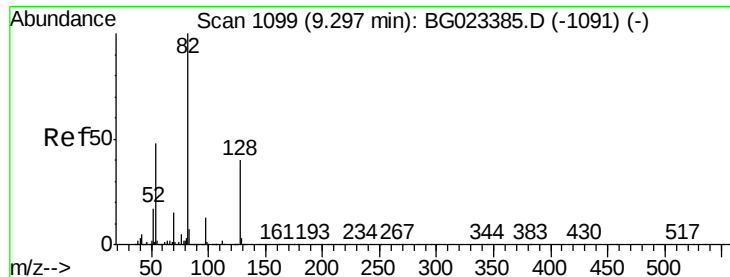
54 9.4 7.3 10.9

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

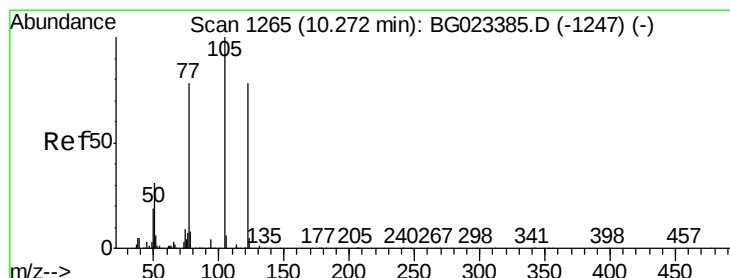
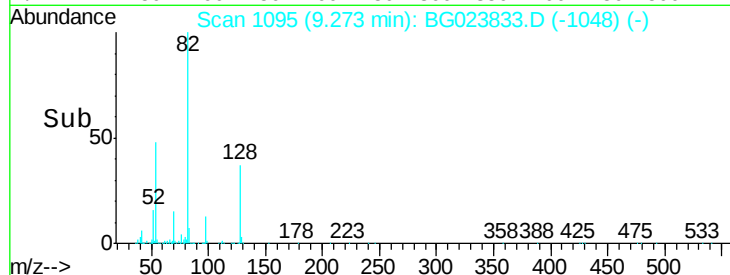
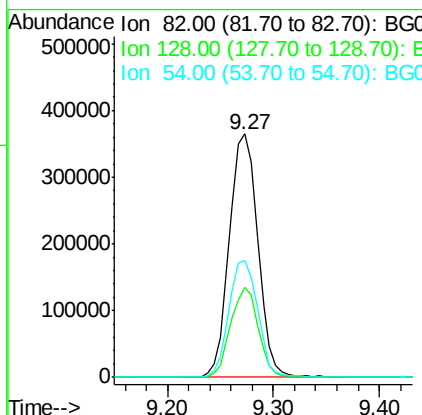
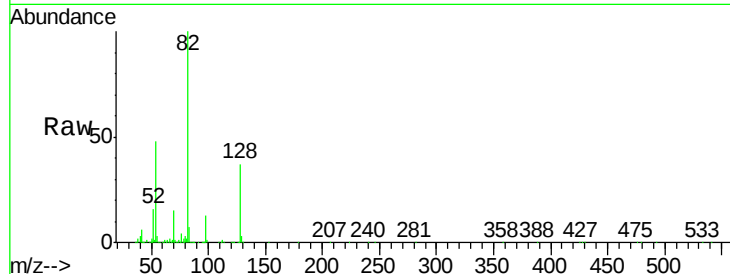




#23
 Nitrobenzene-d5
 Concen: 83.01 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BG023833.D
 Acq: 22 Aug 2016 14:59

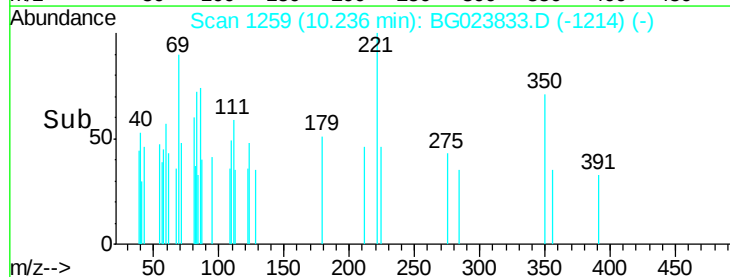
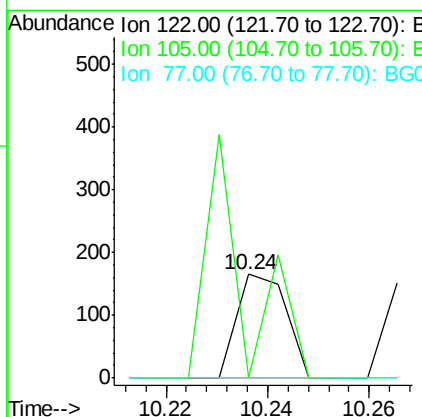
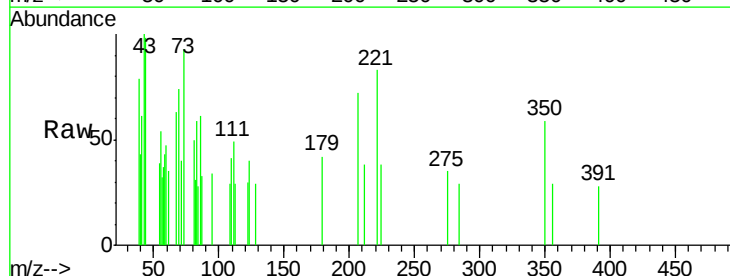
Instrument :
 BNA_G
 ClientSampleID :
 DSN001

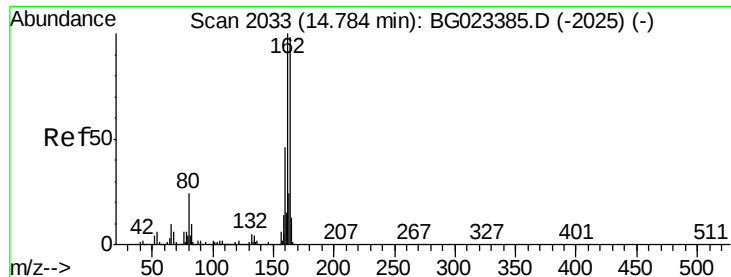
Tot Ion	82	Resp	682082
Ion Ratio	100	Lower	Upper
128	37.1	24.4	36.6#
54	48.0	41.4	62.0



#32
 Benzoic acid
 Concen: 6.46 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.04 min
 Lab File: BG023833.D
 Acq: 22 Aug 2016 14:59

Tgt Ion	122	Resp	111
Ion Ratio	100	Lower	Upper
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#





#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

Instrument :

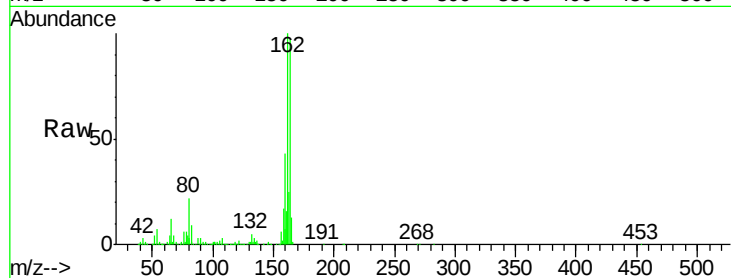
BNA_G

ClientSampleId :

DSN001

Tot Ion:164 Resp: 260610

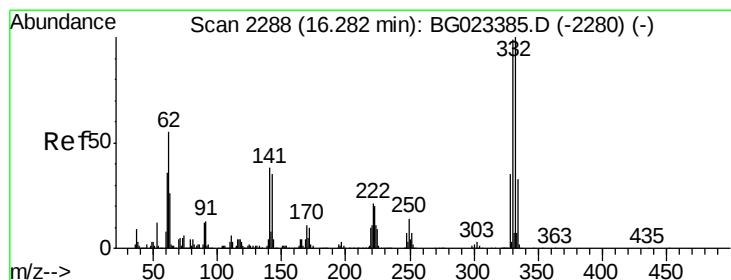
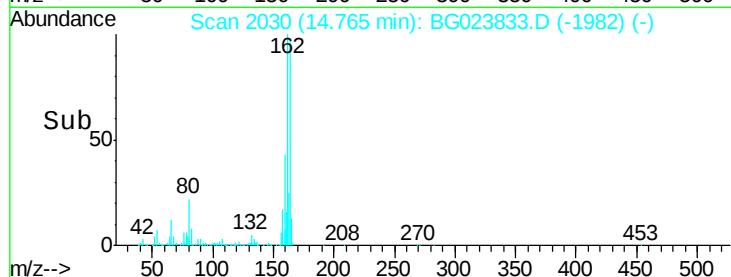
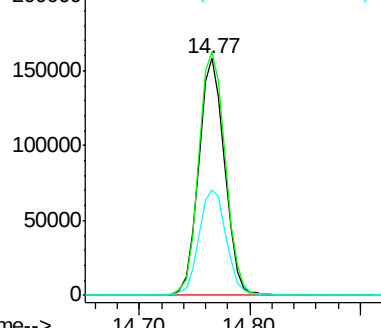
Ion	Ratio	Lower	Upper
164	100		
162	102.7	87.7	131.5
160	44.3	37.2	55.8



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



#41

2,4,6-Tribromophenol

Concen: 110.20 ng

RT: 16.27 min Scan# 2286

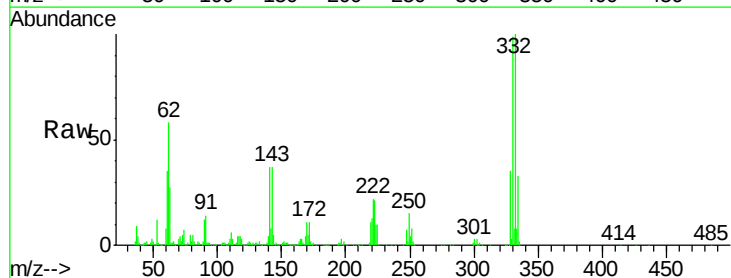
Delta R.T. -0.01 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

Tgt Ion:330 Resp: 420061

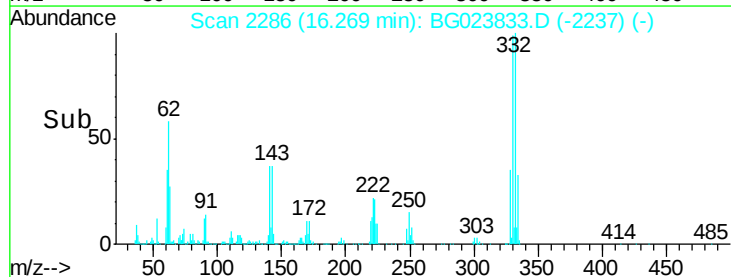
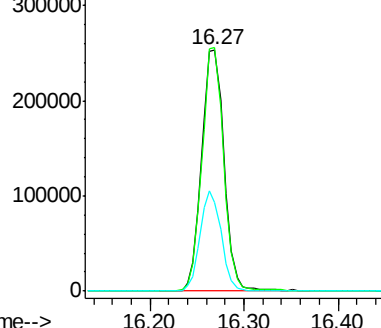
Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	39.0	31.7	47.5

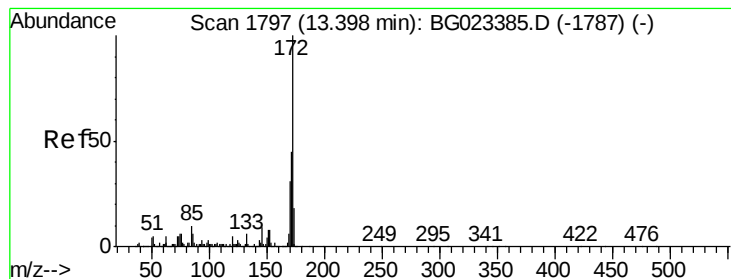


Abundance Ion 329.80 (329.50 to 330.50): E

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

Instrument :

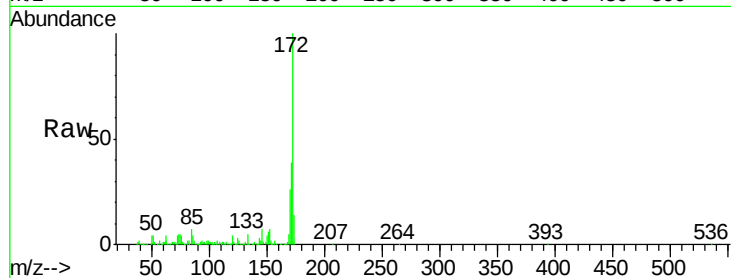
BNA_G

ClientSampleId :

DSN001

Tot Ion:172 Resp: 1425942

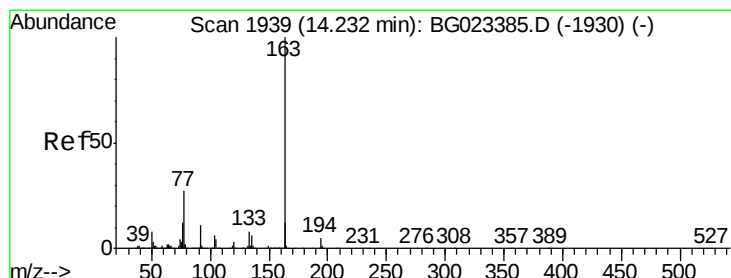
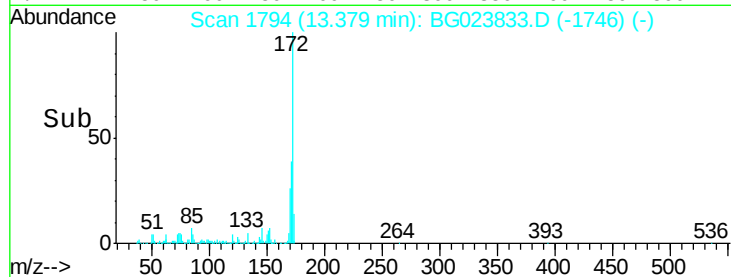
Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.6	47.4
170	26.4	21.3	31.9



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

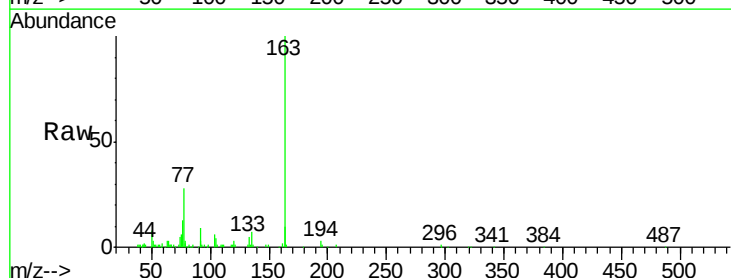
Delta R.T. -0.02 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

Tgt Ion:163 Resp: 77216

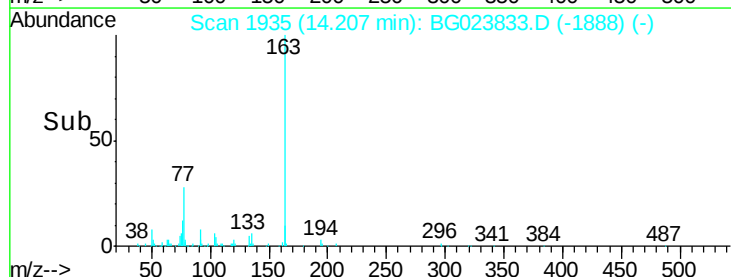
Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.6	5.4#
164	9.7	8.1	12.1

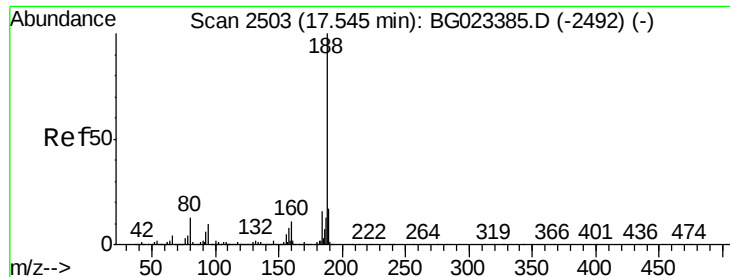


Abundance Ion 163.00 (162.70 to 163.70): E

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: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

Instrument :

BNA_G

ClientSampleId :

DSN001

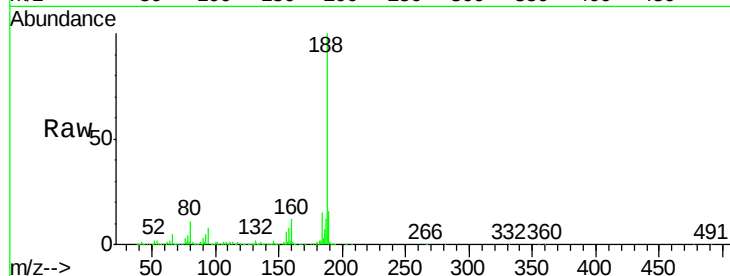
Tot Ion:188 Resp: 604331

Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

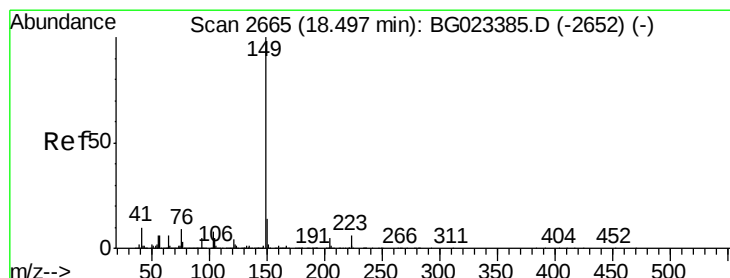
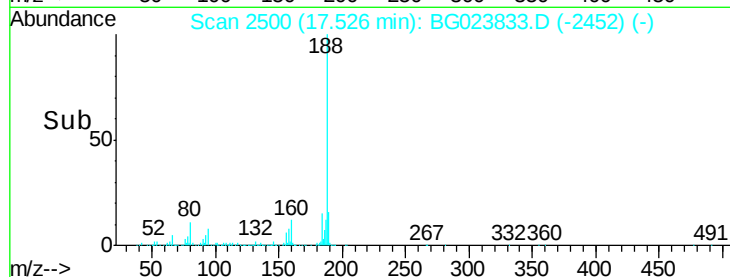
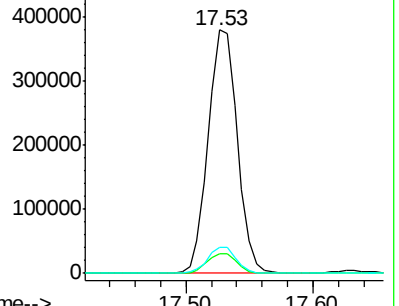
80 10.6 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.47 min Scan# 2661

Delta R.T. -0.02 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

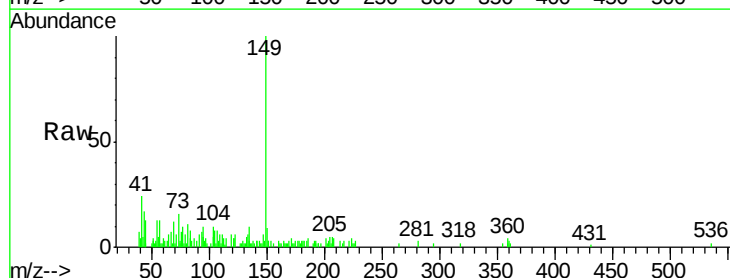
Tgt Ion:149 Resp: 14360

Ion Ratio Lower Upper

149 100

150 9.0 9.1 13.7#

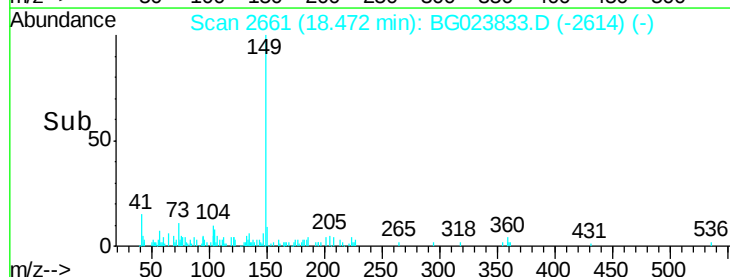
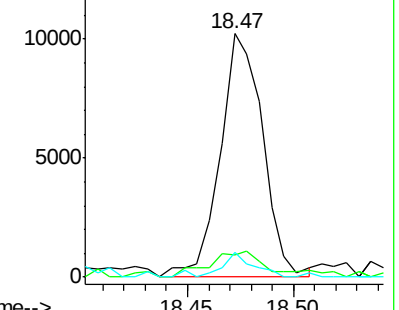
104 10.2 6.9 10.3

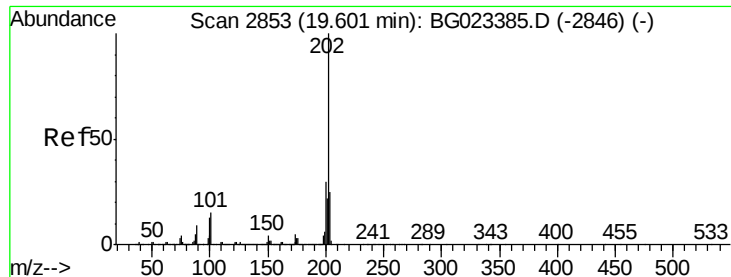


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 19.59 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

Instrument :

BNA_G

ClientSampleId :

DSN001

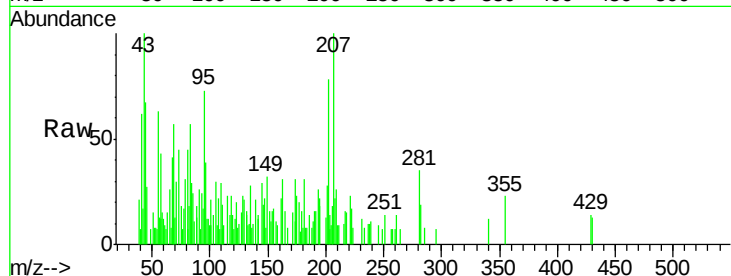
Tot Ion:202 Resp: 2427

Ion Ratio Lower Upper

202 100

101 27.4 0.0 27.4

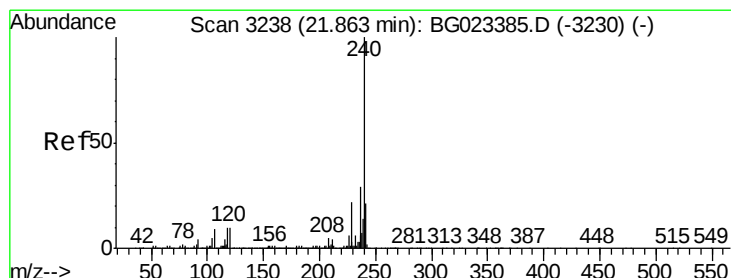
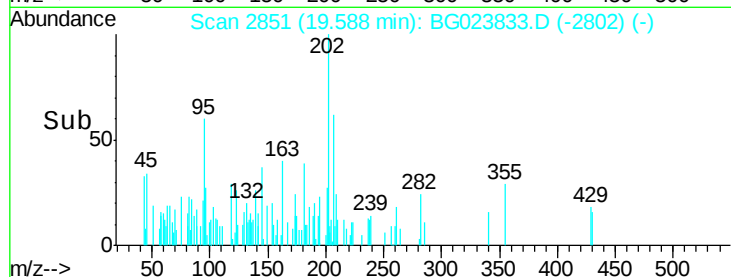
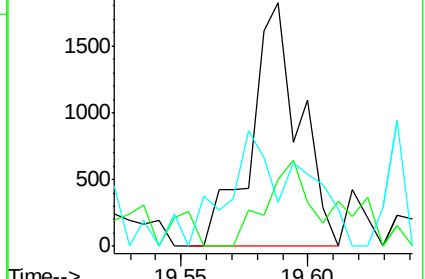
203 18.0 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#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

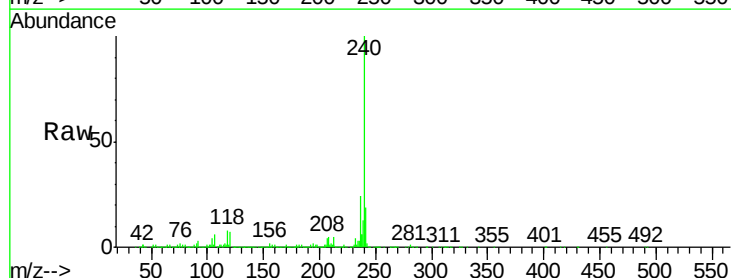
Tgt Ion:240 Resp: 663865

Ion Ratio Lower Upper

240 100

120 7.3 4.1 6.1#

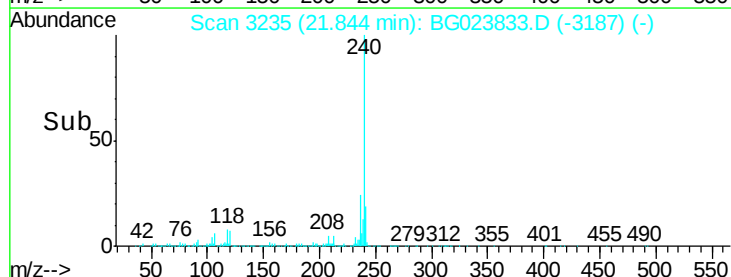
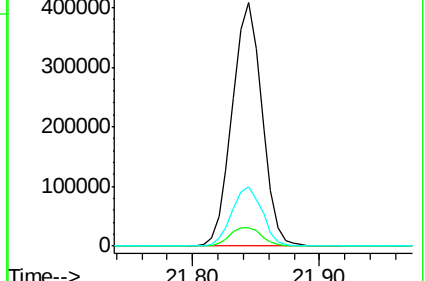
236 24.4 21.1 31.7

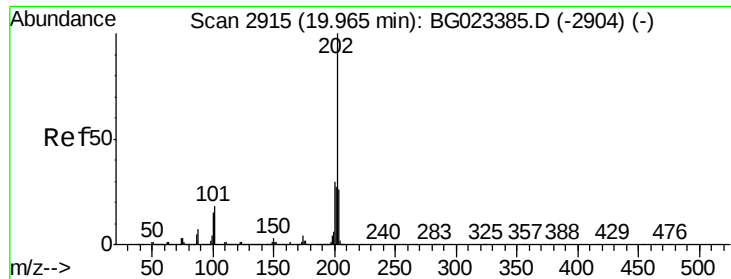


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: Below Cal

RT: 19.95 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG023833.D

Acq: 22 Aug 2016 14:59

Instrument :

BNA_G

ClientSampleId :

DSN001

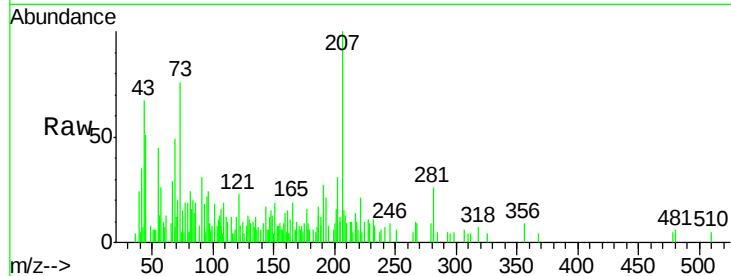
Tot Ion:202 Resp: 2141

Ion Ratio Lower Upper

202 100

200 28.7 21.2 31.8

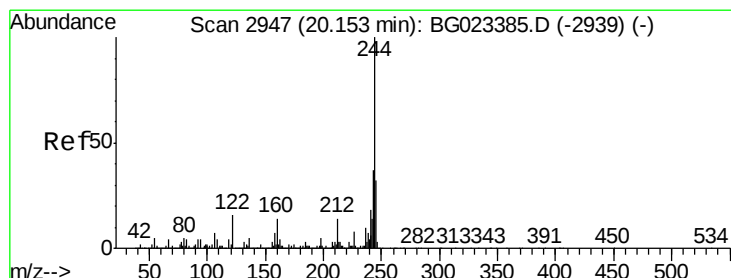
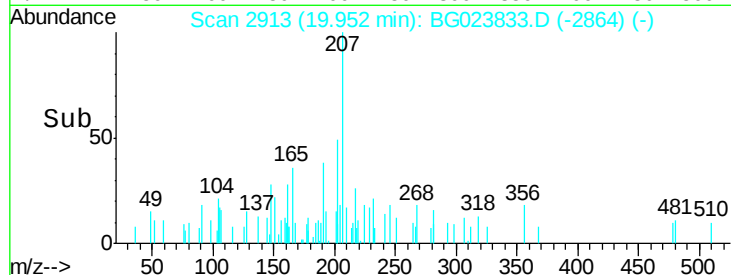
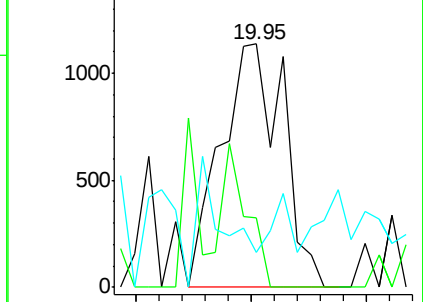
203 14.6 16.8 25.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): 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

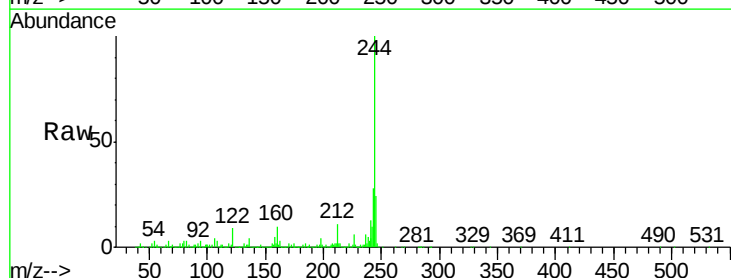
Tgt Ion:244 Resp: 1993269

Ion Ratio Lower Upper

244 100

212 11.0 10.8 16.2

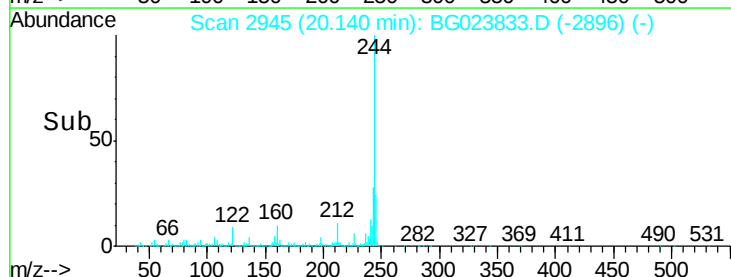
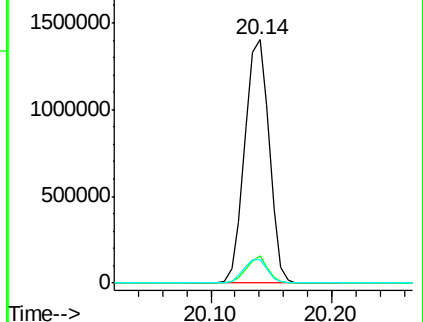
122 9.5 8.0 12.0

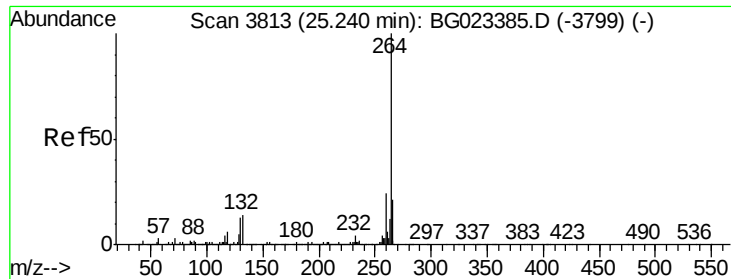


Abundance Ion 244.00 (243.70 to 244.70): E

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

