

Data File : BG030619.D
Acq On : 31 Oct 2017 19:28
Operator : SJ/JU
Sample : I6207-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-04

Quant Time: Nov 01 06:29:17 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	79216	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	376433	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	255877	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	564677	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	589022	20.00	ng	-0.02
86) Perylene-d12	25.09	264	593024	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	541097	114.11	ng	0.00
7) Phenol-d6	7.32	99	762815	114.61	ng	0.00
23) Nitrobenzene-d5	9.32	82	454630	76.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	338060	102.33	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	988600	56.67	ng	-0.02
78) Terphenyl-d14	20.11	244	1426646	55.10	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	40999	5.71	ng	94
49) Dimethylphthalate	14.22	163	253283	12.69	ng	99

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

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SB-04

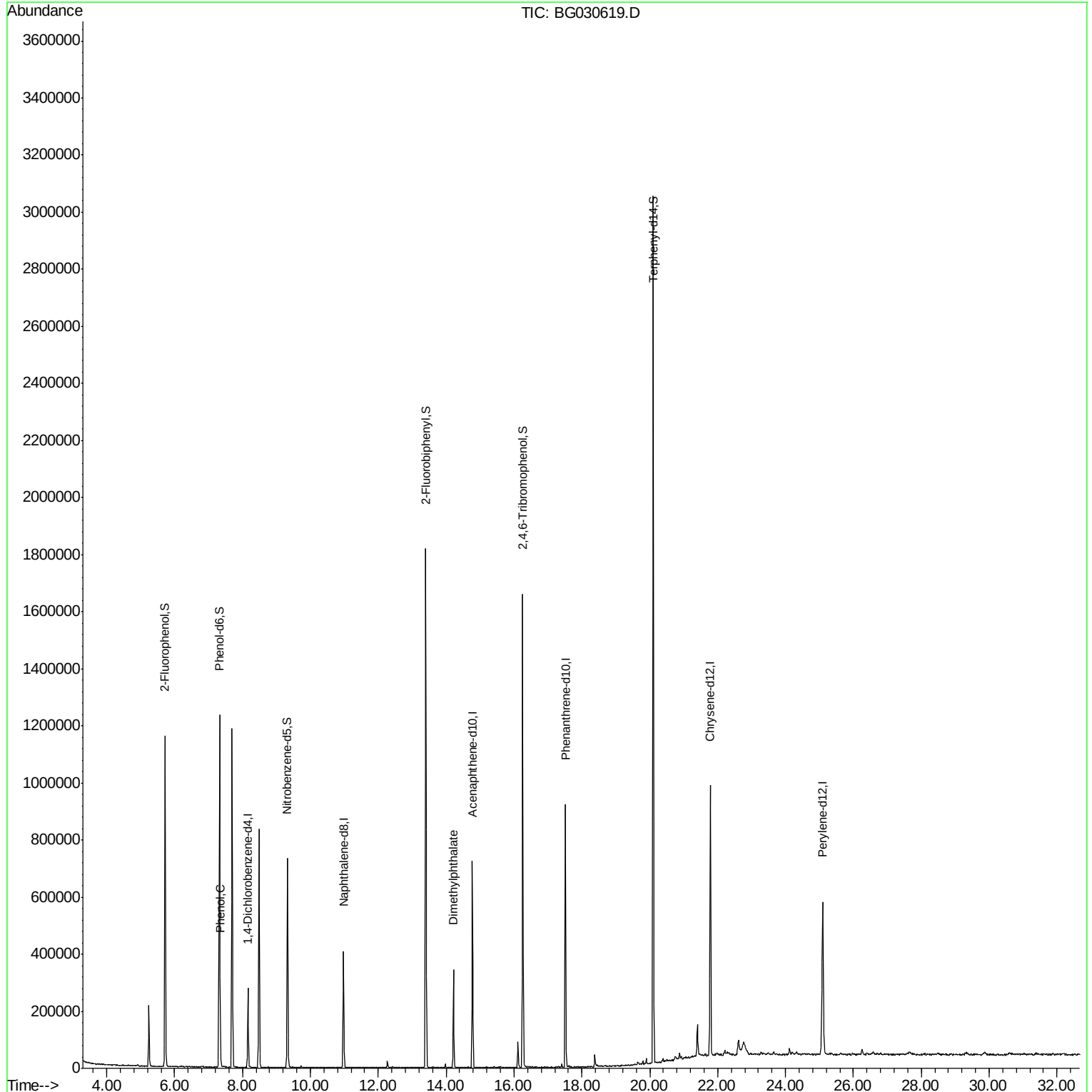
Quant Time: Nov 01 06:29:17 2017

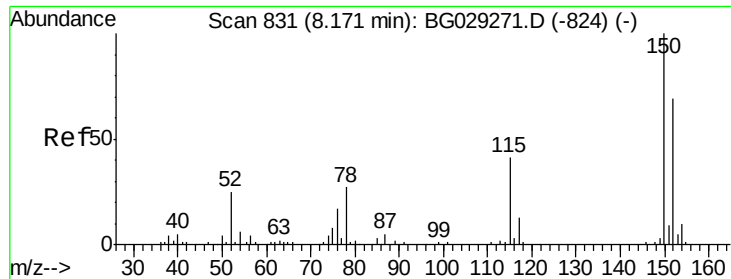
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 16 17:32:15 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG030619.D

Acq: 31 Oct 2017 19:28

Instrument :

BNA_G

ClientSampled :

SB-04

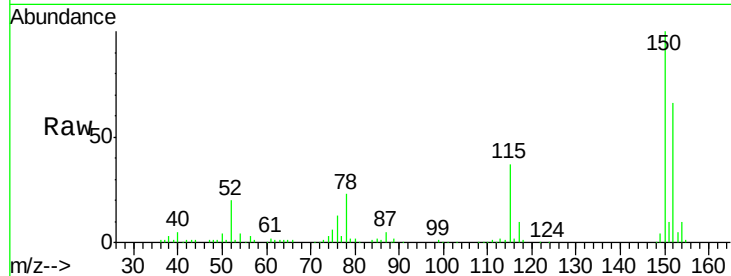
Tgt Ion:152 Resp: 79216

Ion Ratio Lower Upper

152 100

150 150.6 126.6 189.8

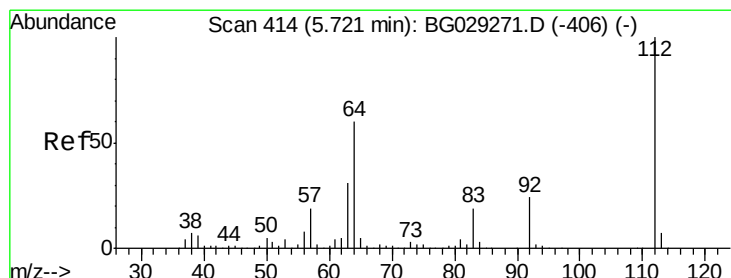
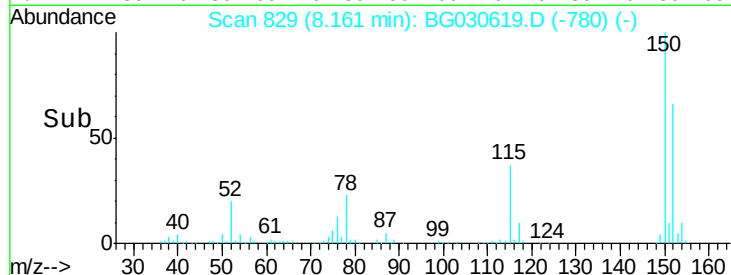
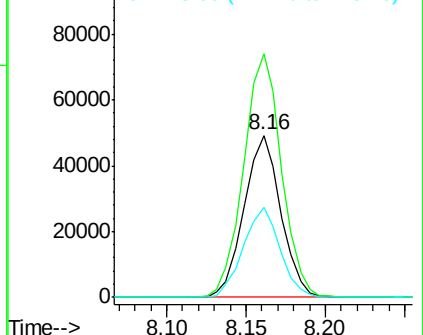
115 56.0 53.0 79.4



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: 114.11 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG030619.D

Acq: 31 Oct 2017 19:28

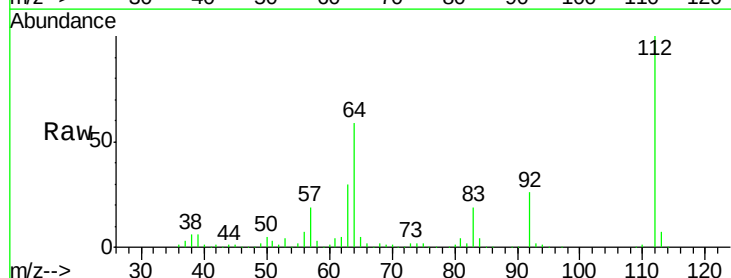
Tgt Ion:112 Resp: 541097

Ion Ratio Lower Upper

112 100

64 58.9 56.3 84.5

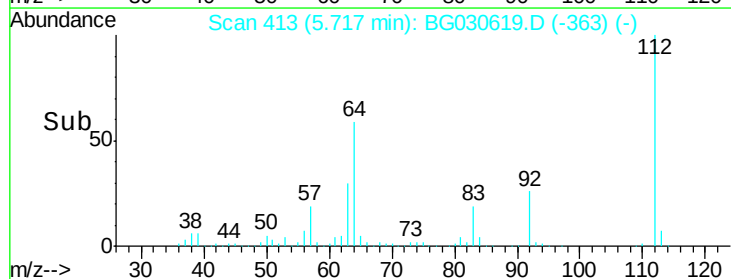
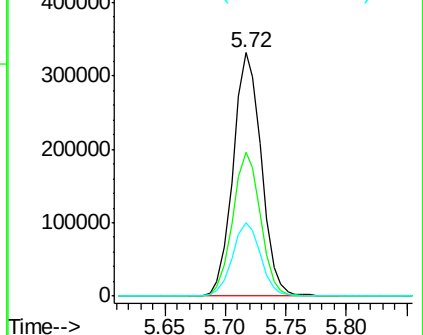
63 30.3 30.1 45.1

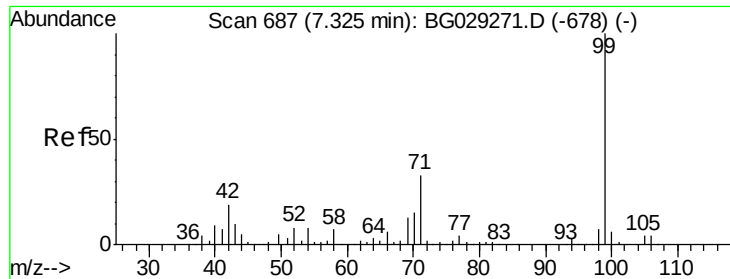


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.61 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030619.D

Acq: 31 Oct 2017 19:28

Instrument :

BNA_G

ClientSampleId :

SB-04

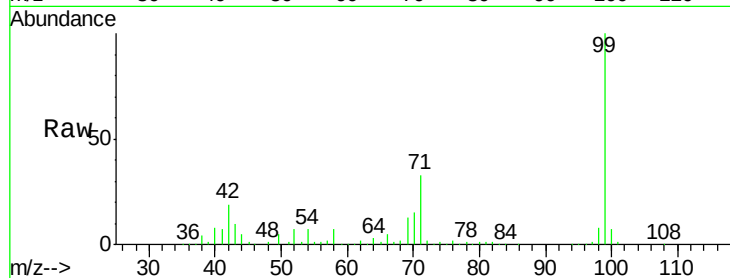
Tgt Ion: 99 Resp: 762815

Ion Ratio Lower Upper

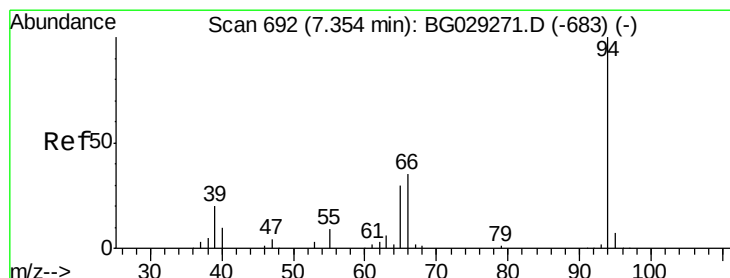
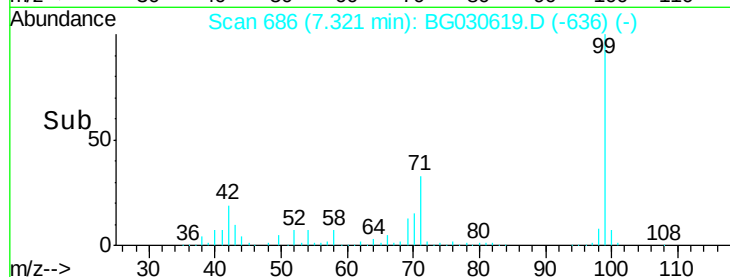
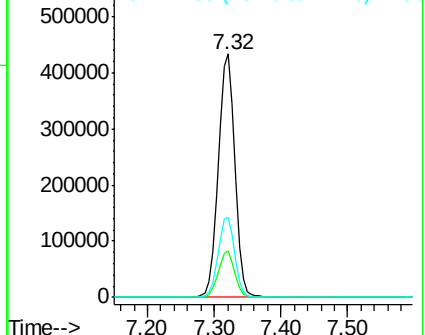
99 100

42 19.0 14.1 21.1

71 33.0 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



#10

Phenol

Concen: 5.71 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030619.D

Acq: 31 Oct 2017 19:28

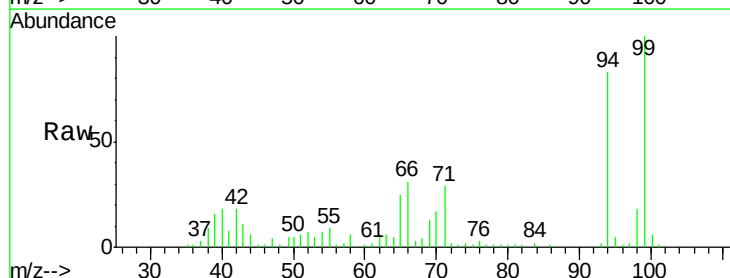
Tgt Ion: 94 Resp: 40999

Ion Ratio Lower Upper

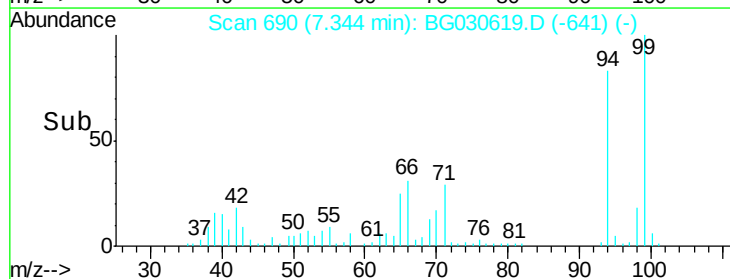
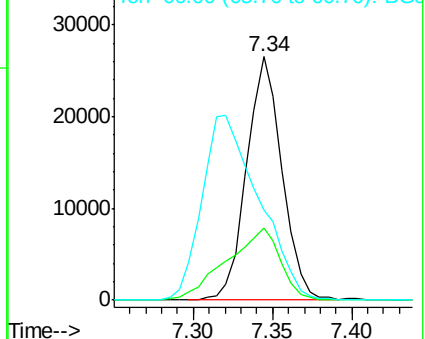
94 100

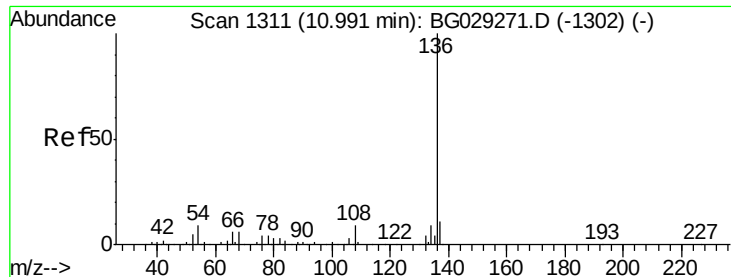
65 29.8 11.9 51.9

66 37.1 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

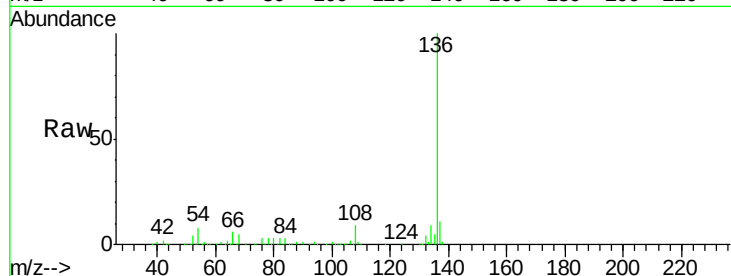




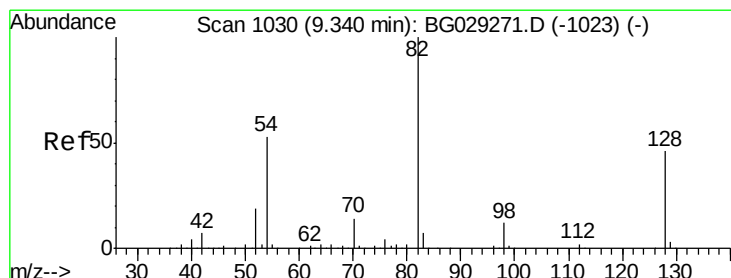
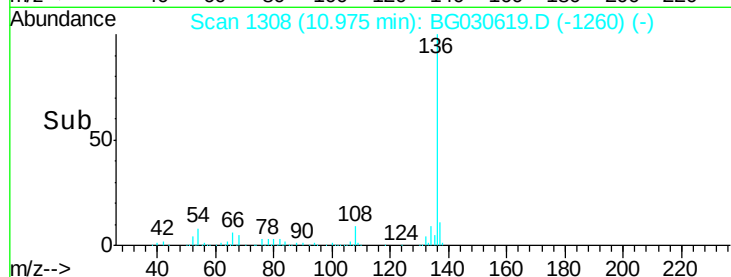
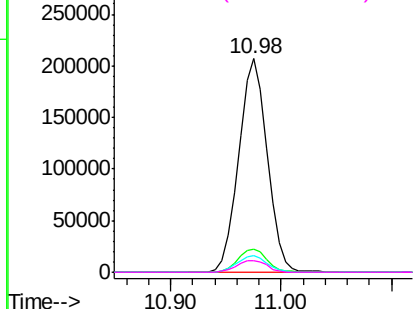
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030619.D
Acq: 31 Oct 2017 19:28

Instrument :
BNA_G
ClientSampleId :
SB-04

Tgt Ion:	136	Resp:	376433
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.7	10.3	15.5#
68	5.5	4.5	6.7

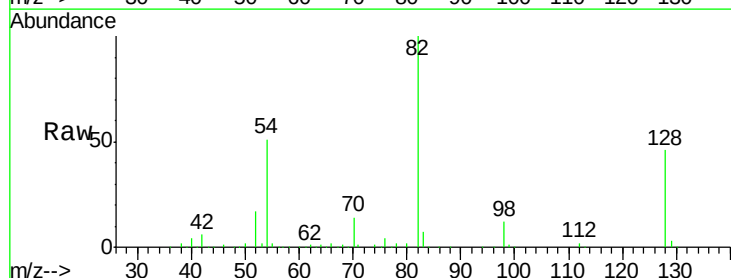


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

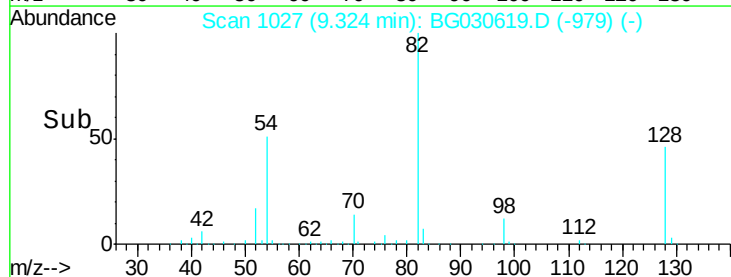
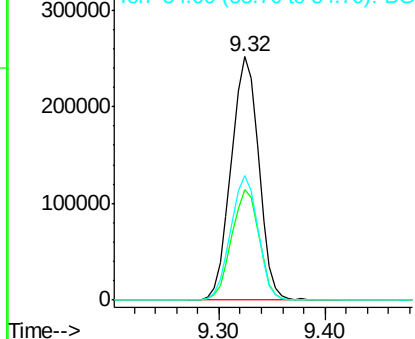


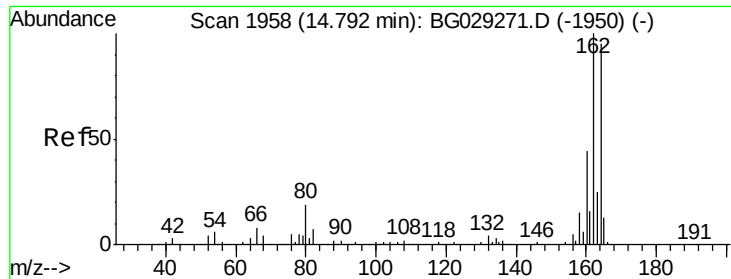
#23
Nitrobenzene-d5
Concen: 76.75 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030619.D
Acq: 31 Oct 2017 19:28

Tgt Ion:	82	Resp:	454630
Ion	Ratio	Lower	Upper
82	100		
128	45.5	29.7	44.5#
54	51.1	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG030619.D

Acq: 31 Oct 2017 19:28

Instrument :

BNA_G

ClientSampleId :

SB-04

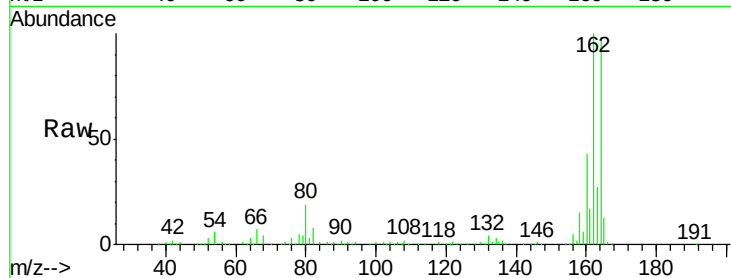
Tgt Ion:164 Resp: 255877

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

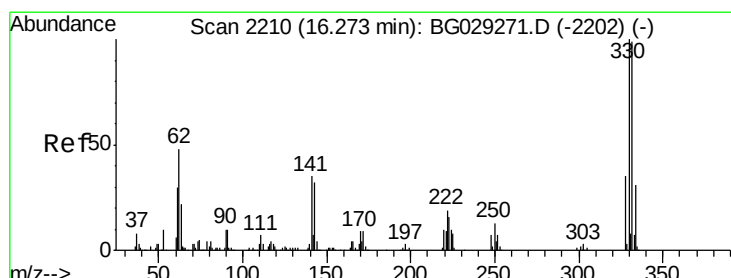
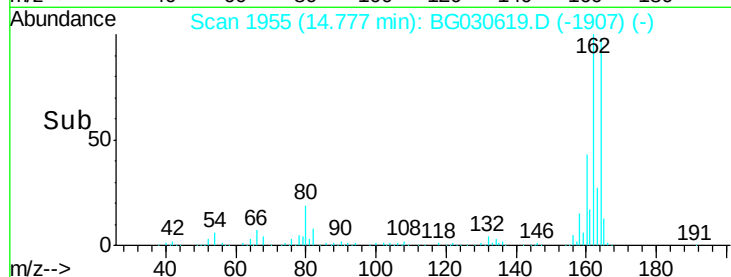
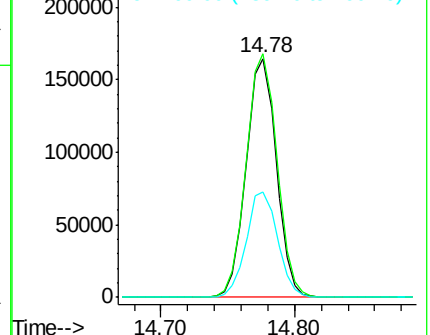
160 44.2 35.4 53.0



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: 102.33 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG030619.D

Acq: 31 Oct 2017 19:28

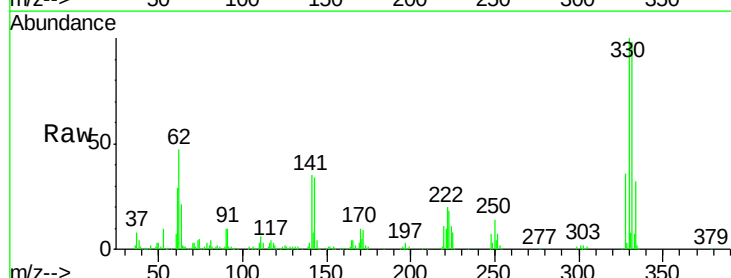
Tgt Ion:330 Resp: 338060

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

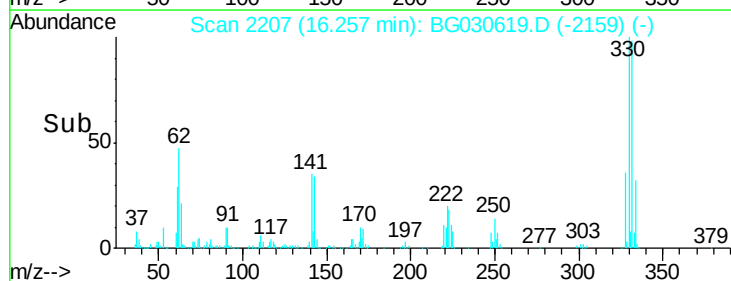
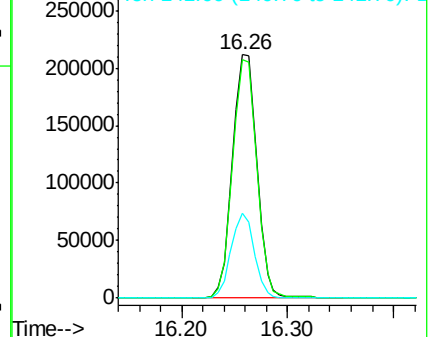
141 33.3 25.2 37.8

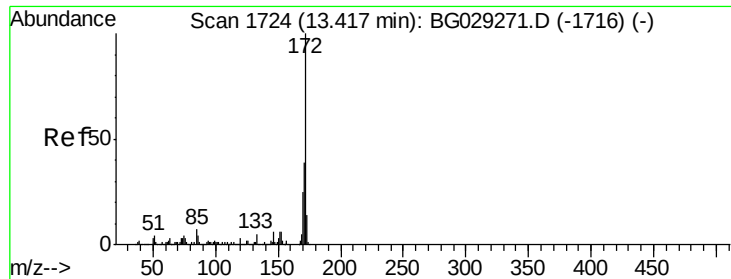


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 56.67 ng

RT: 13.40 min Scan# 1721

Delta R.T. -0.02 min

Lab File: BG030619.D

Acq: 31 Oct 2017 19:28

Instrument :

BNA_G

ClientSampleId :

SB-04

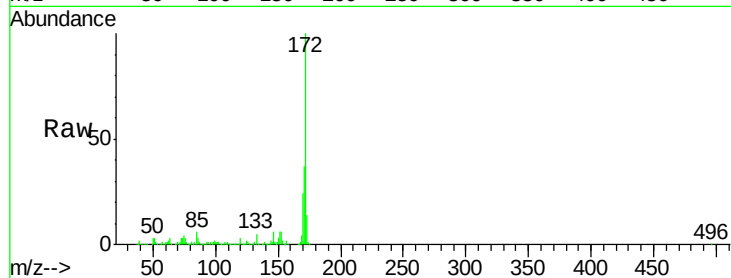
Tgt Ion:172 Resp: 988600

Ion Ratio Lower Upper

172 100

171 37.1 30.0 45.0

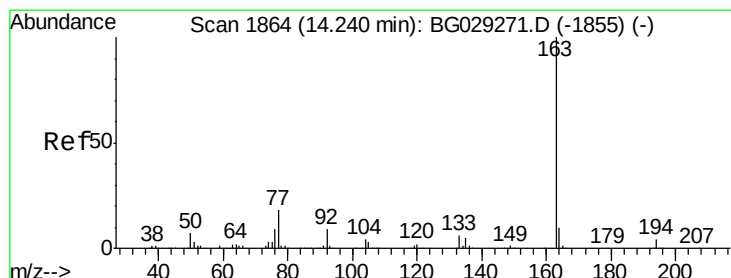
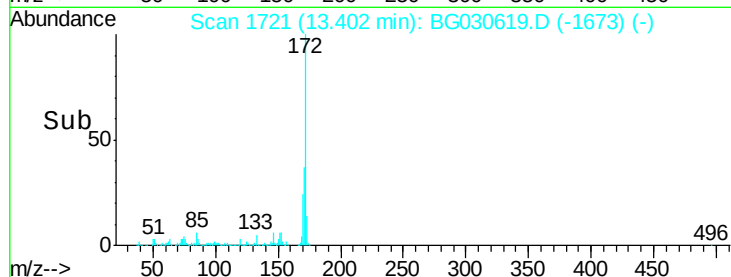
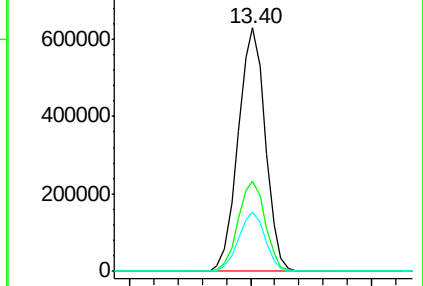
170 24.4 19.5 29.3



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: 12.69 ng

RT: 14.22 min Scan# 1860

Delta R.T. -0.02 min

Lab File: BG030619.D

Acq: 31 Oct 2017 19:28

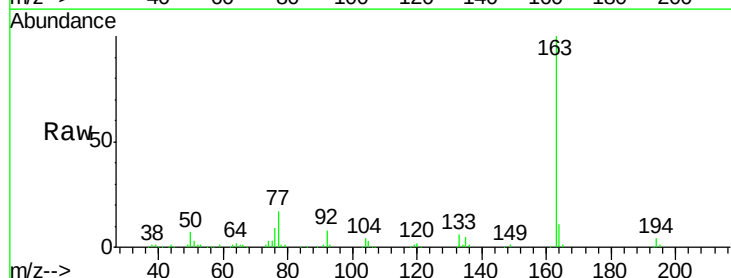
Tgt Ion:163 Resp: 253283

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

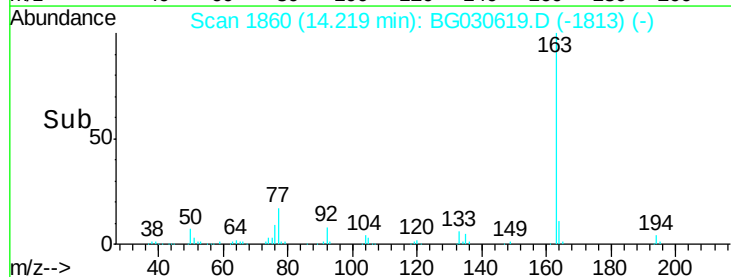
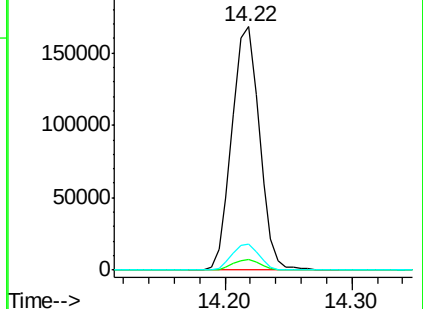
164 10.7 8.2 12.4

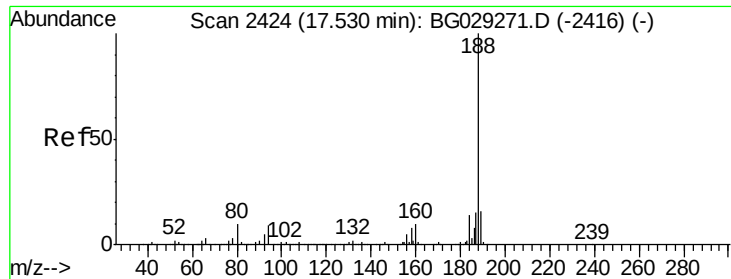


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

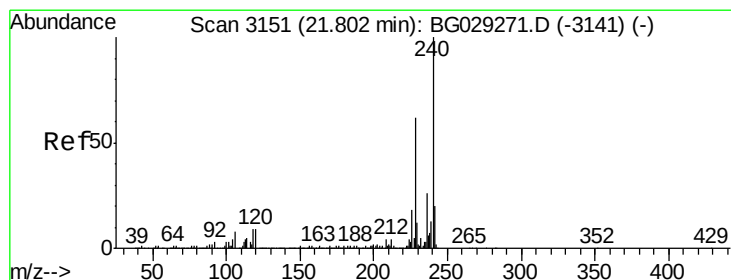
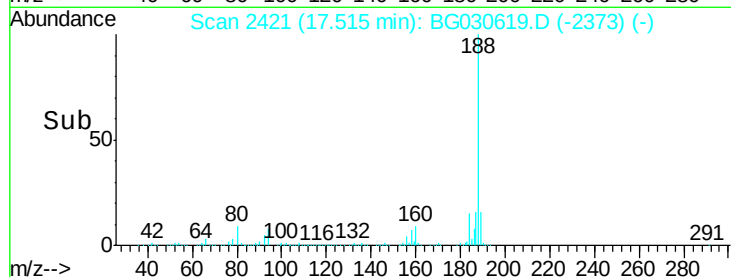
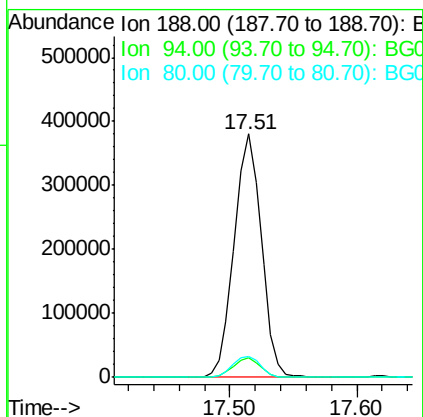
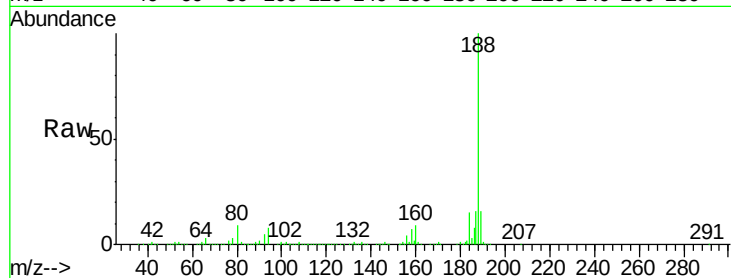




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030619.D
Acq: 31 Oct 2017 19:28

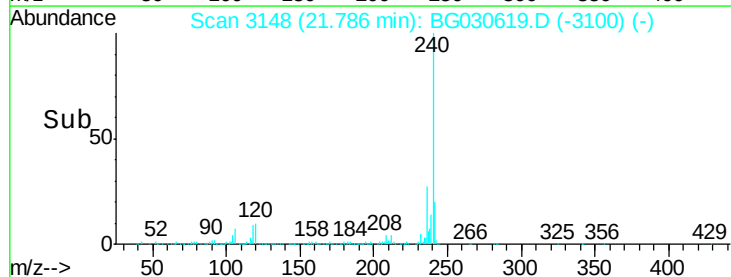
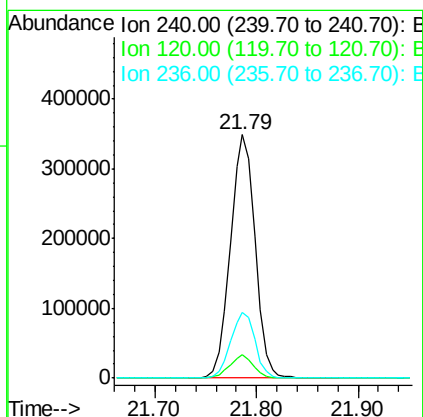
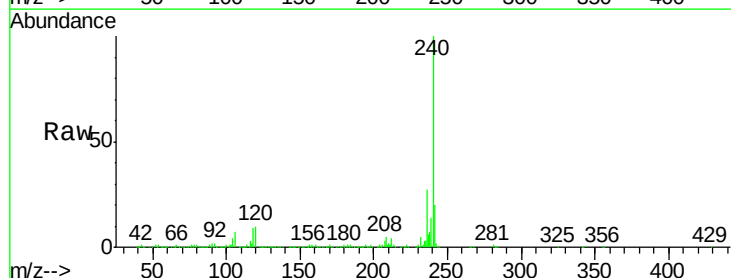
Instrument :
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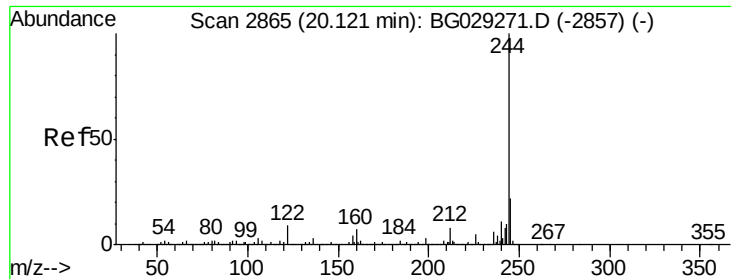
Tgt Ion:188 Resp: 564677
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030619.D
Acq: 31 Oct 2017 19:28

Tgt Ion:240 Resp: 589022
Ion Ratio Lower Upper
240 100
120 9.5 6.8 10.2
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 55.10 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030619.D

Acq: 31 Oct 2017 19:28

Instrument :

BNA_G

ClientSampled :

SB-04

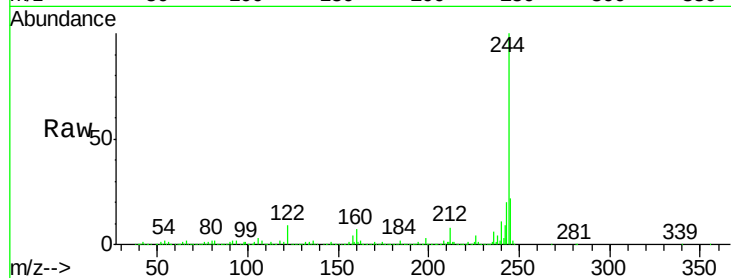
Tgt Ion:244 Resp: 1426646

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

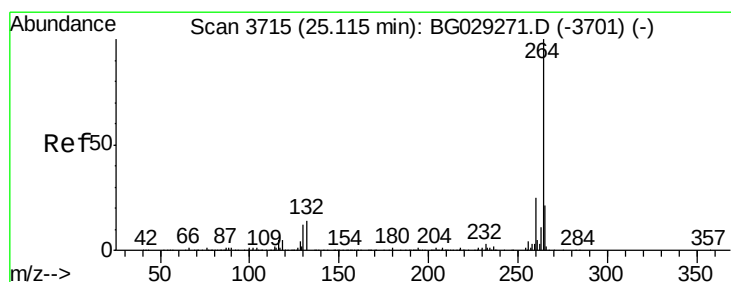
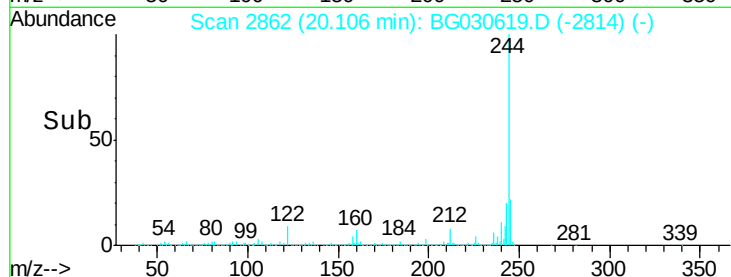
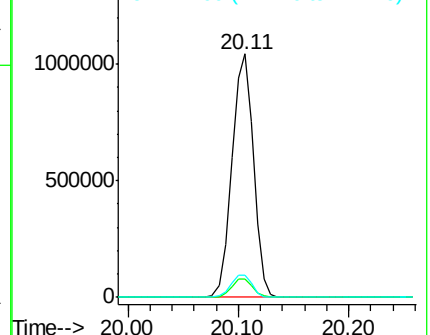
122 9.0 7.0 10.4



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: 20.00 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG030619.D

Acq: 31 Oct 2017 19:28

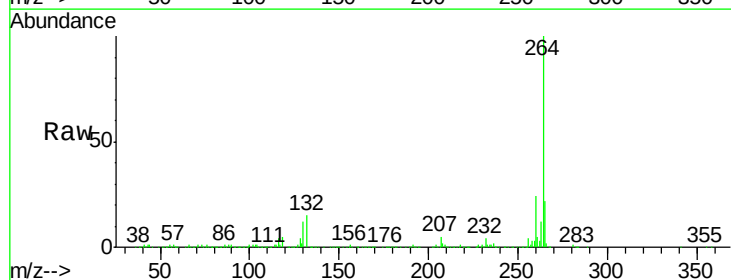
Tgt Ion:264 Resp: 593024

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.7 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

