

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110116\
 Data File : BG024611.D
 Acq On : 2 Nov 2016 3:48
 Operator : UM/SJ
 Sample : H5489-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-74-14.5-15.0

Quant Time: Nov 02 06:19:39 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

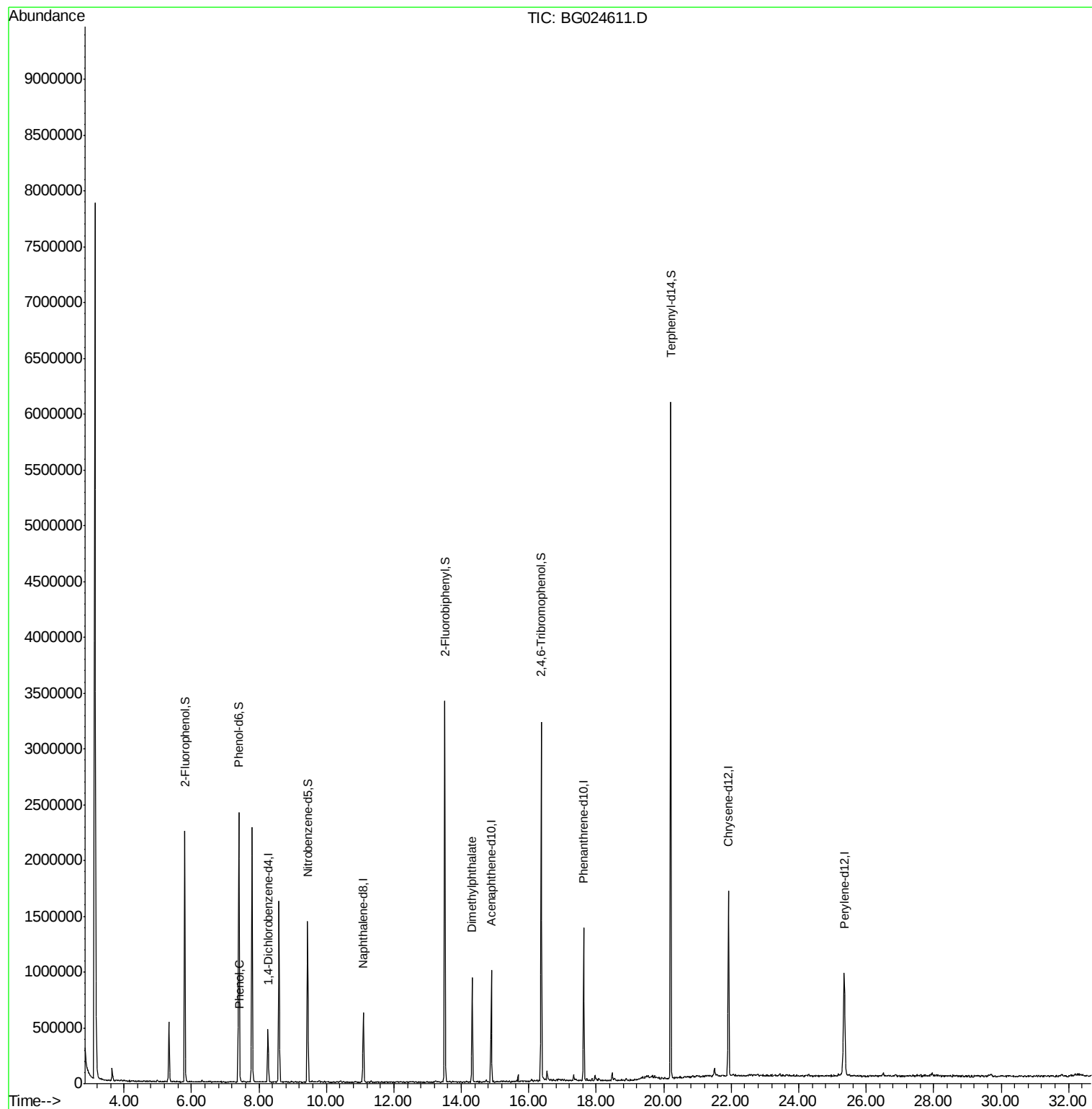
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	129854	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	510008	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	388379	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	833642	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1099495	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1135452	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	917910	115.86	ng	0.00
7) Phenol-d6	7.41	99	1337940	123.11	ng	0.00
23) Nitrobenzene-d5	9.45	82	931850	83.19	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	674093	116.18	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1778788	76.12	ng	-0.01
78) Terphenyl-d14	20.20	244	2627451	71.41	ng	-0.01
Target Compounds						
10) Phenol	7.44	94	24371	2.18	ng	97
49) Dimethylphthalate	14.32	163	579697	21.02	ng	100

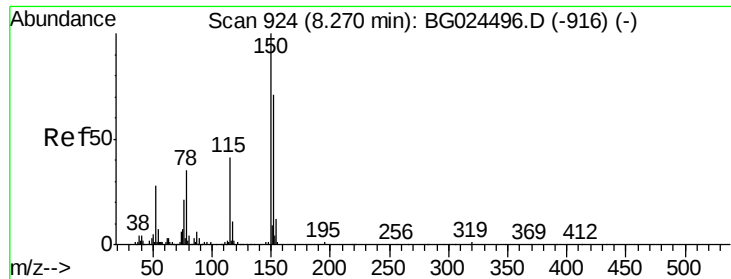
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024611.D

Acq: 2 Nov 2016 3:48

Instrument :

BNA_G

ClientSampleId :

SB-74-14.5-15.0

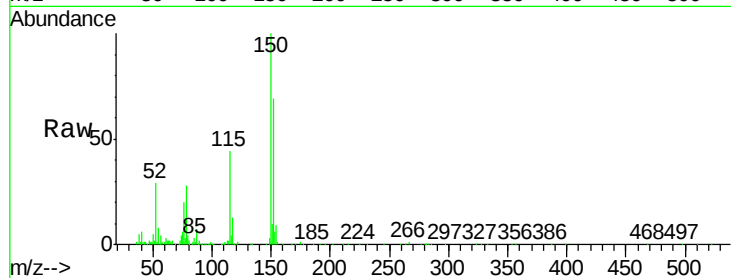
Tgt Ion:152 Resp: 129854

Ion Ratio Lower Upper

152 100

150 145.3 114.0 171.0

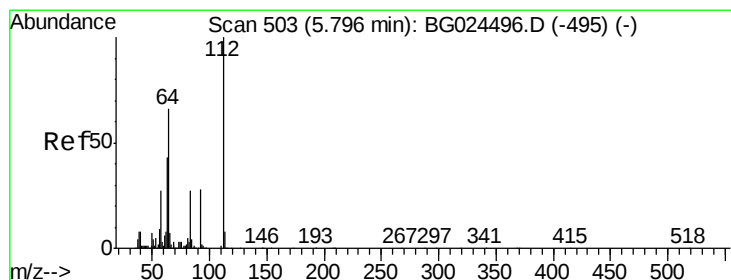
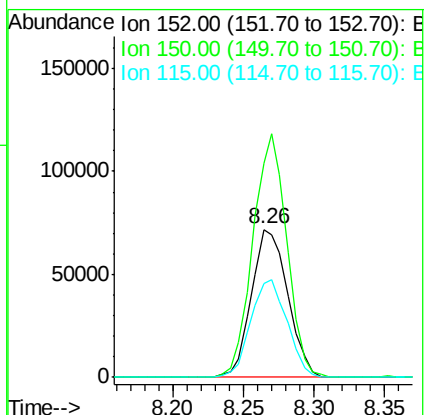
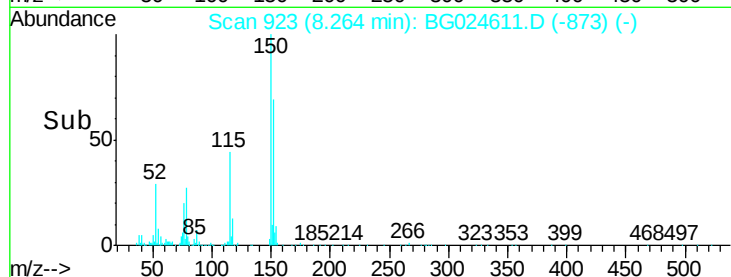
115 63.8 48.1 72.1



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: 115.86 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024611.D

Acq: 2 Nov 2016 3:48

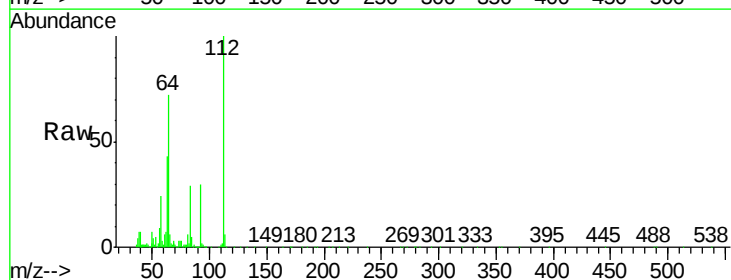
Tgt Ion:112 Resp: 917910

Ion Ratio Lower Upper

112 100

64 72.1 61.8 92.6

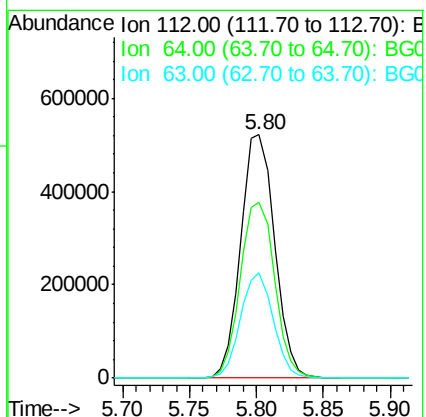
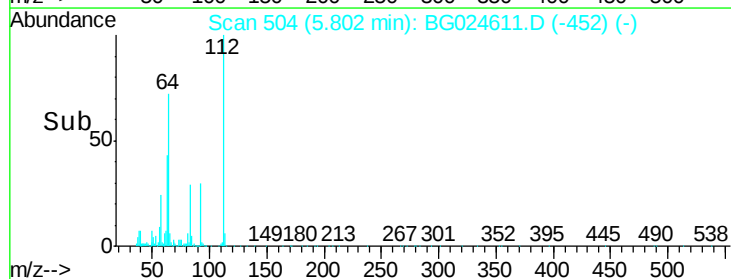
63 43.3 37.2 55.8

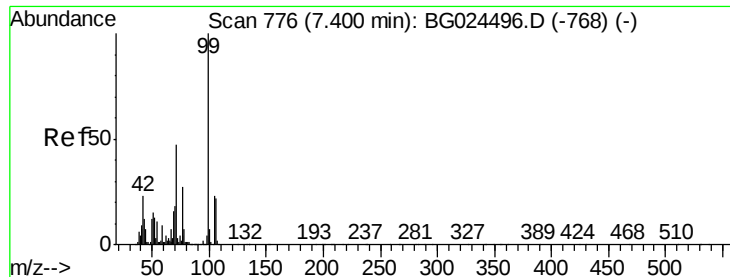


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.11 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024611.D

Acq: 2 Nov 2016 3:48

Instrument :

BNA_G

ClientSampleId :

SB-74-14.5-15.0

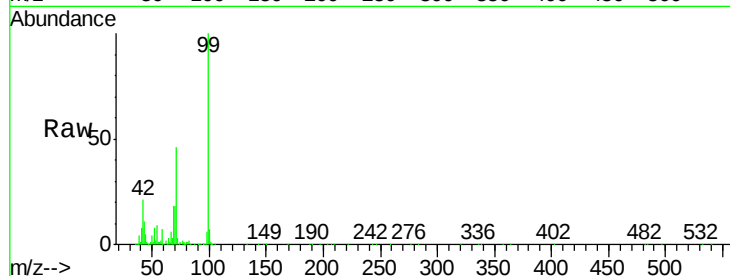
Tgt Ion: 99 Resp: 1337940

Ion Ratio Lower Upper

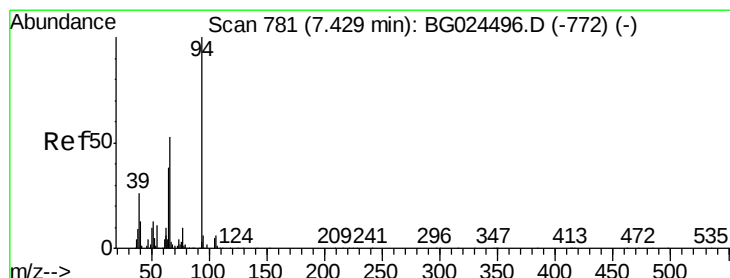
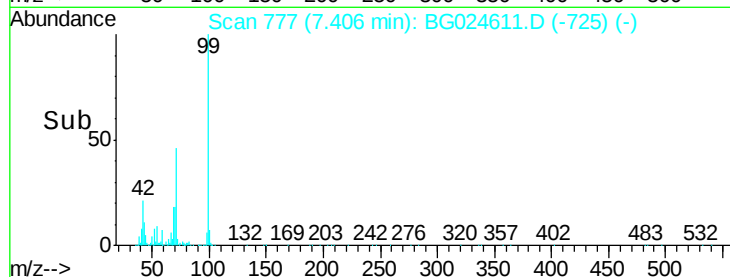
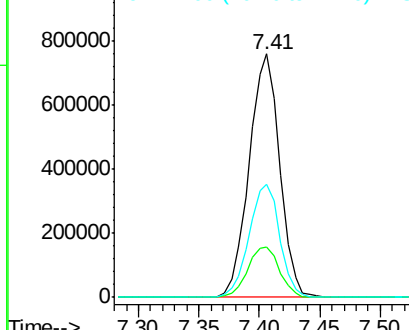
99 100

42 20.7 20.5 30.7

71 46.4 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: 2.18 ng

RT: 7.44 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG024611.D

Acq: 2 Nov 2016 3:48

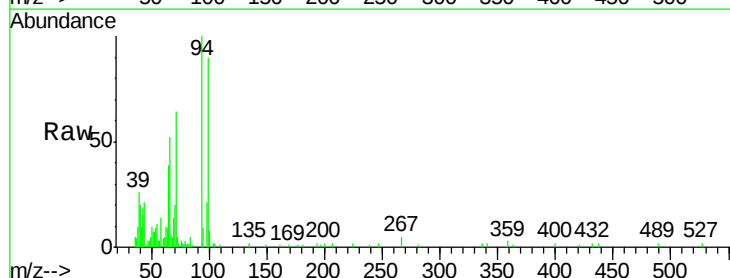
Tgt Ion: 94 Resp: 24371

Ion Ratio Lower Upper

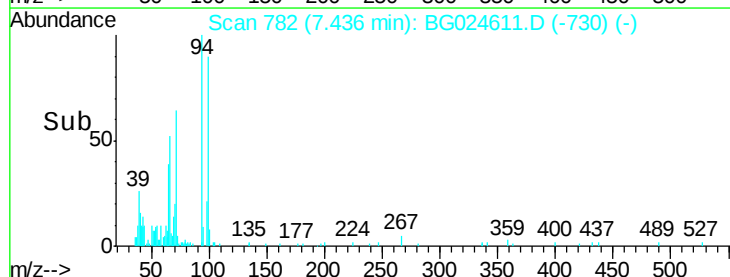
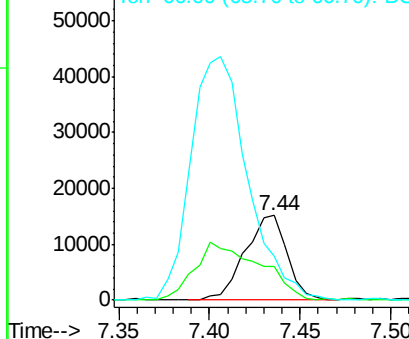
94 100

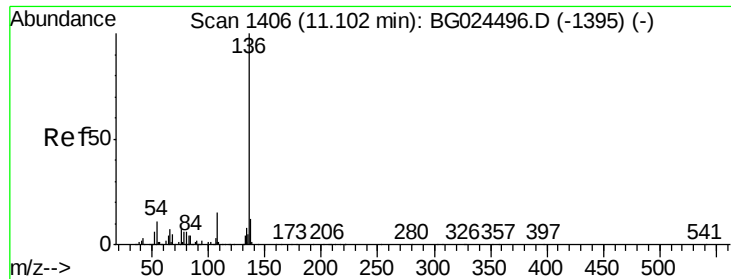
65 39.4 20.6 60.6

66 52.5 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

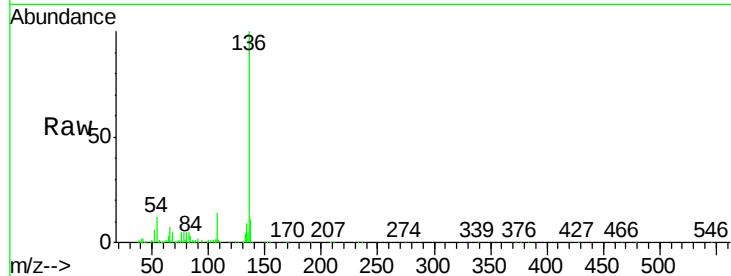




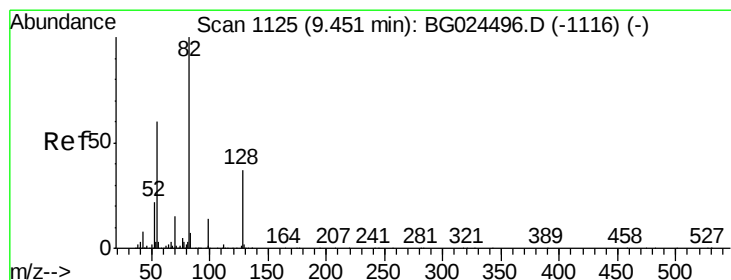
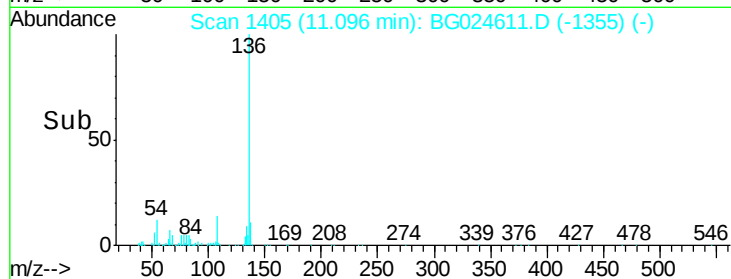
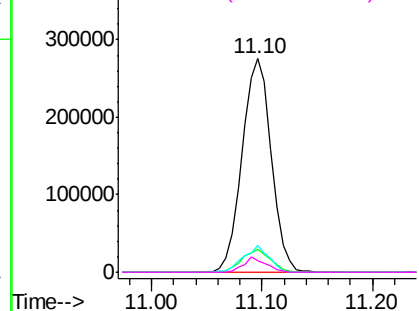
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024611.D
Acq: 2 Nov 2016 3:48

Instrument :
BNA_G
ClientSampleId :
SB-74-14.5-15.0

Tgt Ion:	136	Resp:	510008
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	12.4	9.3	13.9
68	5.1	5.1	7.7

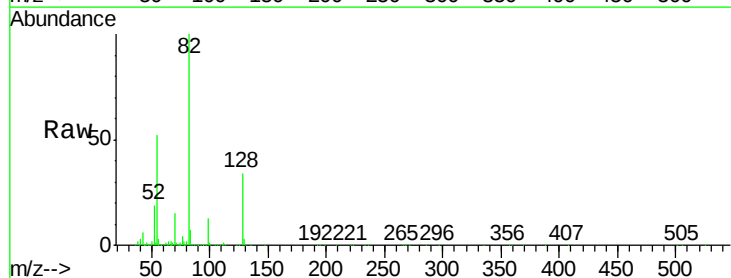


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

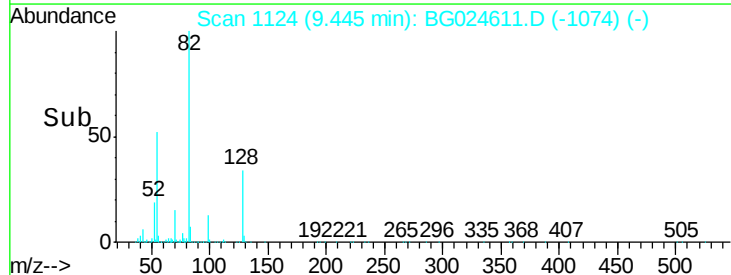
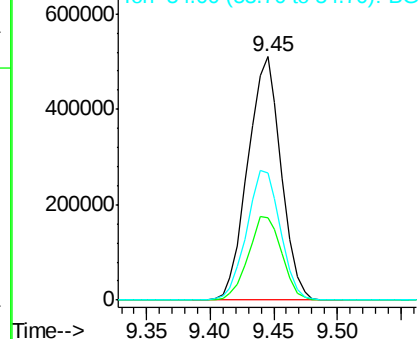


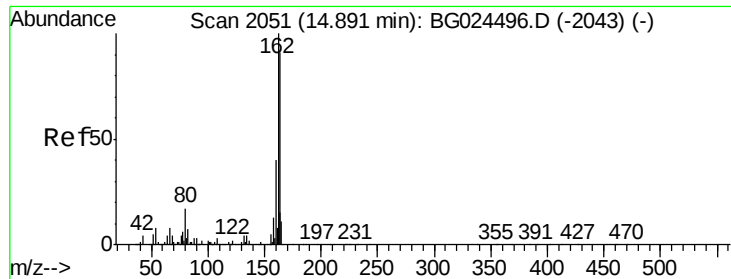
#23
Nitrobenzene-d5
Concen: 83.19 ng
RT: 9.45 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024611.D
Acq: 2 Nov 2016 3:48

Tgt Ion:	82	Resp:	931850
Ion	Ratio	Lower	Upper
82	100		
128	33.8	26.4	39.6
54	52.4	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024611.D

Acq: 2 Nov 2016 3:48

Instrument :

BNA_G

ClientSampleId :

SB-74-14.5-15.0

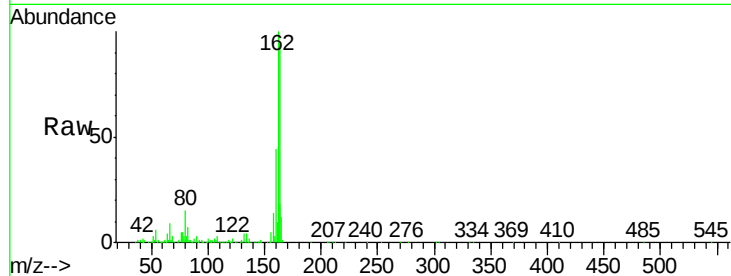
Tgt Ion:164 Resp: 388379

Ion Ratio Lower Upper

164 100

162 106.2 85.1 127.7

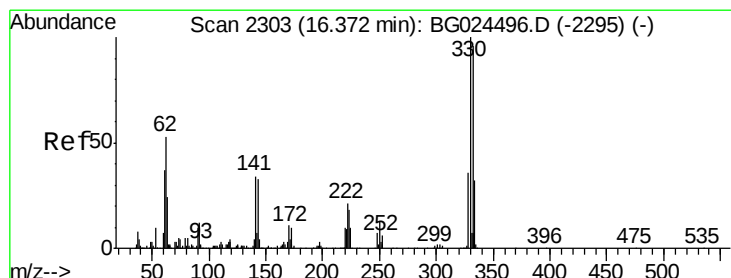
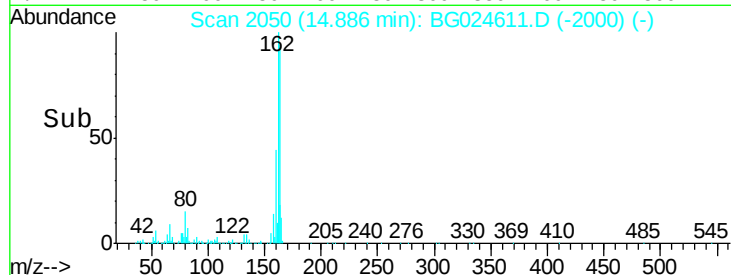
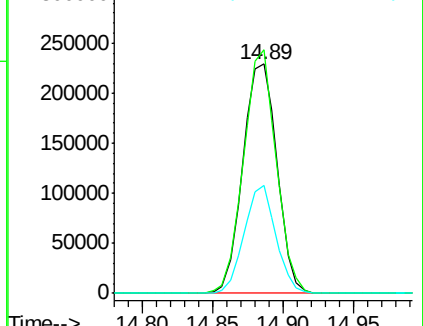
160 47.0 34.7 52.1



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: 116.18 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024611.D

Acq: 2 Nov 2016 3:48

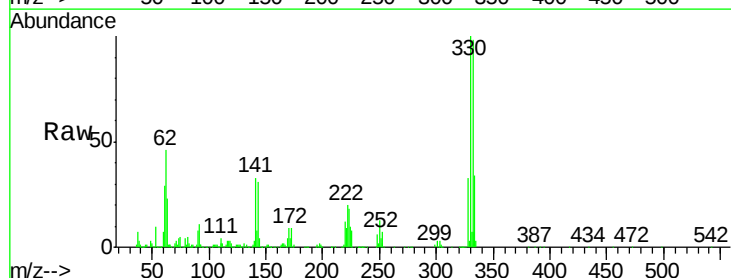
Tgt Ion:330 Resp: 674093

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

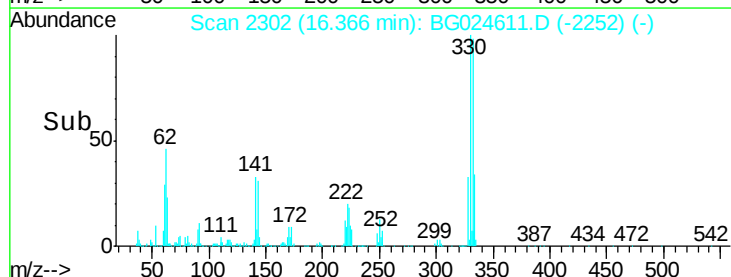
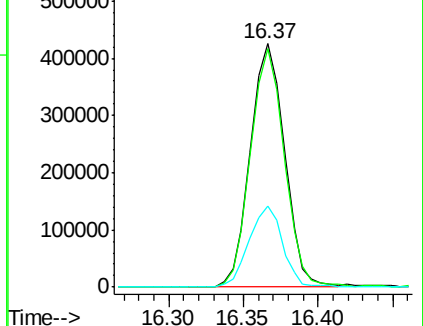
141 32.5 32.1 48.1

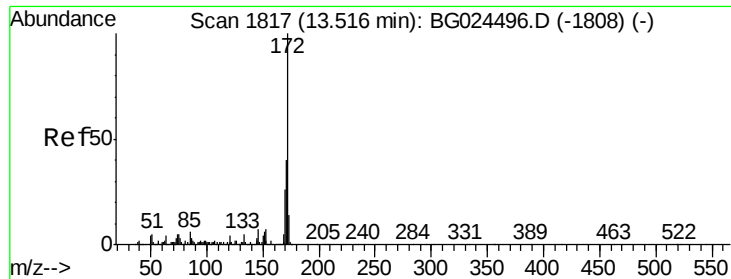


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

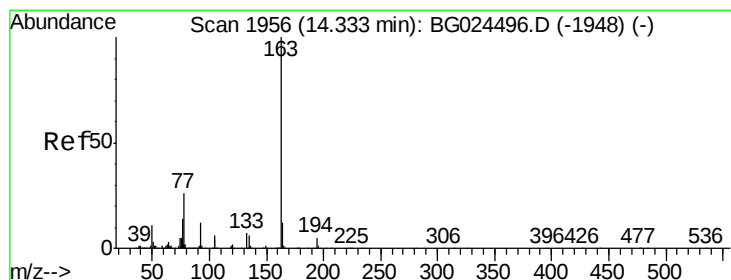
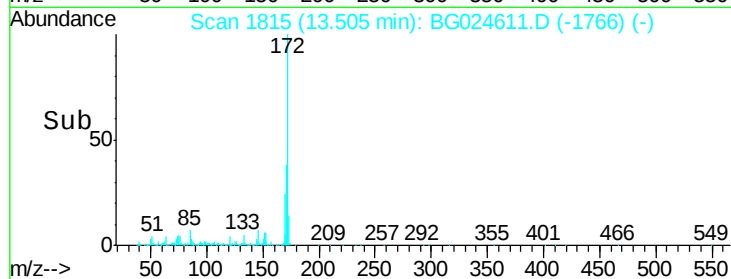
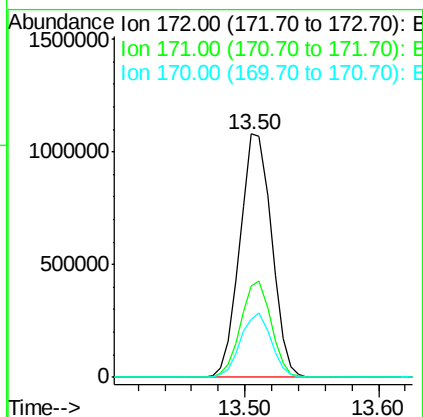
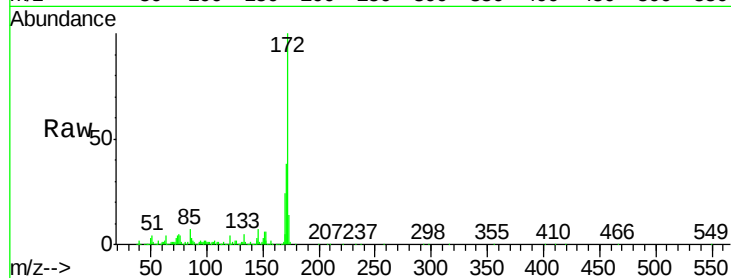




#44
2-Fluorobiphenyl
Concen: 76.12 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG024611.D
Acq: 2 Nov 2016 3:48

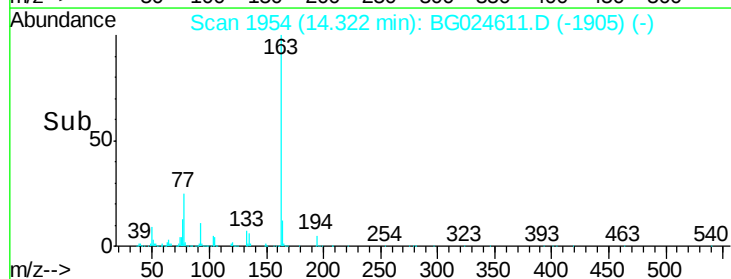
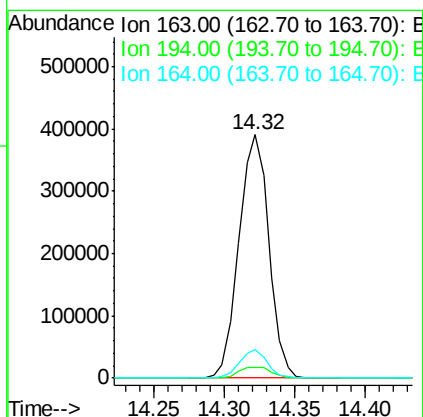
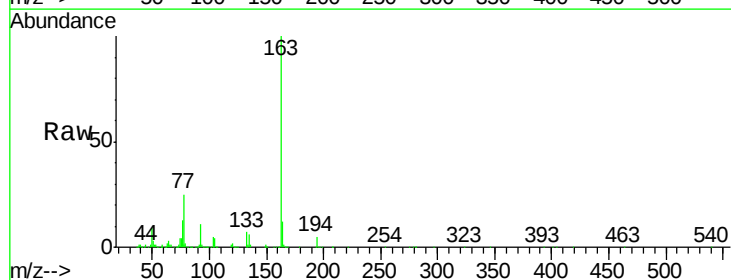
Instrument :
BNA_G
ClientSampleId :
SB-74-14.5-15.0

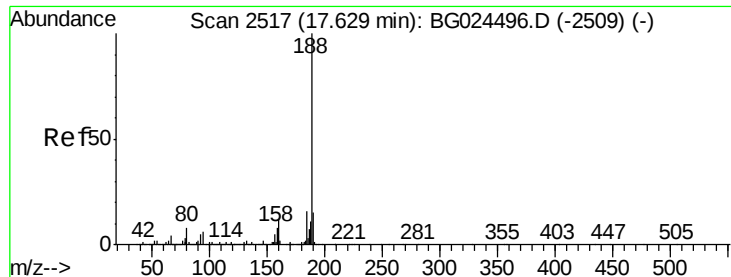
Tgt Ion:172 Resp: 1778788
Ion Ratio Lower Upper
172 100
171 37.7 32.2 48.2
170 23.7 21.8 32.6



#49
Dimethylphthalate
Concen: 21.02 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024611.D
Acq: 2 Nov 2016 3:48

Tgt Ion:163 Resp: 579697
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 11.7 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024611.D

Acq: 2 Nov 2016 3:48

Instrument :

BNA_G

ClientSampleId :

SB-74-14.5-15.0

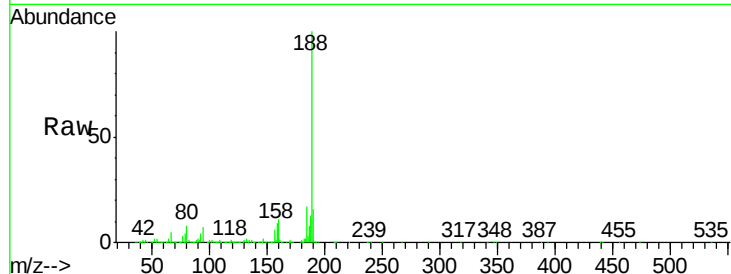
Tgt Ion:188 Resp: 833642

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

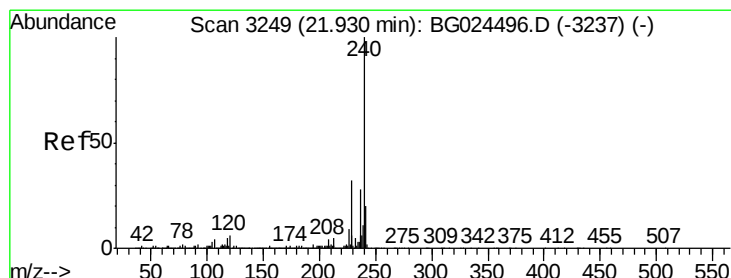
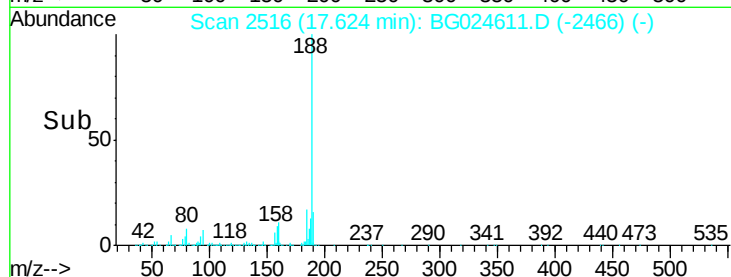
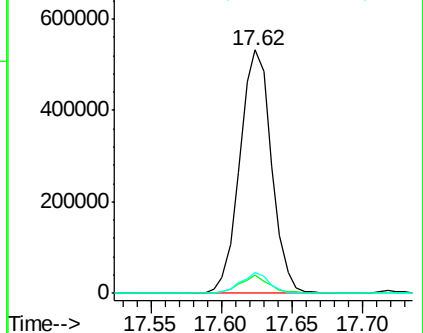
80 8.4 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024611.D

Acq: 2 Nov 2016 3:48

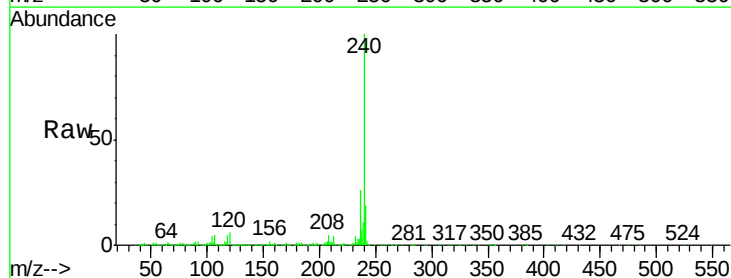
Tgt Ion:240 Resp: 1099495

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

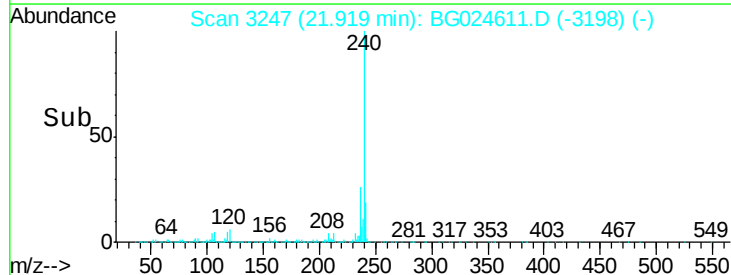
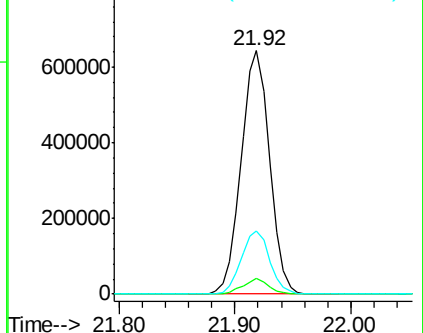
236 26.1 22.2 33.4

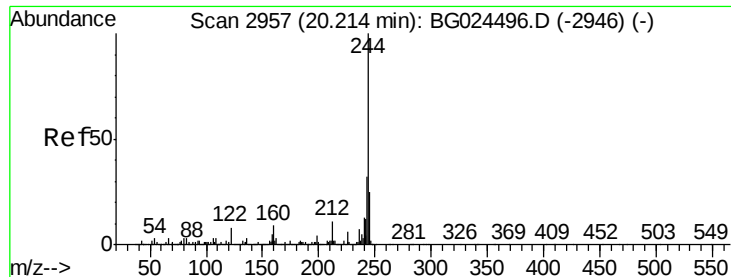


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.41 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024611.D

Acq: 2 Nov 2016 3:48

Instrument :

BNA_G

ClientSampleId :

SB-74-14.5-15.0

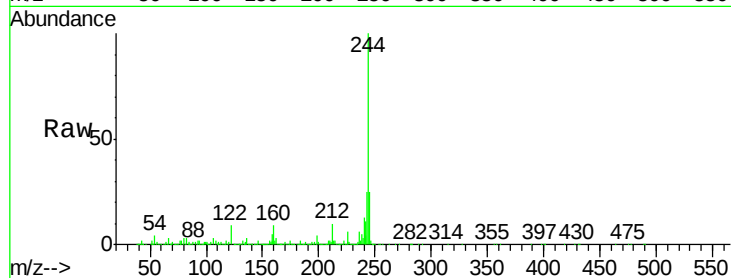
Tgt Ion:244 Resp: 2627451

Ion Ratio Lower Upper

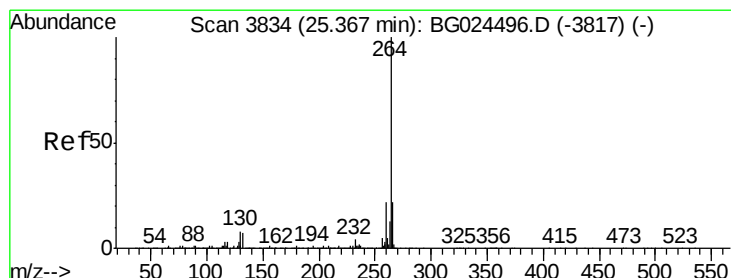
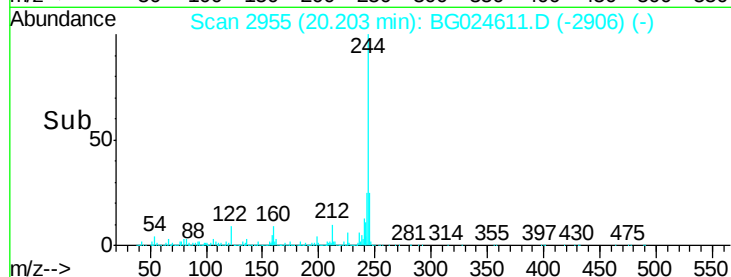
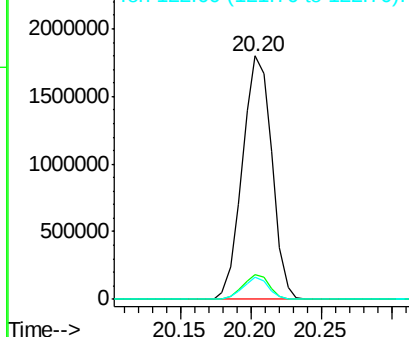
244 100

212 10.0 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: 25.34 min Scan# 3830

Delta R.T. -0.02 min

Lab File: BG024611.D

Acq: 2 Nov 2016 3:48

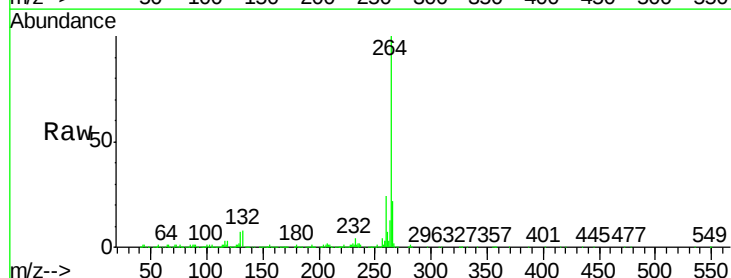
Tgt Ion:264 Resp: 1135452

Ion Ratio Lower Upper

264 100

260 24.3 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

