

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 07:19:39 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

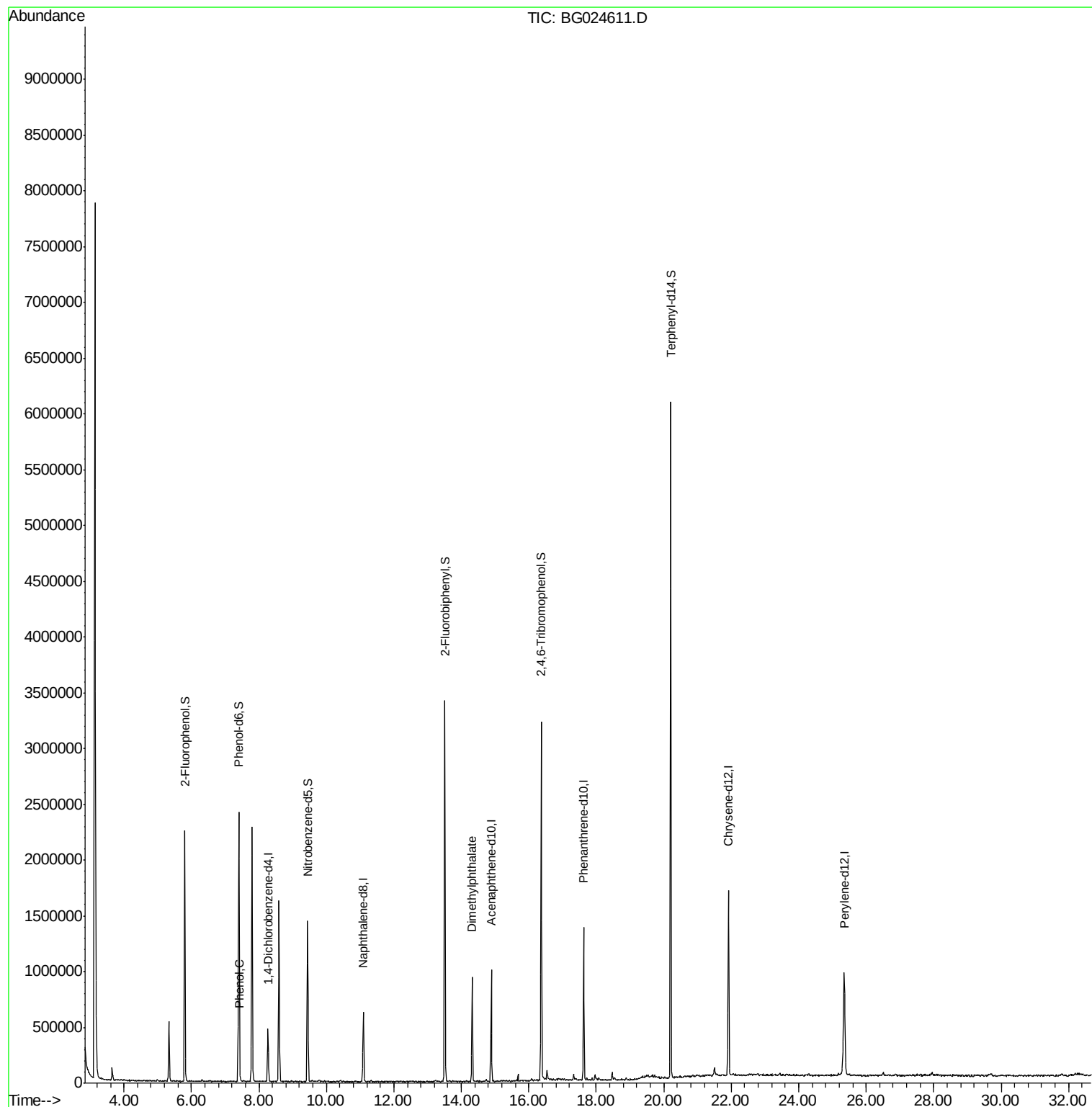
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	129854	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	510008	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	388379	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	833642	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1099495	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

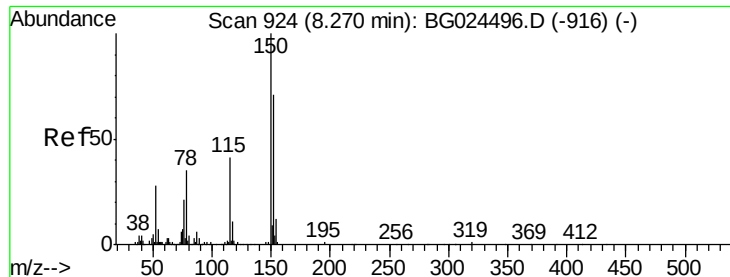
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

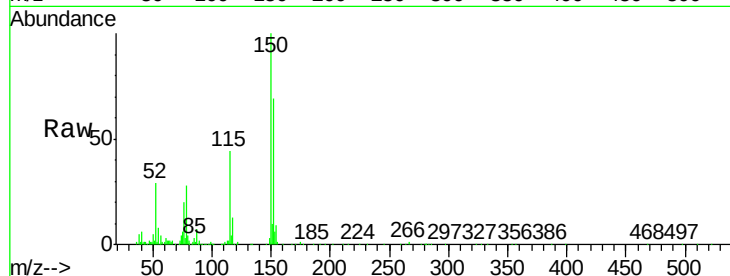
Tot Ion:152 Resp: 129854

Ion Ratio Lower Upper

152 100

150 145.3 114.0 171.0

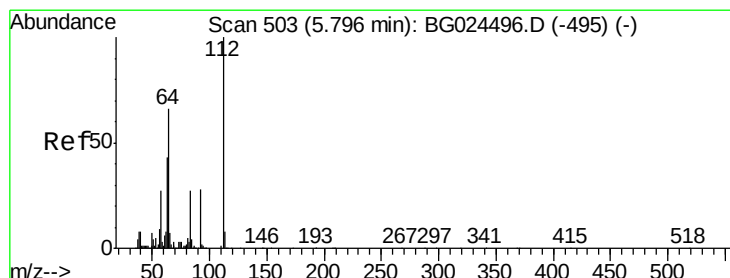
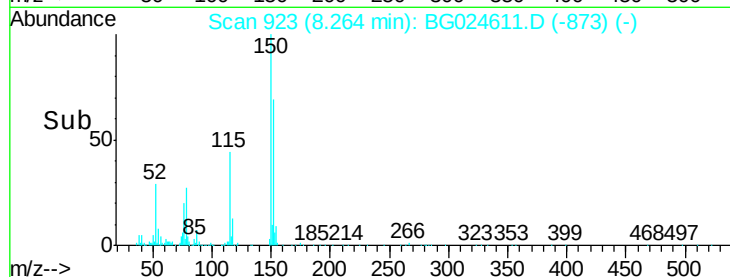
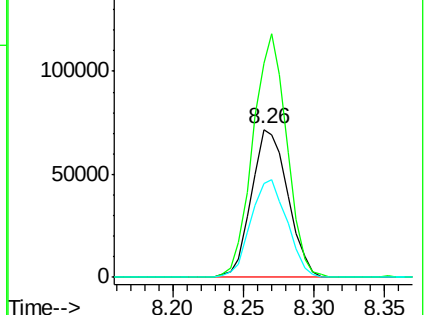
115 63.8 48.1 72.1



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

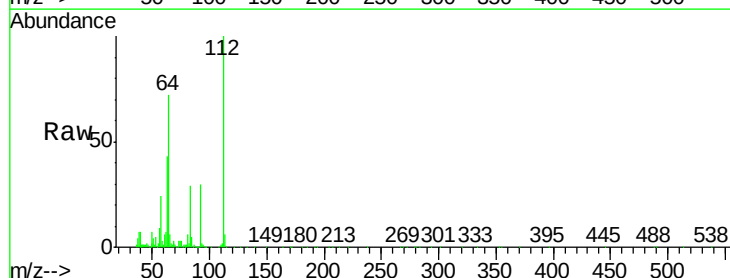
Tgt Ion:112 Resp: 917910

Ion Ratio Lower Upper

112 100

64 72.1 61.8 92.6

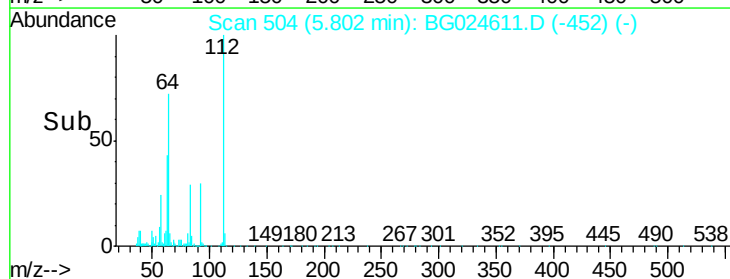
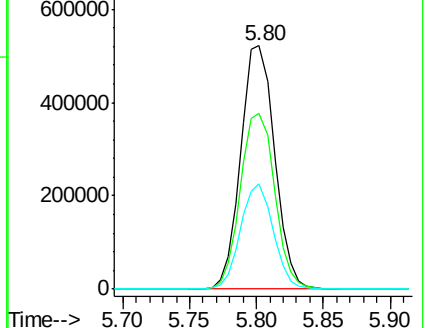
63 43.3 37.2 55.8

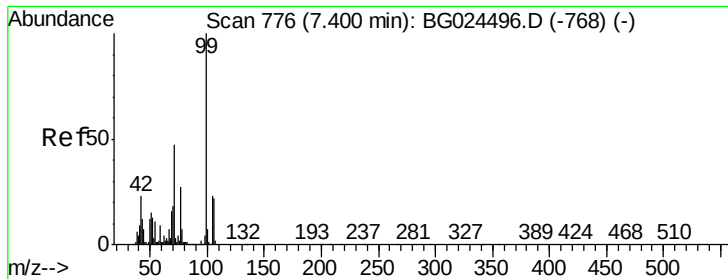


Abundance Ion 112.00 (111.70 to 112.70): E

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

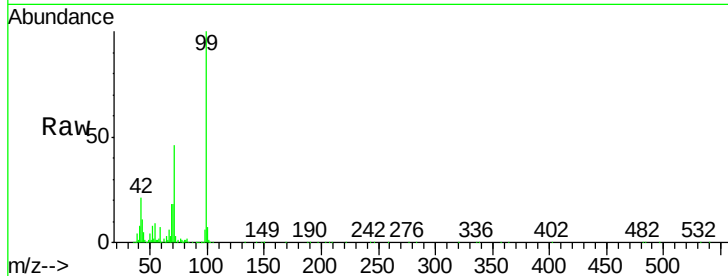
Tot Ion: 99 Resp: 1337940

Ion	Ratio	Lower	Upper
99	100		
42	20.7	20.5	30.7
71	46.4	37.6	56.4

99 100

42 20.7 20.5 30.7

71 46.4 37.6 56.4

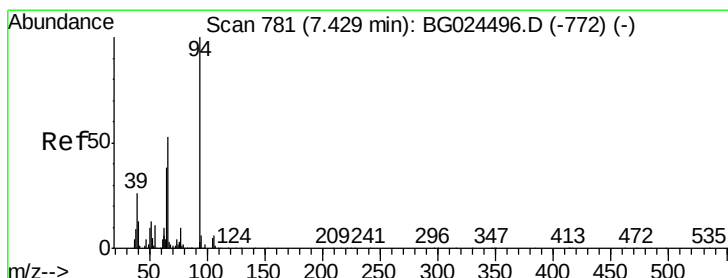
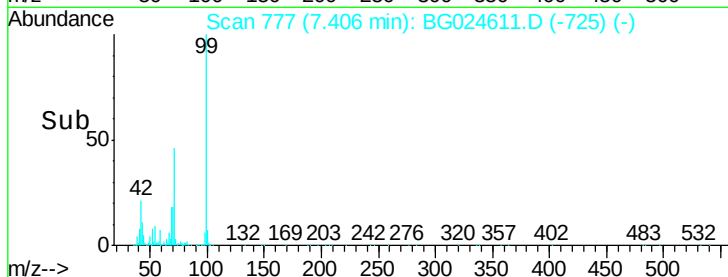
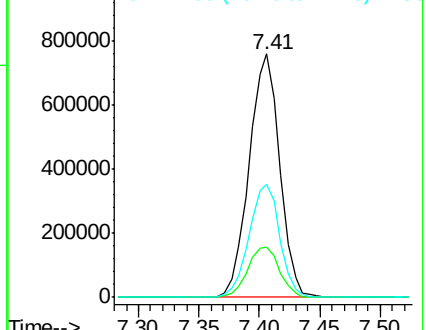


Abundance

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

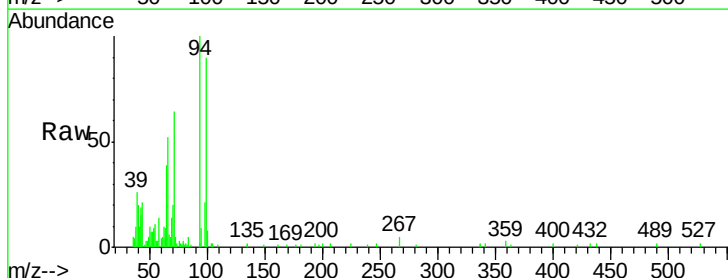
Tgt Ion: 94 Resp: 24371

Ion	Ratio	Lower	Upper
94	100		
65	39.4	20.6	60.6
66	52.5	35.5	75.5

94 100

65 39.4 20.6 60.6

66 52.5 35.5 75.5

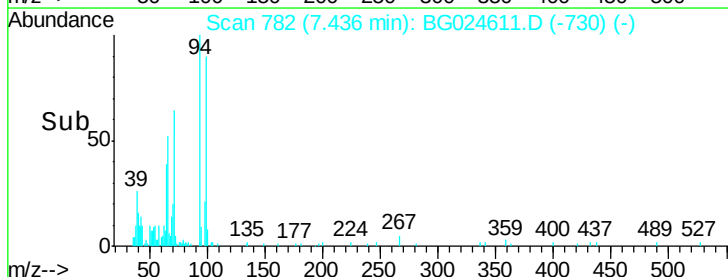
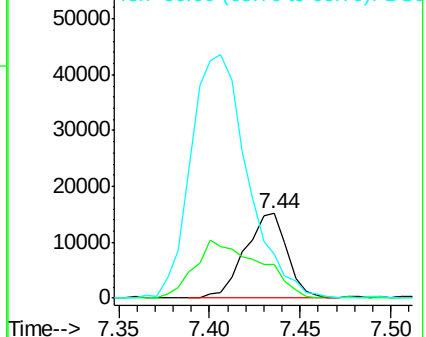


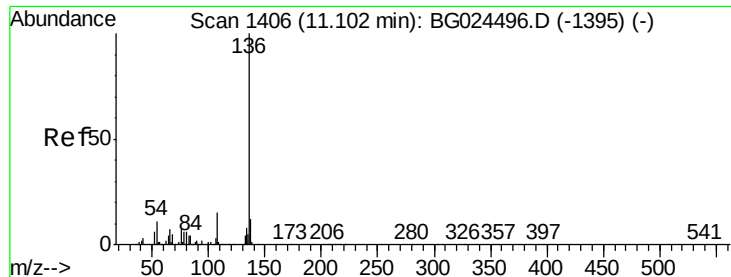
Abundance

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

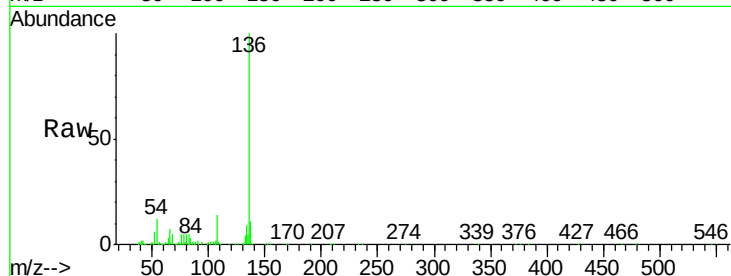




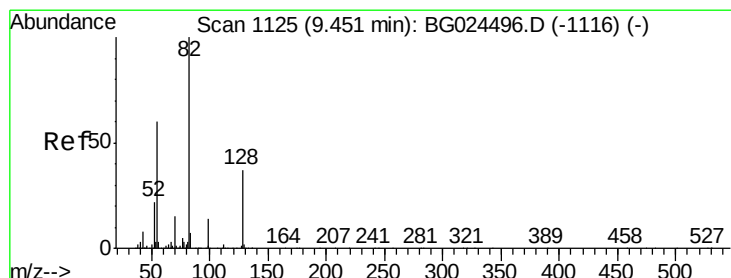
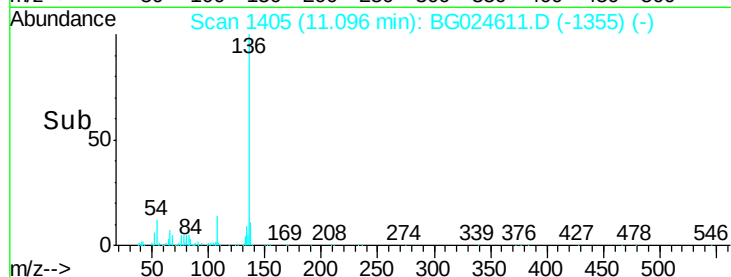
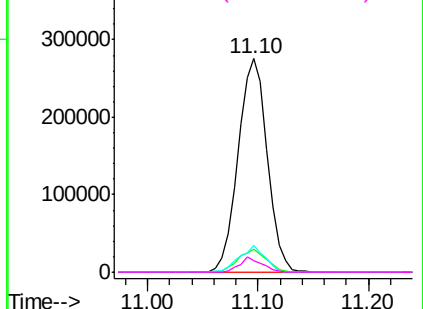
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024611.D
Acq: 2 Nov 2016 3:48

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

Tot 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

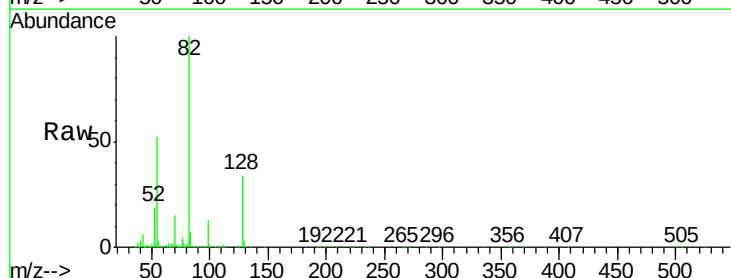


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

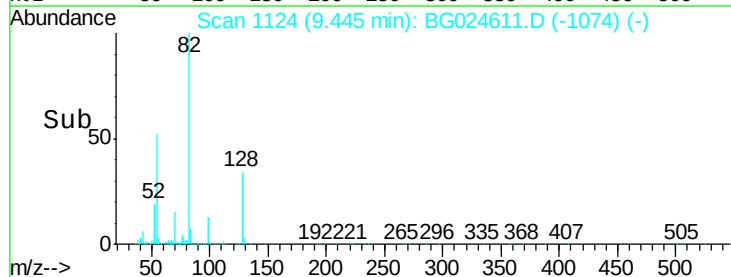
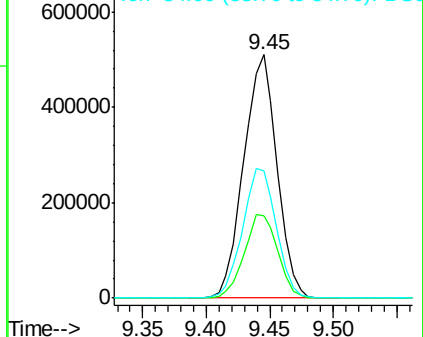


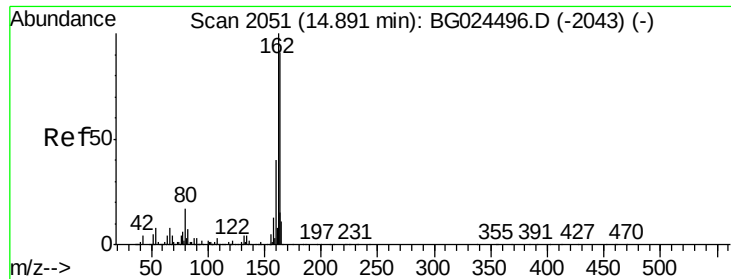
#23
Nitrobenzene-d5
Concen: 83.19 ng
RT: 9.45 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024611.D
Acq: 2 Nov 2016 3:48

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

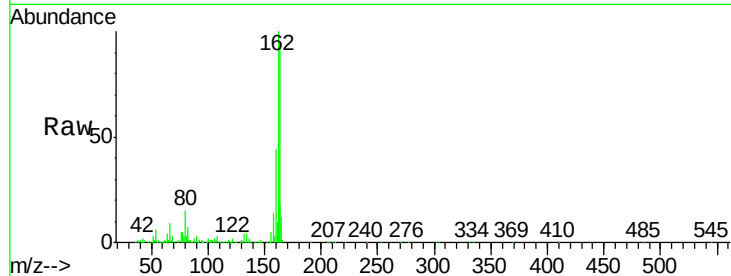
Tot Ion:164 Resp: 388379

Ion Ratio Lower Upper

164 100

162 106.2 85.1 127.7

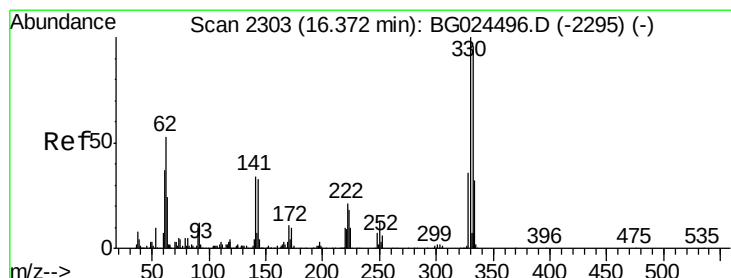
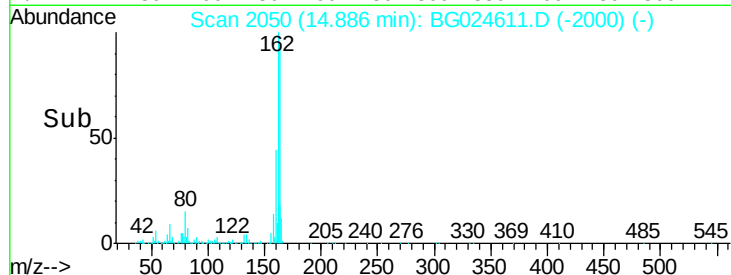
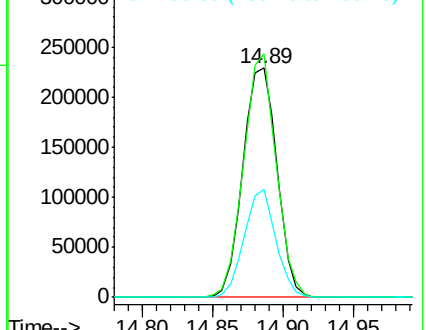
160 47.0 34.7 52.1



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

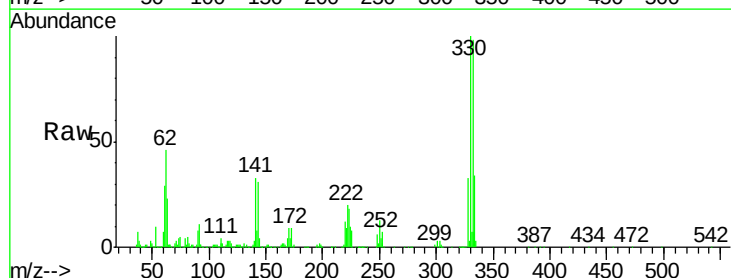
Tgt Ion:330 Resp: 674093

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

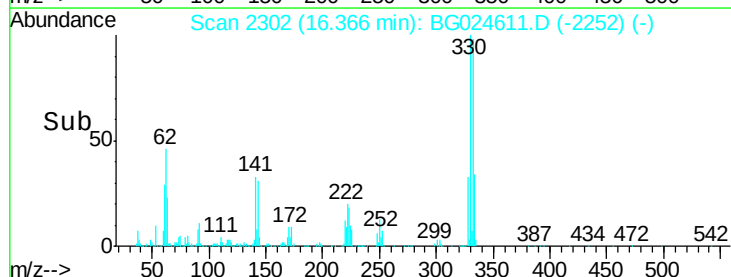
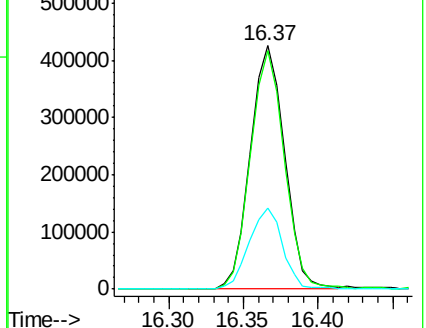
141 32.5 32.1 48.1

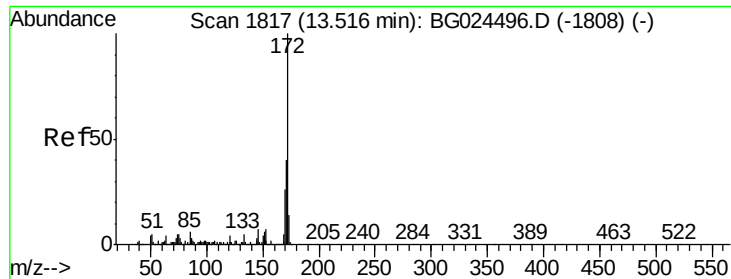


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

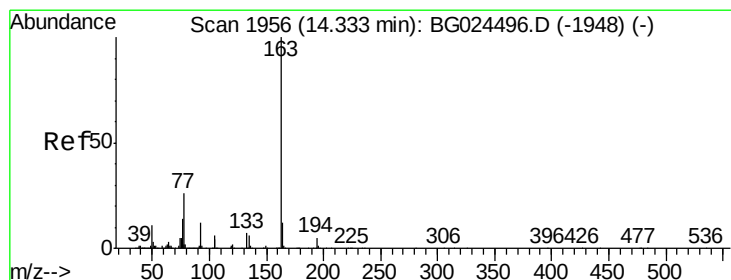
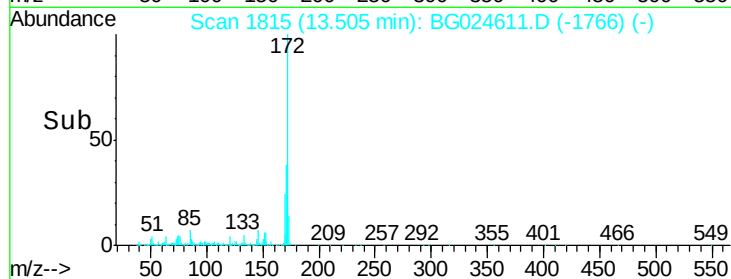
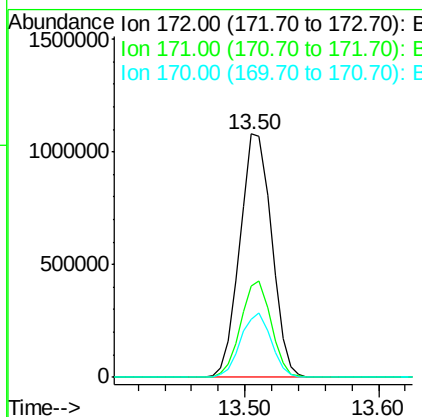
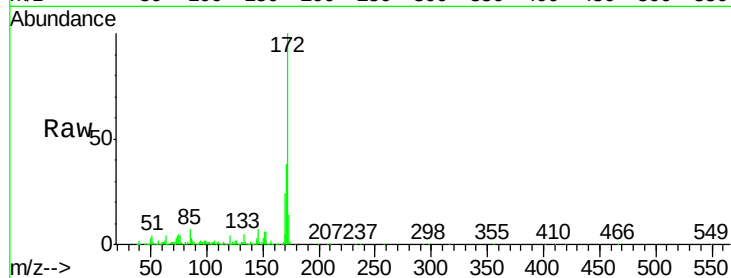




#44
2-Fluorobiphenyl
Concen: 76.12 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG024611.D
Acq: 2 Nov 2016 3:48

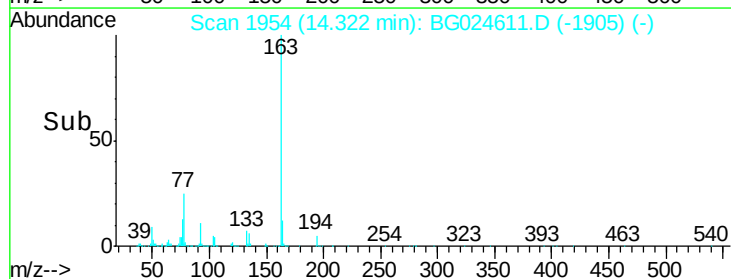
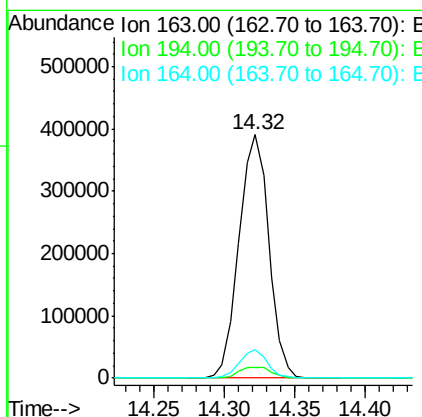
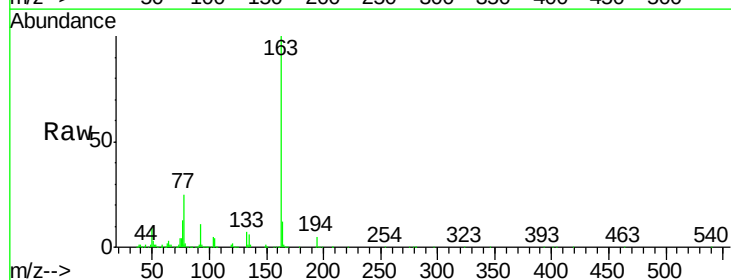
Instrument :
BNA_G
ClientSampleId :
SB-74-14.5-15.0

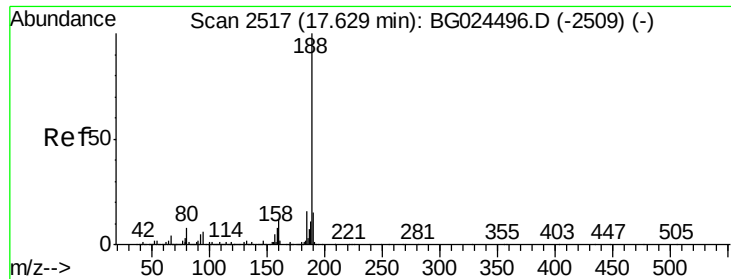
Tot Ion:172 Resp: 1778788
Ion Ratio Lower Upper
172 100
171 37.7 32.2 48.2
170 23.7 21.8 32.6



#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

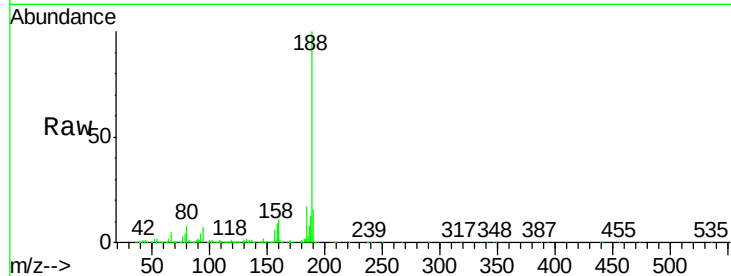
Tot Ion:188 Resp: 833642

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

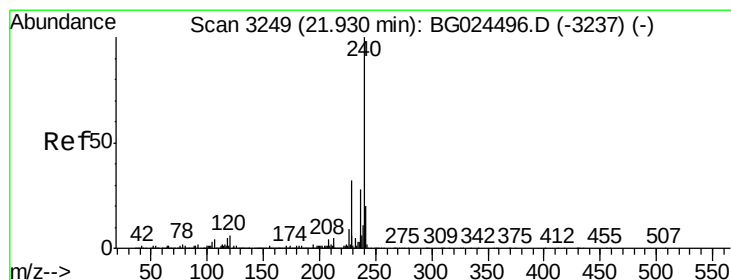
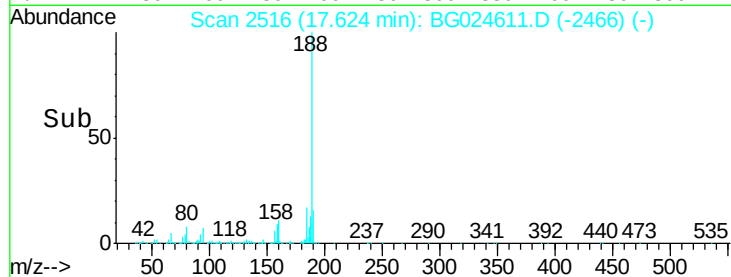
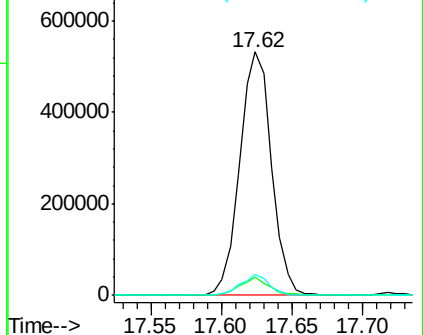
80 8.4 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#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

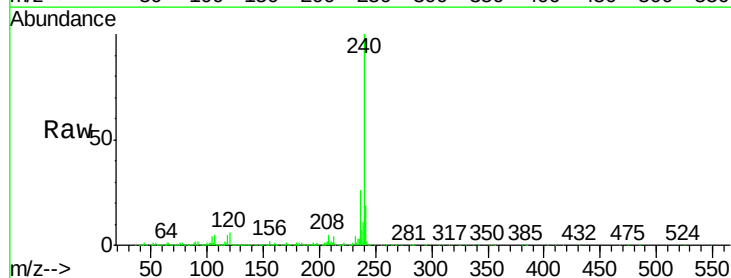
Tgt Ion:240 Resp: 1099495

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

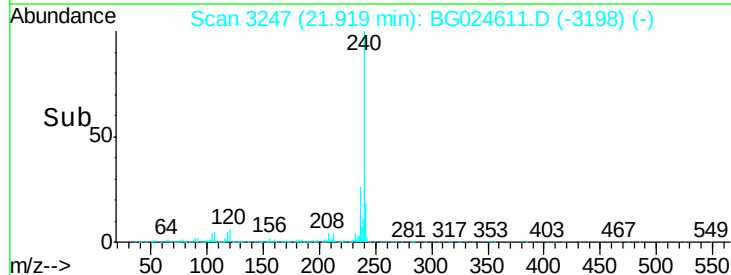
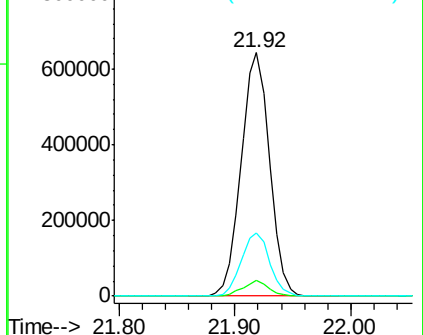
236 26.1 22.2 33.4

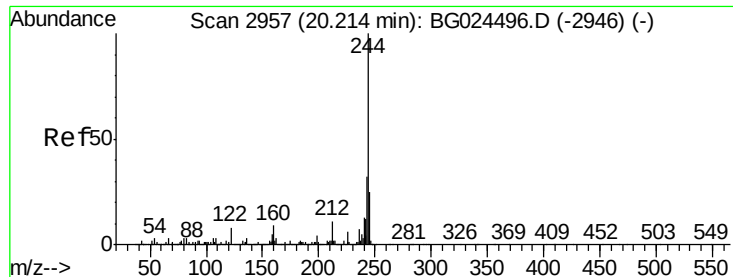


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

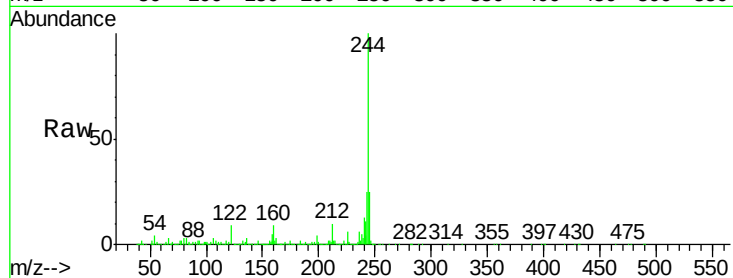
BNA_G

ClientSampleId :

SB-74-14.5-15.0

Tot Ion:244 Resp: 2627451

Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.0	15.0#
122	9.1	8.6	12.8

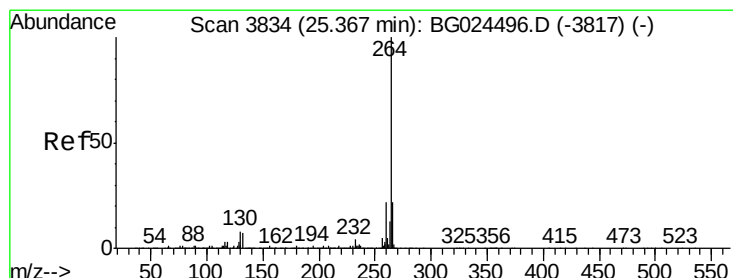
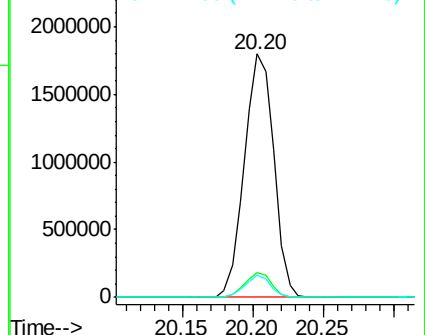
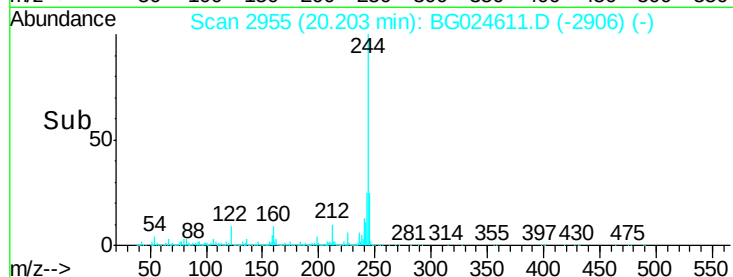


Abundance

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

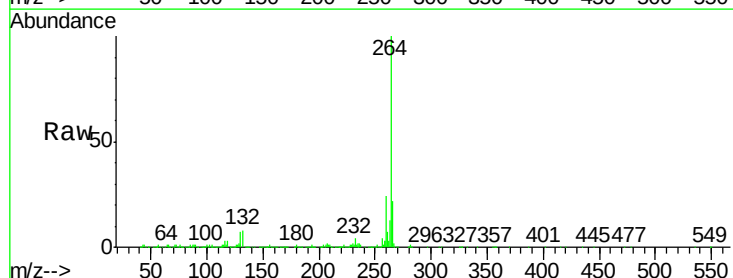
Delta R.T. -0.02 min

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

