

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021144.D
 Acq On : 28 Feb 2016 10:03
 Operator : UM/SJ
 Sample : H1558-17
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-19

Quant Time: Feb 29 00:34:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

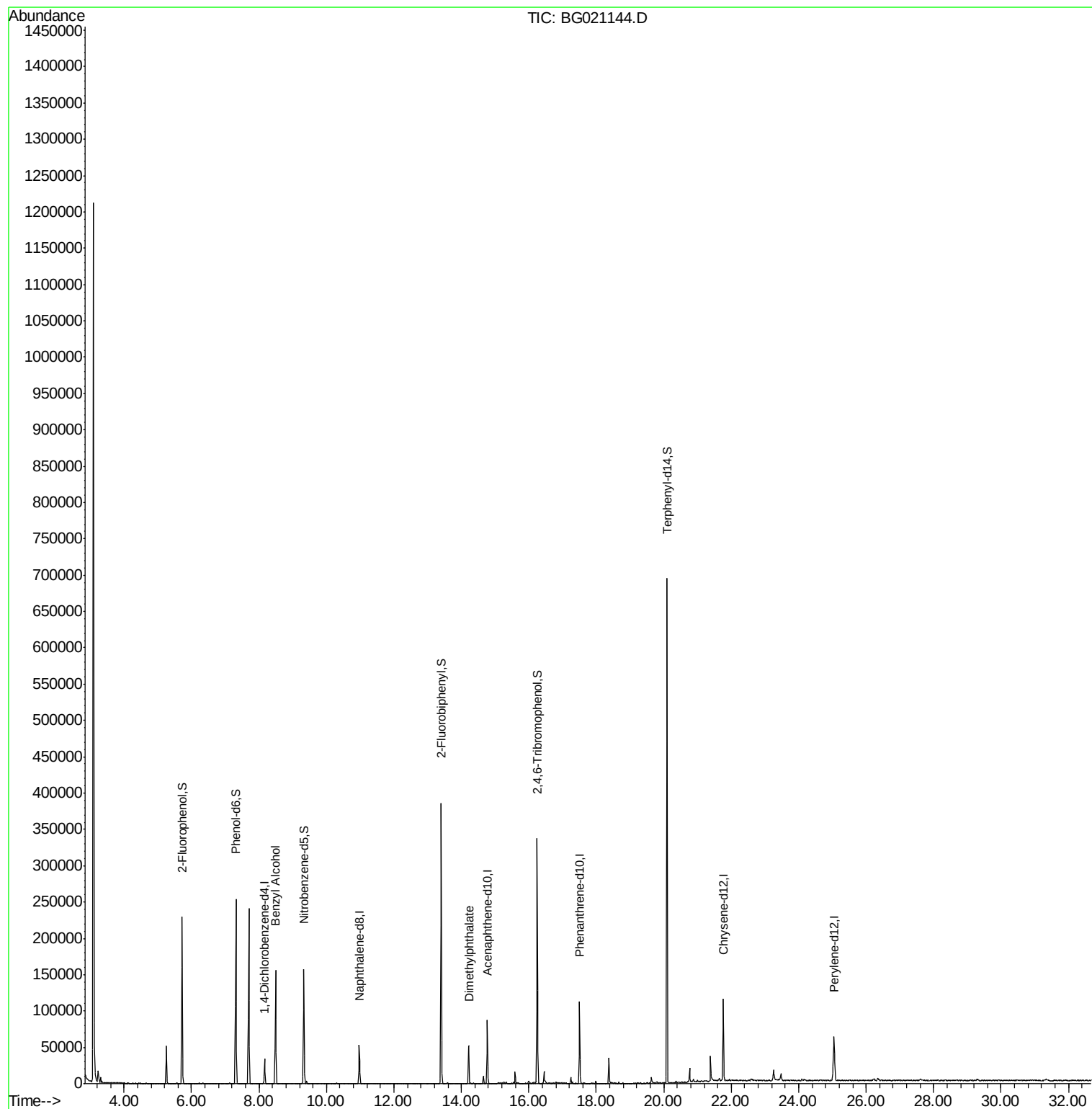
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8731	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	42760	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	26407	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	63225	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	64835	20.00	ng	-0.02
86) Perylene-d12	25.05	264	59810	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	86861	174.17	ng	0.00
7) Phenol-d6	7.31	99	138615	186.79	ng	-0.01
23) Nitrobenzene-d5	9.33	82	98827	110.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	44422	128.31	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	179541	87.00	ng	-0.01
78) Terphenyl-d14	20.09	244	266713	96.14	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.49	79	1538	2.37	ng	# 48
49) Dimethylphthalate	14.22	163	30733	13.50	ng	# 97

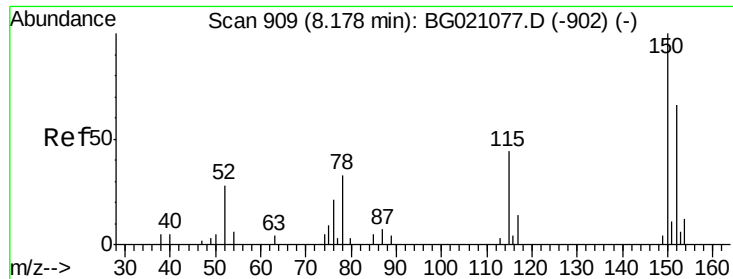
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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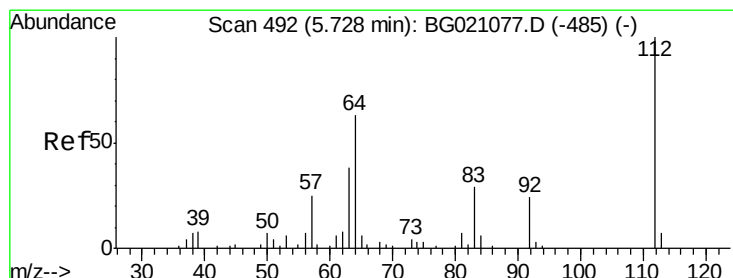
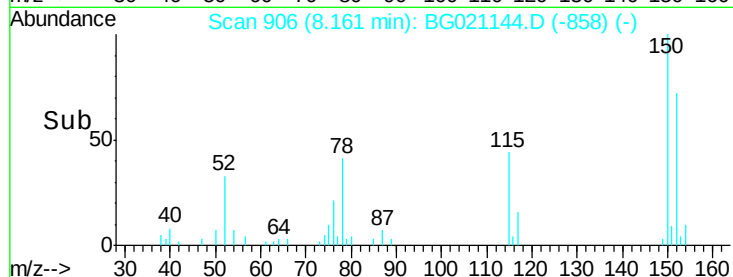
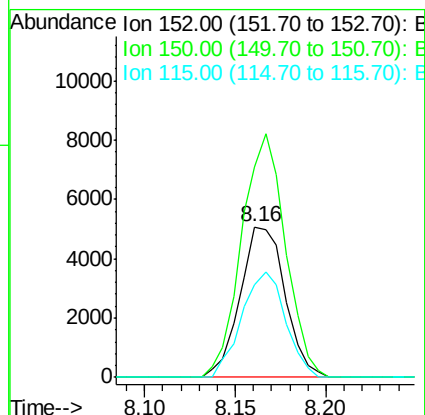
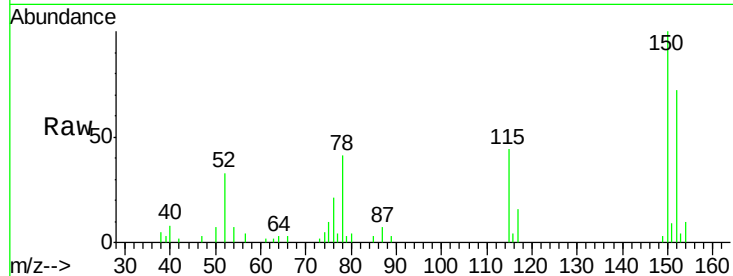


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.02 min
Lab File: BG021144.D
Acq: 28 Feb 2016 10:03

Instrument :
BNA_G
ClientSampled :
S-19

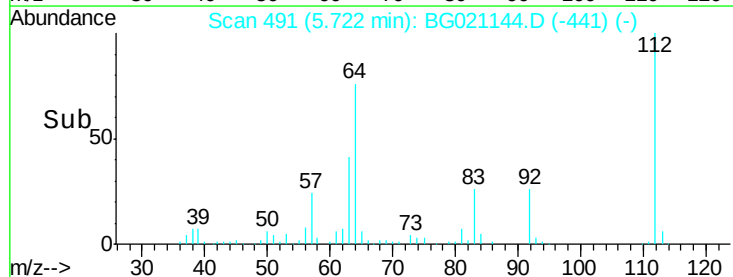
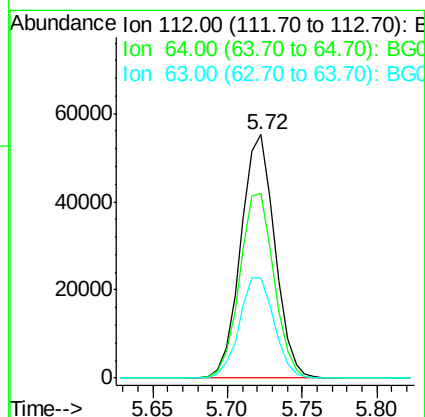
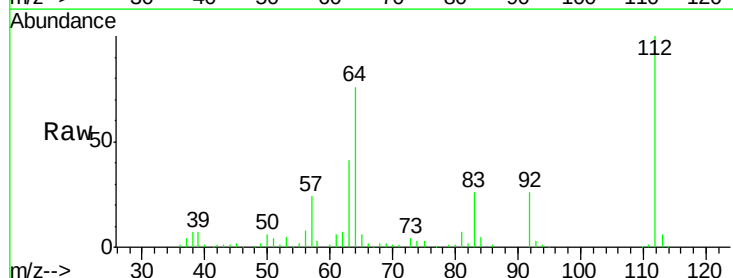
Tgt Ion:152 Resp: 8731
Ion Ratio Lower Upper
152 100
150 139.6 123.4 185.2
115 61.7 43.3 64.9

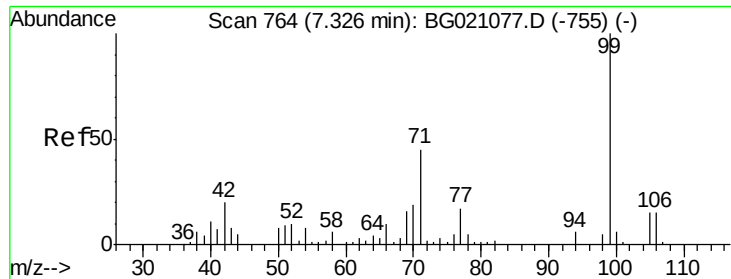


#5

2-Fluorophenol
Concen: 174.17 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021144.D
Acq: 28 Feb 2016 10:03

Tgt Ion:112 Resp: 86861
Ion Ratio Lower Upper
112 100
64 75.9 42.6 63.8#
63 41.4 21.7 32.5#





#7

Phenol-d6

Concen: 186.79 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

Instrument :

BNA_G

ClientSampleId :

S-19

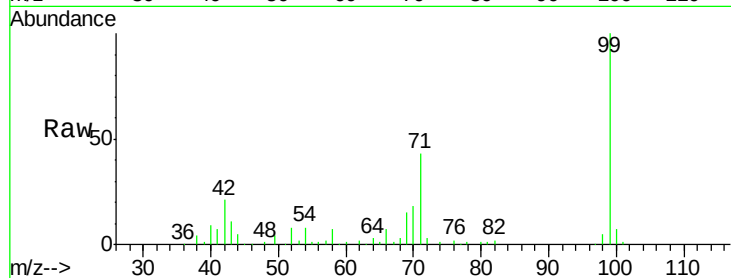
Tgt Ion: 99 Resp: 138615

Ion Ratio Lower Upper

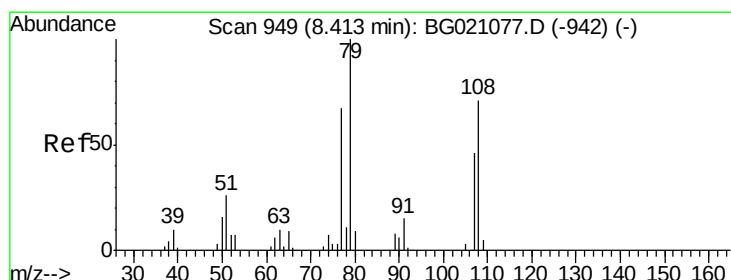
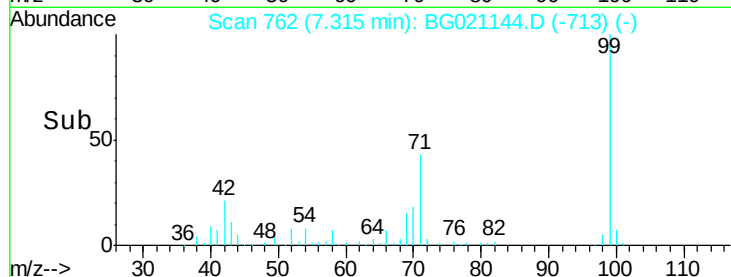
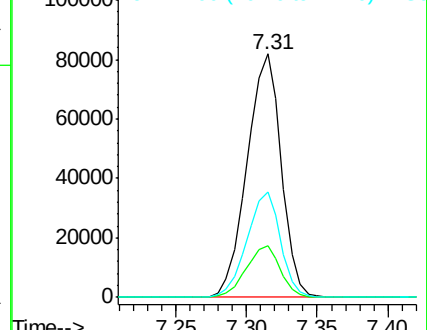
99 100

42 21.2 13.2 19.8#

71 43.4 25.2 37.8#



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



#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.08 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

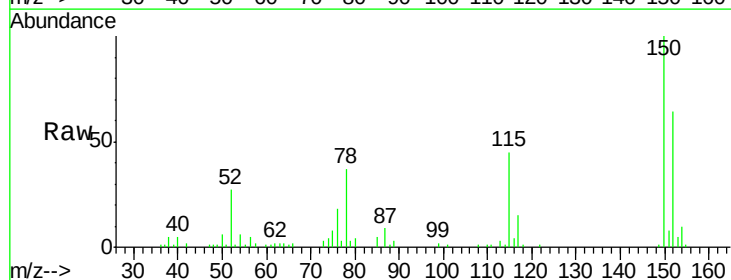
Tgt Ion: 79 Resp: 1538

Ion Ratio Lower Upper

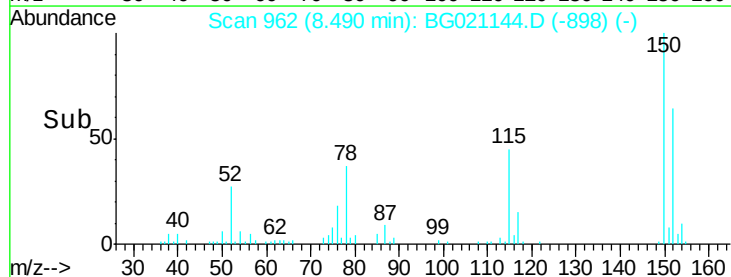
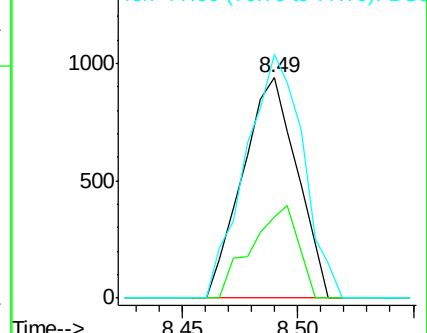
79 100

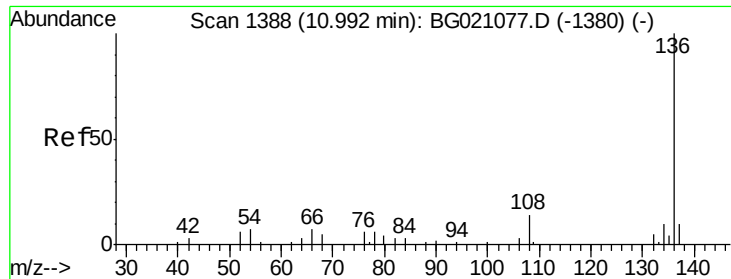
108 36.5 65.1 97.7#

77 110.4 53.8 80.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

Instrument :

BNA_G

ClientSampleId :

S-19

Tgt Ion: 136 Resp: 42760

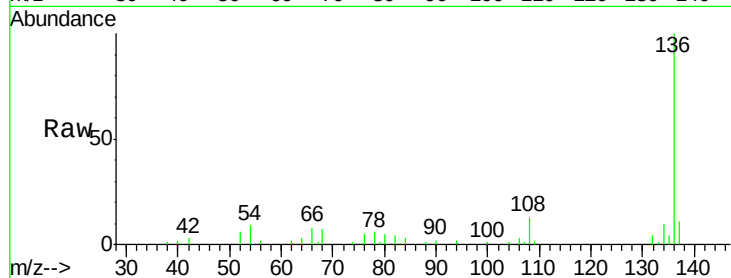
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.7 6.9 10.3

68 7.0 5.8 8.6

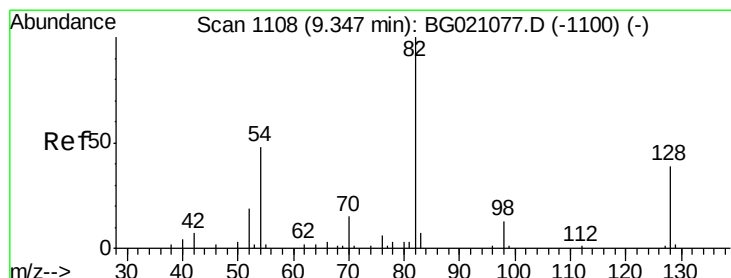
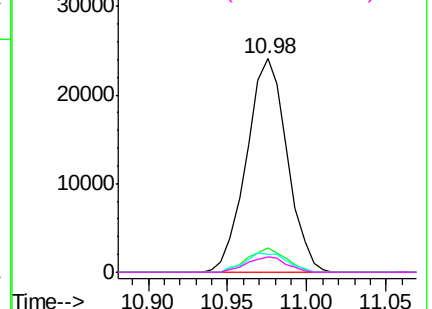
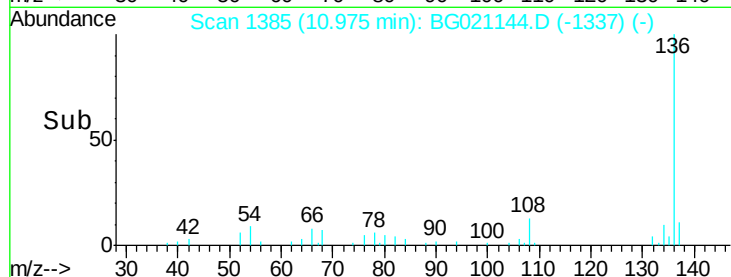


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.12 ng

RT: 9.33 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

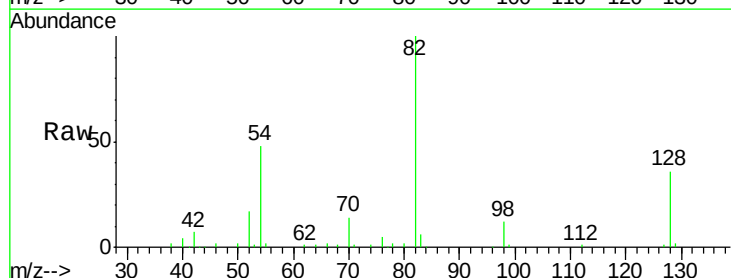
Tgt Ion: 82 Resp: 98827

Ion Ratio Lower Upper

82 100

128 35.5 36.3 54.5#

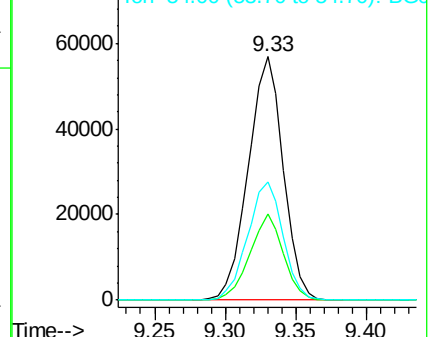
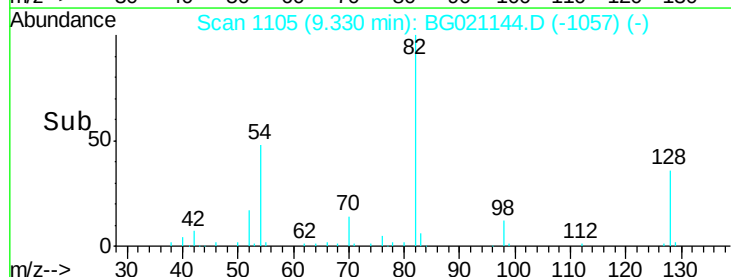
54 48.3 37.6 56.4

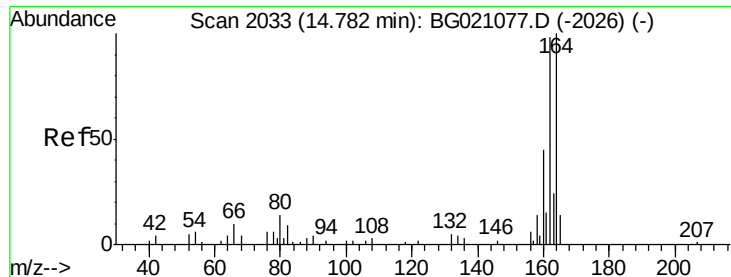


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.77 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

Instrument :

BNA_G

ClientSampled :

S-19

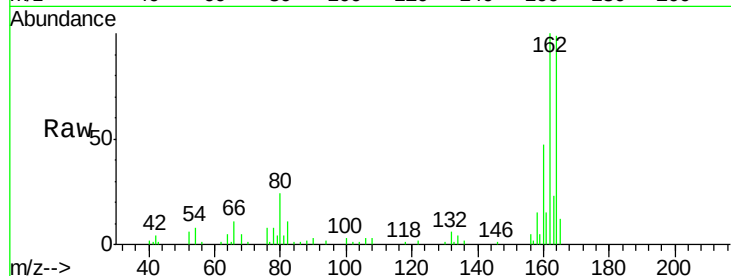
Tgt Ion:164 Resp: 26407

Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

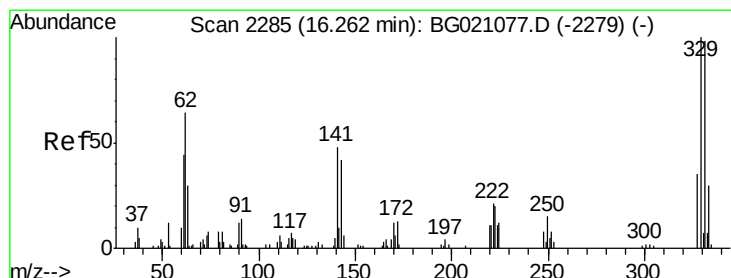
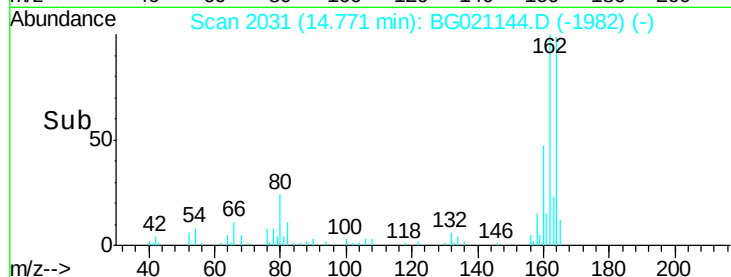
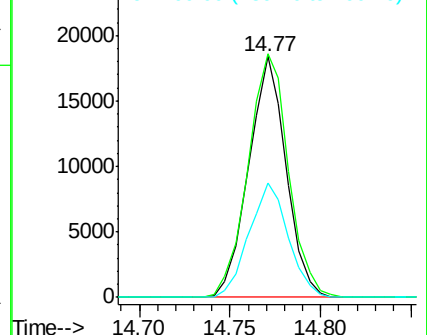
160 47.6 36.5 54.7



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: 128.31 ng

RT: 16.25 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

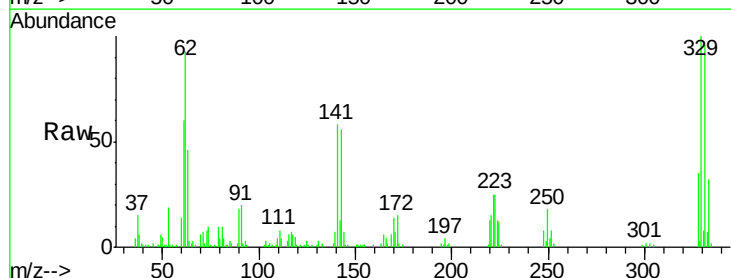
Tgt Ion:330 Resp: 44422

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

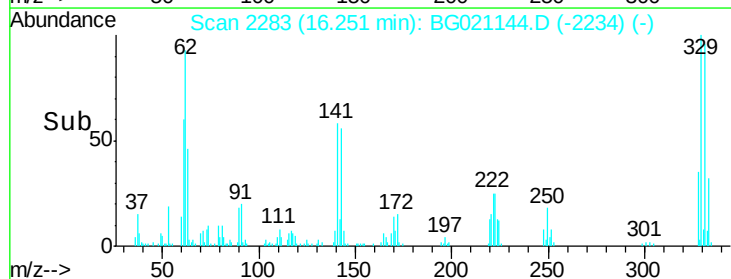
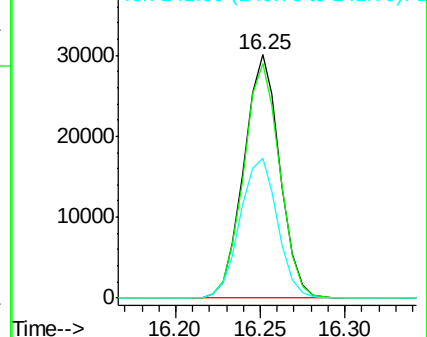
141 59.7 35.3 52.9#

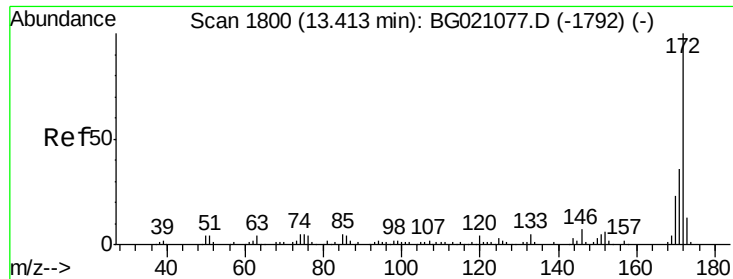


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

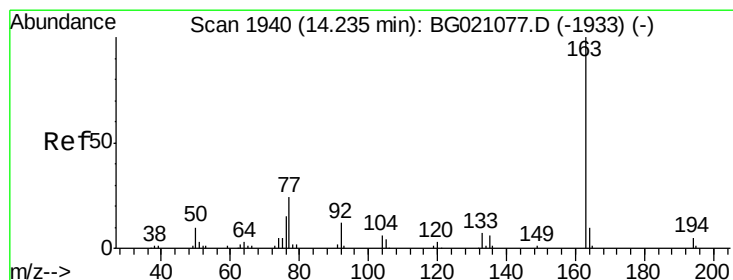
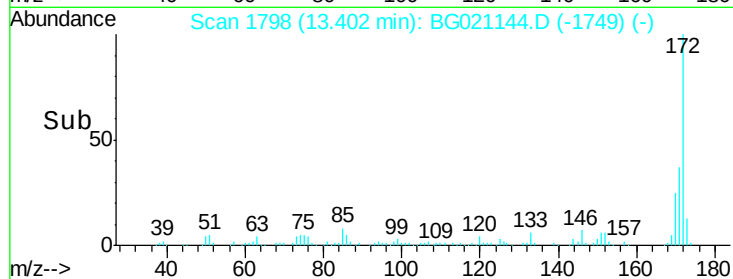
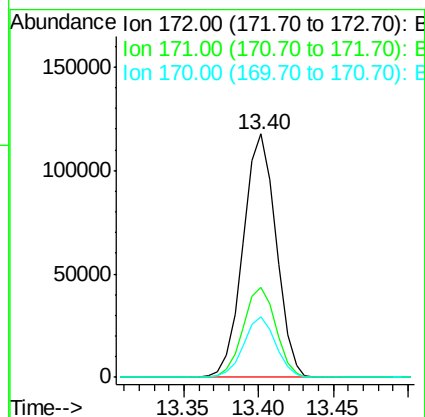
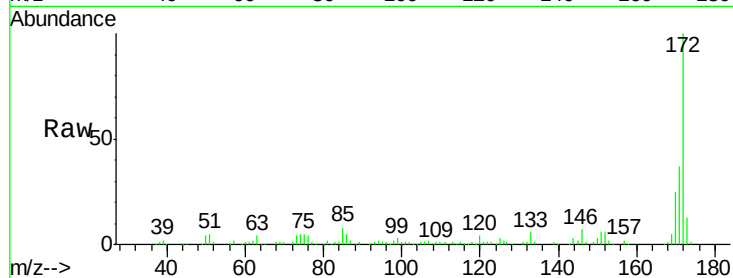




#44
2-Fluorobiphenyl
Concen: 87.00 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG021144.D
Acq: 28 Feb 2016 10:03

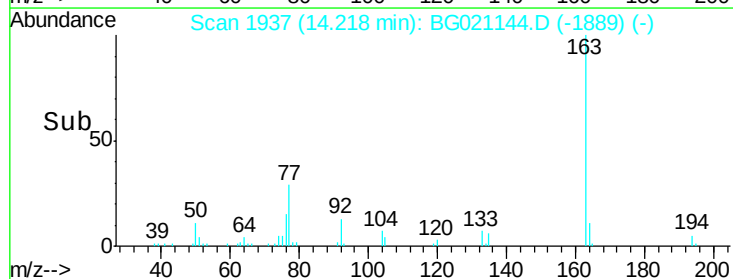
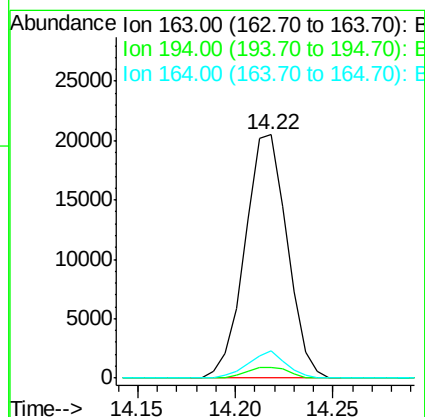
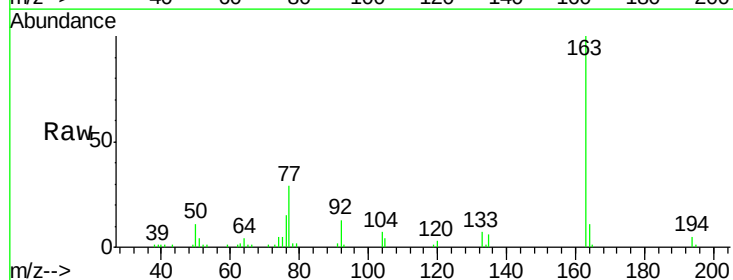
Instrument :
BNA_G
ClientSampleId :
S-19

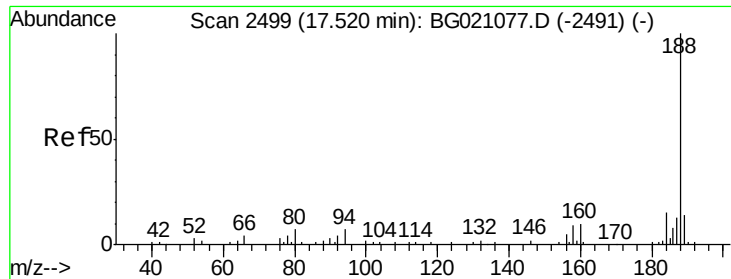
Tgt Ion:172 Resp: 179541
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 24.7 19.8 29.8



#49
Dimethylphthalate
Concen: 13.50 ng
RT: 14.22 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG021144.D
Acq: 28 Feb 2016 10:03

Tgt Ion:163 Resp: 30733
Ion Ratio Lower Upper
163 100
194 4.6 2.8 4.2#
164 11.0 7.9 11.9

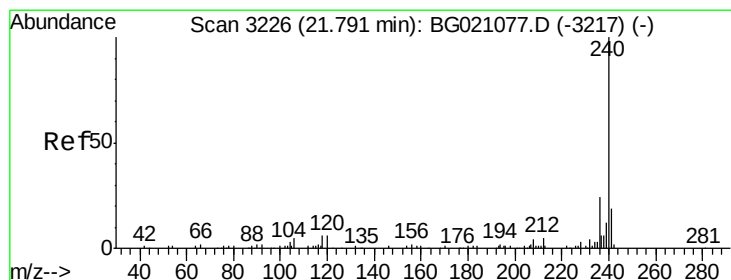
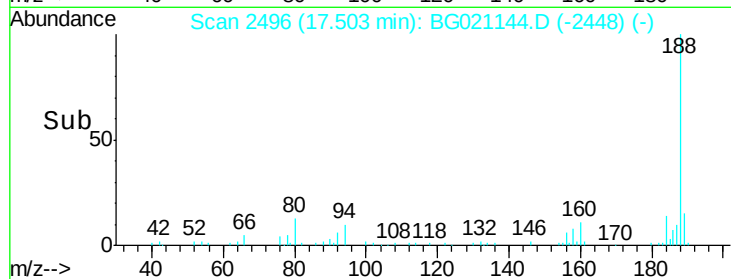
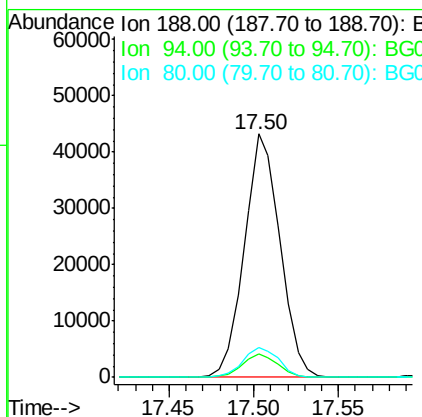
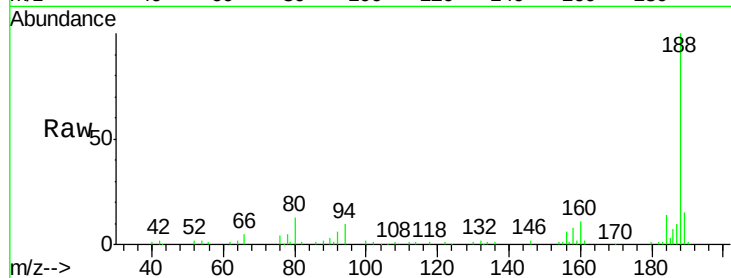




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.02 min
 Lab File: BG021144.D
 Acq: 28 Feb 2016 10:03

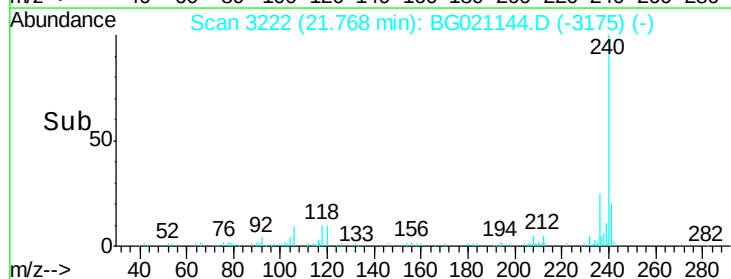
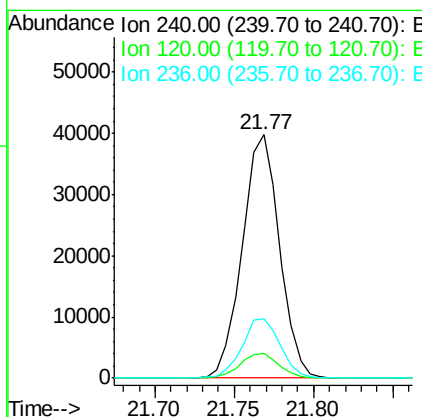
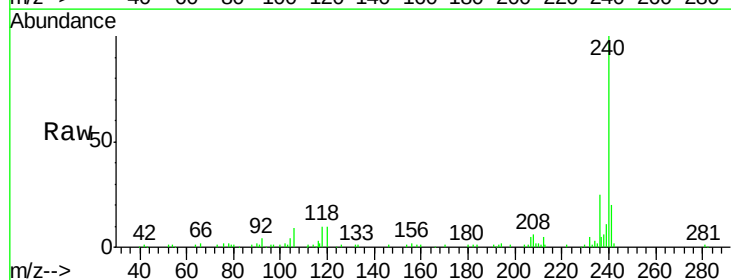
Instrument :
 BNA_G
 ClientSampleId :
 S-19

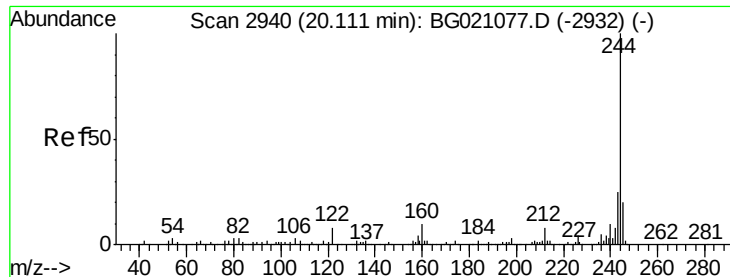
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.4
80	12.5	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG021144.D
 Acq: 28 Feb 2016 10:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.5	11.3
236	24.6	20.5	30.7





#78

Terphenyl-d14

Concen: 96.14 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

Instrument :

BNA_G

ClientSampleId :

S-19

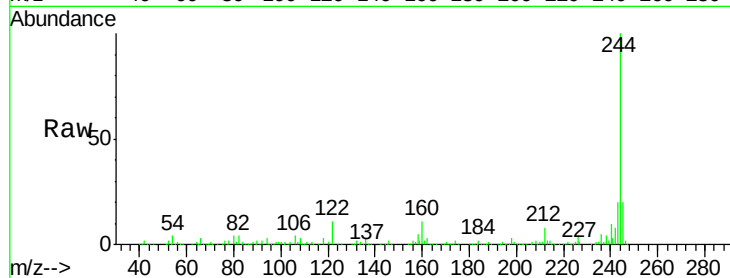
Tgt Ion:244 Resp: 266713

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

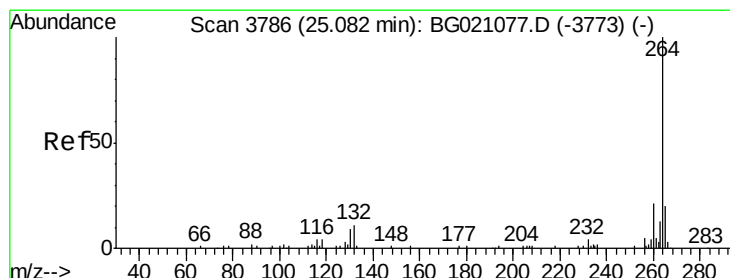
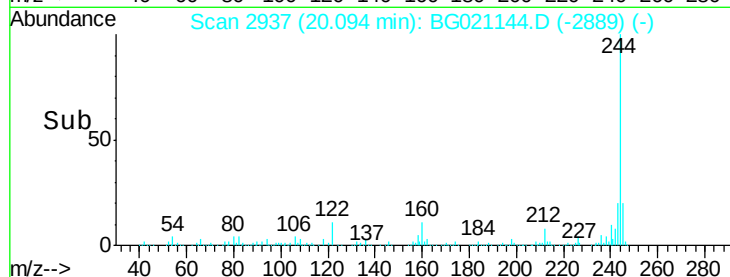
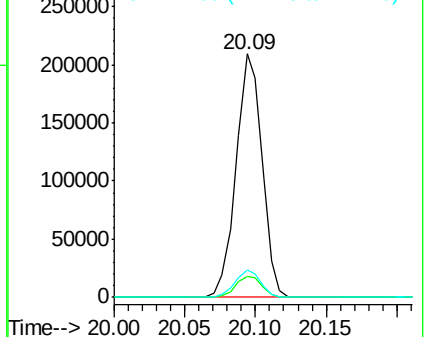
122 11.4 8.3 12.5



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: 25.05 min Scan# 3780

Delta R.T. -0.03 min

Lab File: BG021144.D

Acq: 28 Feb 2016 10:03

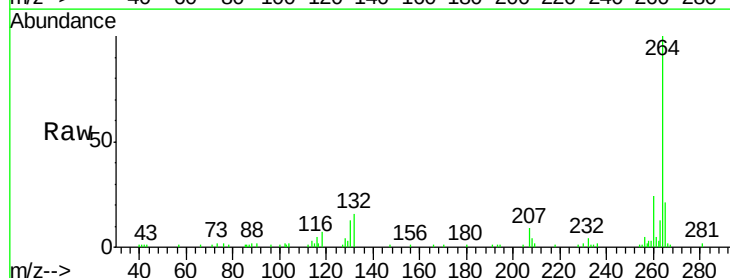
Tgt Ion:264 Resp: 59810

Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 21.4 18.6 28.0



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

