

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG031005.D
 Acq On : 14 Nov 2017 11:35
 Operator : SJ/JU
 Sample : I6441-19
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Nov 14 15:17:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

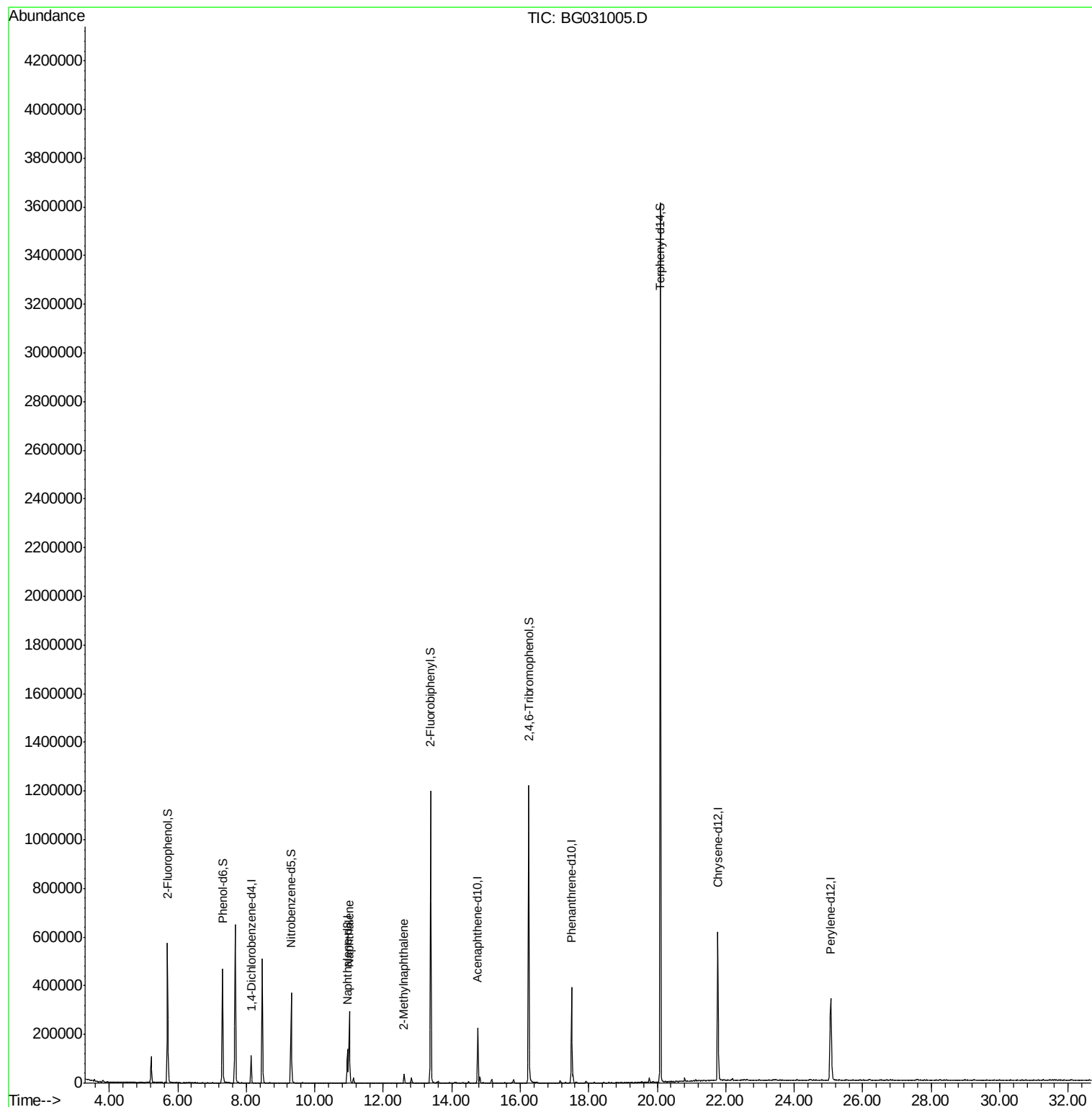
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33542	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	134170	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	89960	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	274324	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	431053	20.00	ng	-0.02
86) Perylene-d12	25.07	264	432305	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	268949	137.49	ng	0.00
7) Phenol-d6	7.31	99	292469	110.98	ng	0.00
23) Nitrobenzene-d5	9.31	82	240146	106.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	294775	202.56	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	697679	111.44	ng	-0.02
78) Terphenyl-d14	20.09	244	1827406	93.61	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	268943	40.776	ng	97
37) 2-Methylnaphthalene	12.61	142	21653	4.253	ng	87

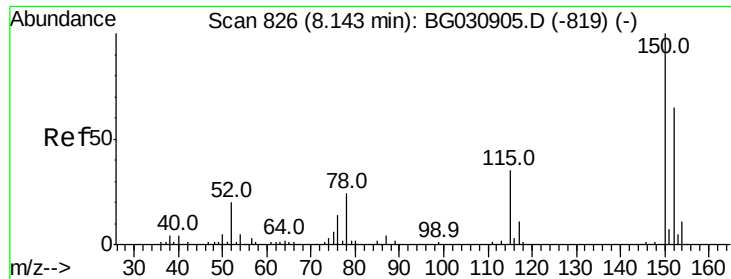
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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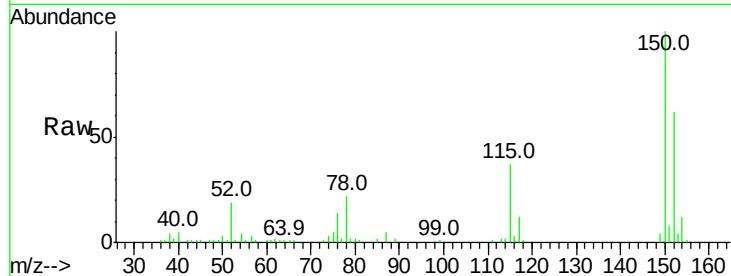


#1

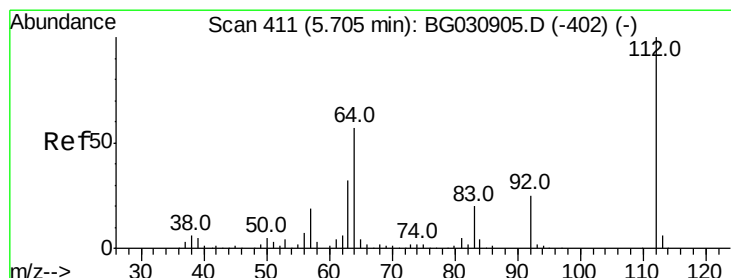
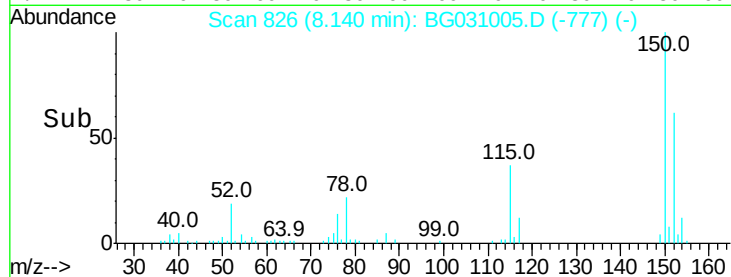
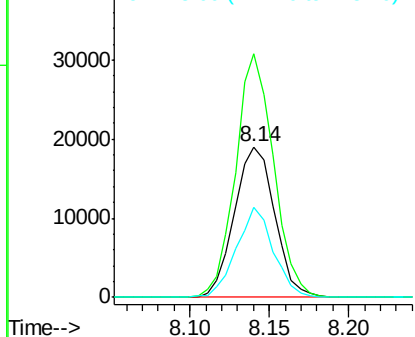
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tot Ion:152 Resp: 33542
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.6 189.8
 115 59.7 53.0 79.4



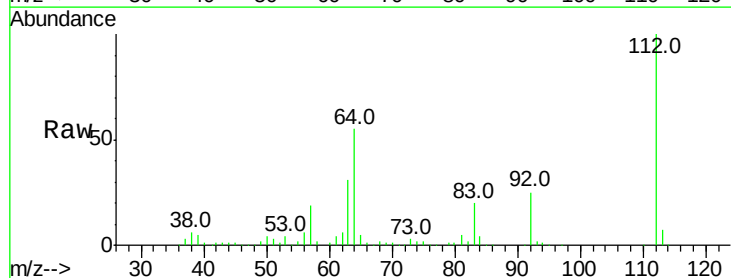
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



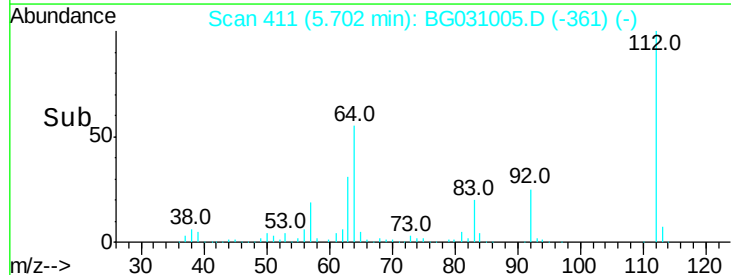
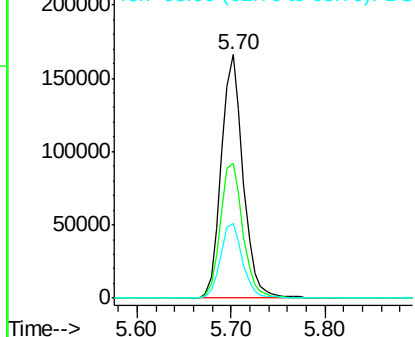
#5

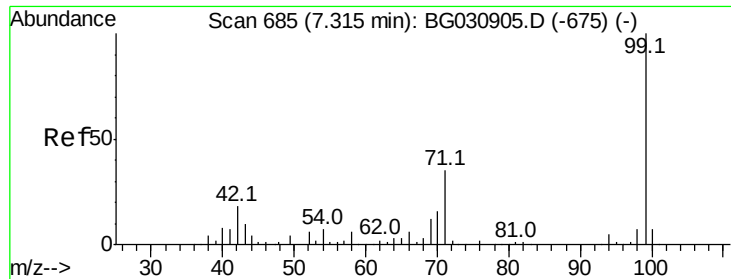
2-Fluorophenol
 Concen: 137.494 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Tgt Ion:112 Resp: 268949
 Ion Ratio Lower Upper
 112 100
 64 55.3 56.3 84.5#
 63 30.8 30.1 45.1



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: 110.983 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031005.D

Acq: 14 Nov 2017 11:35

Instrument :

BNA_G

ClientSampleId :

TP-8

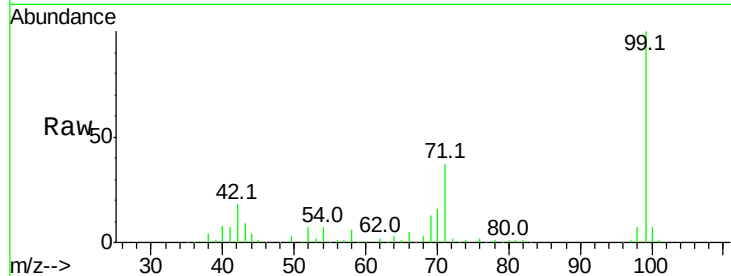
Tot Ion: 99 Resp: 292469

Ion Ratio Lower Upper

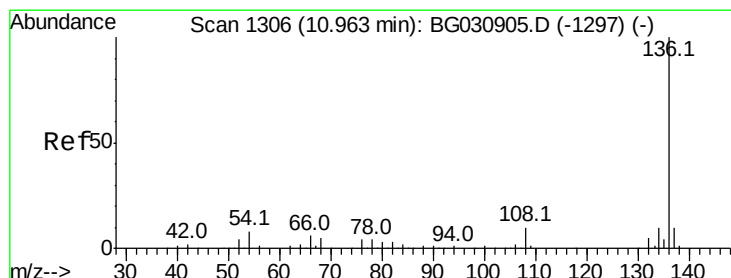
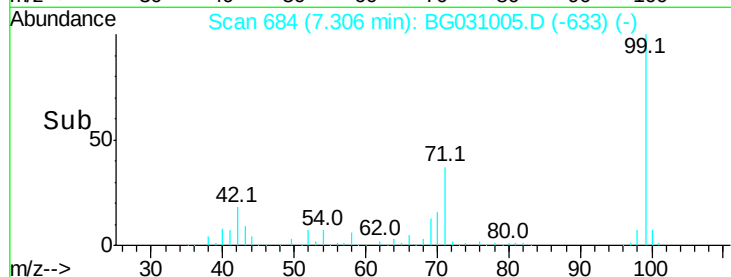
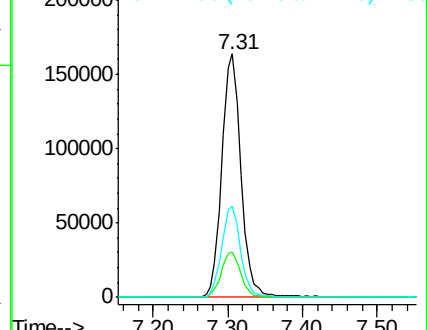
99 100

42 18.5 14.1 21.1

71 37.3 26.1 39.1



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: 20.000 ng

RT: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031005.D

Acq: 14 Nov 2017 11:35

Tgt Ion: 136 Resp: 134170

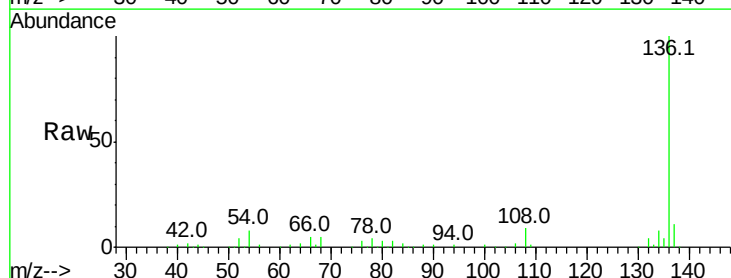
Ion Ratio Lower Upper

136 100

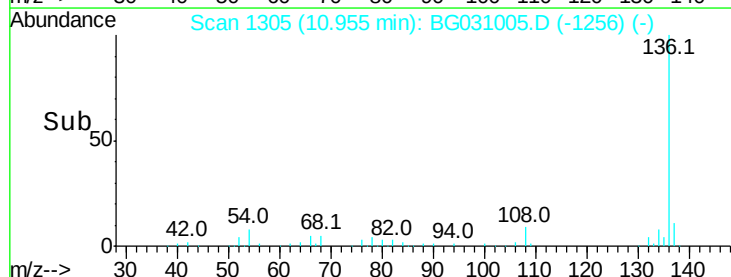
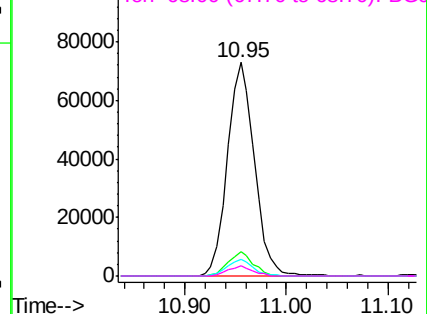
137 11.2 9.2 13.8

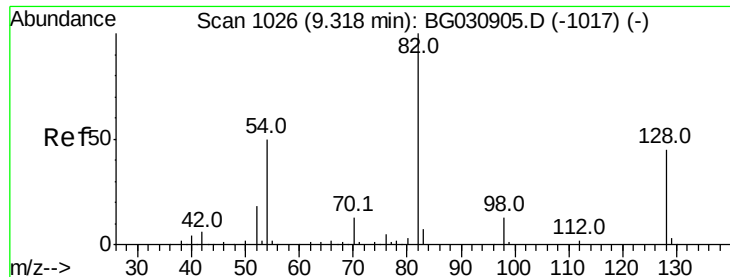
54 7.7 10.3 15.5#

68 4.6 4.5 6.7



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

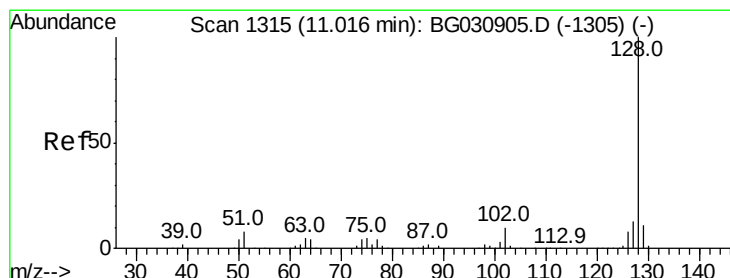
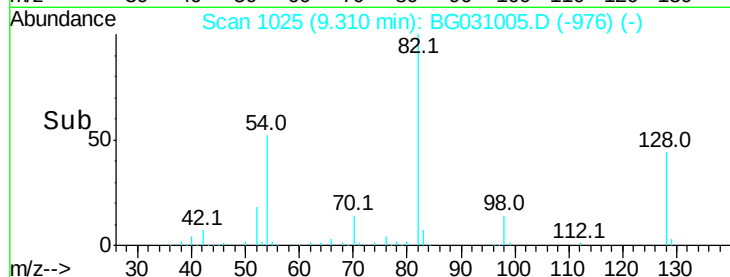
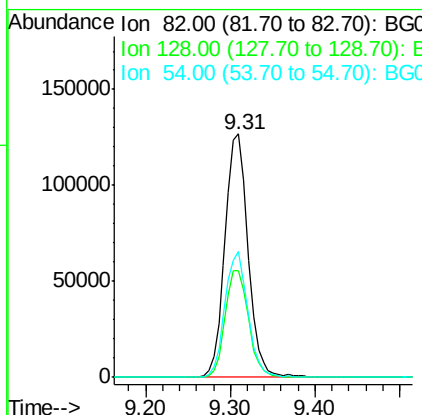
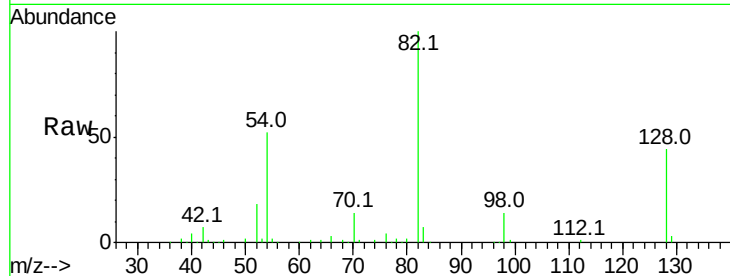




#23
 Nitrobenzene-d5
 Concen: 106.061 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

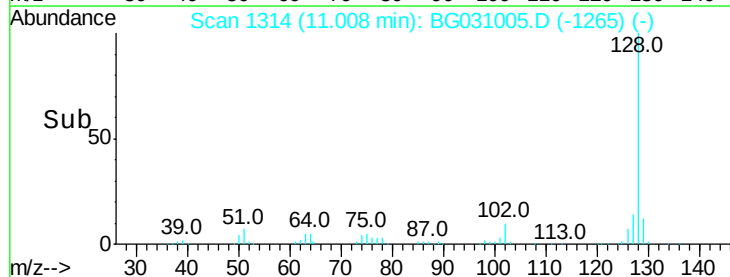
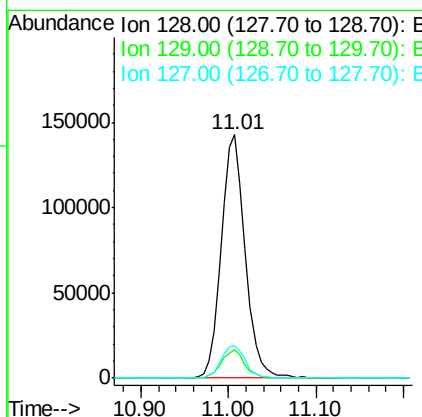
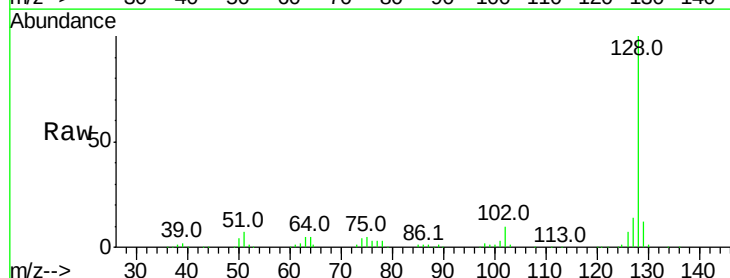
Instrument :
 BNA_G
 ClientSampleId :
 TP-8

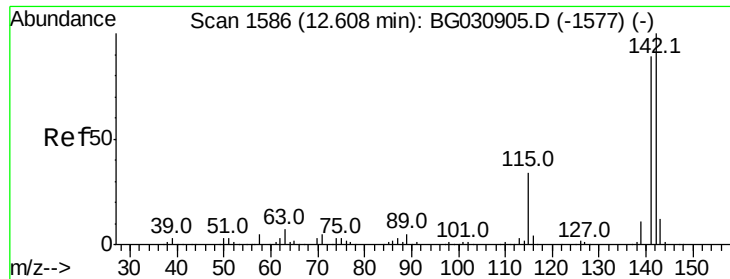
Tot Ion	82	Resp	240146
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
54	51.7	43.1	64.7



#31
 Naphthalene
 Concen: 40.776 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Tgt Ion	128	Resp	268943
Ion Ratio	100		
Lower	8.6		
Upper	12.8		
129	11.9	11.6	17.4
127	13.6		

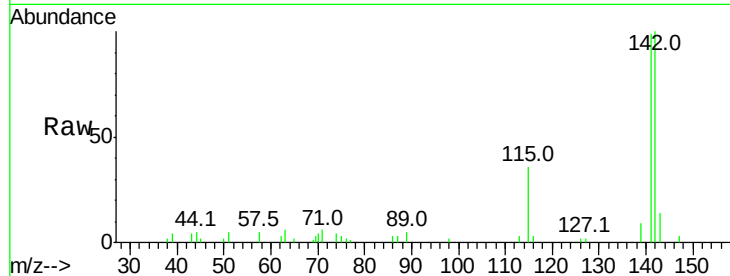




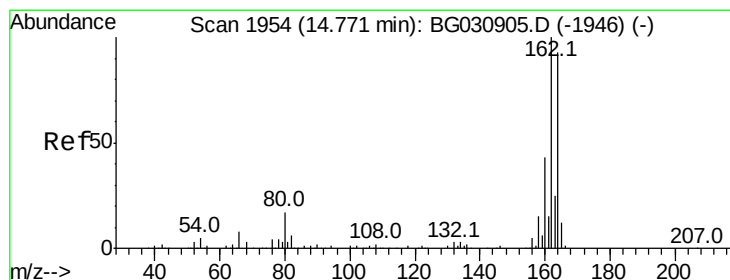
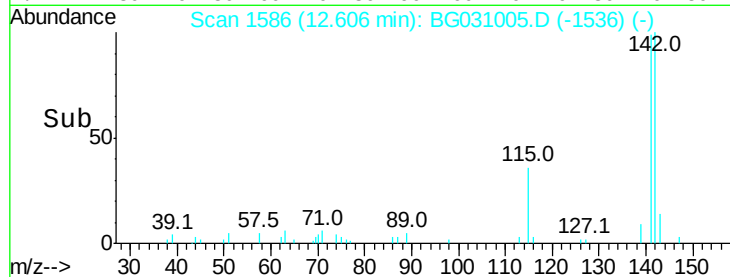
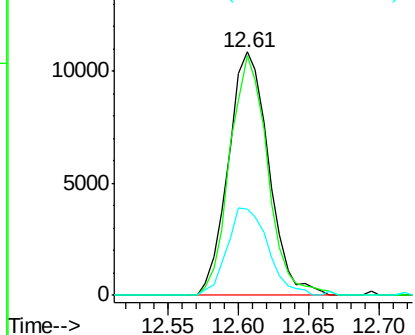
#37
 2-Methylnaphthalene
 Concen: 4.253 ng
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tot Ion:142 Resp: 21653
 Ion Ratio Lower Upper
 142 100
 141 98.6 67.1 100.7
 115 35.5 30.7 46.1

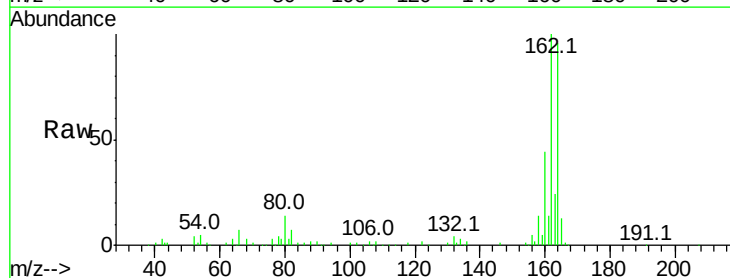


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

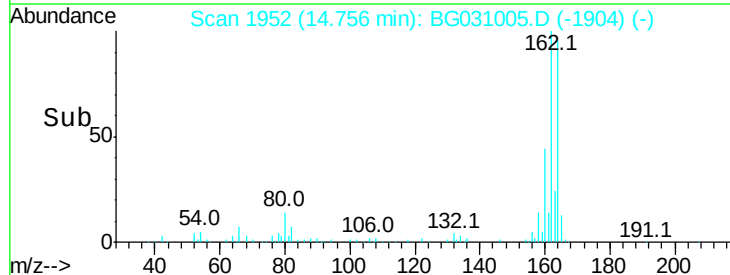
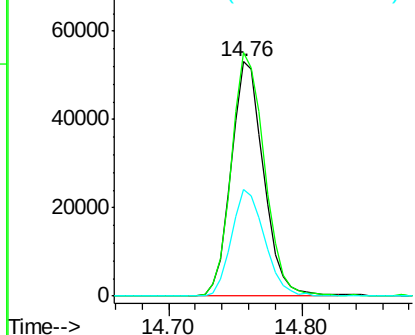


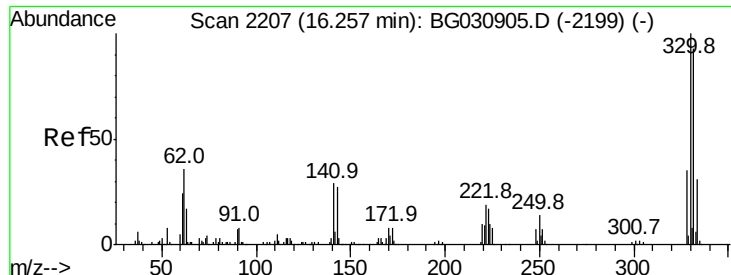
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Tgt Ion:164 Resp: 89960
 Ion Ratio Lower Upper
 164 100
 162 103.8 78.8 118.2
 160 45.7 35.4 53.0



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

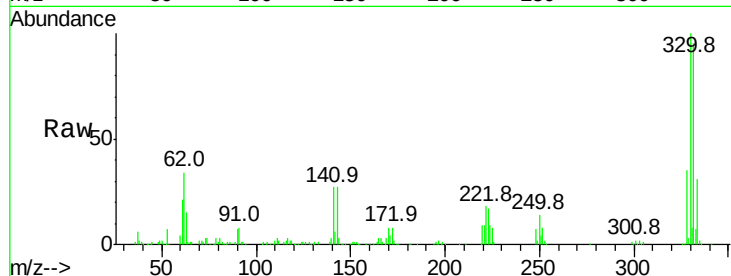




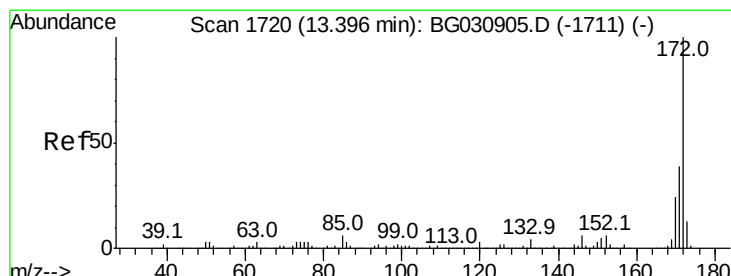
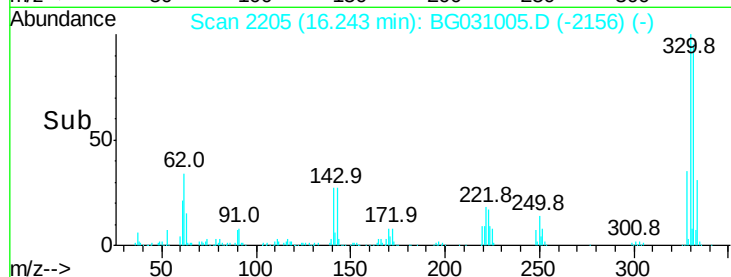
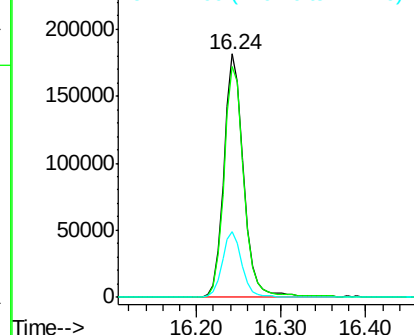
#41
 2,4,6-Tribromophenol
 Concen: 202.558 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Instrument :
 BNA_G
 ClientSampled :
 TP-8

Tot Ion:330 Resp: 294775
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 27.1 25.2 37.8

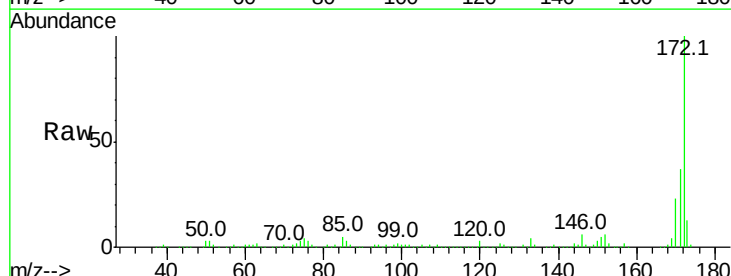


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

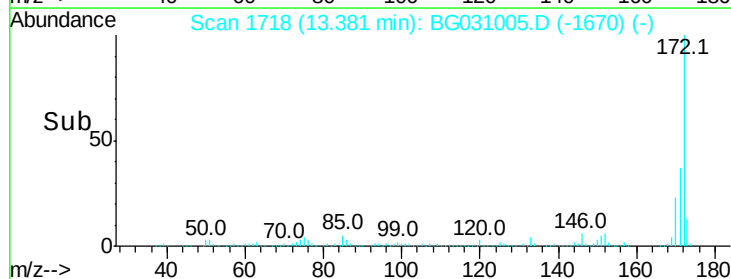
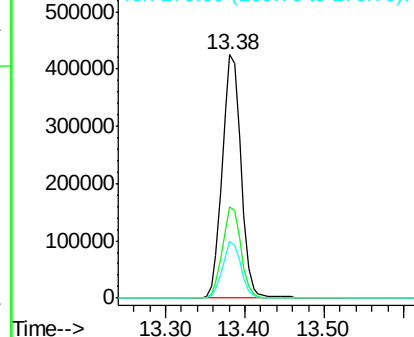


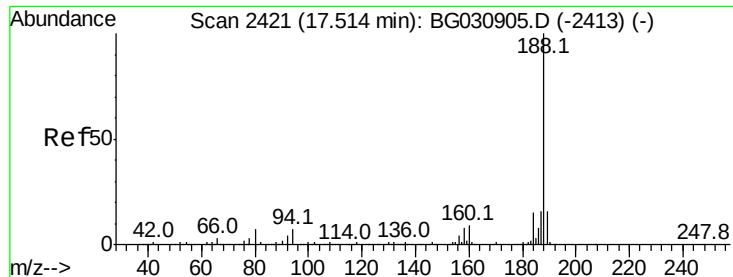
#44
 2-Fluorobiphenyl
 Concen: 111.437 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Tgt Ion:172 Resp: 697679
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.2 19.5 29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031005.D

Acq: 14 Nov 2017 11:35

Instrument :

BNA_G

ClientSampled :

TP-8

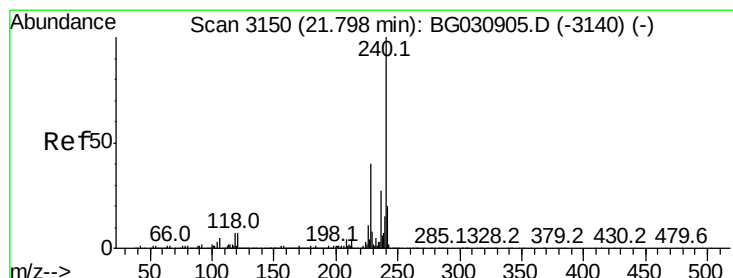
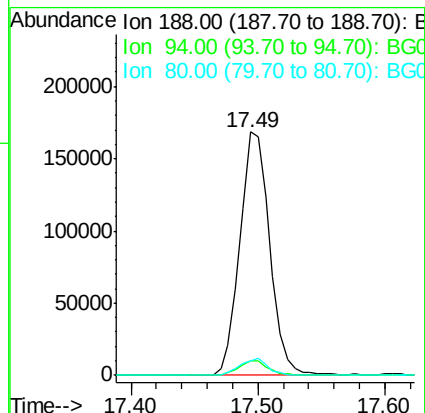
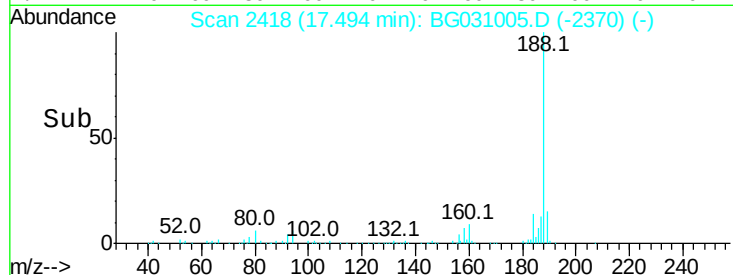
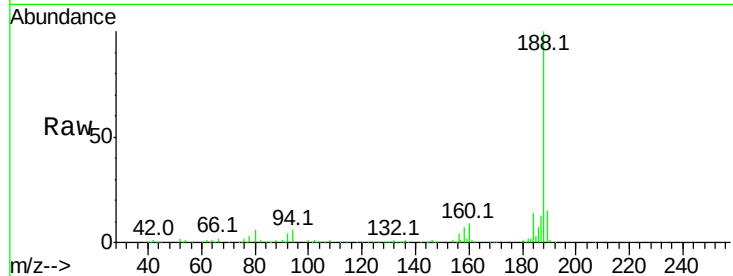
Tot Ion:188 Resp: 274324

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

80 6.0 7.7 11.5#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031005.D

Acq: 14 Nov 2017 11:35

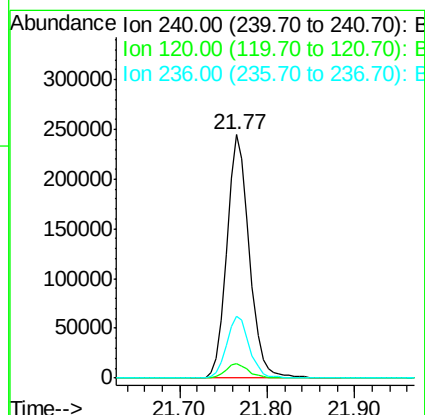
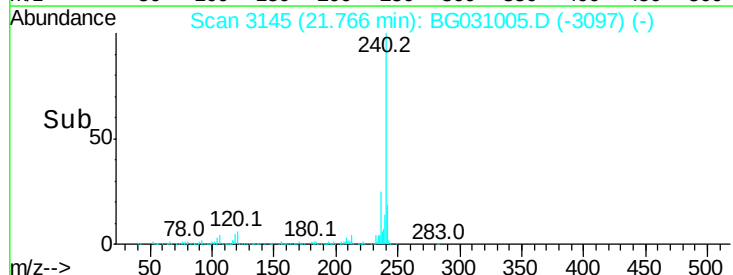
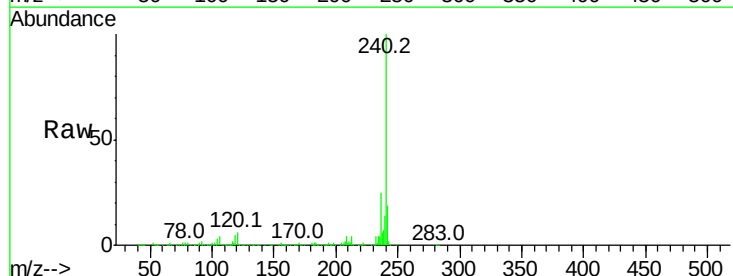
Tgt Ion:240 Resp: 431053

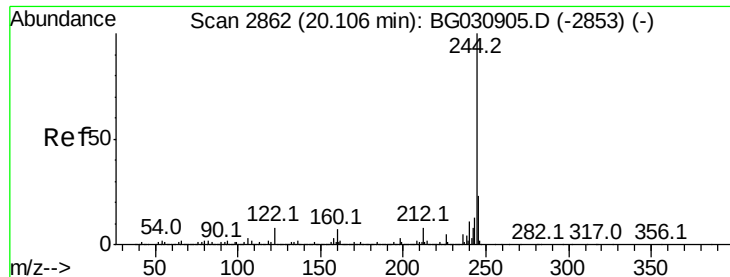
Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 93.610 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031005.D

Acq: 14 Nov 2017 11:35

Instrument :

BNA_G

ClientSampleId :

TP-8

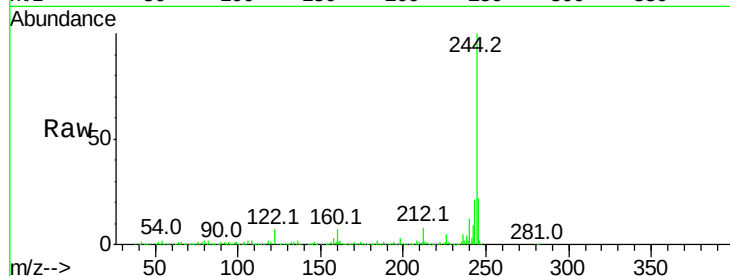
Tot Ion:244 Resp: 1827406

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

122 6.7 7.0 10.4#

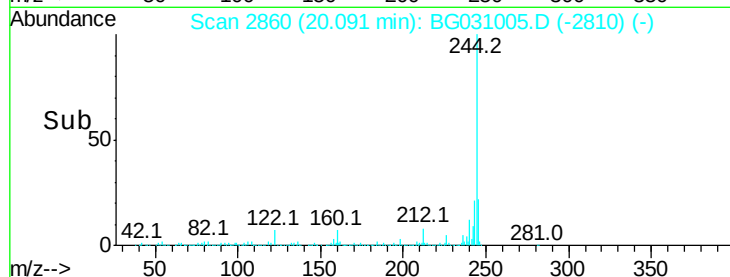


Abundance Ion 244.00 (243.70 to 244.70): E

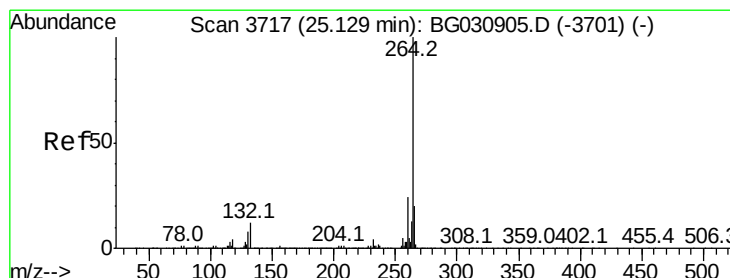
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031005.D

Acq: 14 Nov 2017 11:35

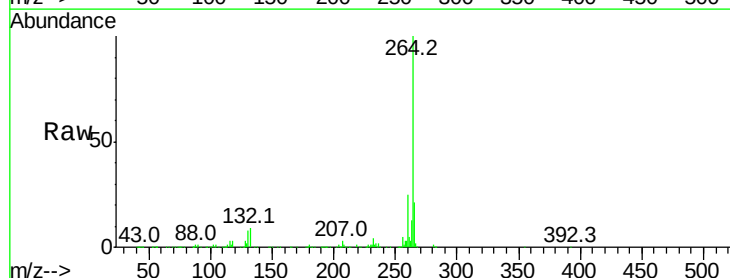
Tgt Ion:264 Resp: 432305

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.4 17.7 26.5

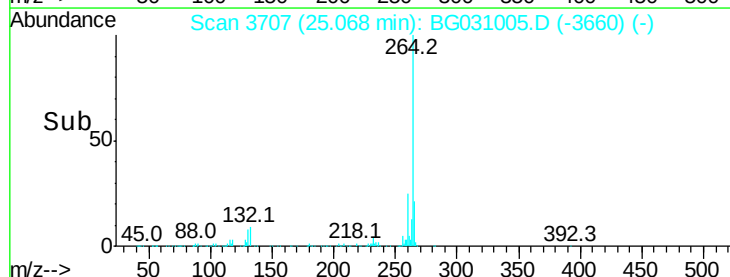


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->