

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
 Data File : BG021731.D
 Acq On : 18 Apr 2016 9:08
 Operator : UM/SJ
 Sample : H2420-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R06-CS-2(0-18FT)

Quant Time: Apr 18 11:52:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

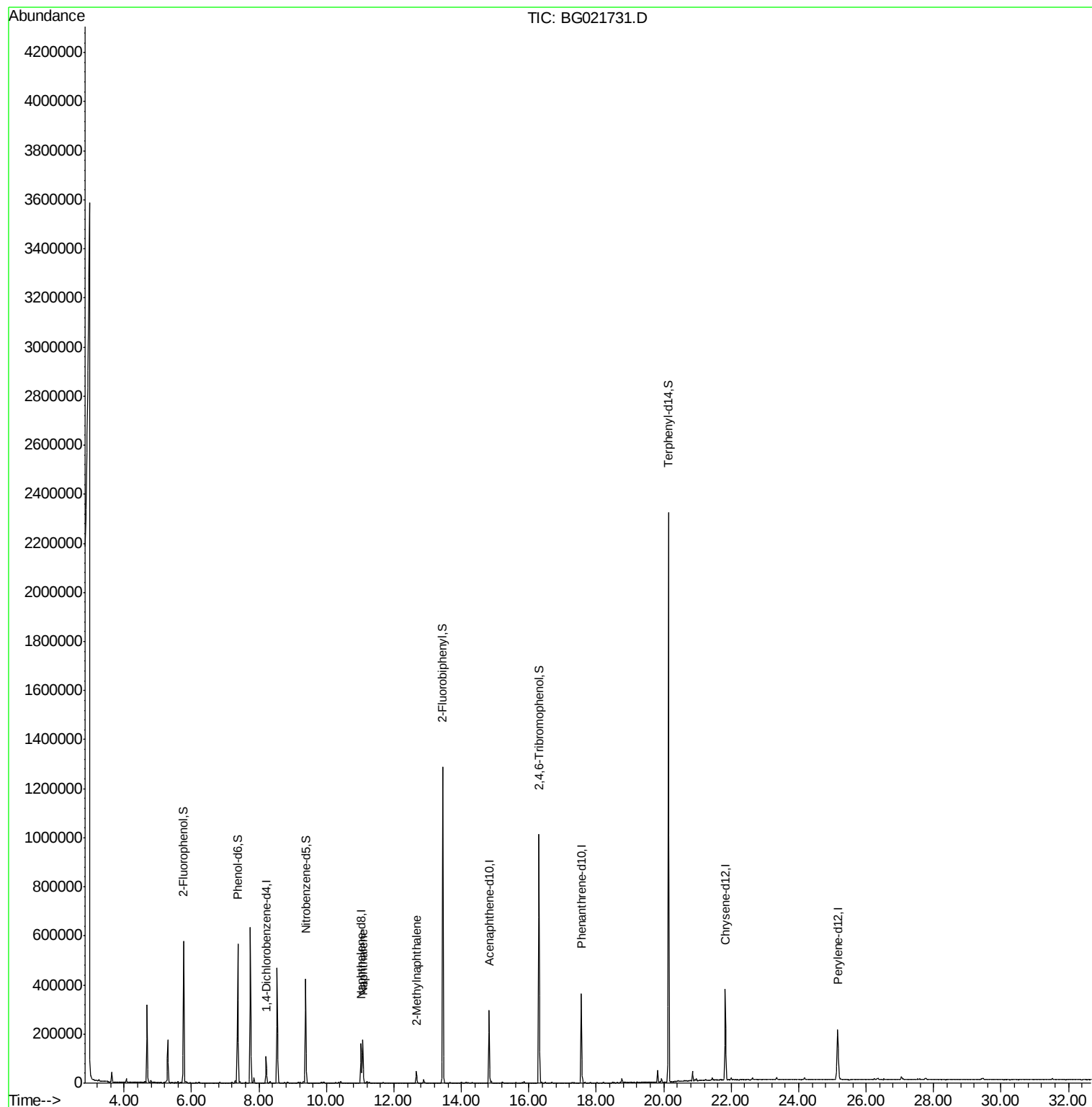
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	29077	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	142278	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	104212	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	225023	20.00	ng	0.00
75) Chrysene-d12	21.83	240	239938	20.00	ng	0.00
86) Perylene-d12	25.16	264	224911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	256213	146.74	ng	0.01
7) Phenol-d6	7.37	99	341856	131.07	ng	0.00
23) Nitrobenzene-d5	9.38	82	263777	95.29	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	186998	166.50	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	672159	94.50	ng	0.00
78) Terphenyl-d14	20.14	244	974249	101.32	ng	0.00
Target Compounds						
31) Naphthalene	11.08	128	146763	19.27	ng	Qvalue # 94
37) 2-Methylnaphthalene	12.67	142	23026	4.41	ng	94

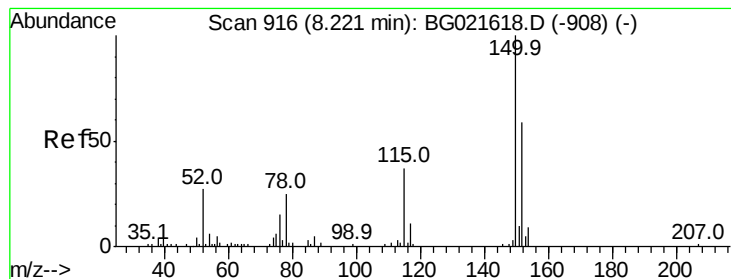
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021731.D

Acq: 18 Apr 2016 9:08

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-2(0-18FT)

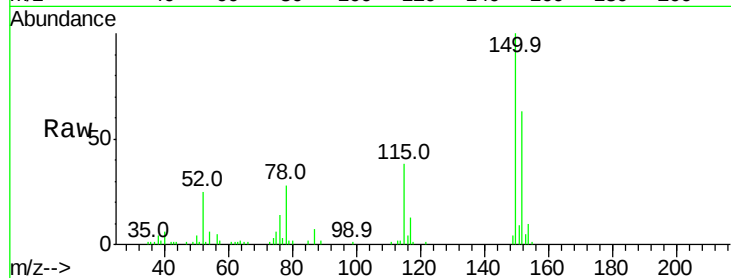
Tot Ion:152 Resp: 29077

Ion Ratio Lower Upper

152 100

150 159.6 130.1 195.1

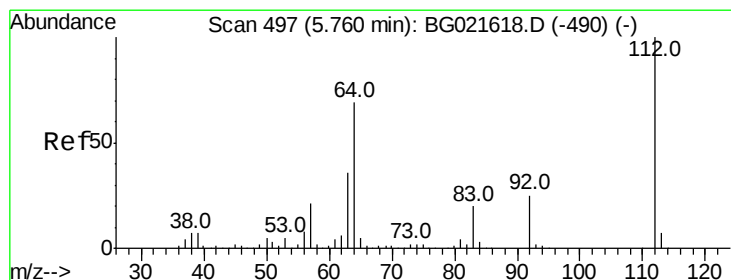
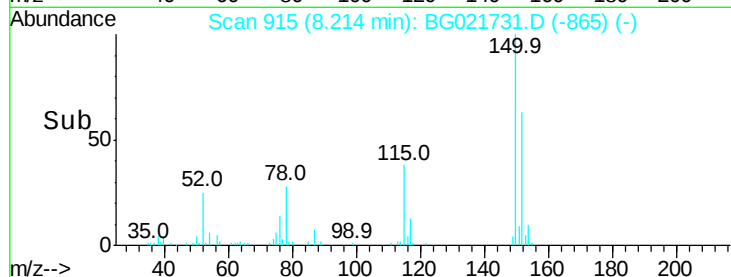
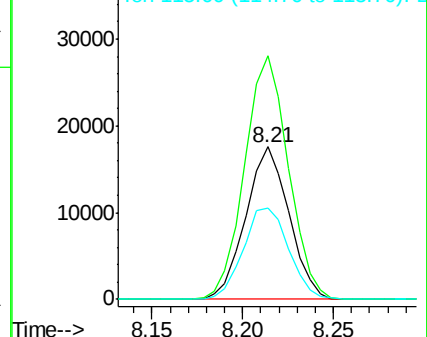
115 60.3 62.2 93.2#



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: 146.74 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021731.D

Acq: 18 Apr 2016 9:08

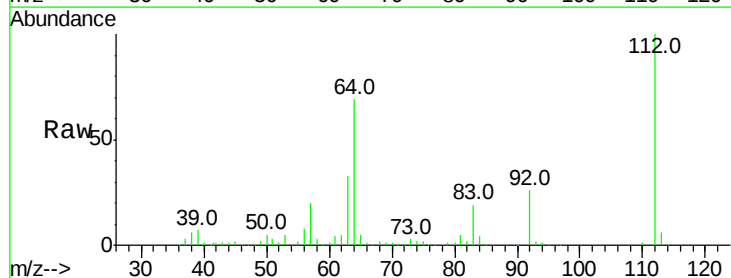
Tgt Ion:112 Resp: 256213

Ion Ratio Lower Upper

112 100

64 68.5 51.1 76.7

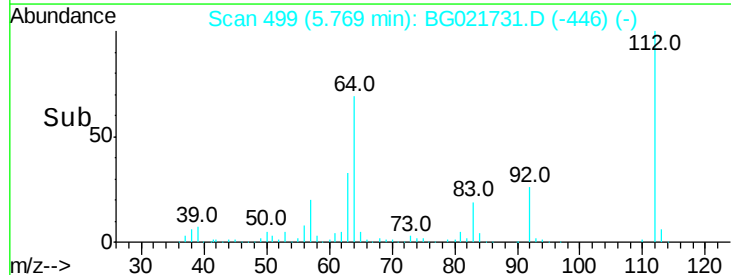
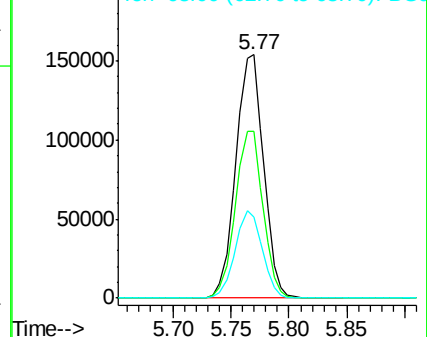
63 33.4 24.6 37.0

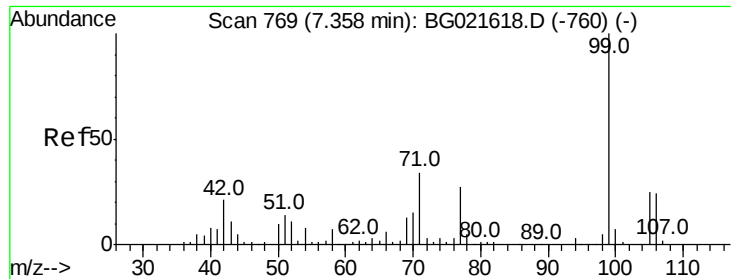


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.07 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021731.D

Acq: 18 Apr 2016 9:08

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-2(0-18FT)

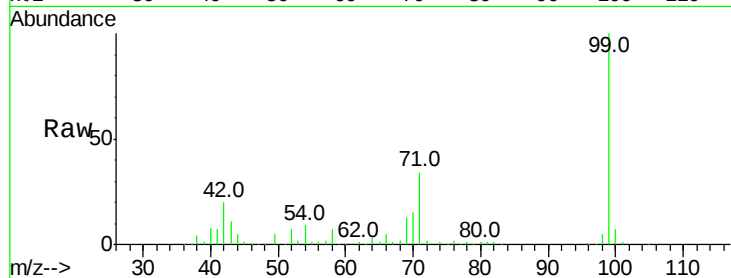
Tot Ion: 99 Resp: 341856

Ion Ratio Lower Upper

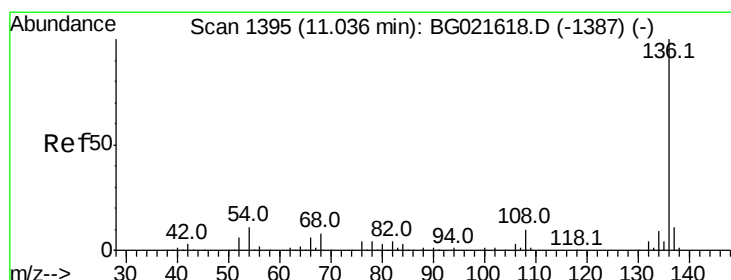
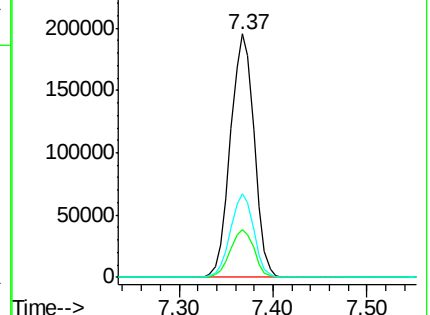
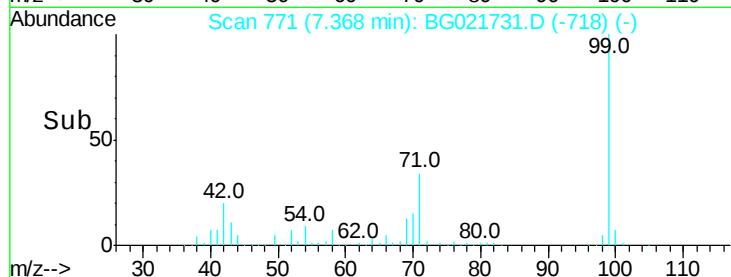
99 100

42 19.8 16.4 24.6

71 34.2 25.0 37.4



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: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021731.D

Acq: 18 Apr 2016 9:08

Tgt Ion: 136 Resp: 142278

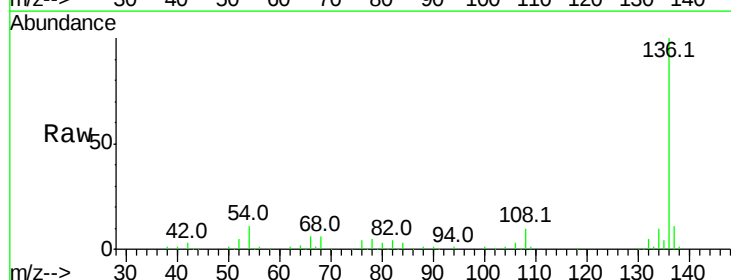
Ion Ratio Lower Upper

136 100

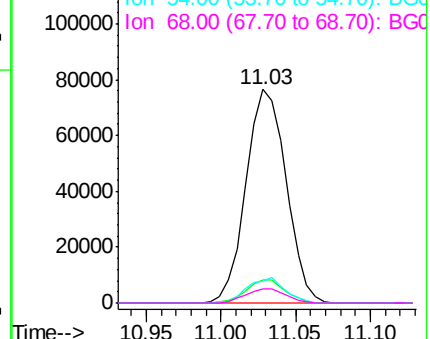
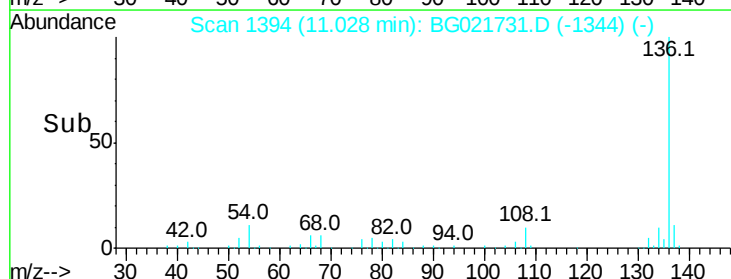
137 10.8 9.0 13.4

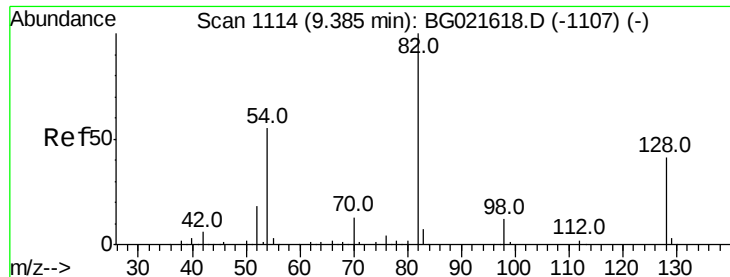
54 10.5 9.6 14.4

68 6.3 6.4 9.6#



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: 95.29 ng

RT: 9.38 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BG021731.D

Acq: 18 Apr 2016 9:08

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-2(0-18FT)

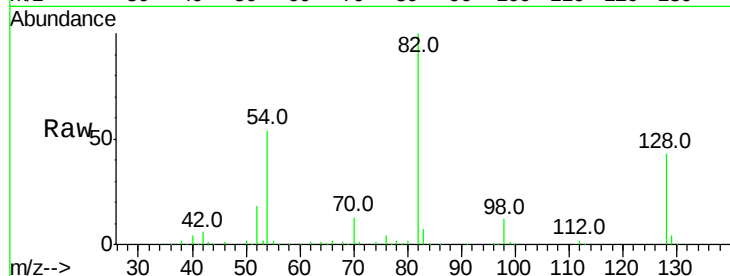
Tot Ion: 82 Resp: 263777

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.0

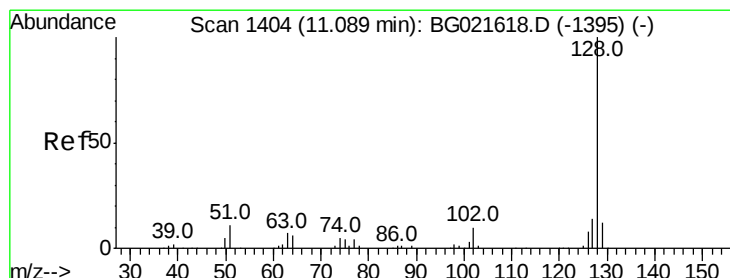
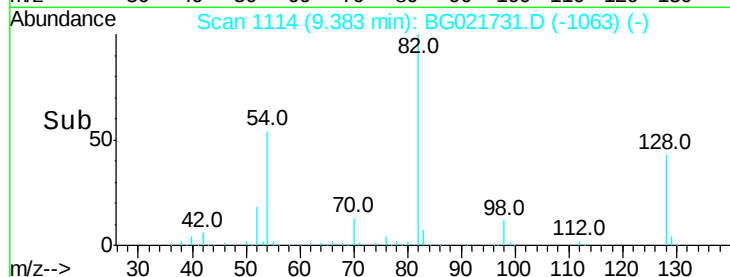
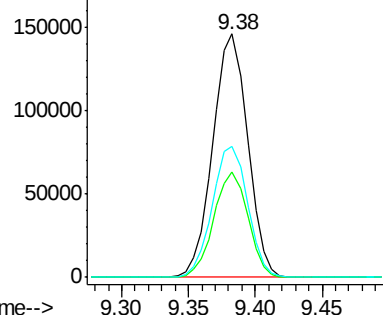
54 53.7 46.1 69.1



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



#31

Naphthalene

Concen: 19.27 ng

RT: 11.08 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BG021731.D

Acq: 18 Apr 2016 9:08

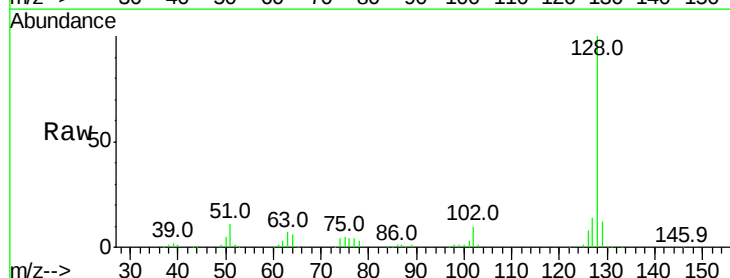
Tgt Ion:128 Resp: 146763

Ion Ratio Lower Upper

128 100

129 11.6 7.0 10.6#

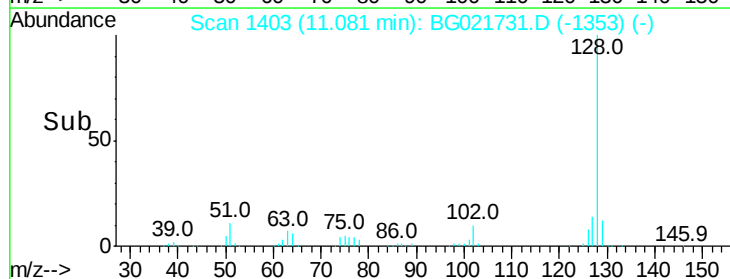
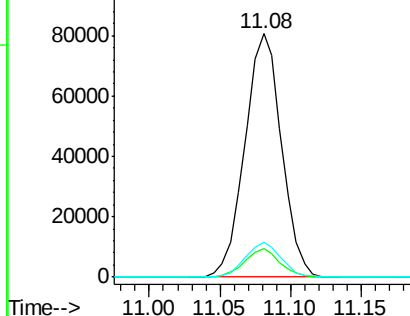
127 14.3 10.1 15.1

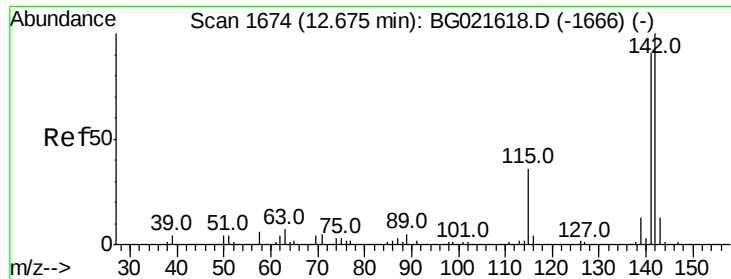


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

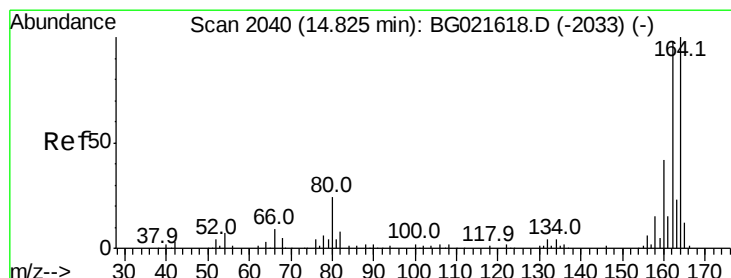
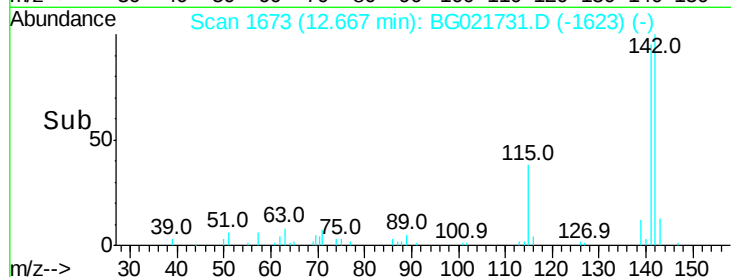
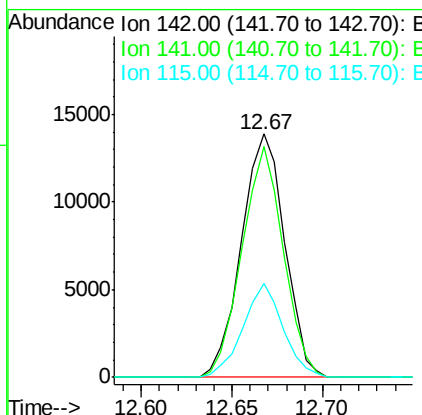
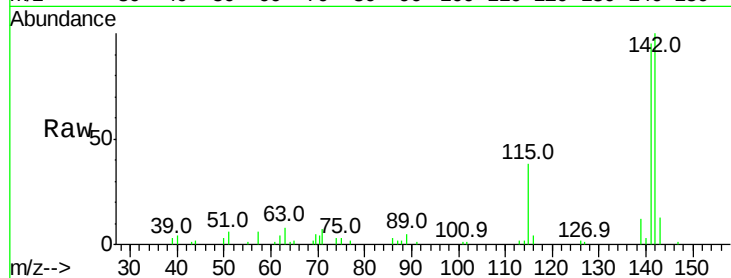




#37
 2-Methylnaphthalene
 Concen: 4.41 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG021731.D
 Acq: 18 Apr 2016 9:08

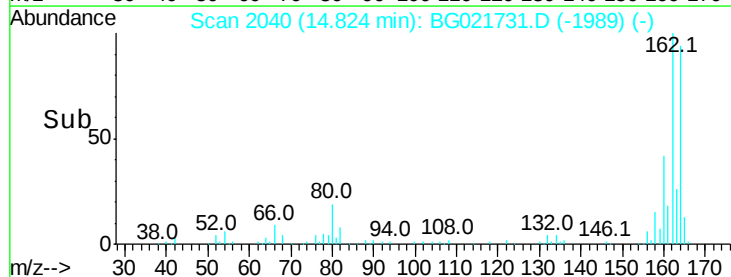
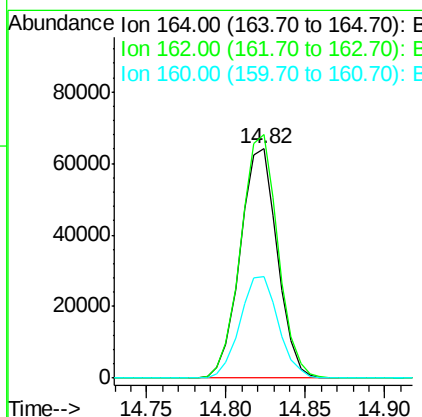
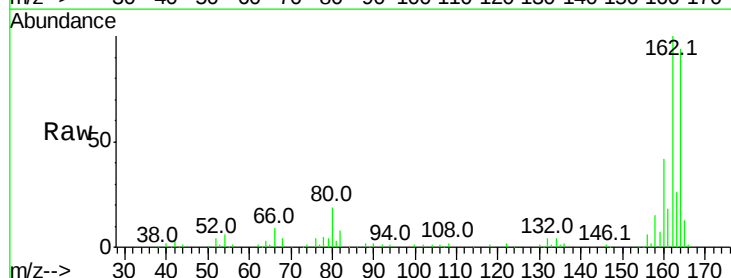
Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R06-CS-2(0-18FT)

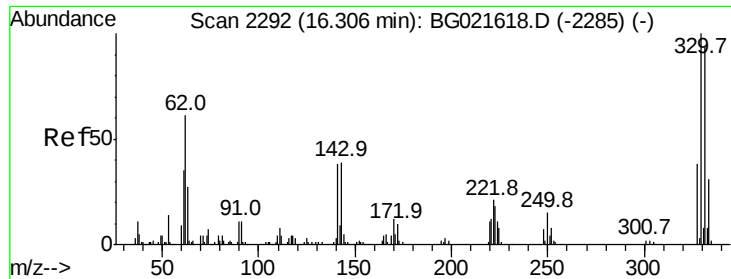
Tot Ion:142 Resp: 23026
 Ion Ratio Lower Upper
 142 100
 141 94.8 71.4 107.0
 115 38.5 27.4 41.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021731.D
 Acq: 18 Apr 2016 9:08

Tgt Ion:164 Resp: 104212
 Ion Ratio Lower Upper
 164 100
 162 106.3 78.0 117.0
 160 44.4 32.9 49.3

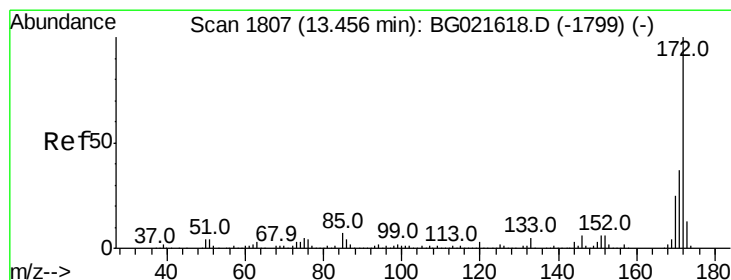
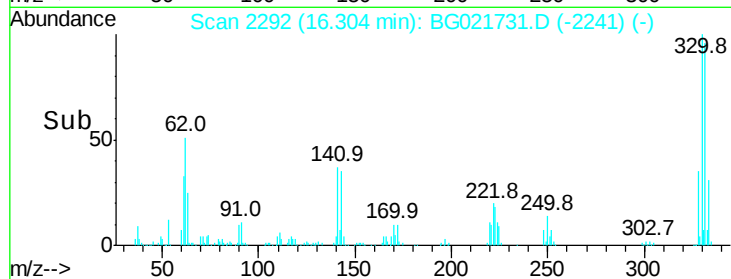
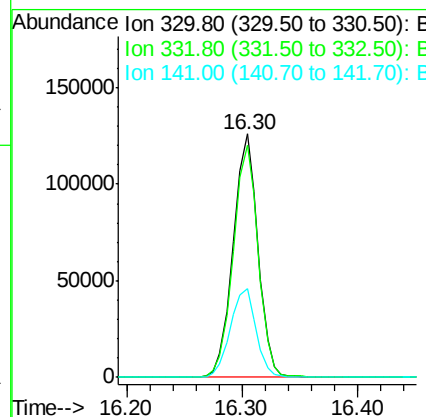
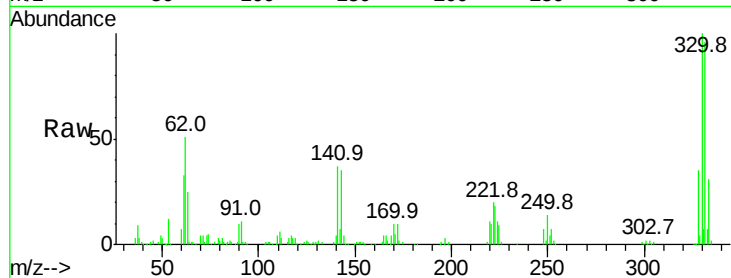




#41
 2,4,6-Tribromophenol
 Concen: 166.50 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021731.D
 Acq: 18 Apr 2016 9:08

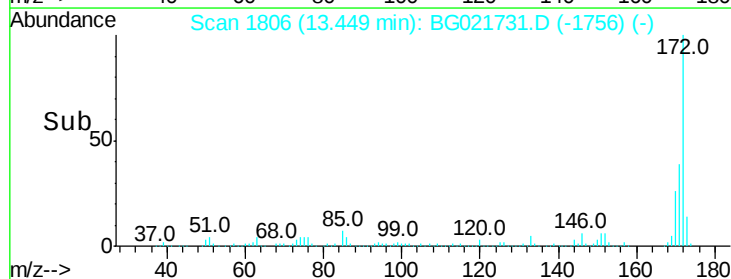
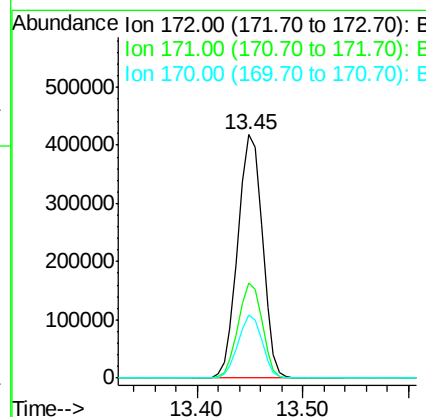
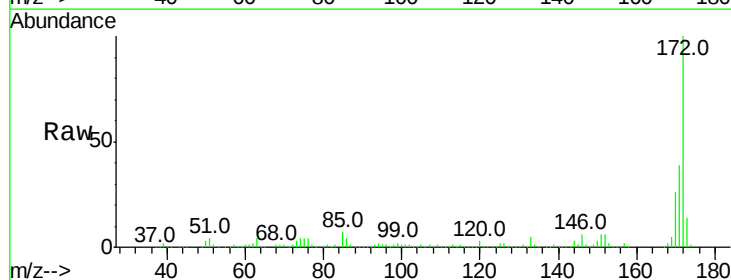
Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R06-CS-2(0-18FT)

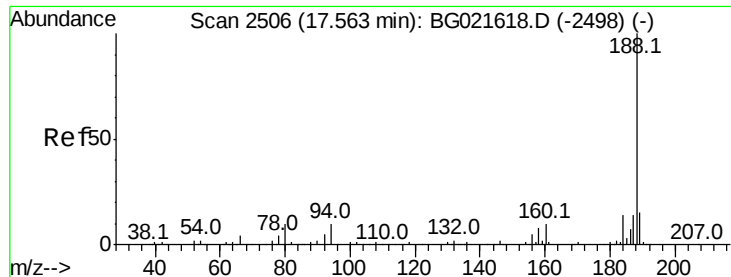
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	38.2	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 94.50 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021731.D
 Acq: 18 Apr 2016 9:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	27.8	41.6
170	25.7	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021731.D

Acq: 18 Apr 2016 9:08

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-2(0-18FT)

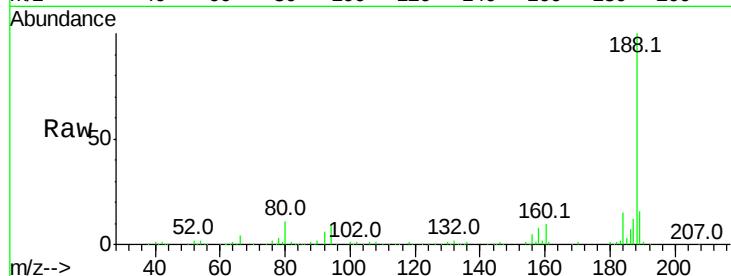
Tot Ion:188 Resp: 225023

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

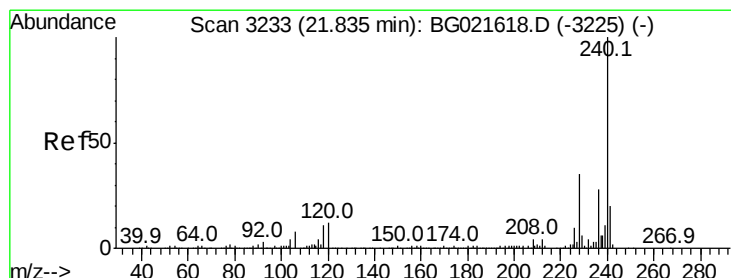
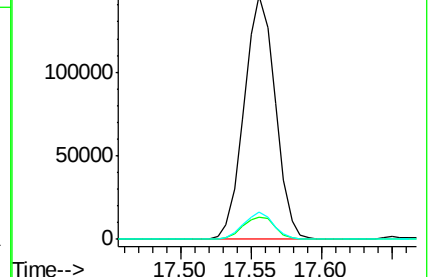
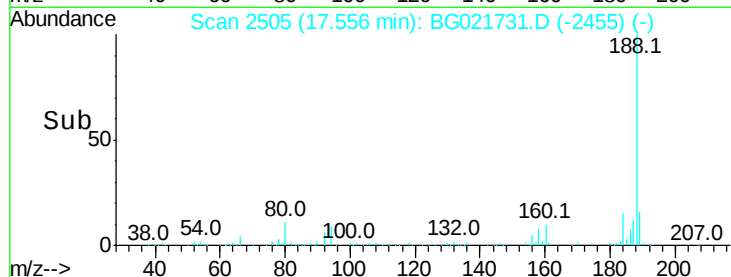
80 11.3 8.6 13.0



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021731.D

Acq: 18 Apr 2016 9:08

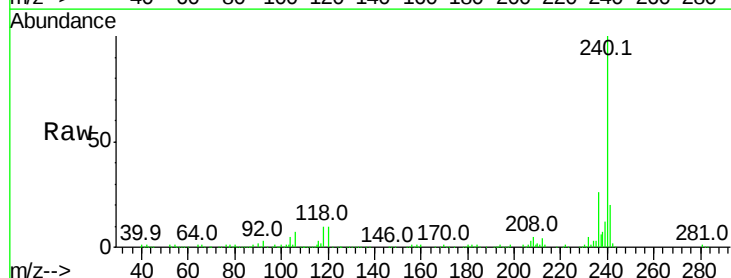
Tgt Ion:240 Resp: 239938

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

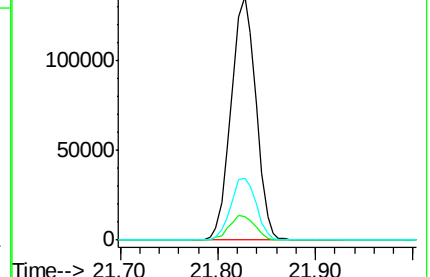
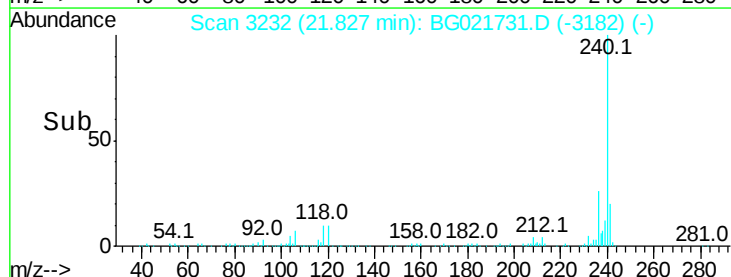
236 25.6 19.6 29.4

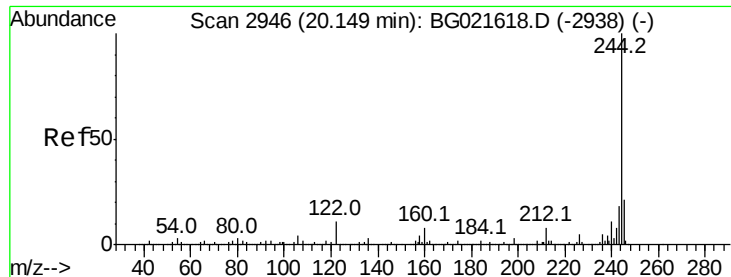


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.32 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021731.D

Acq: 18 Apr 2016 9:08

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-2(0-18FT)

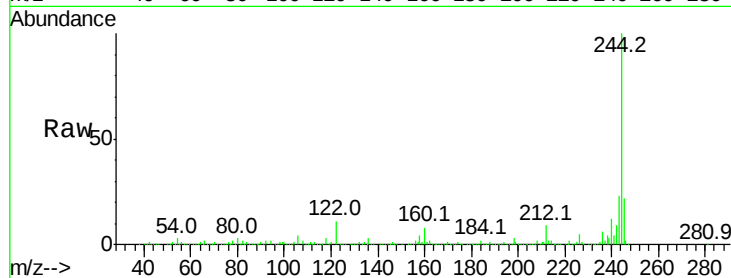
Tot Ion:244 Resp: 974249

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

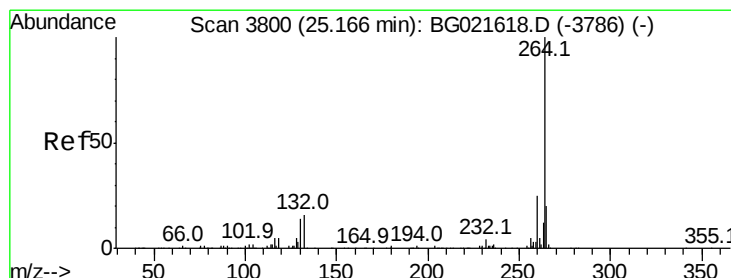
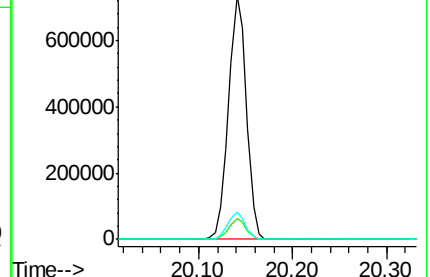
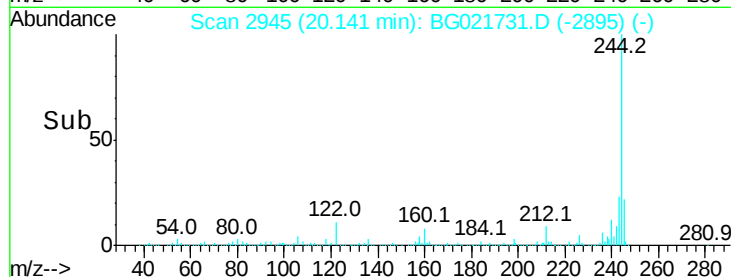
122 11.0 8.6 12.8



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: 25.16 min Scan# 3799

Delta R.T. -0.01 min

Lab File: BG021731.D

Acq: 18 Apr 2016 9:08

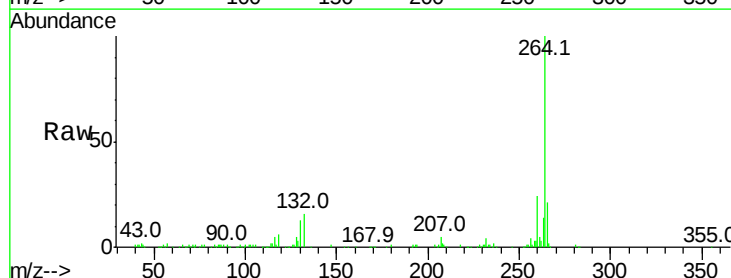
Tgt Ion:264 Resp: 224911

Ion Ratio Lower Upper

264 100

260 23.8 20.2 30.4

265 21.1 17.8 26.8



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

