

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025942.D
 Acq On : 24 Feb 2017 21:40
 Operator : SJ/MA
 Sample : I1973-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2-Y6-BASE

Quant Time: Feb 24 22:42:12 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

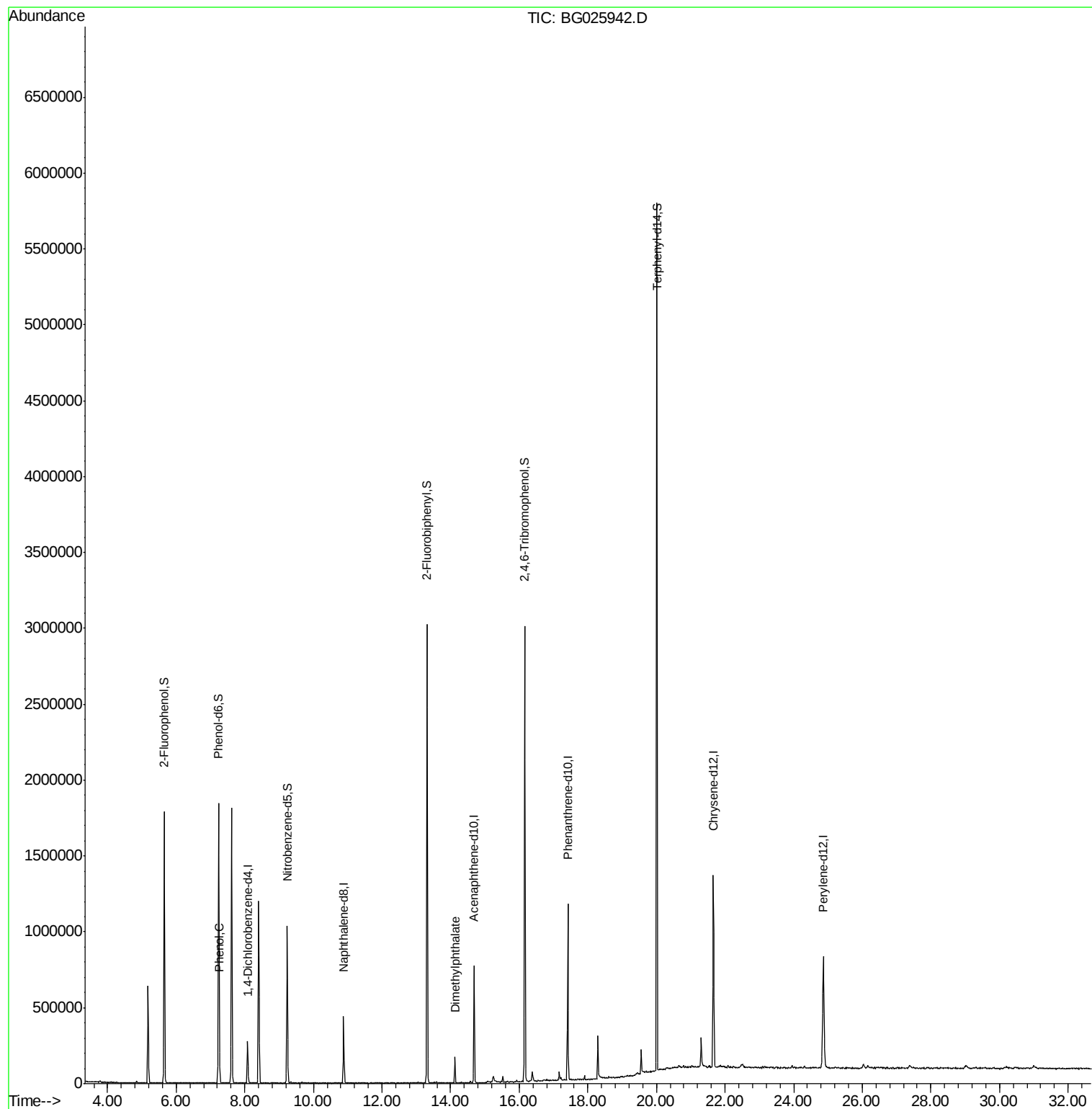
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	82519	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	384769	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	260391	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	712323	20.00	ng	0.00
75) Chrysene-d12	21.66	240	775385	20.00	ng	-0.02
86) Perylene-d12	24.86	264	747888	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	831776	175.49	ng	0.00
7) Phenol-d6	7.24	99	1184228	168.84	ng	0.00
23) Nitrobenzene-d5	9.24	82	635413	104.22	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	574233	238.69	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1587673	106.54	ng	0.00
78) Terphenyl-d14	20.01	244	2389130	74.94	ng	0.00
Target Compounds						
10) Phenol	7.26	94	52273	6.86	ng	Qvalue # 73
49) Dimethylphthalate	14.13	163	120644	6.75	ng	97

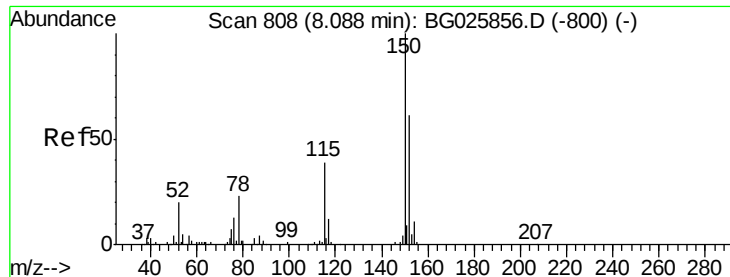
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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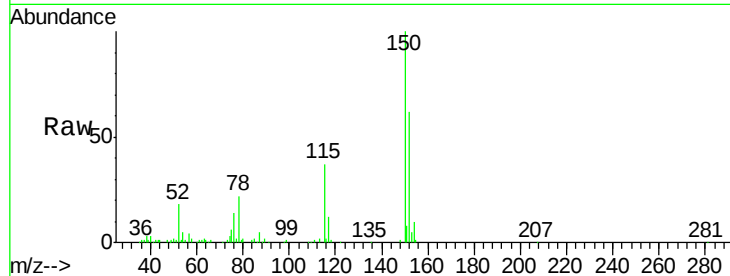


#1

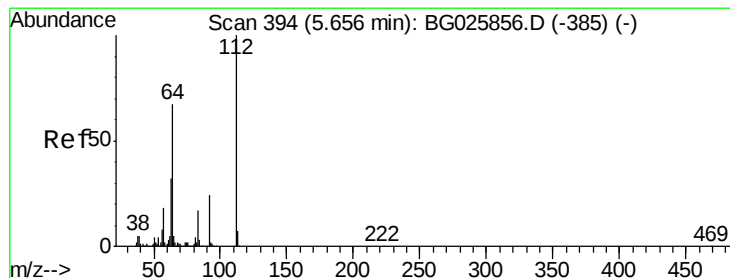
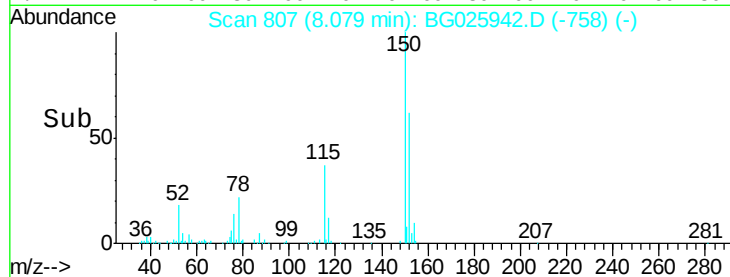
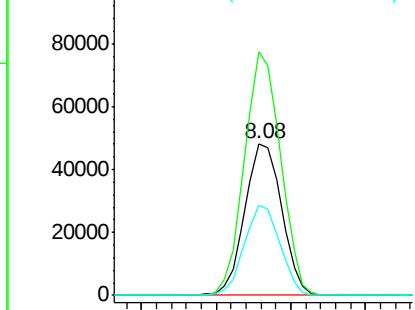
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025942.D
Acq: 24 Feb 2017 21:40

Instrument :
BNA_G
ClientSampleId :
E2-Y6-BASE

Tgt Ion:152 Resp: 82519
Ion Ratio Lower Upper
152 100
150 160.8 114.0 171.0
115 59.4 48.1 72.1



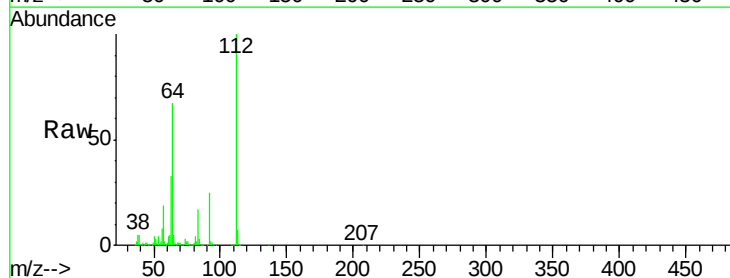
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



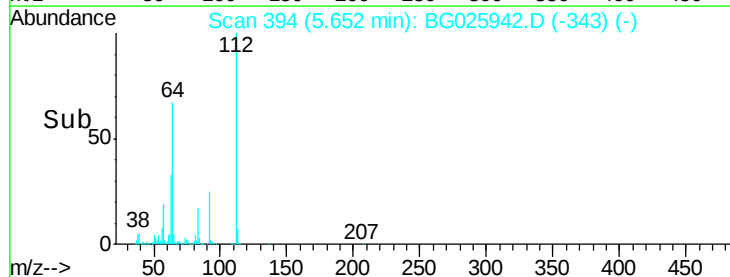
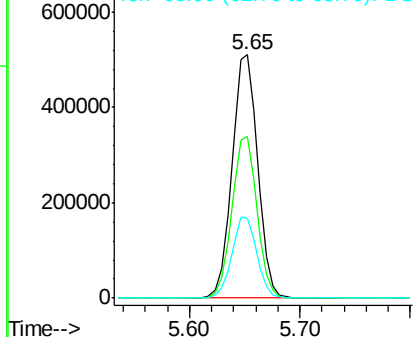
#5

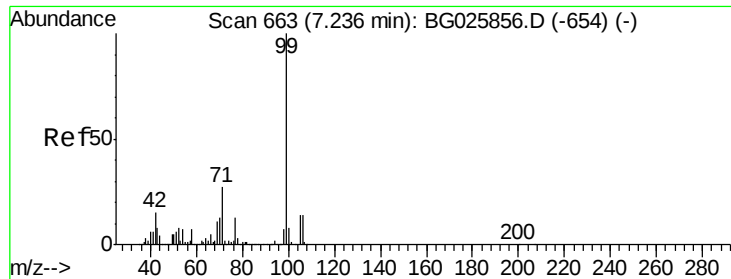
2-Fluorophenol
Concen: 175.49 ng
RT: 5.65 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG025942.D
Acq: 24 Feb 2017 21:40

Tgt Ion:112 Resp: 831776
Ion Ratio Lower Upper
112 100
64 66.6 61.8 92.6
63 32.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 168.84 ng

RT: 7.24 min Scan# 664

Delta R.T. 0.00 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6-BASE

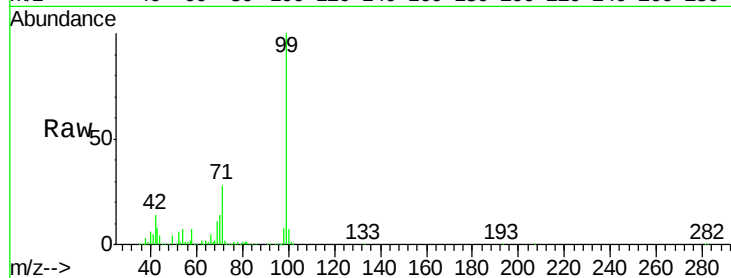
Tgt Ion: 99 Resp: 1184228

Ion Ratio Lower Upper

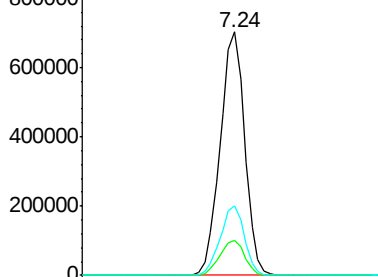
99 100

42 14.5 20.5 30.7#

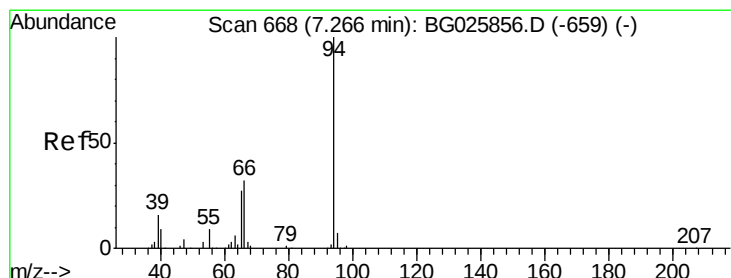
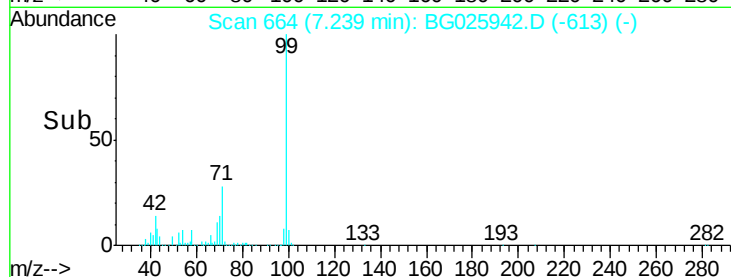
71 28.5 37.6 56.4#



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



Time-->



#10

Phenol

Concen: 6.86 ng

RT: 7.26 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

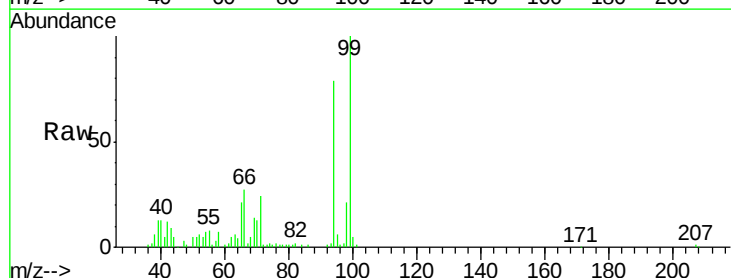
Tgt Ion: 94 Resp: 52273

Ion Ratio Lower Upper

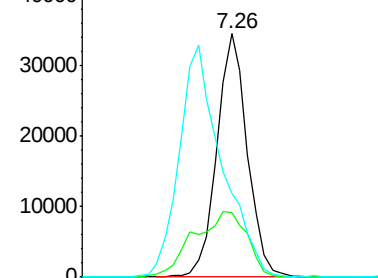
94 100

65 26.6 20.6 60.6

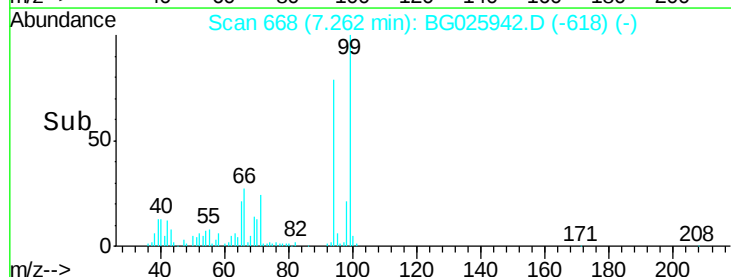
66 34.1 35.5 75.5#

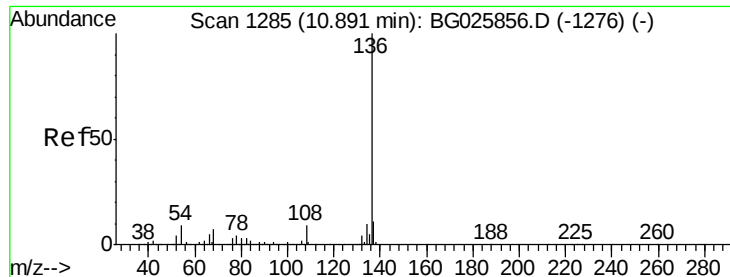


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6-BASE

Tgt Ion: 136 Resp: 384769

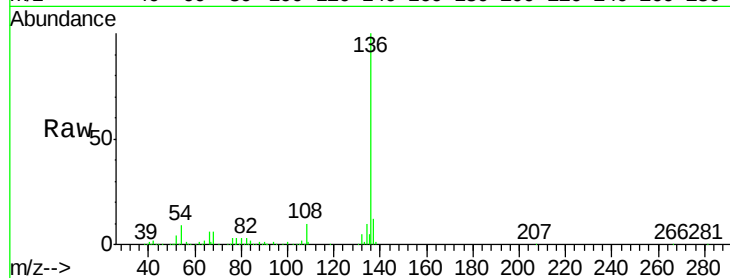
Ion Ratio Lower Upper

136 100

137 12.2 8.9 13.3

54 9.4 9.3 13.9

68 6.4 5.1 7.7

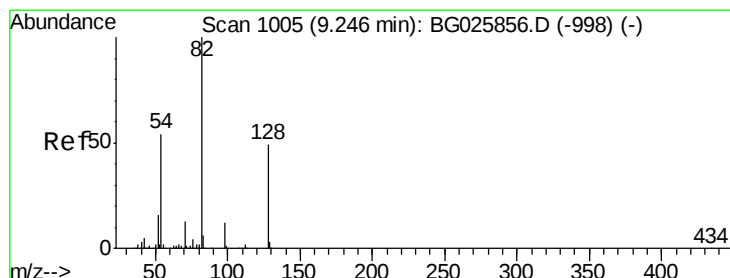
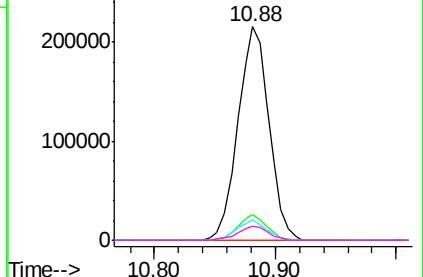
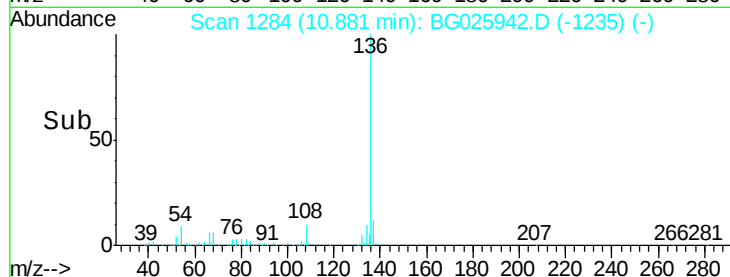


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.22 ng

RT: 9.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

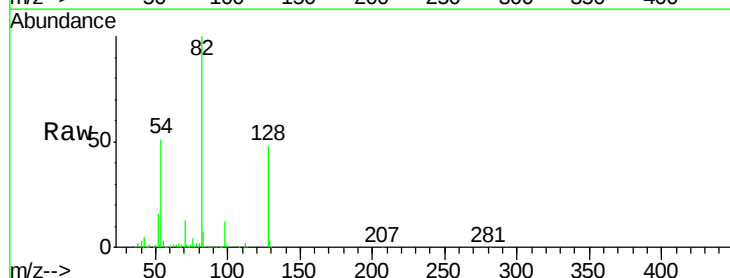
Tgt Ion: 82 Resp: 635413

Ion Ratio Lower Upper

82 100

128 48.0 26.4 39.6#

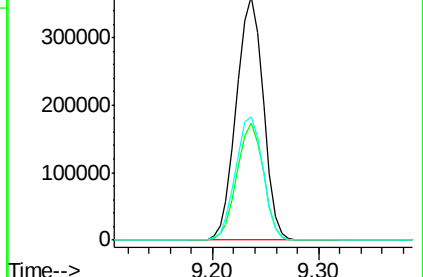
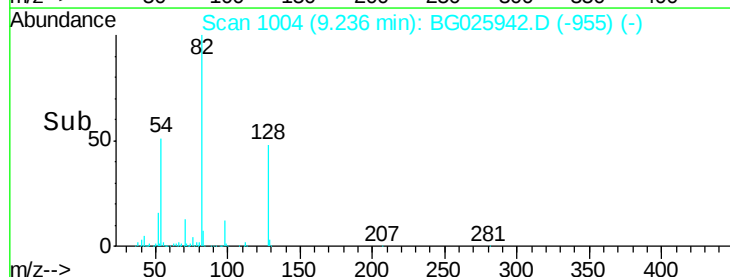
54 50.8 49.4 74.2

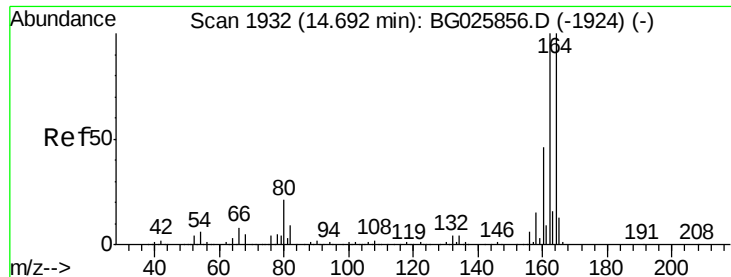


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.68 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6-BASE

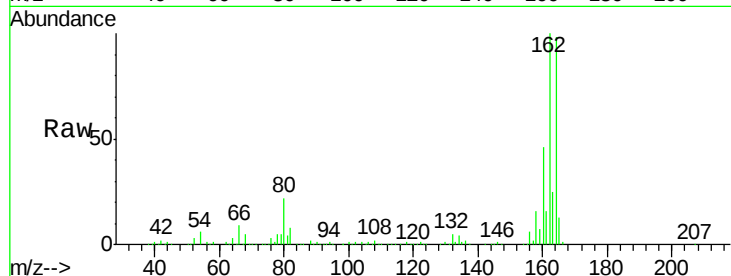
Tgt Ion:164 Resp: 260391

Ion Ratio Lower Upper

164 100

162 101.8 85.1 127.7

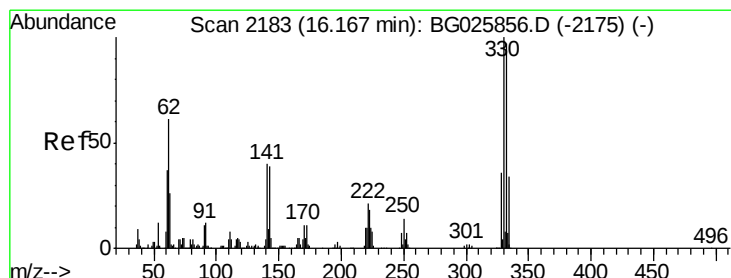
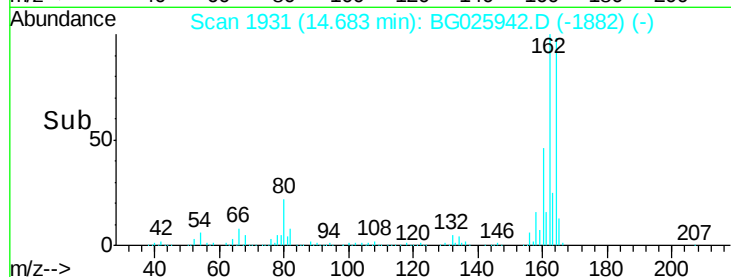
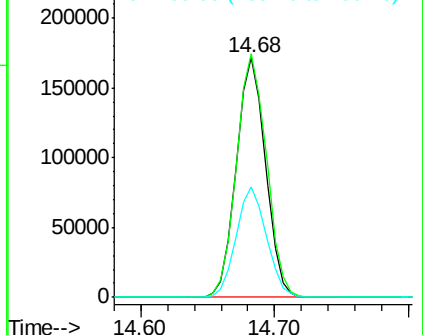
160 46.3 34.7 52.1



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: 238.69 ng

RT: 16.16 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

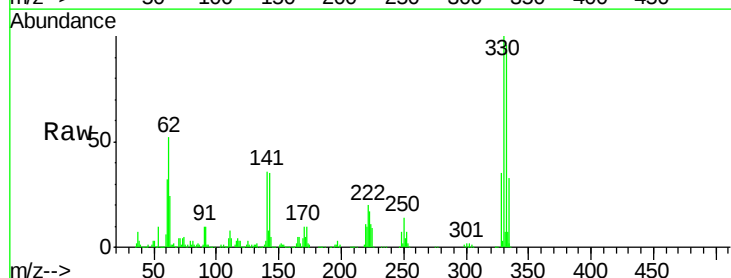
Tgt Ion:330 Resp: 574233

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

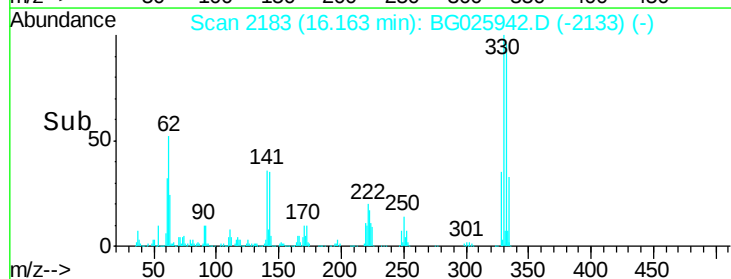
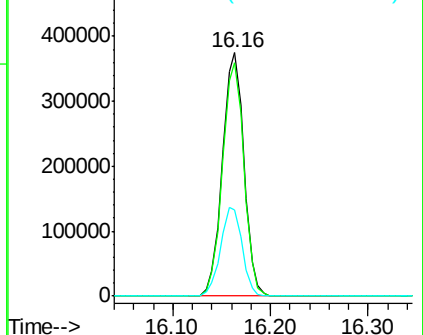
141 36.5 32.1 48.1

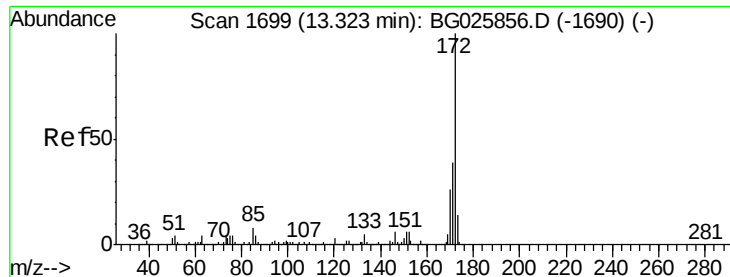


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

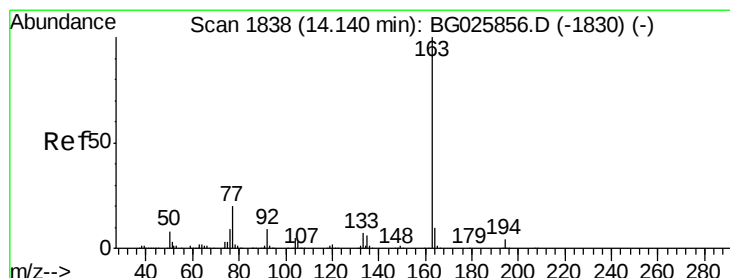
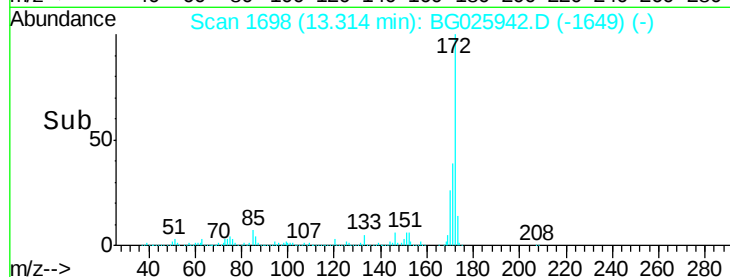
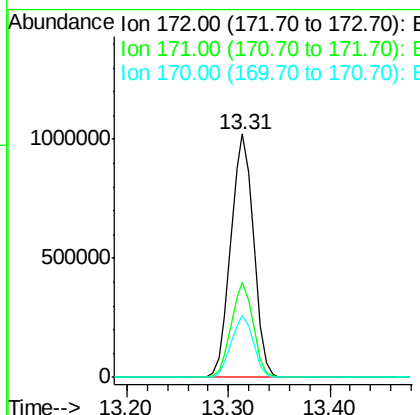
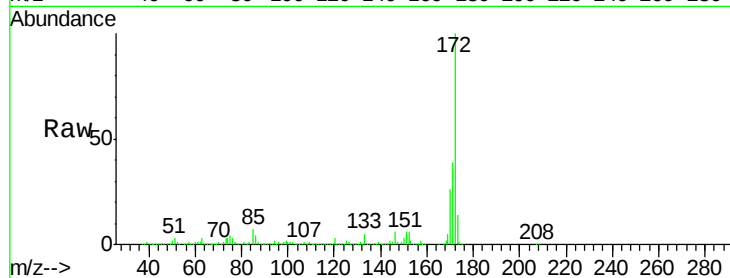




#44
 2-Fluorobiphenyl
 Concen: 106.54 ng
 RT: 13.31 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG025942.D
 Acq: 24 Feb 2017 21:40

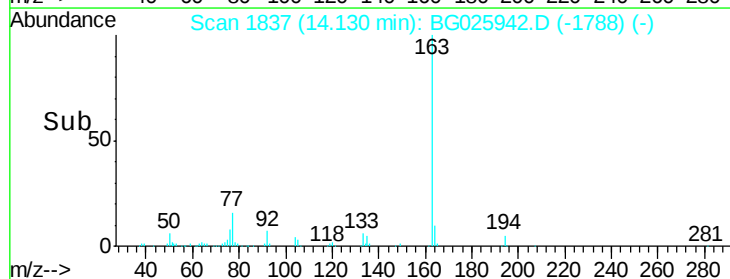
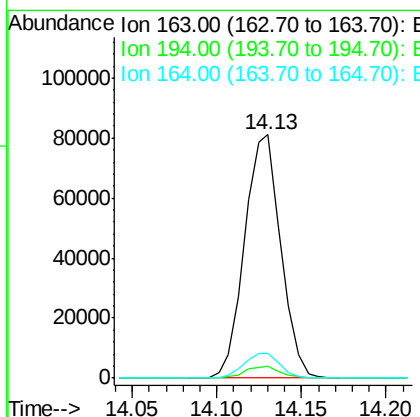
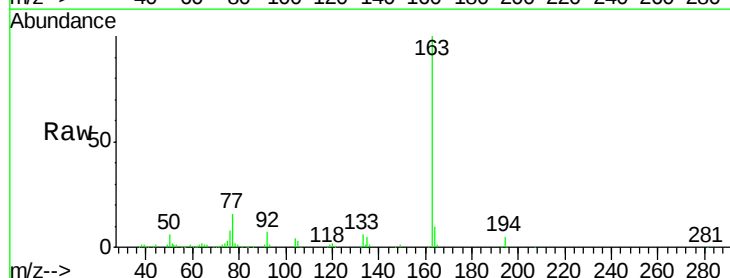
Instrument :
 BNA_G
 ClientSampled :
 E2-Y6-BASE

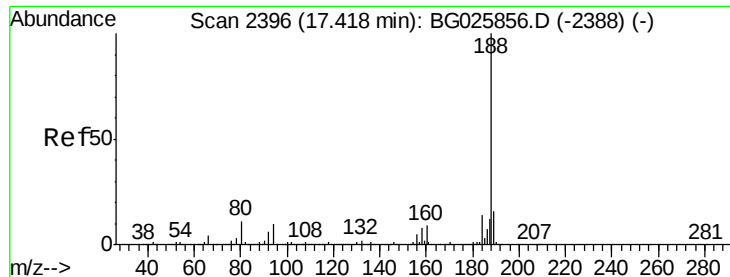
Tgt Ion:172 Resp: 1587673
 Ion Ratio Lower Upper
 172 100
 171 38.9 32.2 48.2
 170 25.5 21.8 32.6



#49
 Dimethylphthalate
 Concen: 6.75 ng
 RT: 14.13 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG025942.D
 Acq: 24 Feb 2017 21:40

Tgt Ion:163 Resp: 120644
 Ion Ratio Lower Upper
 163 100
 194 4.8 3.8 5.6
 164 10.1 9.3 13.9

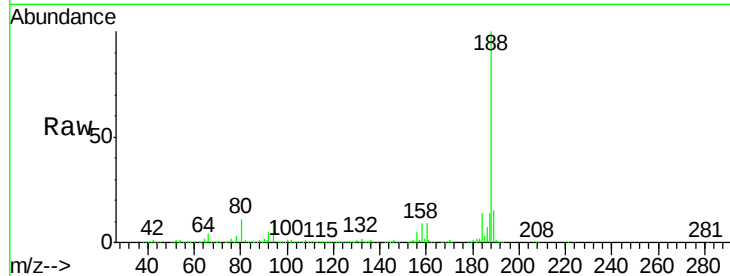




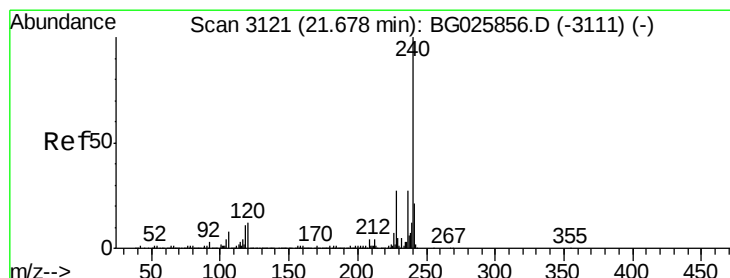
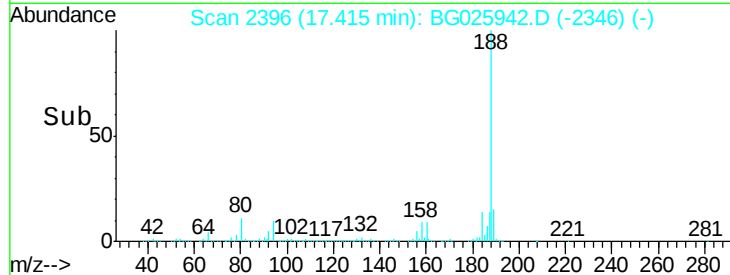
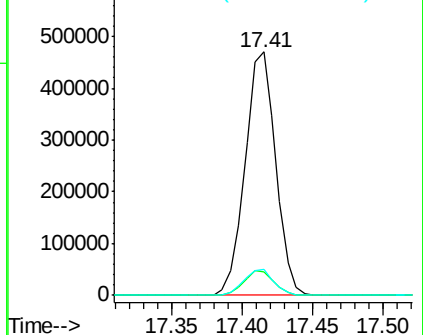
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BG025942.D
Acq: 24 Feb 2017 21:40

Instrument :
BNA_G
ClientSampleId :
E2-Y6-BASE

Tgt Ion:188 Resp: 712323
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 10.7 7.5 11.3

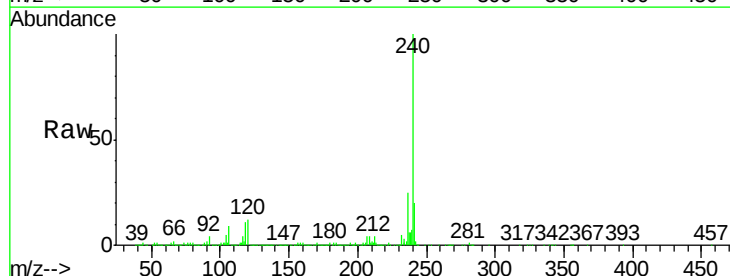


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

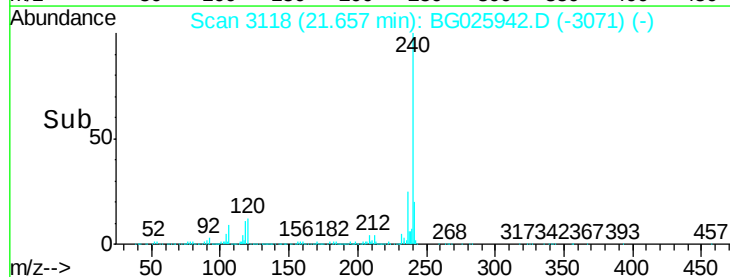
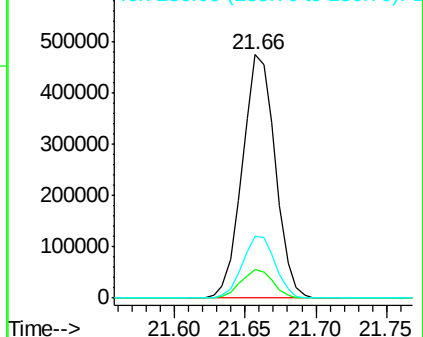


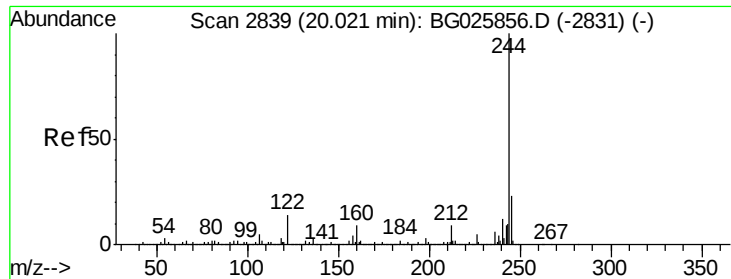
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025942.D
Acq: 24 Feb 2017 21:40

Tgt Ion:240 Resp: 775385
Ion Ratio Lower Upper
240 100
120 12.0 5.7 8.5#
236 25.2 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: 74.94 ng

RT: 20.01 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6-BASE

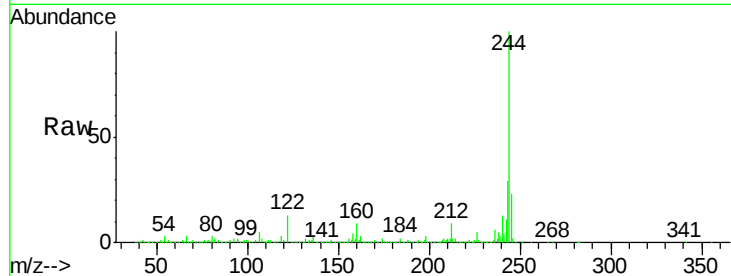
Tgt Ion:244 Resp: 2389130

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

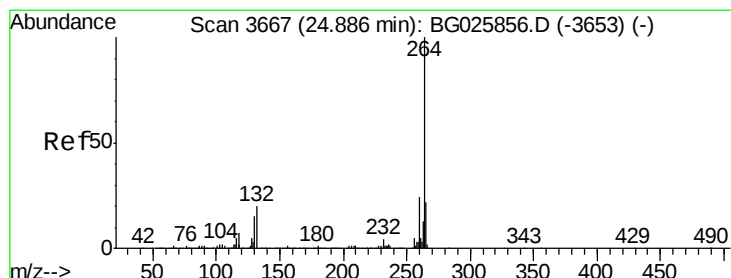
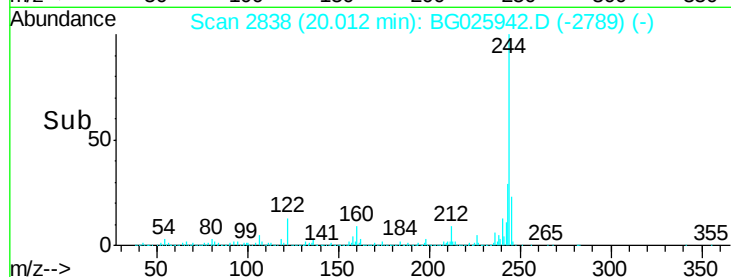
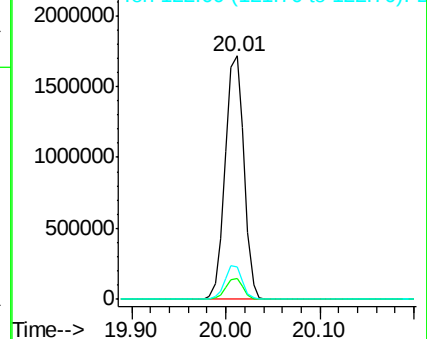
122 13.3 8.6 12.8#



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: 24.86 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG025942.D

Acq: 24 Feb 2017 21:40

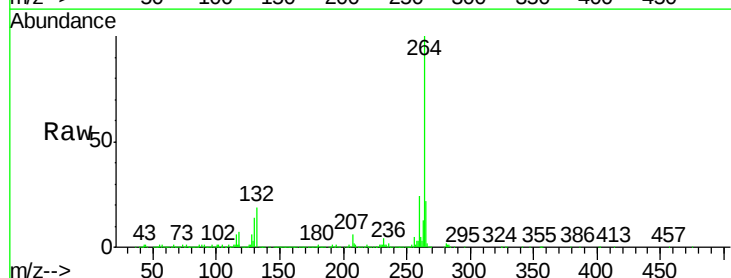
Tgt Ion:264 Resp: 747888

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 21.6 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

