

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024676.D
 Acq On : 4 Nov 2016 10:48
 Operator : UM/SJ
 Sample : H5509-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-95-1.0-1.5

Quant Time: Nov 04 11:50:08 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

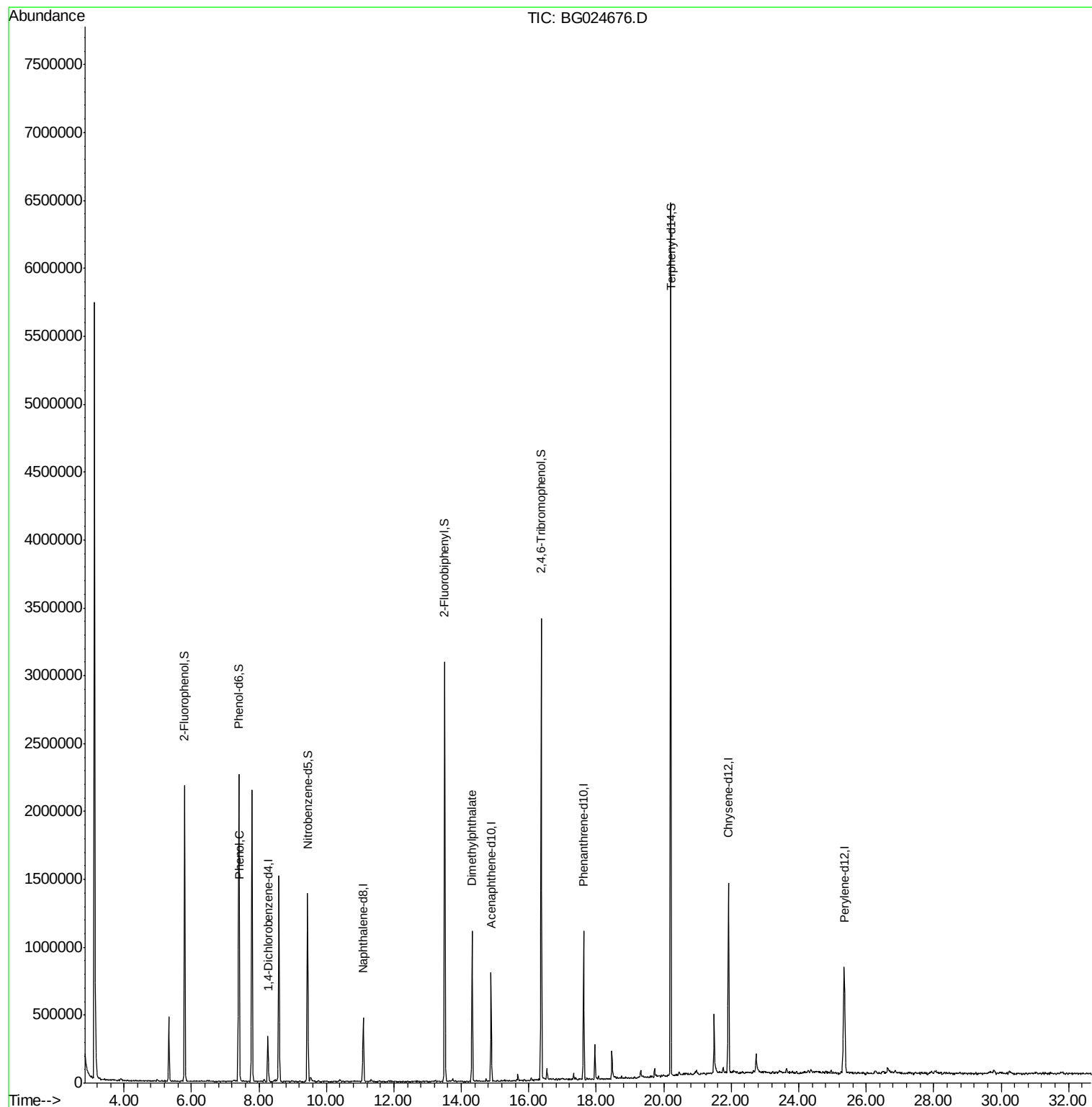
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	89124	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	375036	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	289444	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	681547	20.00	ng	0.00
75) Chrysene-d12	21.92	240	946966	20.00	ng	-0.01
86) Perylene-d12	25.34	264	979804	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	859271	158.02	ng	0.00
7) Phenol-d6	7.41	99	1237241	165.87	ng	0.00
23) Nitrobenzene-d5	9.44	82	863274	104.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	685468	158.52	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1536108	88.21	ng	-0.01
78) Terphenyl-d14	20.20	244	2708915	85.48	ng	-0.01
Target Compounds						
10) Phenol	7.42	94	20563	2.67	ng	Qvalue # 25
49) Dimethylphthalate	14.32	163	672165	32.71	ng	99

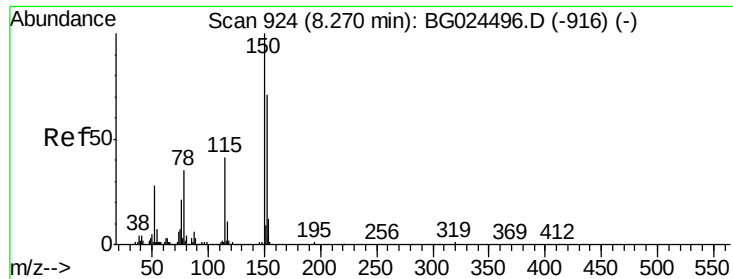
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG024676.D

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BNA_G

ClientSampleId :

SB-95-1.0-1.5

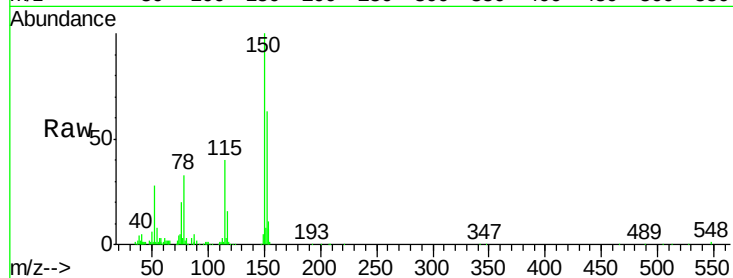
Tgt Ion:152 Resp: 89124

Ion Ratio Lower Upper

152 100

150 159.3 114.0 171.0

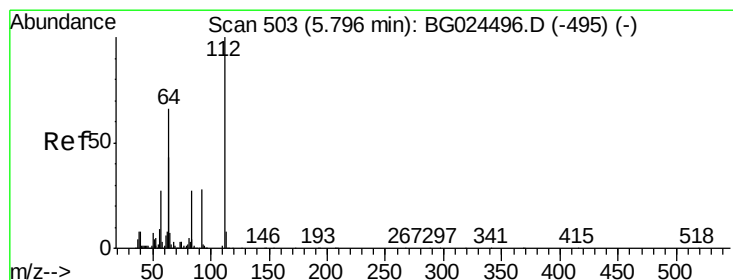
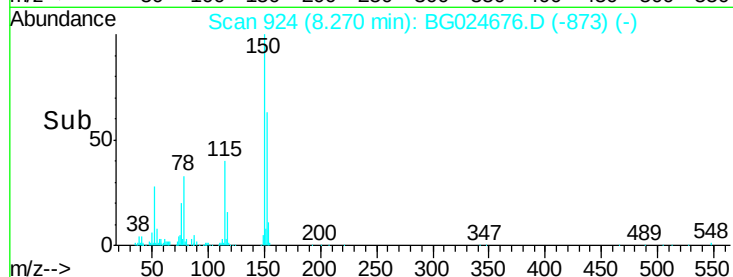
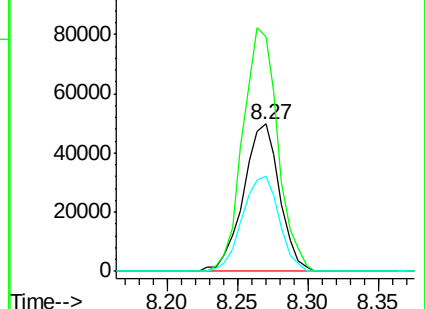
115 64.3 48.1 72.1



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: 158.02 ng

RT: 5.80 min Scan# 503

Delta R.T. 0.00 min

Lab File: BG024676.D

Acq: 4 Nov 2016 10:48

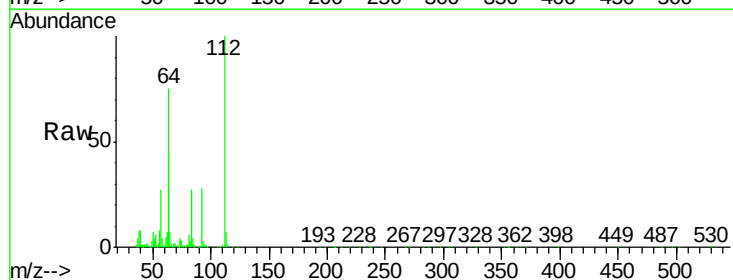
Tgt Ion:112 Resp: 859271

Ion Ratio Lower Upper

112 100

64 75.0 61.8 92.6

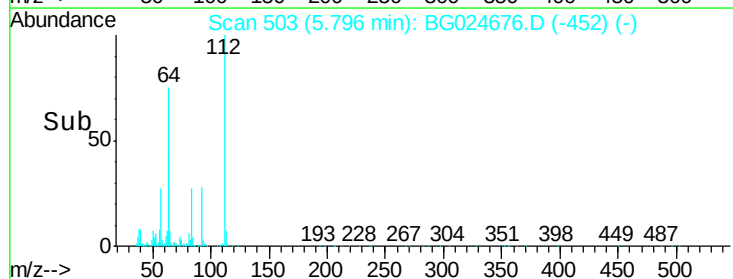
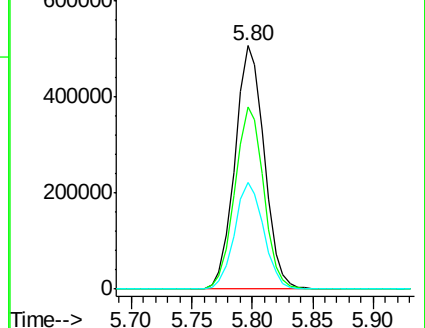
63 43.7 37.2 55.8

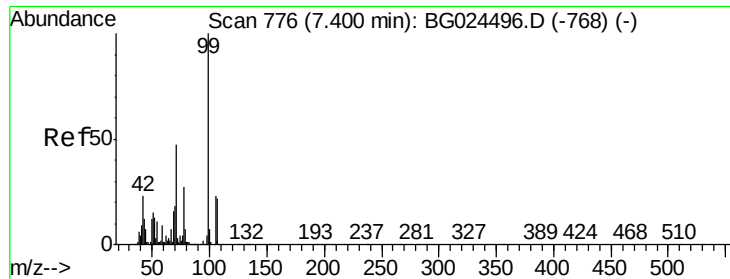


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 165.87 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024676.D

Acq: 4 Nov 2016 10:48

Instrument :

BNA_G

ClientSampleId :

SB-95-1.0-1.5

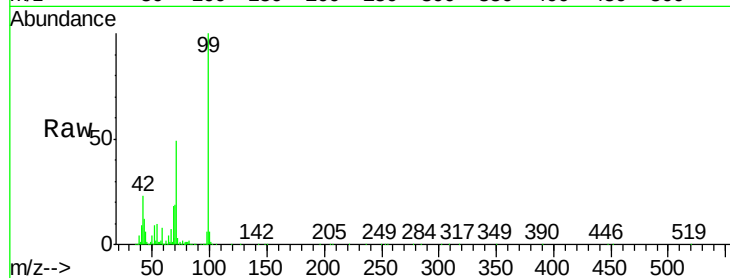
Tgt Ion: 99 Resp: 1237241

Ion Ratio Lower Upper

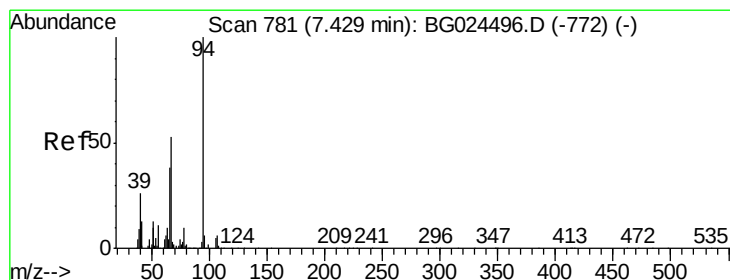
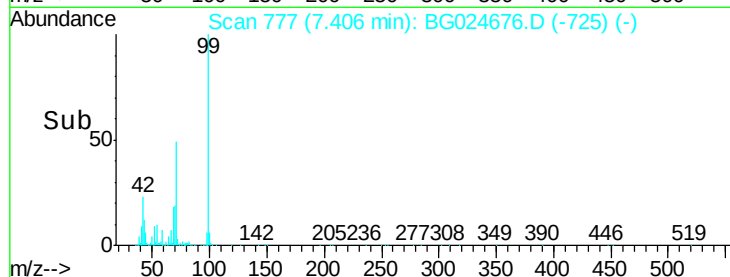
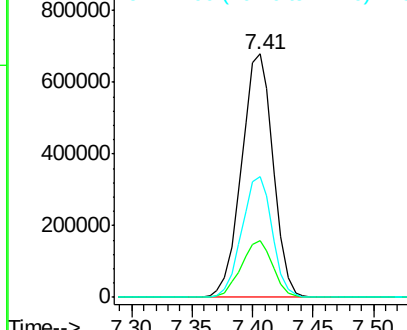
99 100

42 23.1 20.5 30.7

71 49.5 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: 2.67 ng

RT: 7.42 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG024676.D

Acq: 4 Nov 2016 10:48

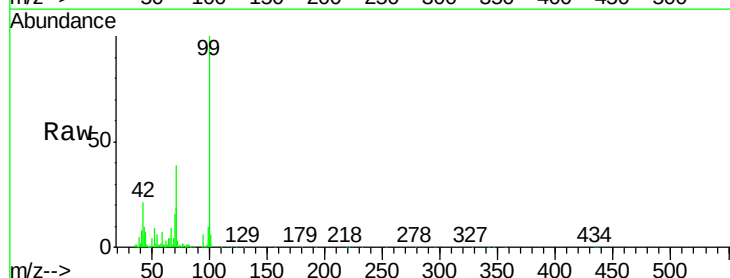
Tgt Ion: 94 Resp: 20563

Ion Ratio Lower Upper

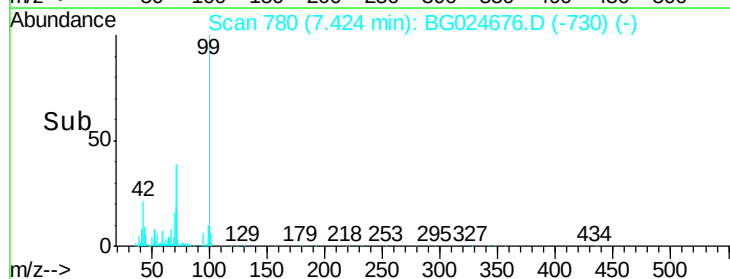
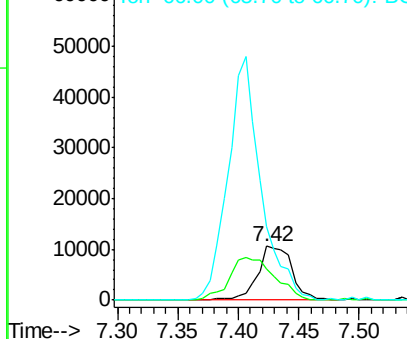
94 100

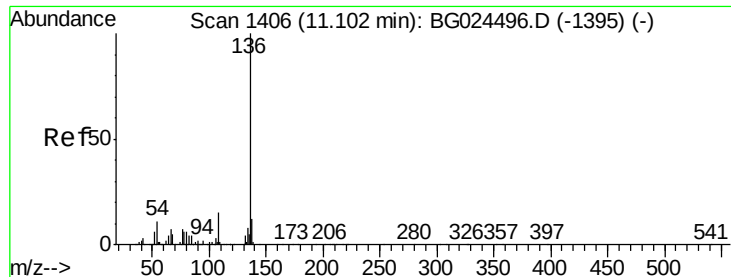
65 56.8 20.6 60.6

66 135.9 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# 1404

Delta R.T. -0.01 min

Lab File: BG024676.D

Acq: 4 Nov 2016 10:48

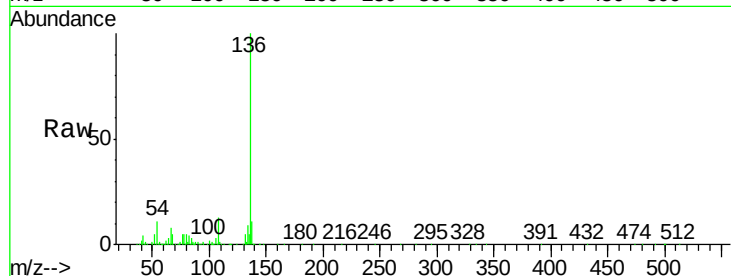
Instrument :

BNA_G

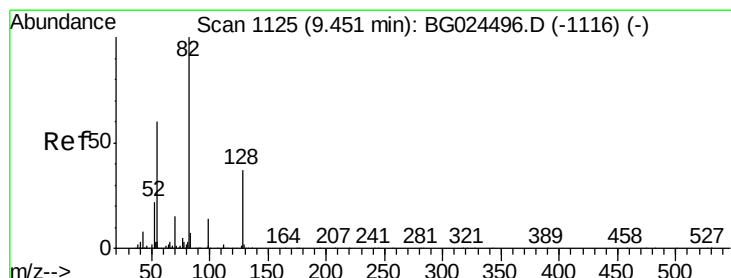
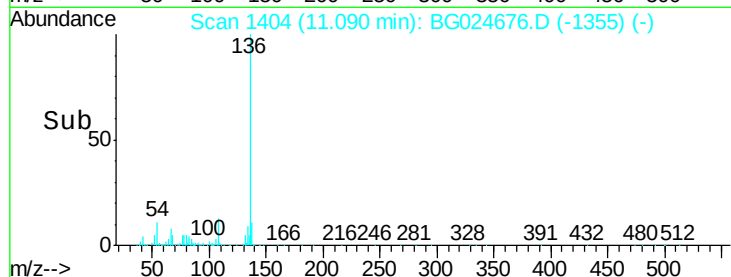
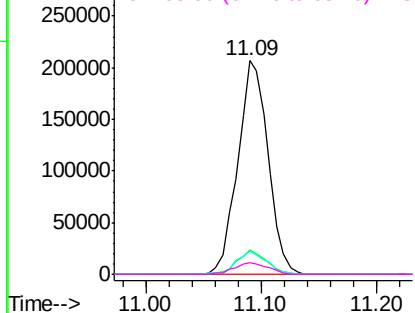
ClientSampleId :

SB-95-1.0-1.5

Tgt Ion:	136	Resp:	375036
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.1	9.3	13.9
68	5.2	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: 104.80 ng

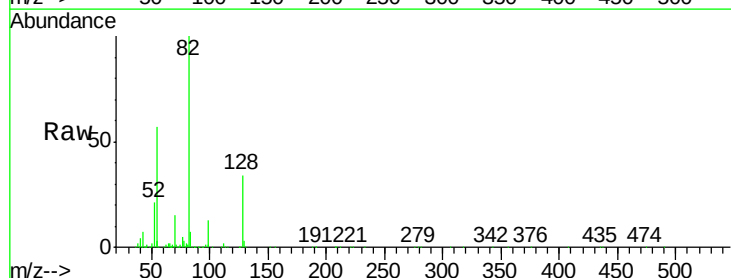
RT: 9.44 min Scan# 1123

Delta R.T. -0.01 min

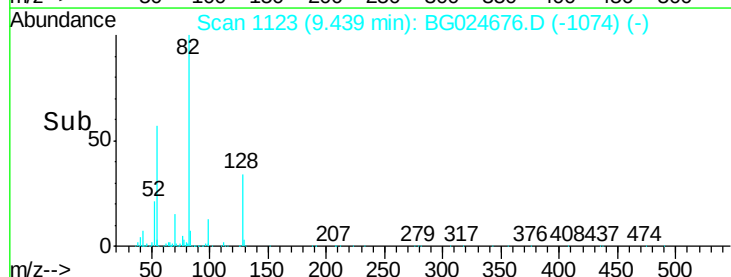
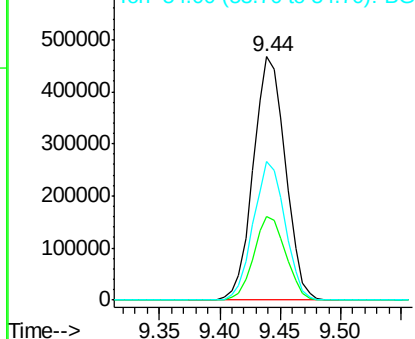
Lab File: BG024676.D

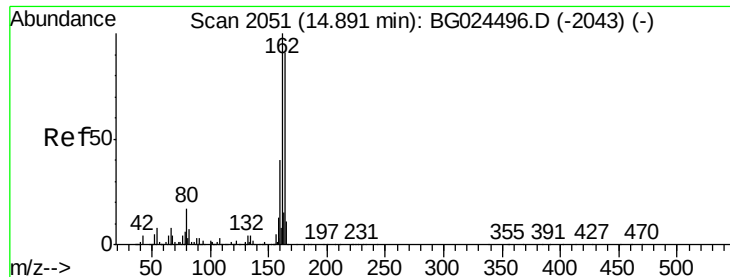
Acq: 4 Nov 2016 10:48

Tgt Ion:	82	Resp:	863274
Ion	Ratio	Lower	Upper
82	100		
128	34.4	26.4	39.6
54	57.1	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: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG024676.D

Acq: 4 Nov 2016 10:48

Instrument :

BNA_G

ClientSampleId :

SB-95-1.0-1.5

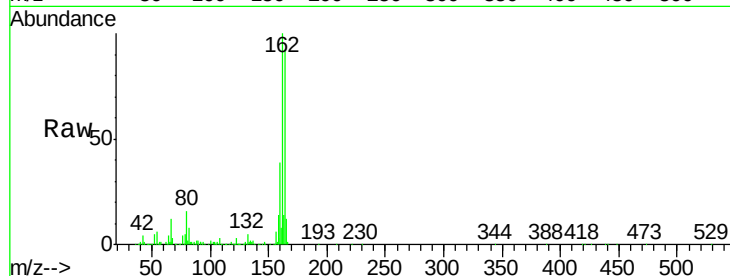
Tgt Ion:164 Resp: 289444

Ion Ratio Lower Upper

164 100

162 108.3 85.1 127.7

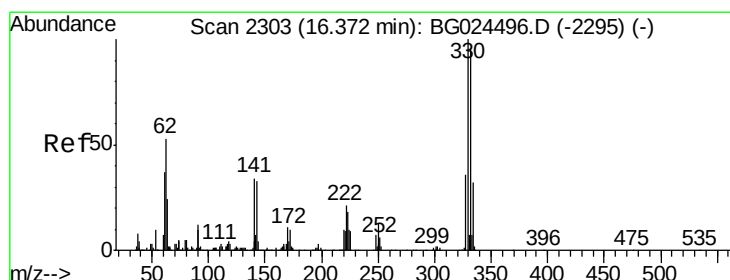
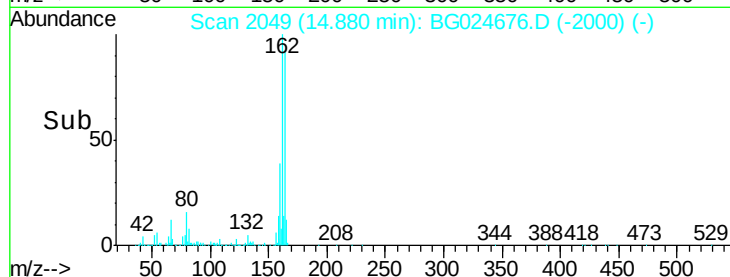
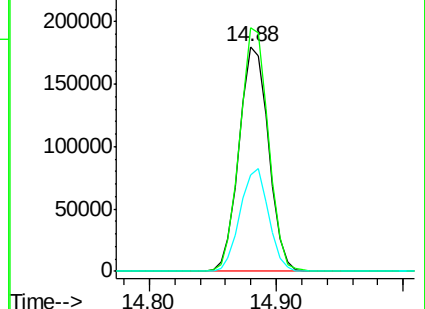
160 42.7 34.7 52.1



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: 158.52 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024676.D

Acq: 4 Nov 2016 10:48

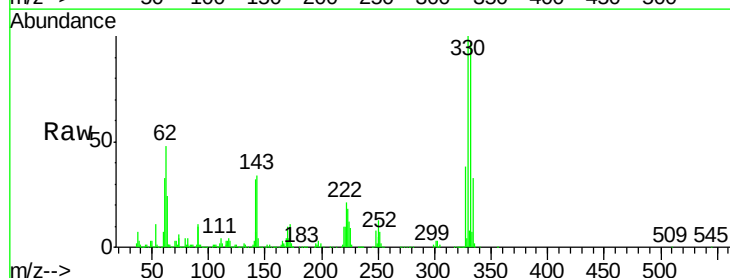
Tgt Ion:330 Resp: 685468

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

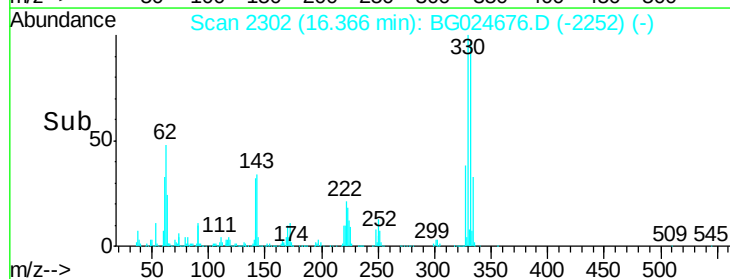
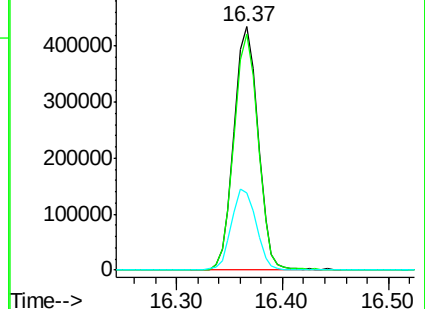
141 34.0 32.1 48.1

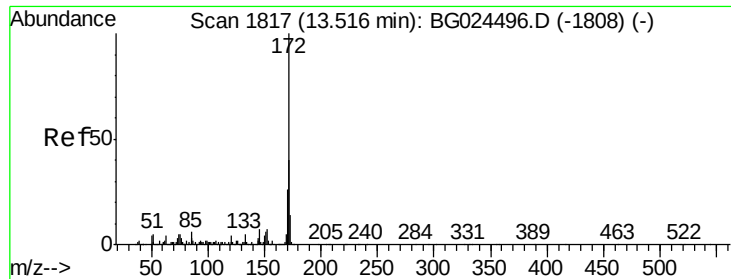


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

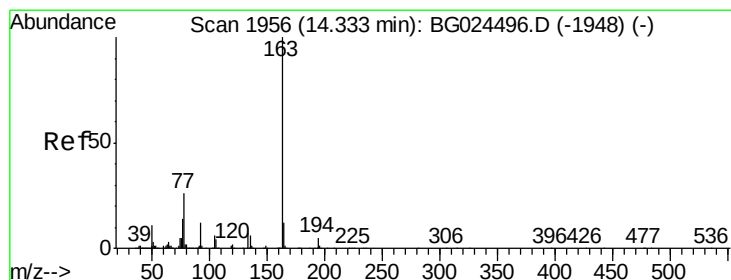
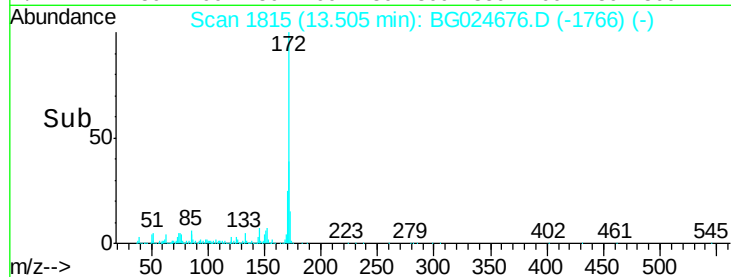
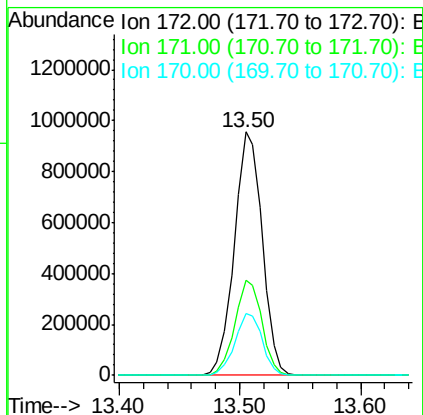
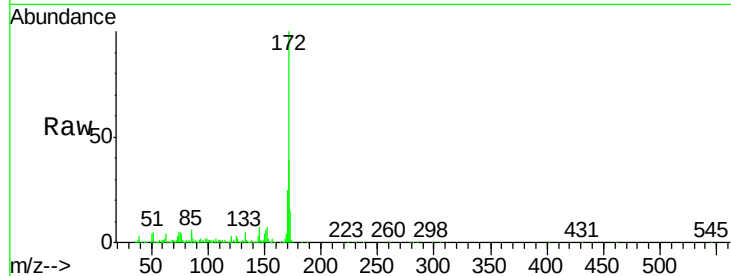




#44
2-Fluorobiphenyl
Concen: 88.21 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG024676.D
Acq: 4 Nov 2016 10:48

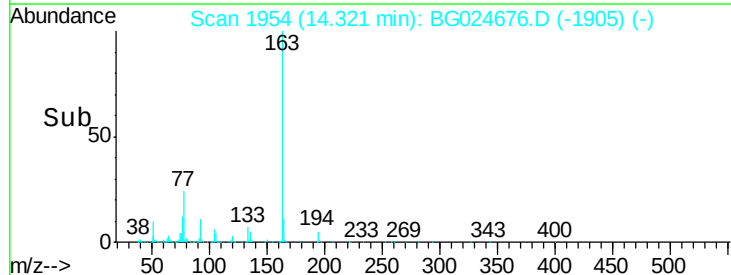
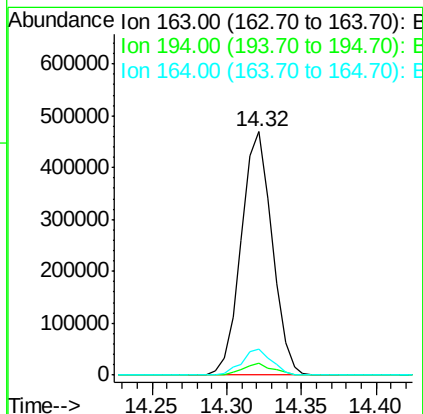
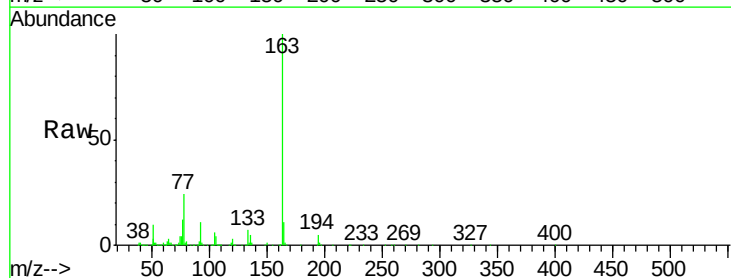
Instrument :
BNA_G
ClientSampleId :
SB-95-1.0-1.5

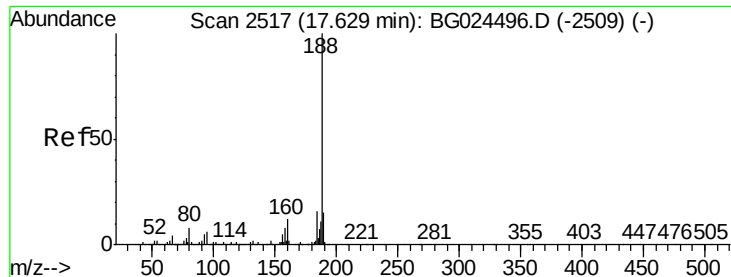
Tgt Ion:172 Resp: 1536108
Ion Ratio Lower Upper
172 100
171 39.0 32.2 48.2
170 25.3 21.8 32.6



#49
Dimethylphthalate
Concen: 32.71 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024676.D
Acq: 4 Nov 2016 10:48

Tgt Ion:163 Resp: 672165
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 10.9 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: BG024676.D

Acq: 4 Nov 2016 10:48

Instrument :

BNA_G

ClientSampleId :

SB-95-1.0-1.5

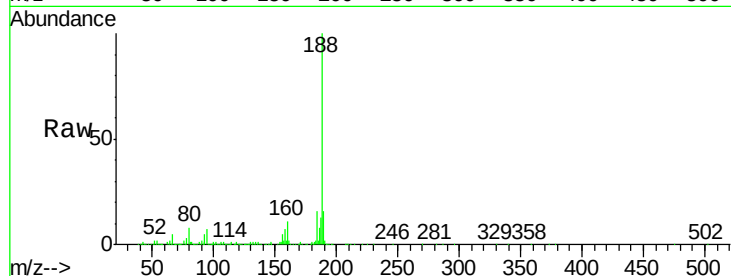
Tgt Ion:188 Resp: 681547

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

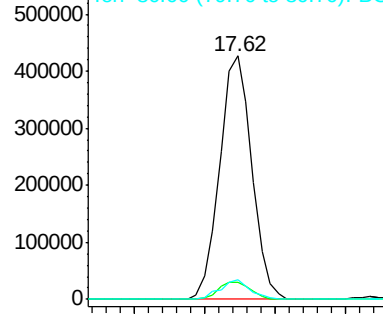
80 8.0 7.5 11.3



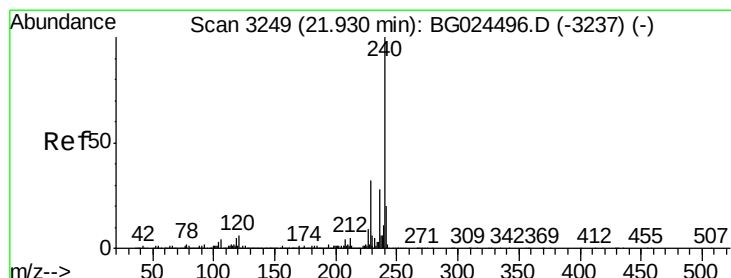
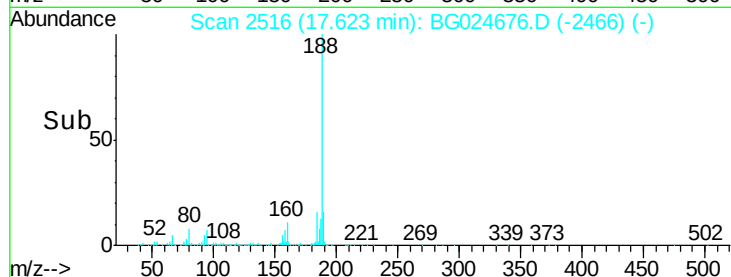
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024676.D

Acq: 4 Nov 2016 10:48

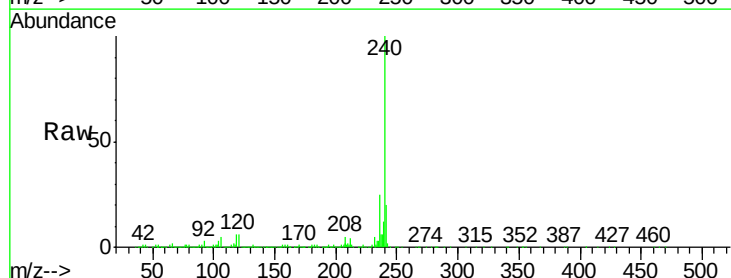
Tgt Ion:240 Resp: 946966

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

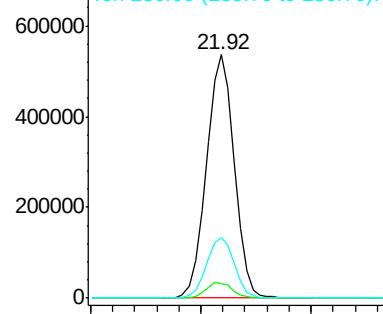
236 24.9 22.2 33.4



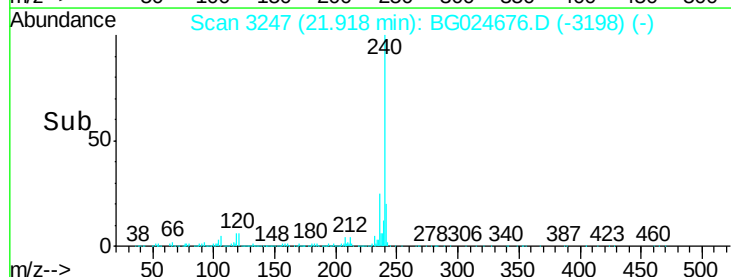
Abundance Ion 240.00 (239.70 to 240.70): E

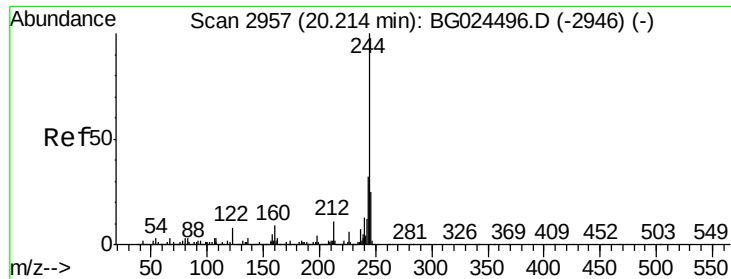
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 85.48 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024676.D

Acq: 4 Nov 2016 10:48

Instrument :

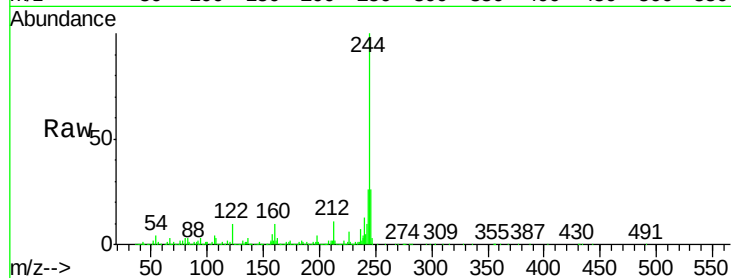
BNA_G

ClientSampleId :

SB-95-1.0-1.5

Tgt Ion:244 Resp: 2708915

Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.0	15.0
122	9.7	8.6	12.8

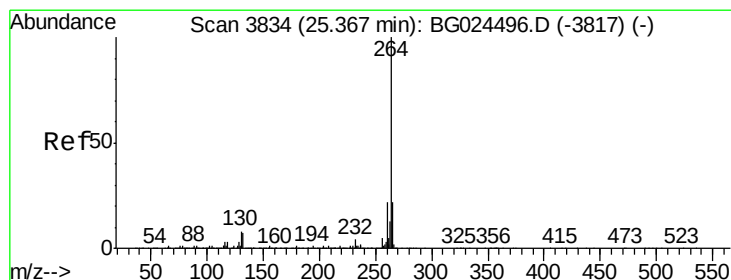
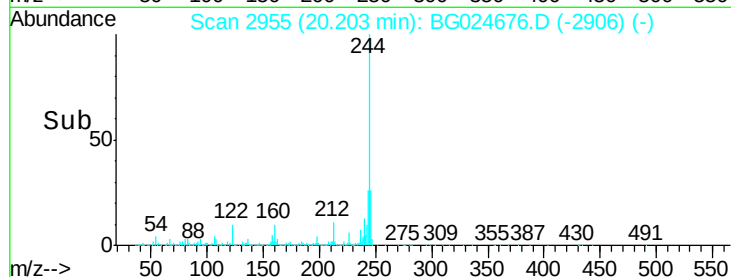
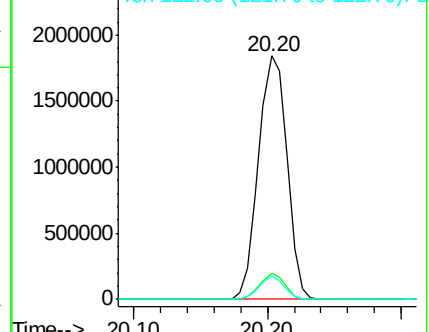


Abundance

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

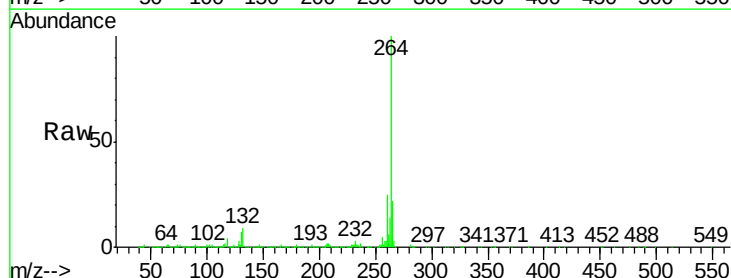
Delta R.T. -0.02 min

Lab File: BG024676.D

Acq: 4 Nov 2016 10:48

Tgt Ion:264 Resp: 979804

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.8	32.8
265	22.0	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

