

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029395.D
 Acq On : 21 Oct 2017 17:22
 Operator : SJ/JU
 Sample : I5993-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-101917-LIQUID

Quant Time: Oct 21 23:16:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

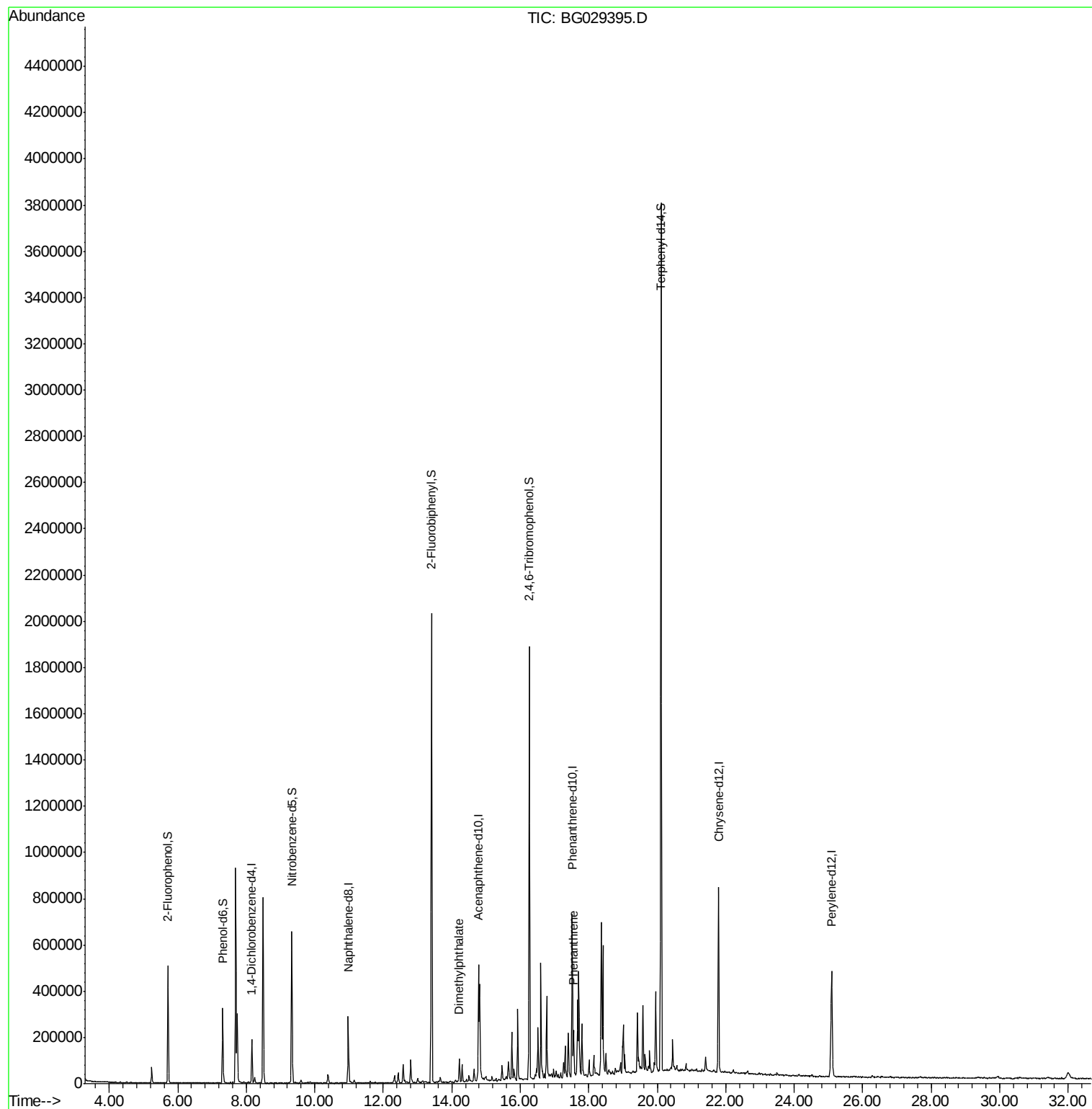
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	53670	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	250671	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	172255	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	428069	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	485413	20.00	ng	-0.01
86) Perylene-d12	25.09	264	507190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	224659	69.93	ng	0.00
7) Phenol-d6	7.31	99	192408	42.67	ng	-0.01
23) Nitrobenzene-d5	9.33	82	392861	99.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	383424	172.40	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1105922	94.16	ng	0.00
78) Terphenyl-d14	20.11	244	1753599	82.18	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.22	163	65757	4.893	ng	98
70) Phenanthrene	17.56	178	85447	3.864	ng	98

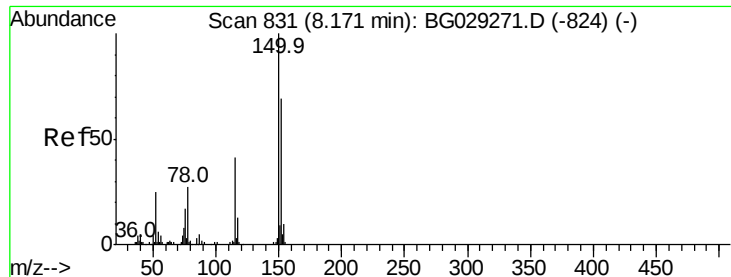
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG029395.D

Acq: 21 Oct 2017 17:22

Instrument :

BNA_G

ClientSampleId :

WC-101917-LIQUID

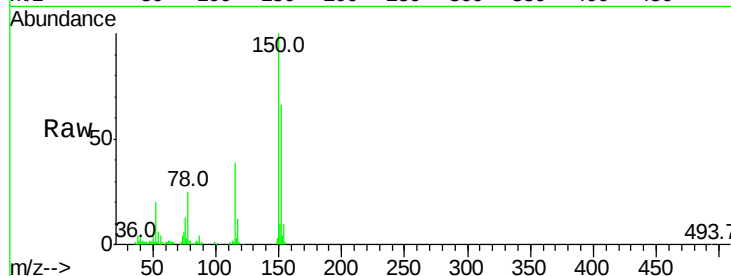
Tot Ion:152 Resp: 53670

Ion Ratio Lower Upper

152 100

150 151.0 126.6 189.8

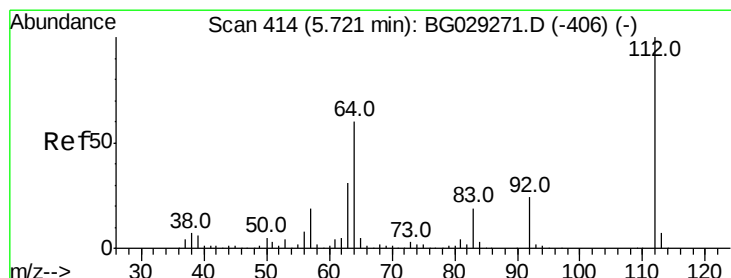
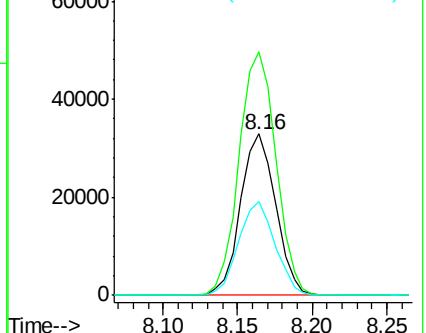
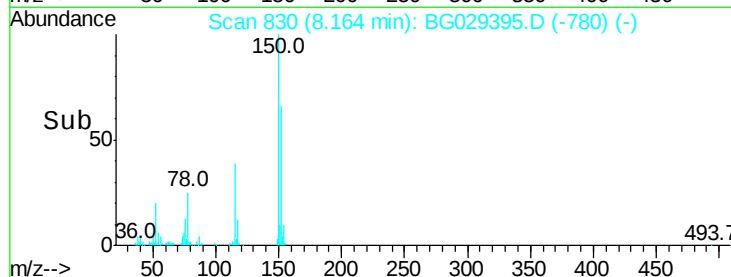
115 58.3 53.0 79.4



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: 69.928 ng

RT: 5.71 min Scan# 413

Delta R.T. -0.01 min

Lab File: BG029395.D

Acq: 21 Oct 2017 17:22

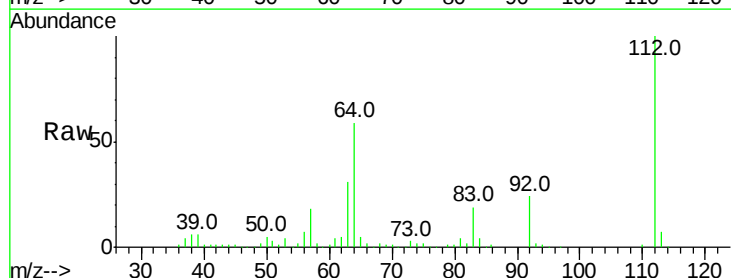
Tgt Ion:112 Resp: 224659

Ion Ratio Lower Upper

112 100

64 59.1 56.3 84.5

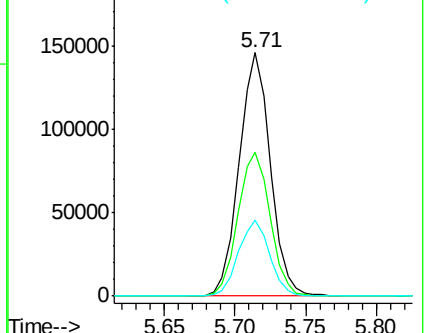
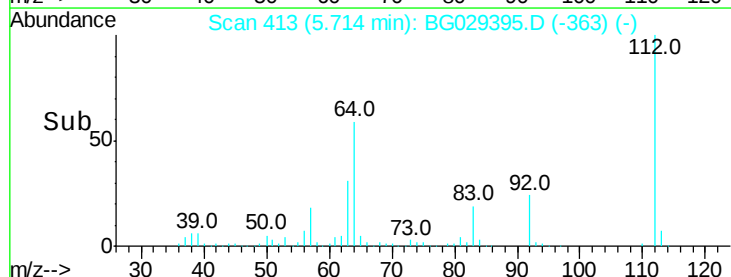
63 31.0 30.1 45.1

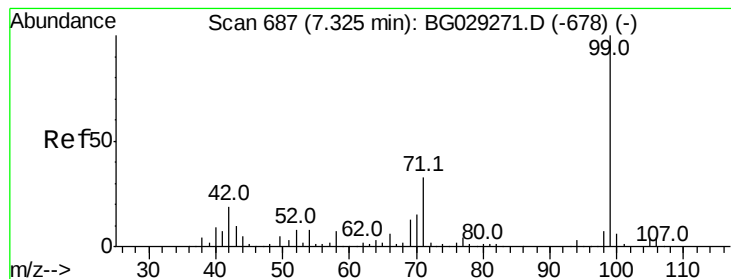


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.667 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029395.D

Acq: 21 Oct 2017 17:22

Instrument :

BNA_G

ClientSampleId :

WC-101917-LIQUID

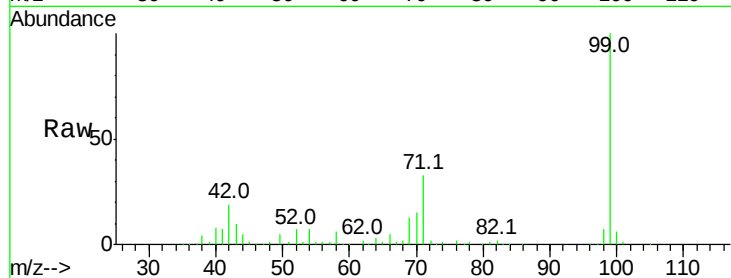
Tot Ion: 99 Resp: 192408

Ion Ratio Lower Upper

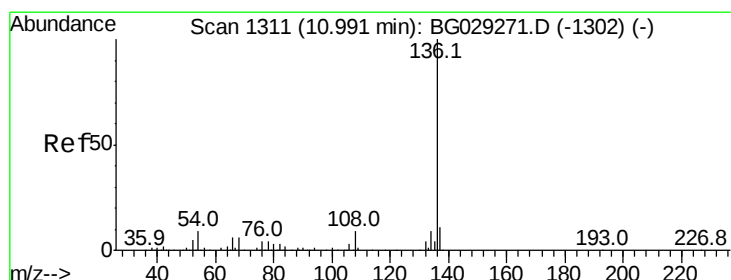
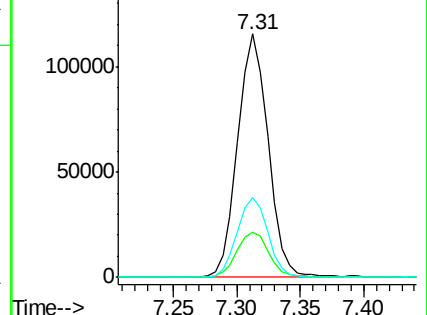
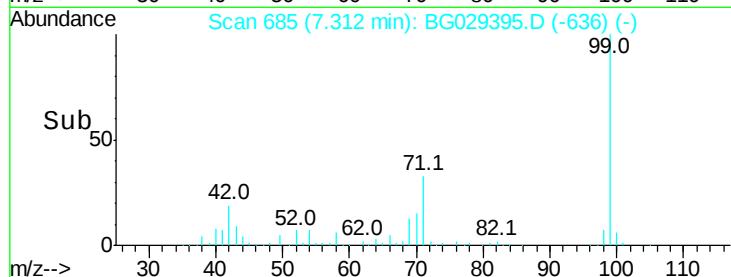
99 100

42 18.7 14.1 21.1

71 32.6 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029395.D

Acq: 21 Oct 2017 17:22

Tgt Ion: 136 Resp: 250671

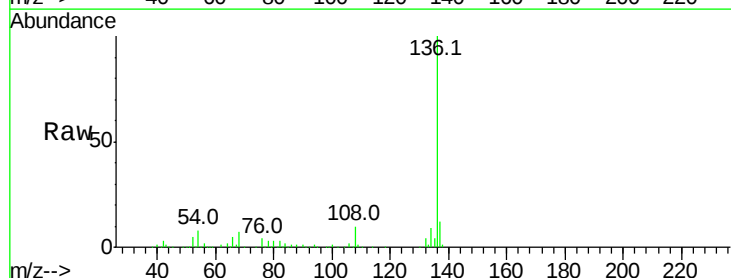
Ion Ratio Lower Upper

136 100

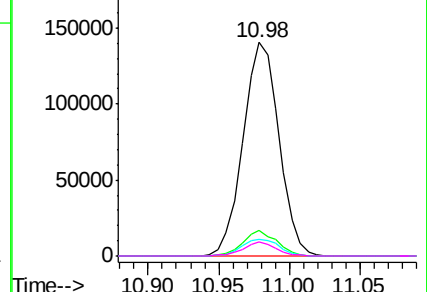
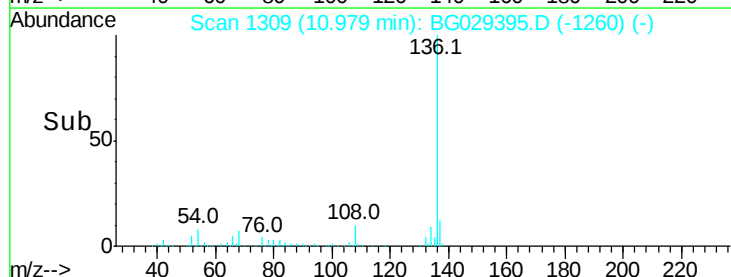
137 12.0 9.2 13.8

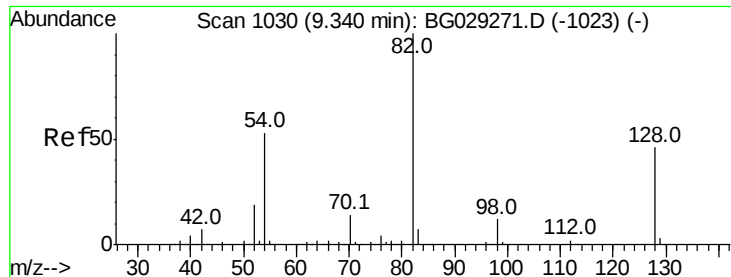
54 7.9 10.3 15.5#

68 6.6 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

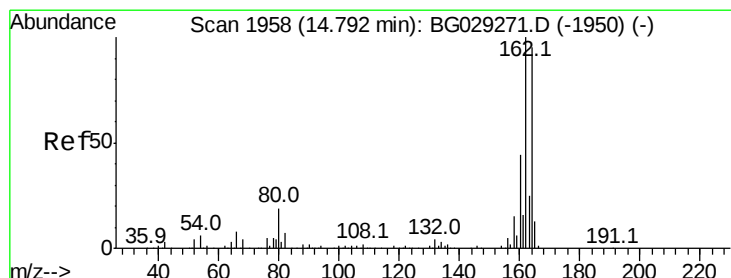
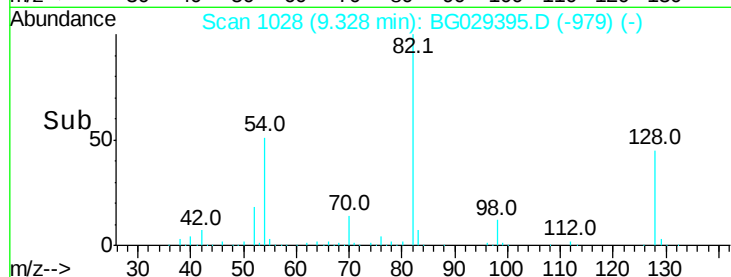
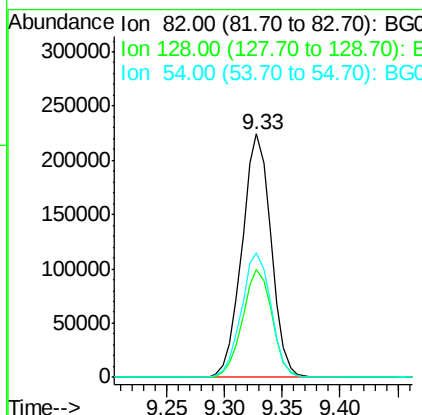
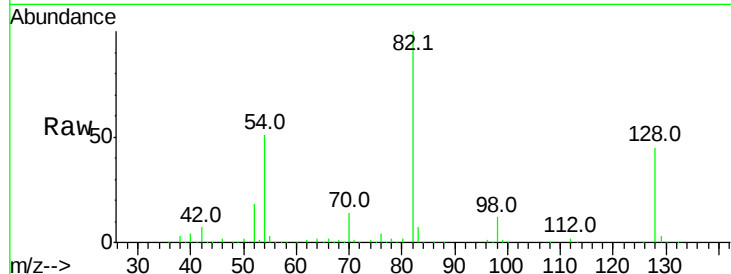




#23
 Nitrobenzene-d5
 Concen: 99.594 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029395.D
 Acq: 21 Oct 2017 17:22

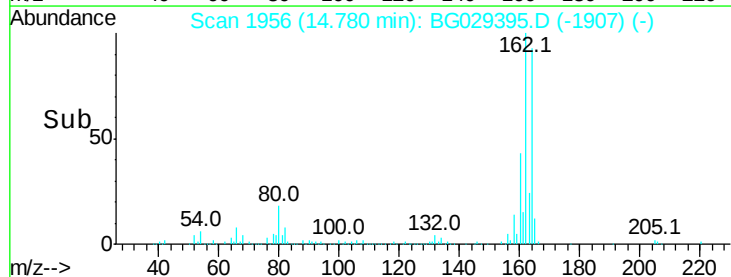
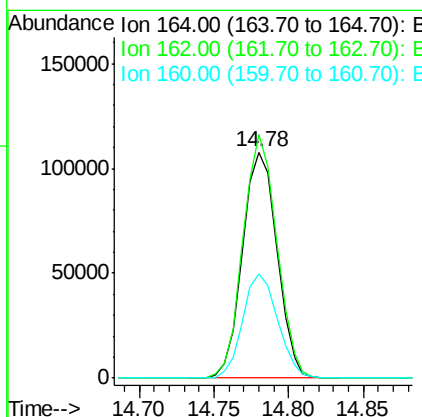
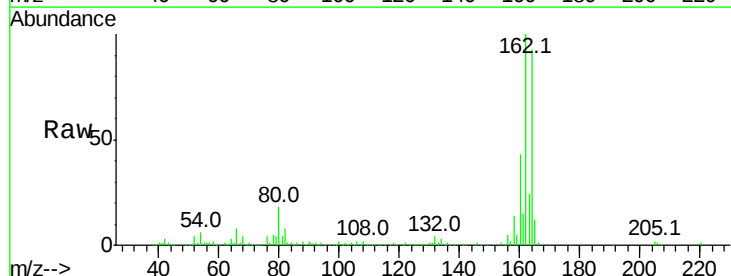
Instrument :
 BNA_G
 ClientSampleId :
 WC-101917-LIQUID

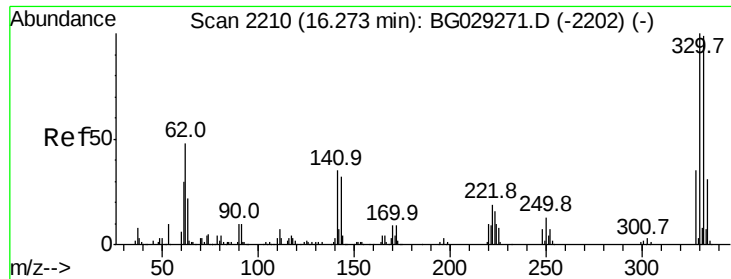
Tot Ion: 82 Resp: 392861
 Ion Ratio Lower Upper
 82 100
 128 44.5 29.7 44.5#
 54 51.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029395.D
 Acq: 21 Oct 2017 17:22

Tgt Ion:164 Resp: 172255
 Ion Ratio Lower Upper
 164 100
 162 107.7 78.8 118.2
 160 46.1 35.4 53.0

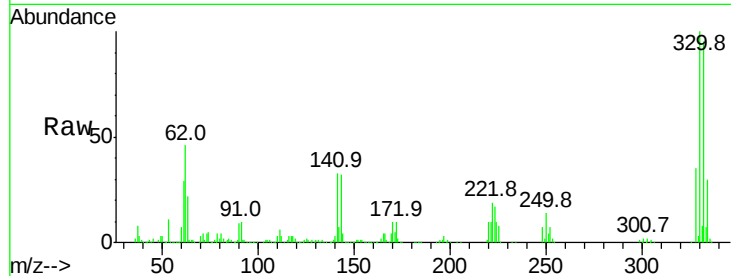




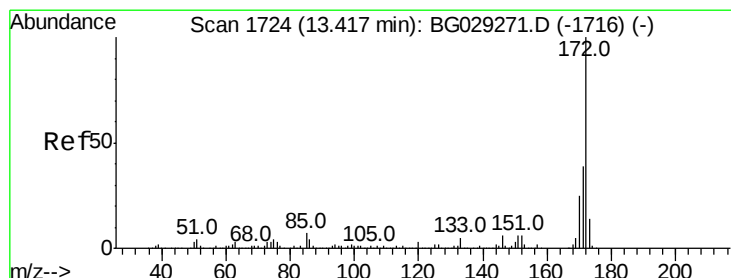
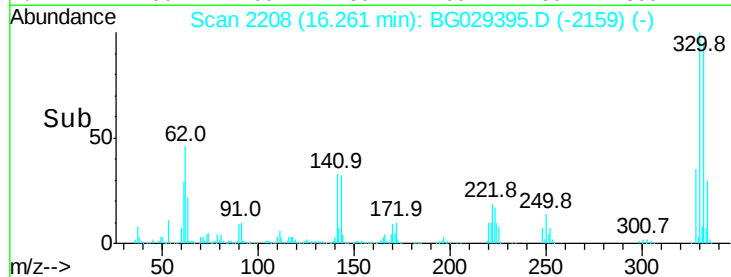
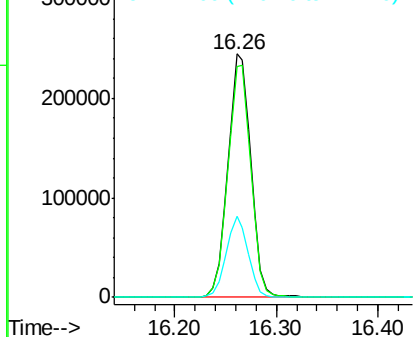
#41
 2,4,6-Tribromophenol
 Concen: 172.404 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029395.D
 Acq: 21 Oct 2017 17:22

Instrument :
 BNA_G
 ClientSampleId :
 WC-101917-LIQUID

Tot Ion:330 Resp: 383424
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 31.9 25.2 37.8

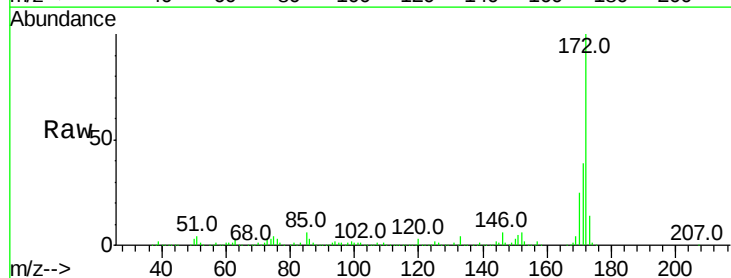


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

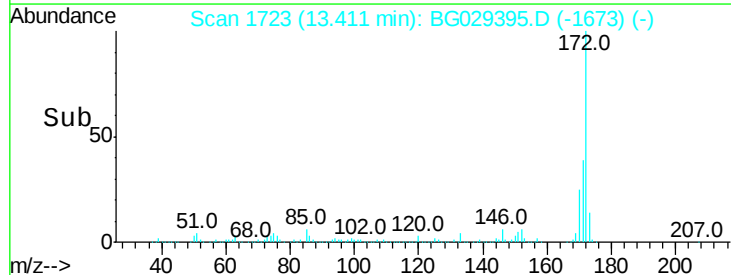
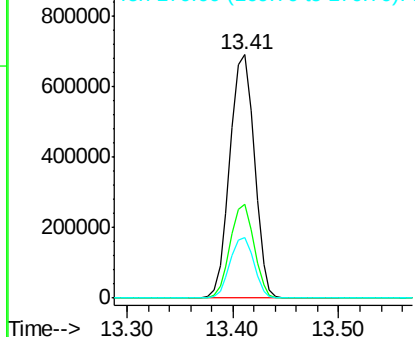


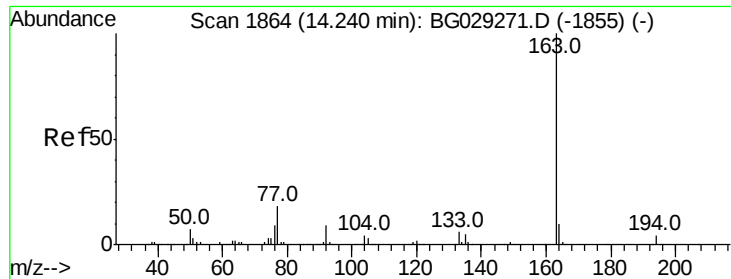
#44
 2-Fluorobiphenyl
 Concen: 94.163 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029395.D
 Acq: 21 Oct 2017 17:22

Tgt Ion:172 Resp: 1105922
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 25.0 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





#49

Dimethylphthalate

Concen: 4.893 ng

RT: 14.22 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BG029395.D

Acq: 21 Oct 2017 17:22

Instrument :

BNA_G

ClientSampleId :

WC-101917-LIQUID

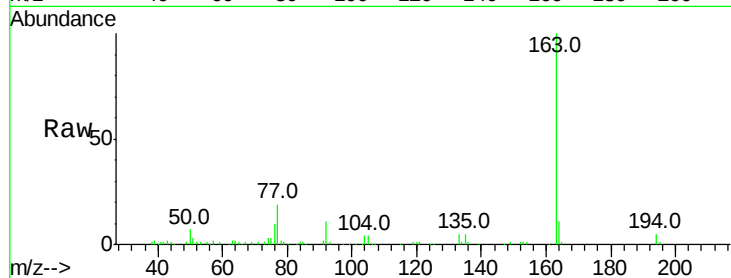
Tot Ion:163 Resp: 65757

Ion Ratio Lower Upper

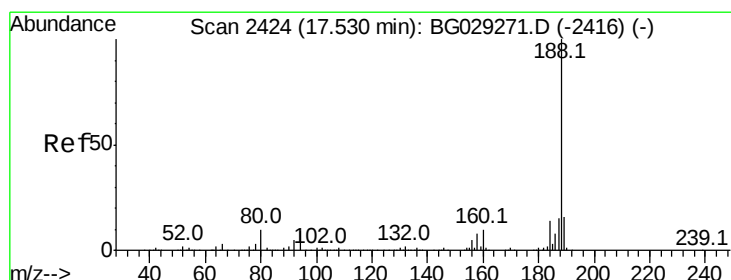
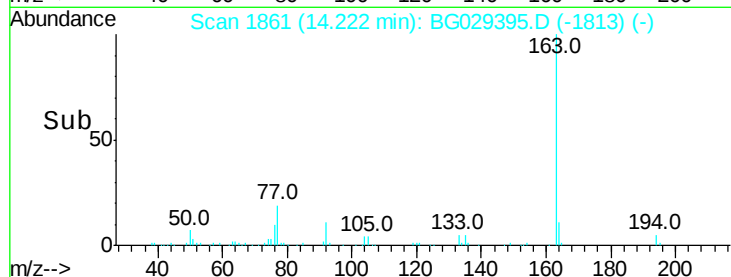
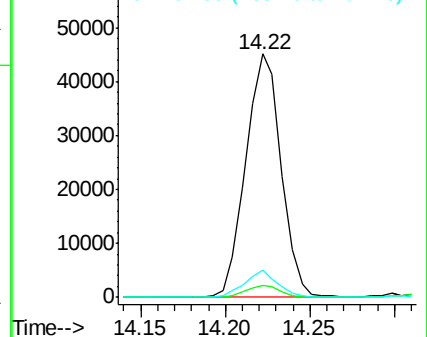
163 100

194 5.0 3.4 5.2

164 11.1 8.2 12.4



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: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG029395.D

Acq: 21 Oct 2017 17:22

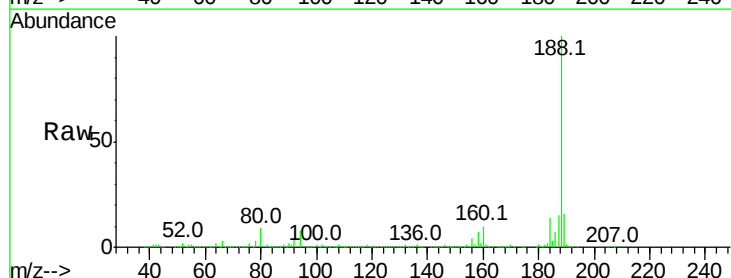
Tgt Ion:188 Resp: 428069

Ion Ratio Lower Upper

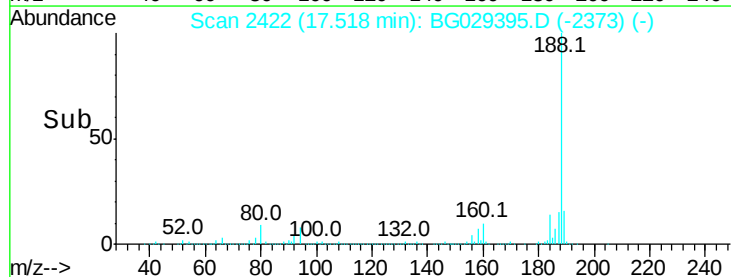
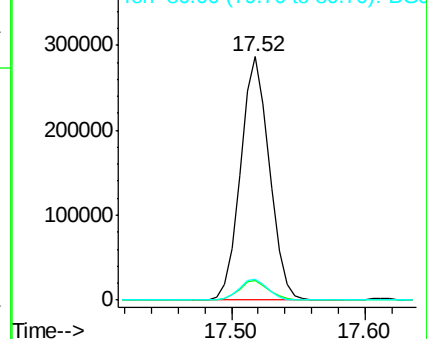
188 100

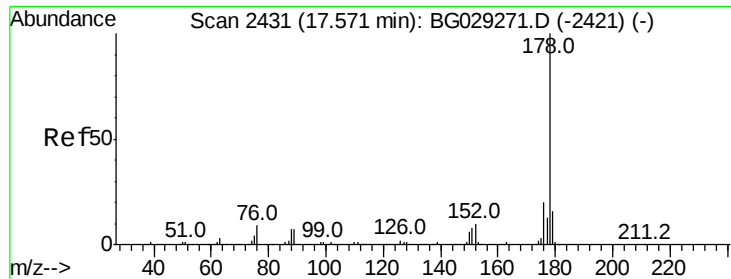
94 7.9 6.9 10.3

80 8.8 7.7 11.5



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





#70

Phenanthrene

Concen: 3.864 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG029395.D

Acq: 21 Oct 2017 17:22

Instrument :

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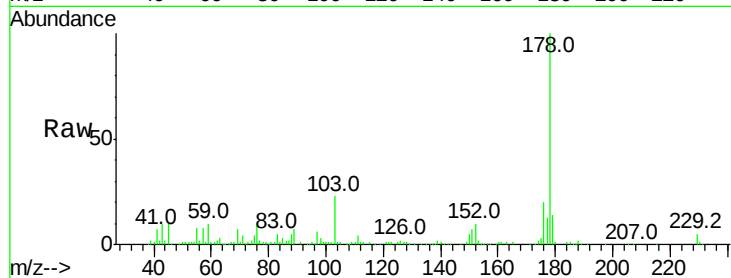
Tot Ion:178 Resp: 85447

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

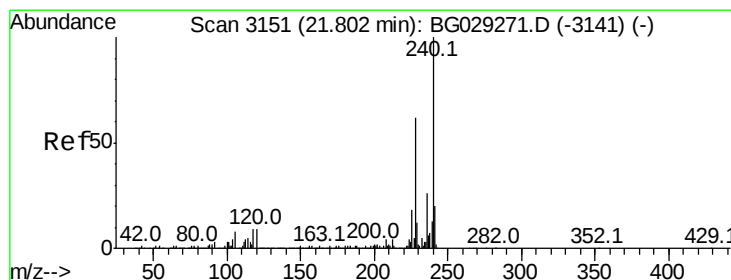
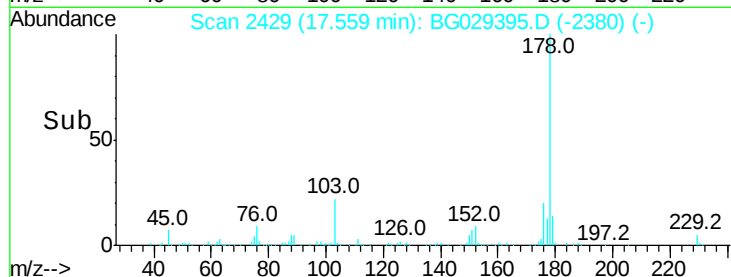
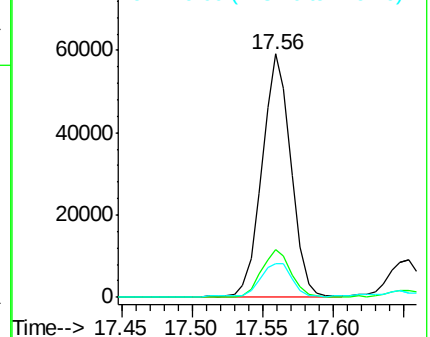
179 13.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029395.D

Acq: 21 Oct 2017 17:22

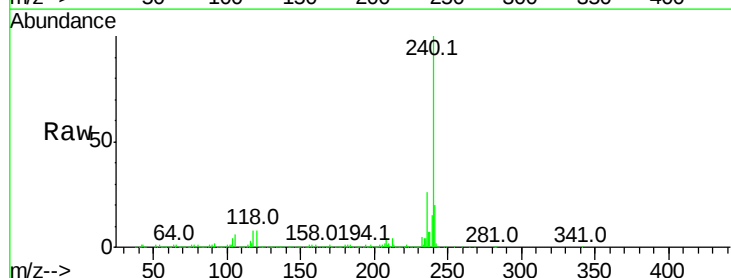
Tgt Ion:240 Resp: 485413

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

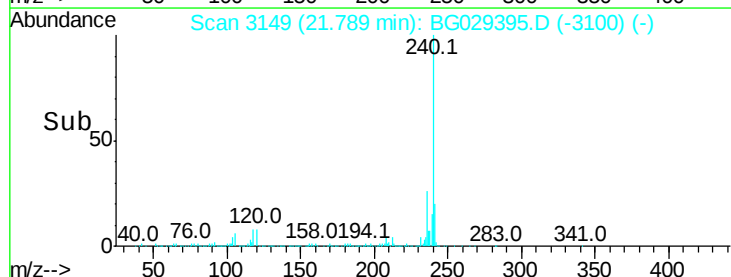
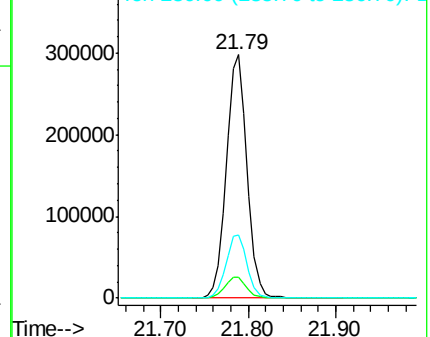
236 25.9 20.9 31.3

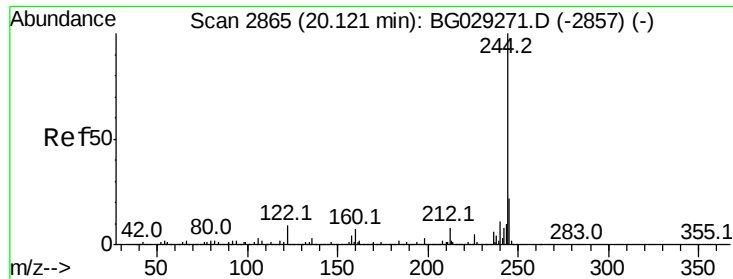


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.184 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029395.D

Acq: 21 Oct 2017 17:22

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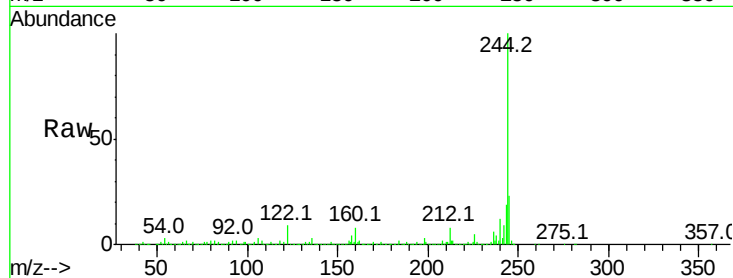
Tot Ion:244 Resp: 1753599

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

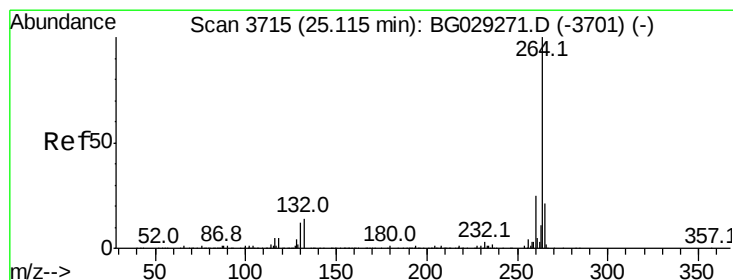
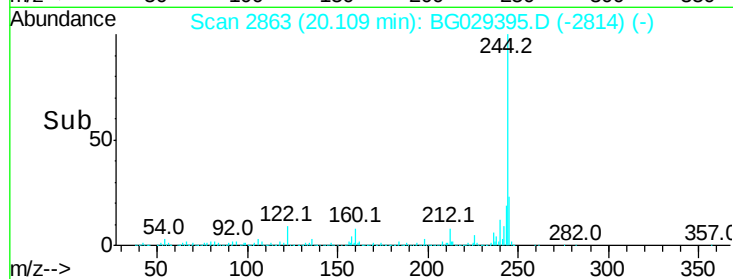
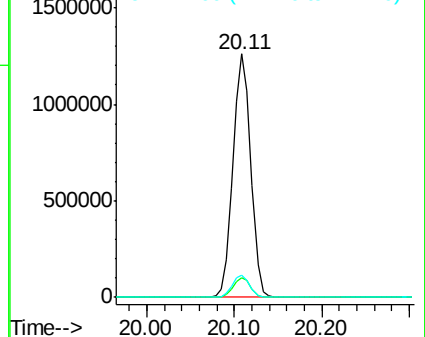
122 9.3 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG029395.D

Acq: 21 Oct 2017 17:22

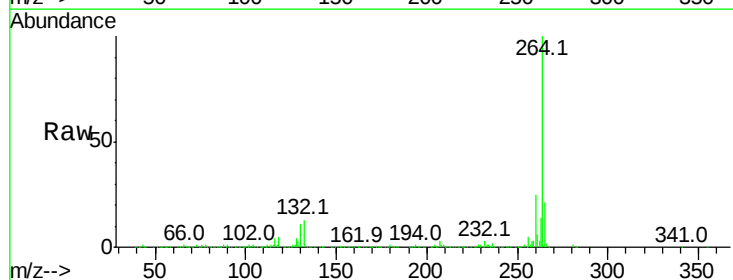
Tgt Ion:264 Resp: 507190

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.3 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

