

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024584.D
 Acq On : 1 Nov 2016 9:34
 Operator : UM/SJ
 Sample : H5447-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RPC-B1

Quant Time: Nov 01 13:23:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

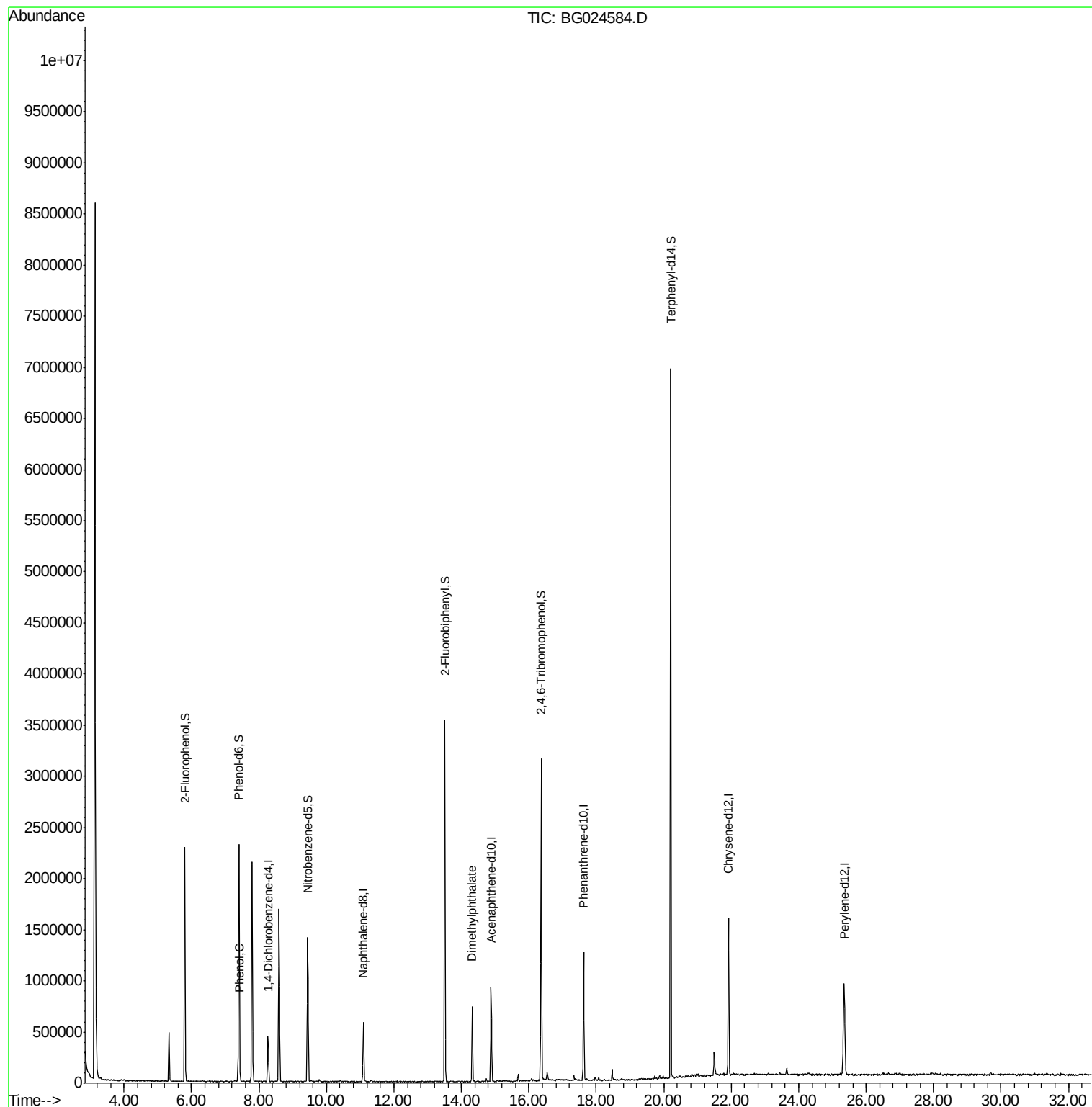
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	121067	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	471358	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	351296	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	764301	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1041005	20.00	ng	0.00
86) Perylene-d12	25.35	264	1139207	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	899803	121.81	ng	0.00
7) Phenol-d6	7.40	99	1259207	124.27	ng	0.00
23) Nitrobenzene-d5	9.44	82	887002	85.68	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	637001	121.38	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1821994	86.20	ng	0.00
78) Terphenyl-d14	20.21	244	2917136	83.73	ng	0.00
Target Compounds						
10) Phenol	7.43	94	41370	3.96	ng	Qvalue 94
49) Dimethylphthalate	14.32	163	495998	19.89	ng	# 94

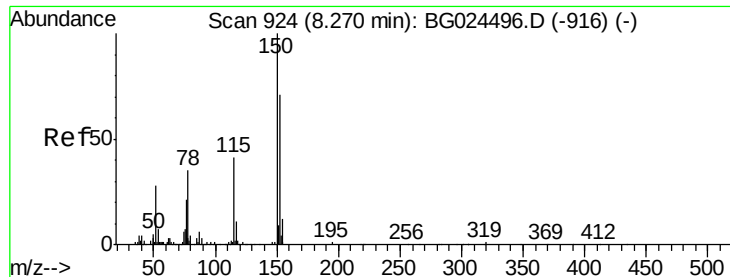
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

Instrument :

BNA_G

ClientSampled :

RPC-B1

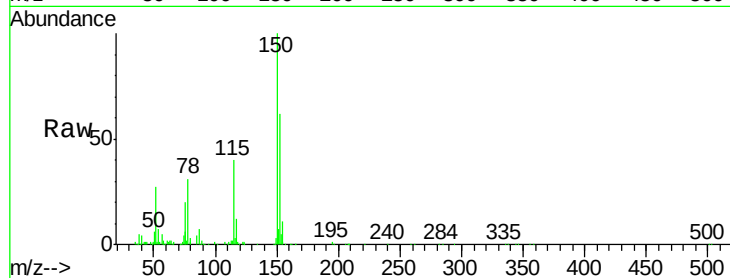
Tgt Ion:152 Resp: 121067

Ion Ratio Lower Upper

152 100

150 162.4 114.0 171.0

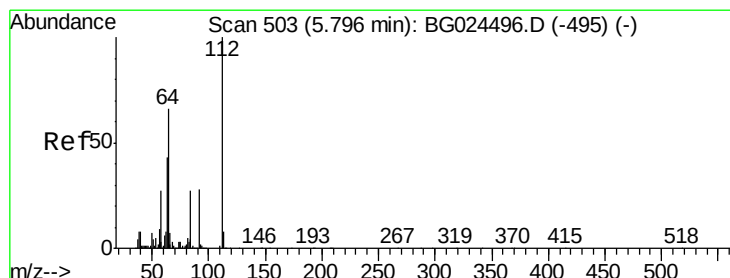
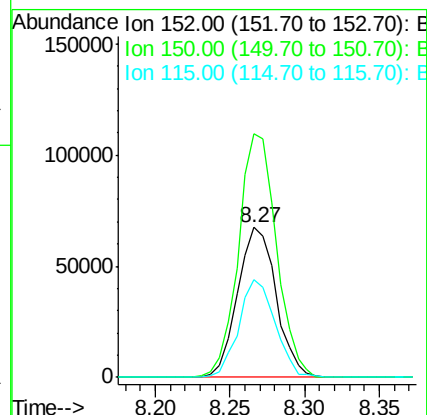
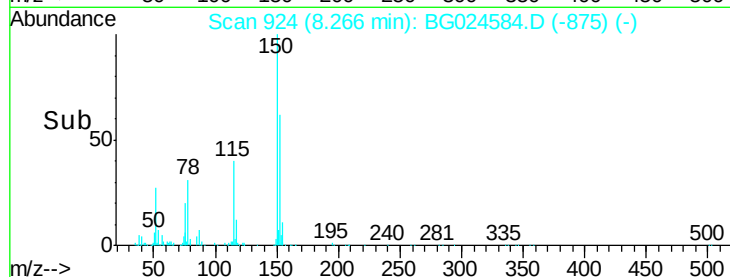
115 65.2 48.1 72.1



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: 121.81 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

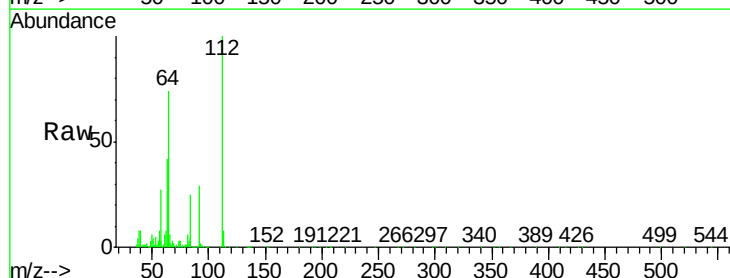
Tgt Ion:112 Resp: 899803

Ion Ratio Lower Upper

112 100

64 74.4 61.8 92.6

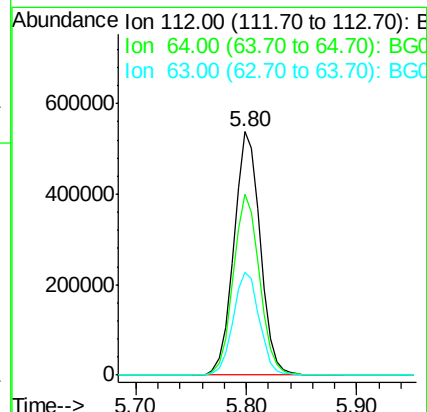
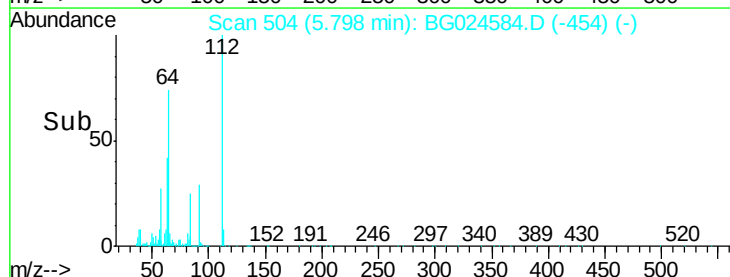
63 42.0 37.2 55.8

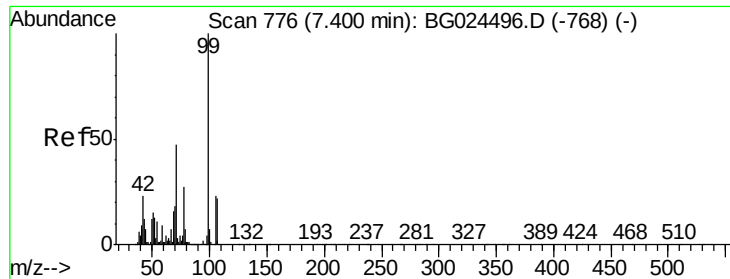


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.27 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

Instrument :

BNA_G

ClientSampleId :

RPC-B1

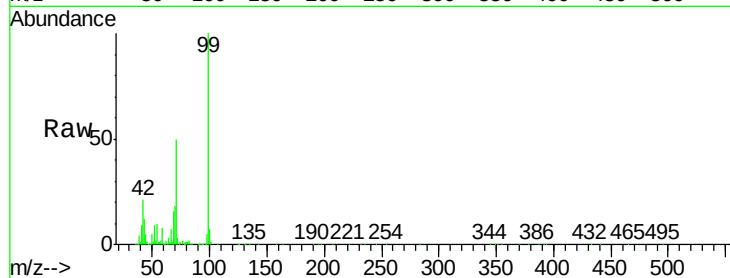
Tgt Ion: 99 Resp: 1259207

Ion Ratio Lower Upper

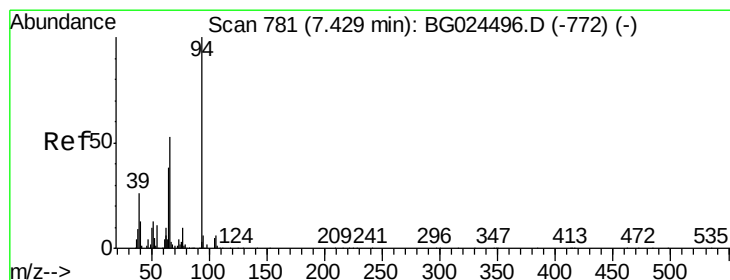
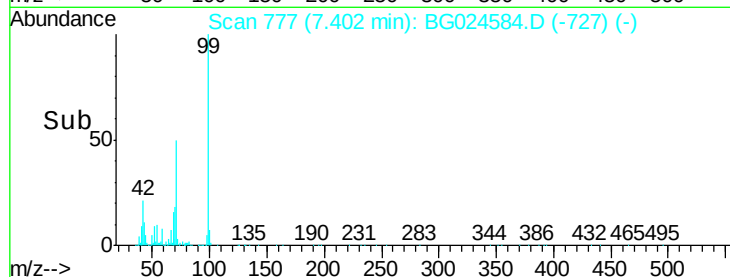
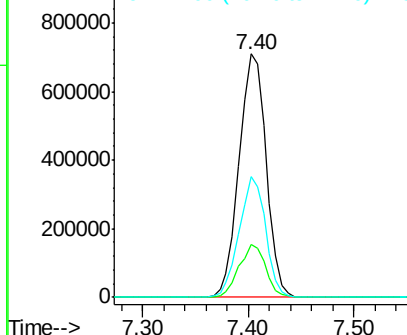
99 100

42 21.5 20.5 30.7

71 49.6 37.6 56.4



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



#10

Phenol

Concen: 3.96 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

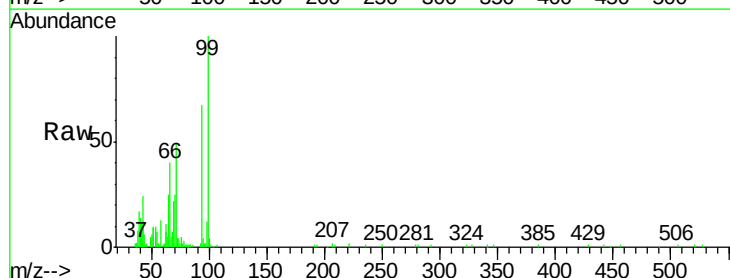
Tgt Ion: 94 Resp: 41370

Ion Ratio Lower Upper

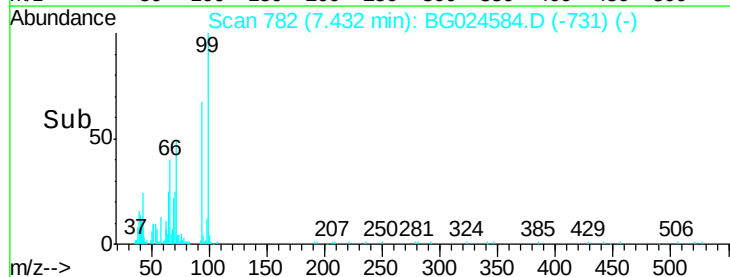
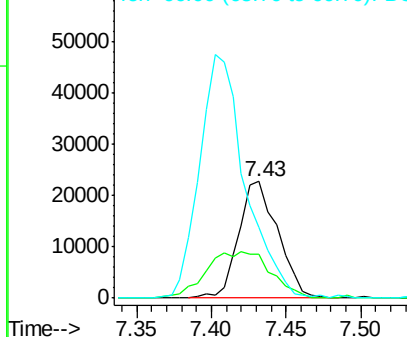
94 100

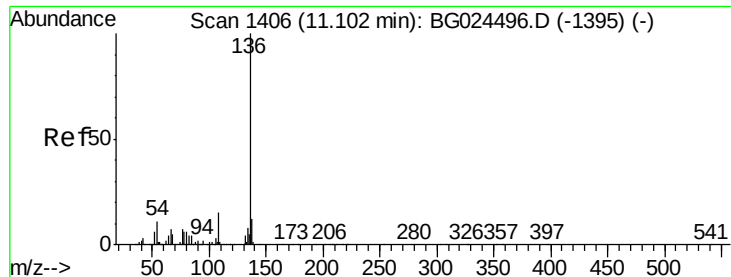
65 37.3 20.6 60.6

66 60.2 35.5 75.5



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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

Instrument :

BNA_G

ClientSampleId :

RPC-B1

Tgt Ion: 136 Resp: 471358

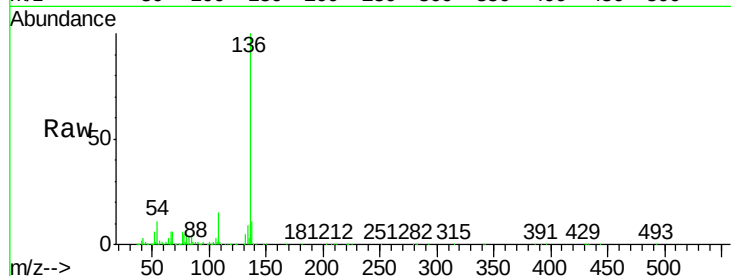
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.6 9.3 13.9

68 6.3 5.1 7.7

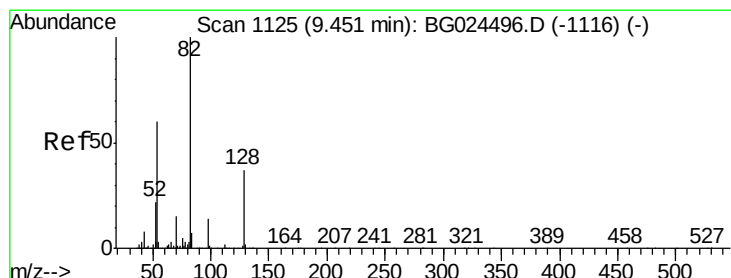
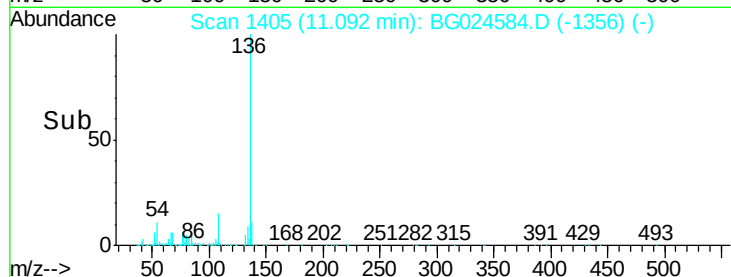
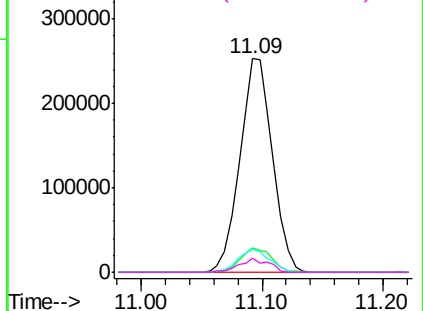


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.68 ng

RT: 9.44 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

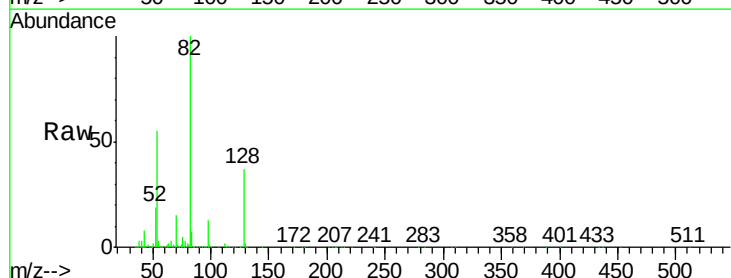
Tgt Ion: 82 Resp: 887002

Ion Ratio Lower Upper

82 100

128 37.4 26.4 39.6

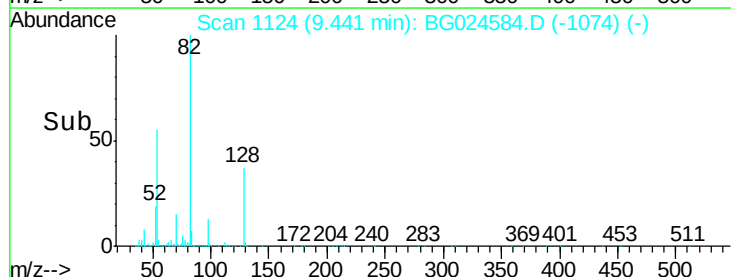
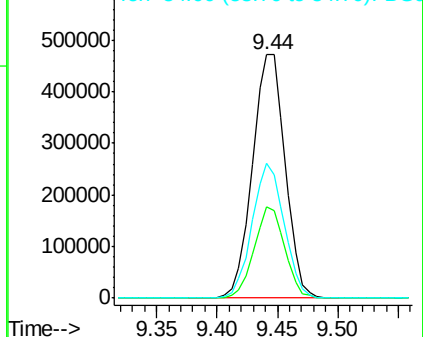
54 55.2 49.4 74.2

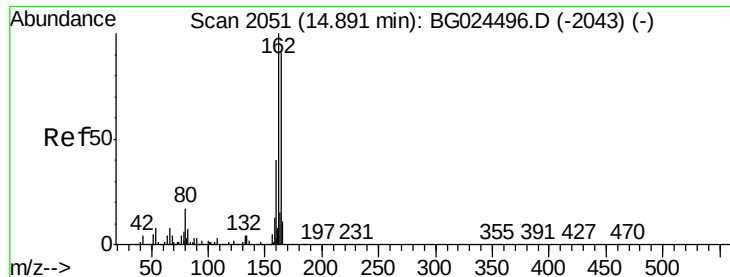


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

Instrument :

BNA_G

ClientSampled :

RPC-B1

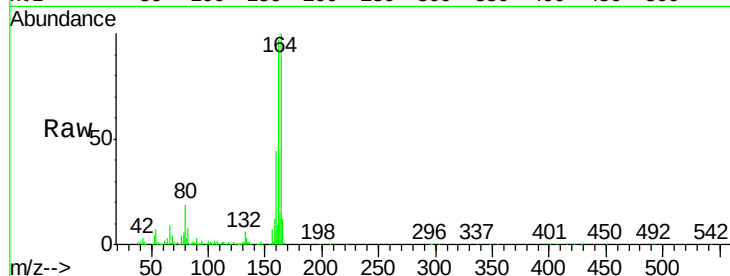
Tgt Ion:164 Resp: 351296

Ion Ratio Lower Upper

164 100

162 97.0 85.1 127.7

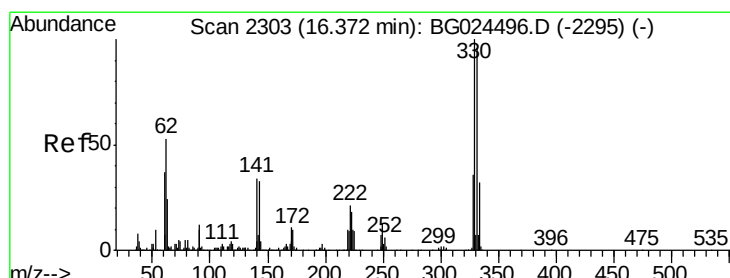
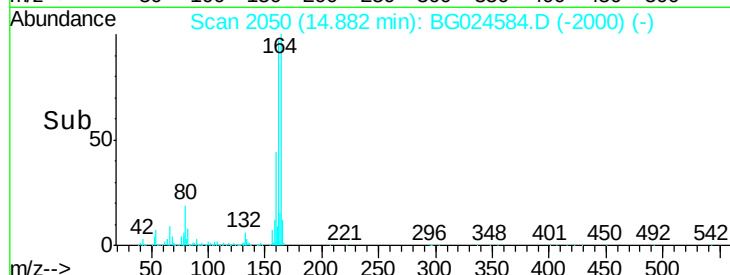
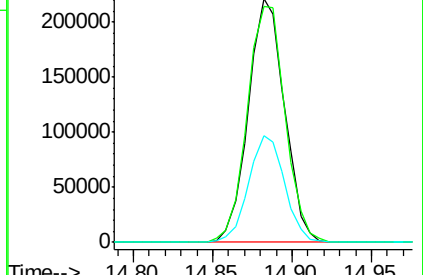
160 43.8 34.7 52.1



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: 121.38 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

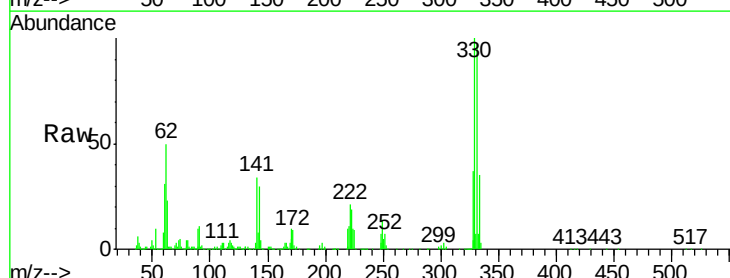
Tgt Ion:330 Resp: 637001

Ion Ratio Lower Upper

330 100

332 99.9 77.3 115.9

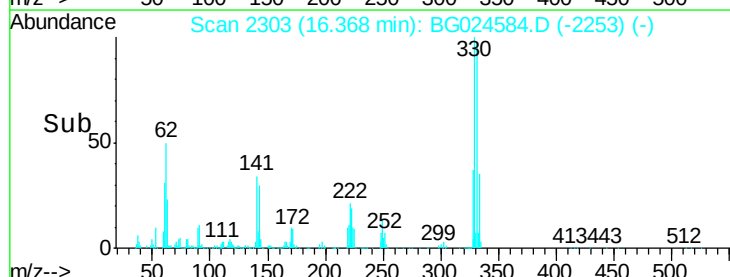
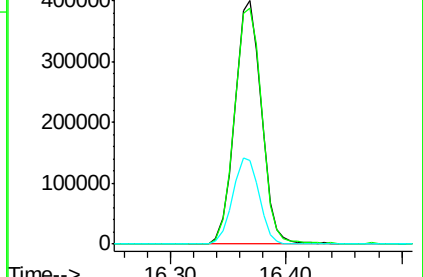
141 35.2 32.1 48.1

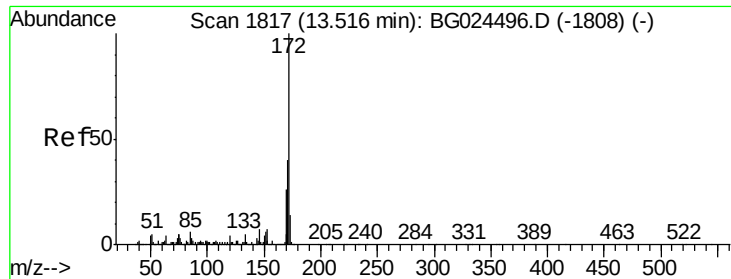


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

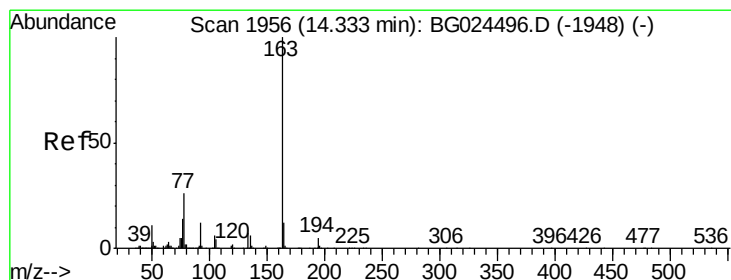
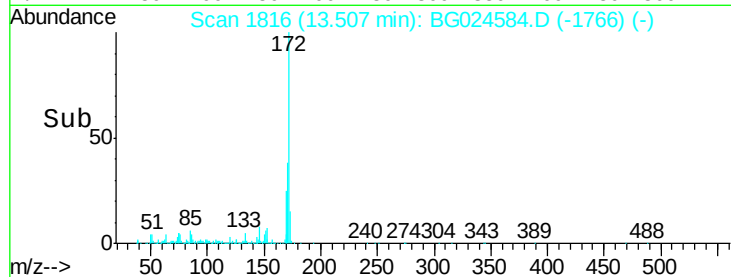
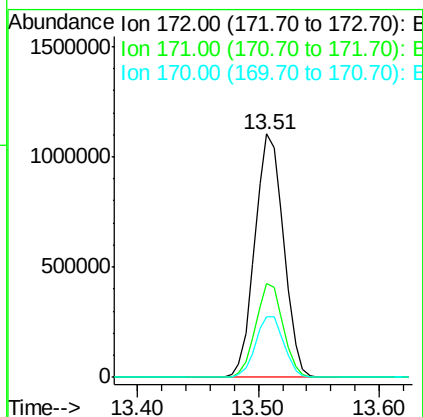
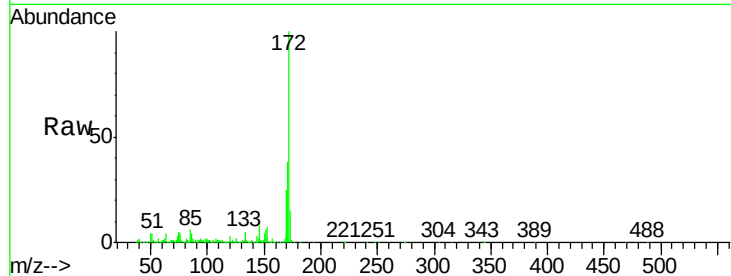




#44
2-Fluorobiphenyl
Concen: 86.20 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG024584.D
Acq: 1 Nov 2016 9:34

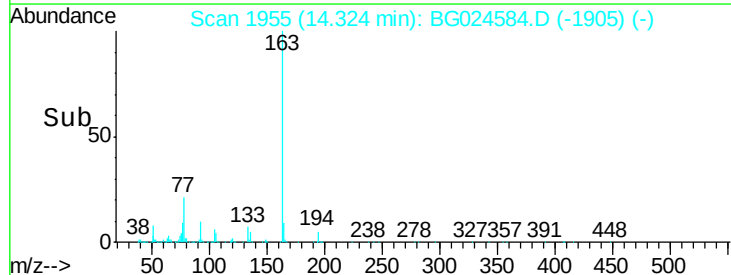
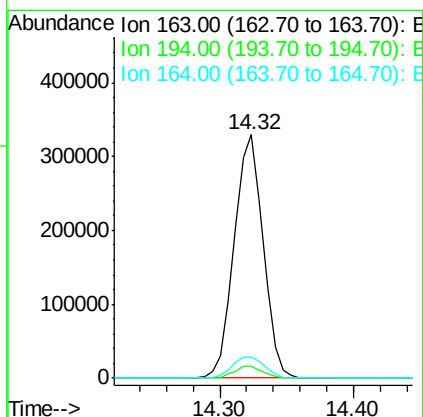
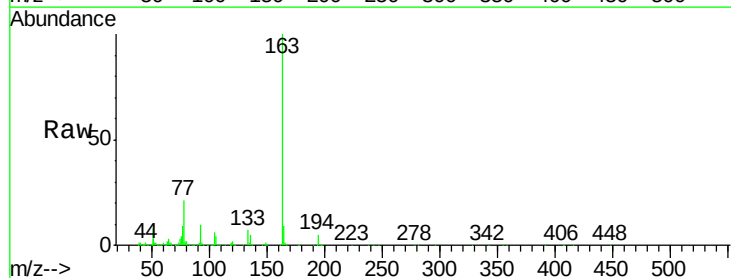
Instrument :
BNA_G
ClientSampleId :
RPC-B1

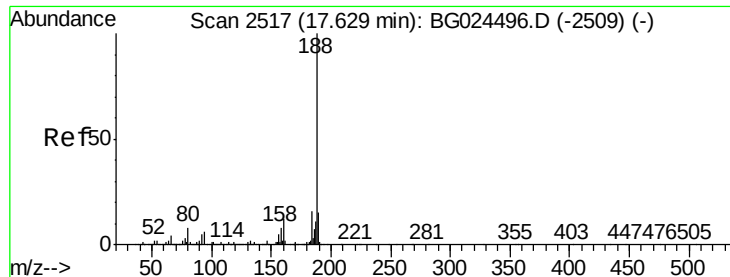
Tgt Ion:172 Resp: 1821994
Ion Ratio Lower Upper
172 100
171 38.3 32.2 48.2
170 24.8 21.8 32.6



#49
Dimethylphthalate
Concen: 19.89 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG024584.D
Acq: 1 Nov 2016 9:34

Tgt Ion:163 Resp: 495998
Ion Ratio Lower Upper
163 100
194 5.1 3.8 5.6
164 8.6 9.3 13.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

Instrument :

BNA_G

ClientSampleId :

RPC-B1

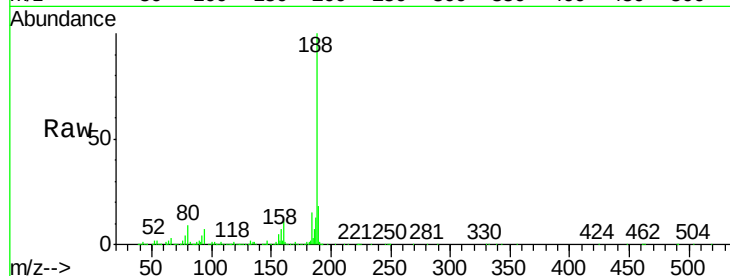
Tgt Ion:188 Resp: 764301

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

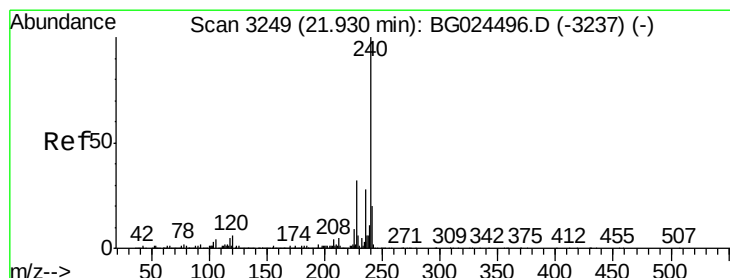
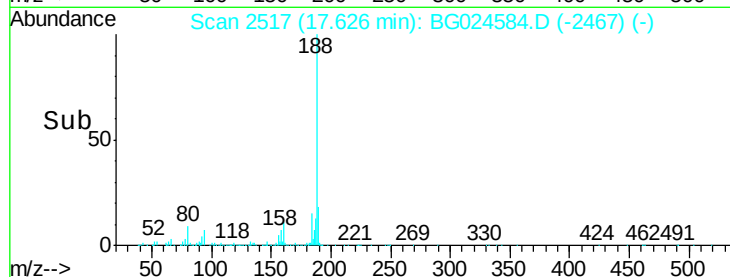
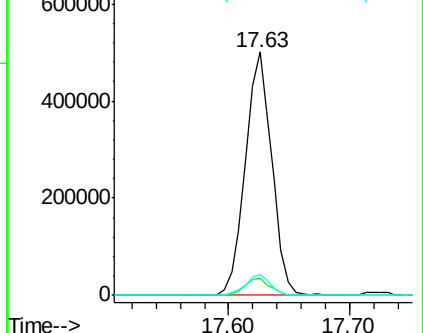
80 8.7 7.5 11.3



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: 21.92 min Scan# 3248

Delta R.T. -0.00 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

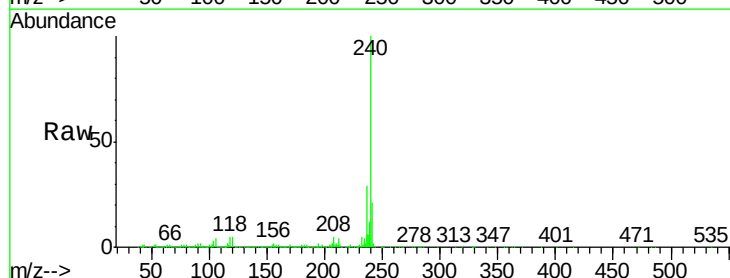
Tgt Ion:240 Resp: 1041005

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

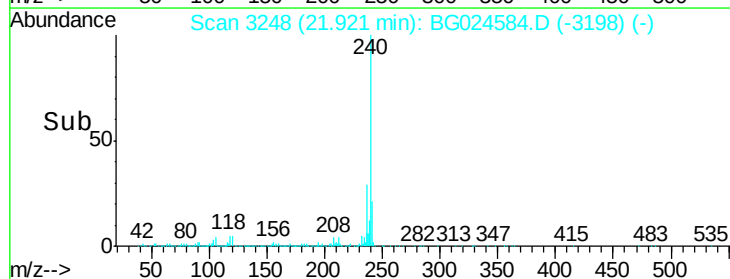
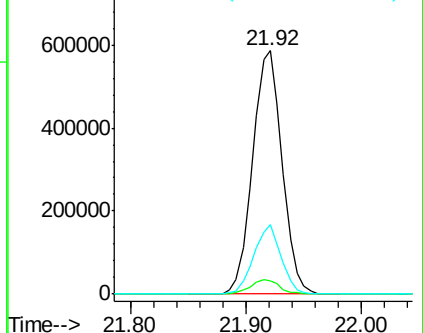
236 28.6 22.2 33.4

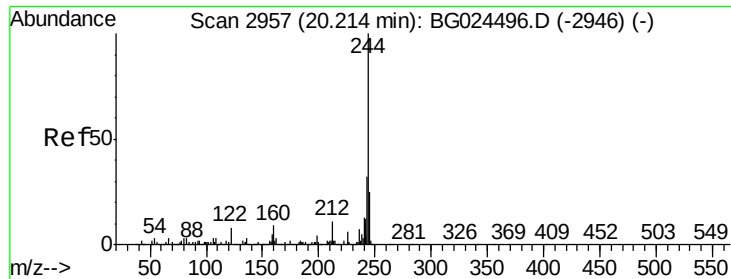


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.73 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

Instrument :

BNA_G

ClientSampleId :

RPC-B1

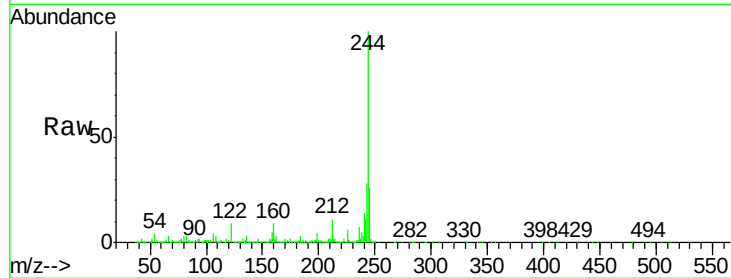
Tgt Ion:244 Resp: 2917136

Ion Ratio Lower Upper

244 100

212 11.3 10.0 15.0

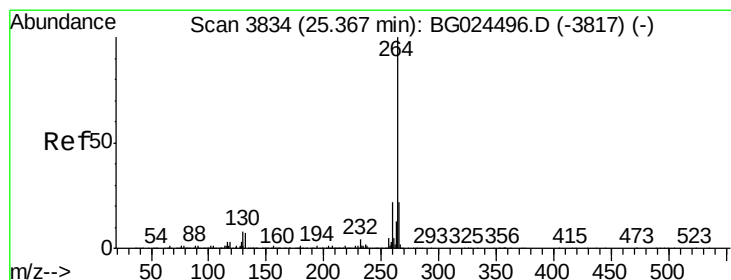
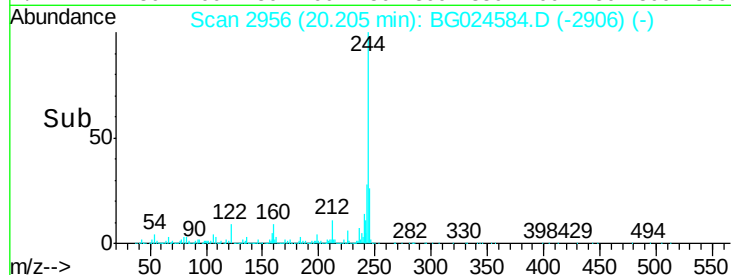
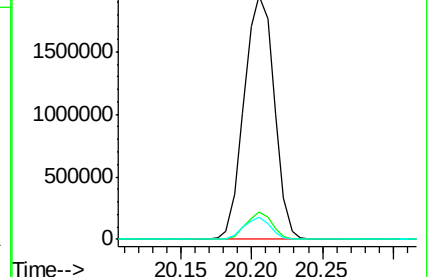
122 9.1 8.6 12.8



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: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024584.D

Acq: 1 Nov 2016 9:34

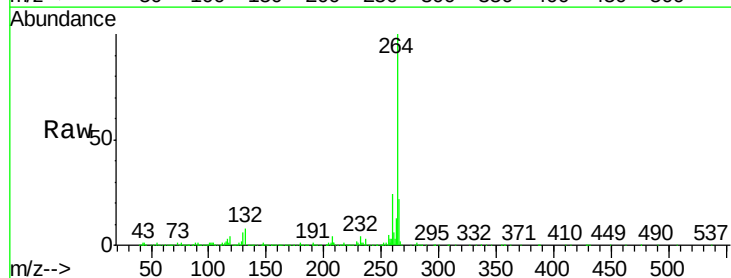
Tgt Ion:264 Resp: 1139207

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 22.1 18.2 27.4



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

