

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026350.D
 Acq On : 21 Mar 2017 6:39
 Operator : SJ/MA
 Sample : I2263-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106I

Quant Time: Mar 21 07:29:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

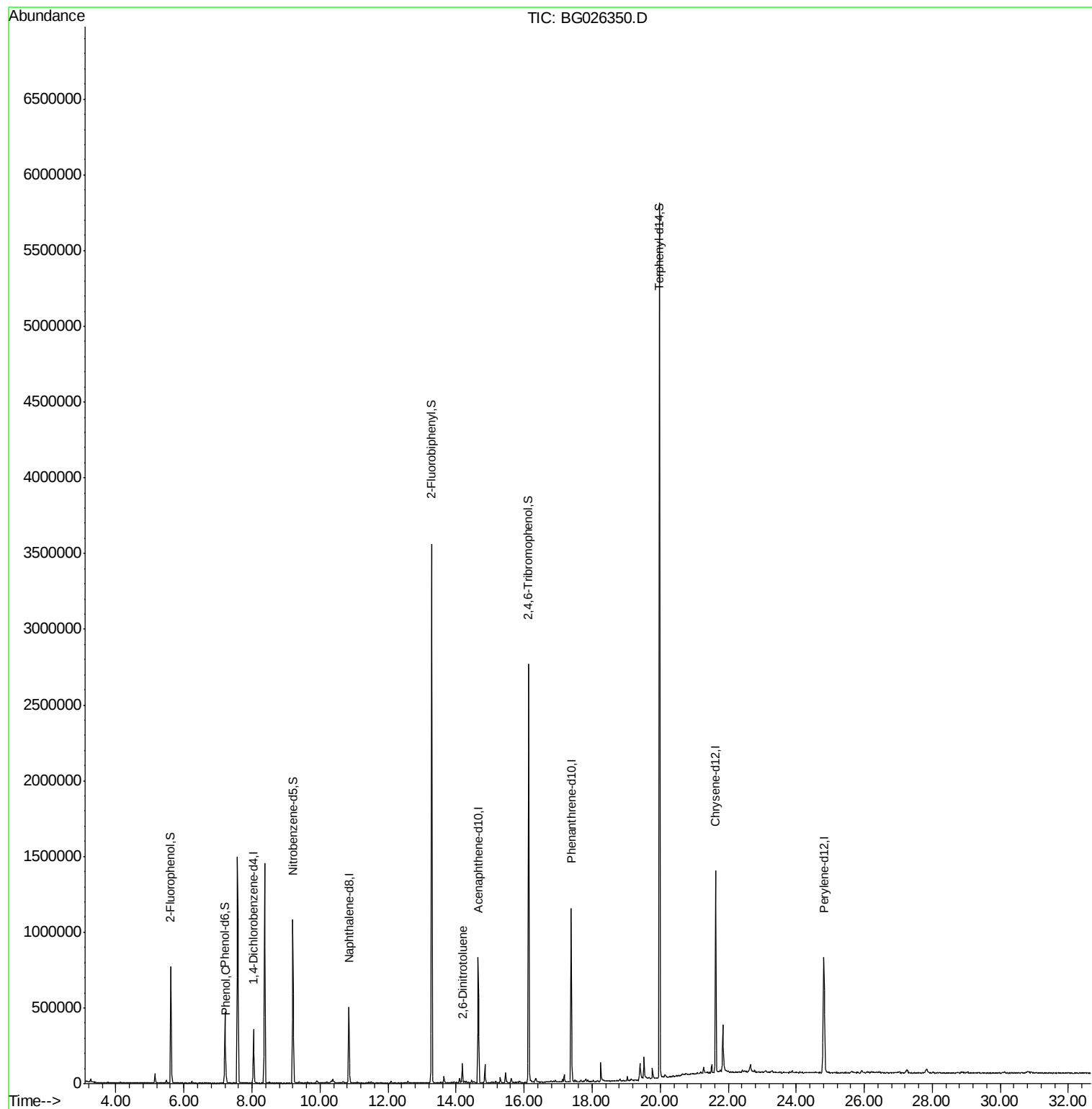
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	112422	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	486081	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	293264	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	719453	20.00	ng	0.00
75) Chrysene-d12	21.63	240	840410	20.00	ng	0.00
86) Perylene-d12	24.81	264	778441	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	402956	63.62	ng	0.00
7) Phenol-d6	7.21	99	341374	40.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	709597	87.78	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	559013	166.45	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1950137	93.25	ng	0.00
78) Terphenyl-d14	19.98	244	2548616	73.65	ng	0.00
Target Compounds						
10) Phenol	7.23	94	38570	4.25	ng	# 69
50) 2,6-Dinitrotoluene	14.19	165	19956	3.86	ng	# 14

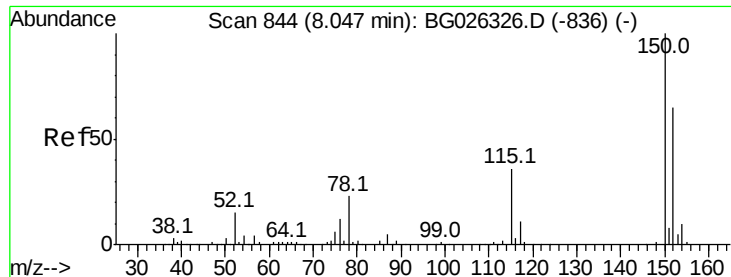
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026350.D

Acq: 21 Mar 2017 6:39

Instrument :

BNA_G

ClientSampleId :

MW-106I

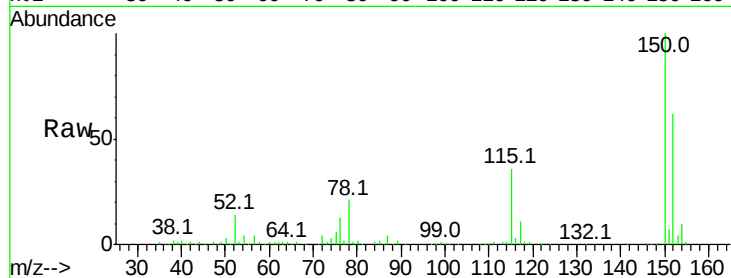
Tot Ion:152 Resp: 112422

Ion Ratio Lower Upper

152 100

150 161.7 114.0 171.0

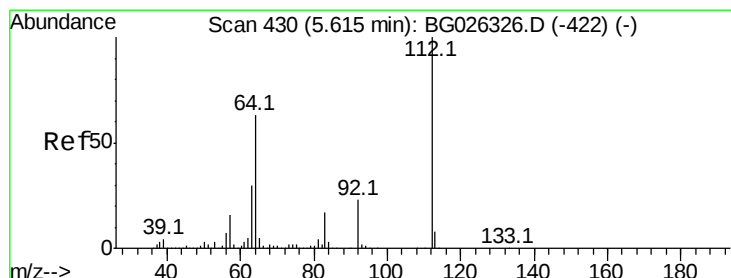
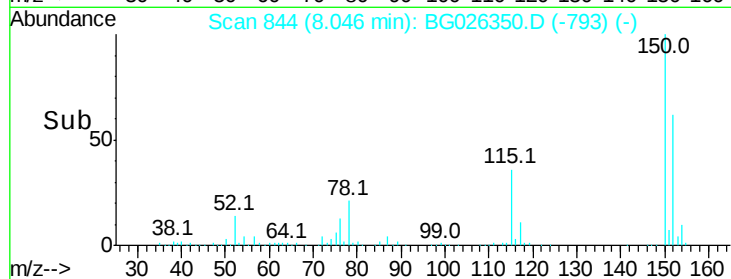
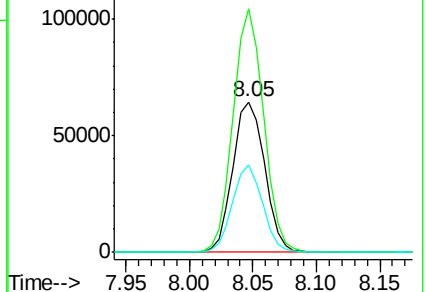
115 58.4 48.1 72.1



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: 63.62 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026350.D

Acq: 21 Mar 2017 6:39

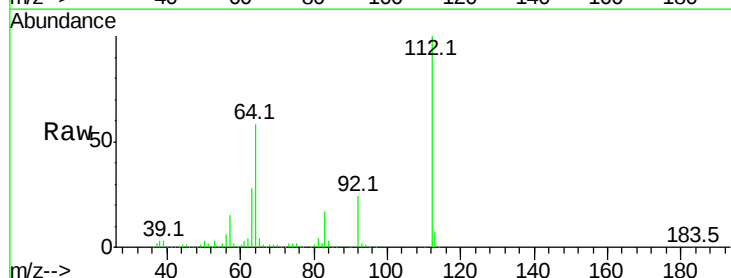
Tgt Ion:112 Resp: 402956

Ion Ratio Lower Upper

112 100

64 57.6 61.8 92.6#

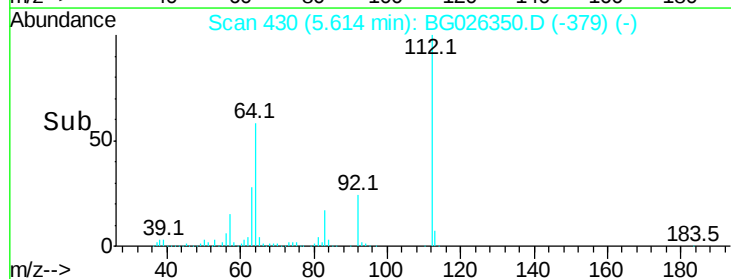
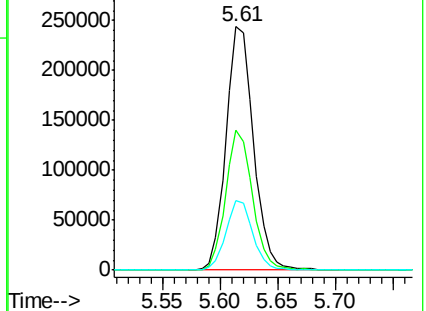
63 28.4 37.2 55.8#

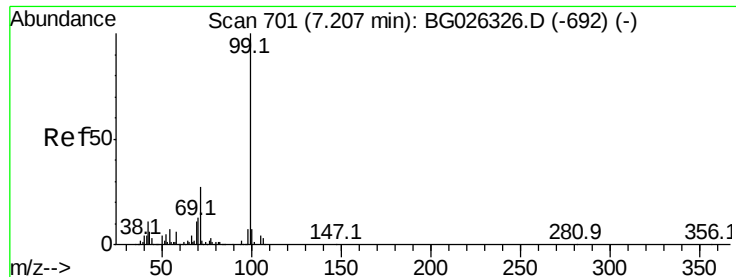


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.15 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026350.D

Acq: 21 Mar 2017 6:39

Instrument :

BNA_G

ClientSampled :

MW-106I

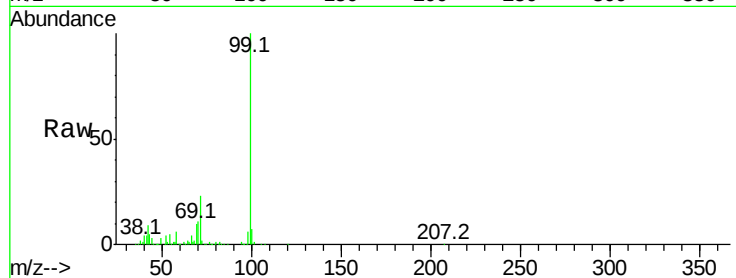
Tot Ion: 99 Resp: 341374

Ion Ratio Lower Upper

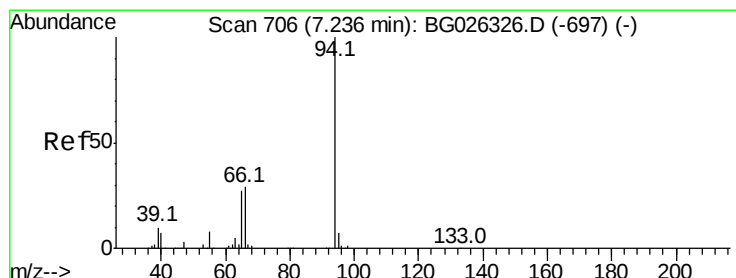
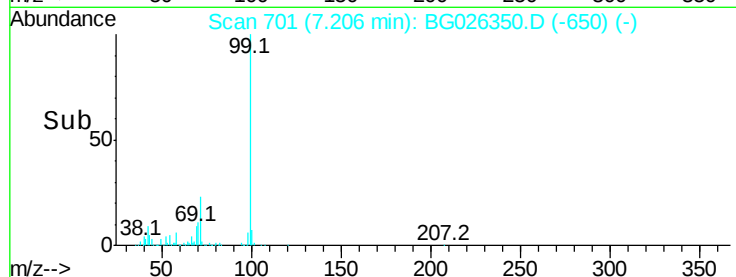
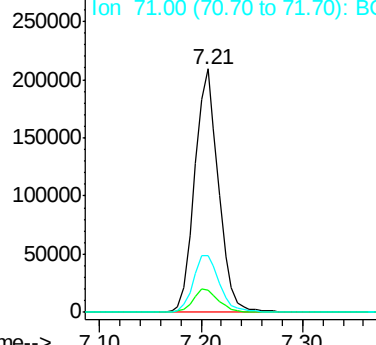
99 100

42 9.0 20.5 30.7#

71 23.3 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: 4.25 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG026350.D

Acq: 21 Mar 2017 6:39

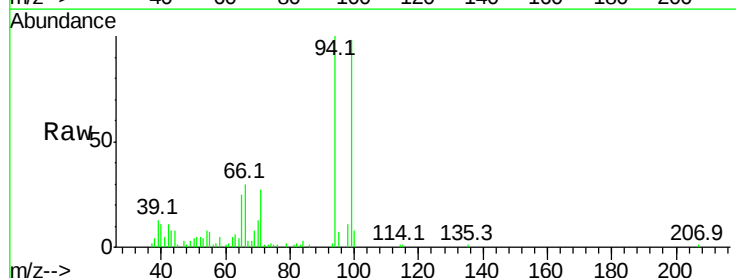
Tgt Ion: 94 Resp: 38570

Ion Ratio Lower Upper

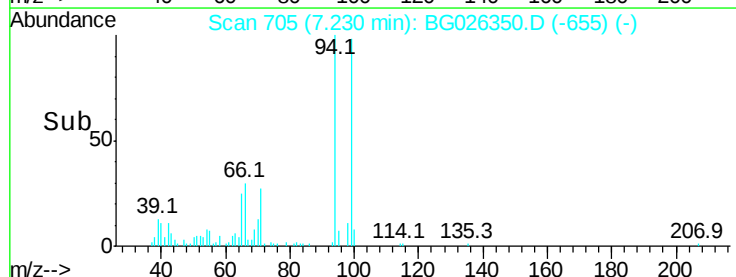
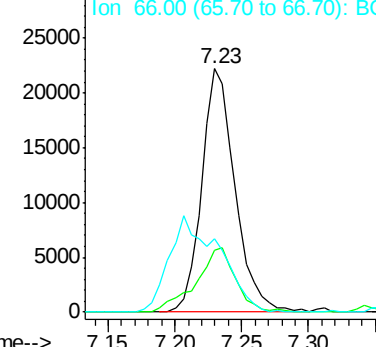
94 100

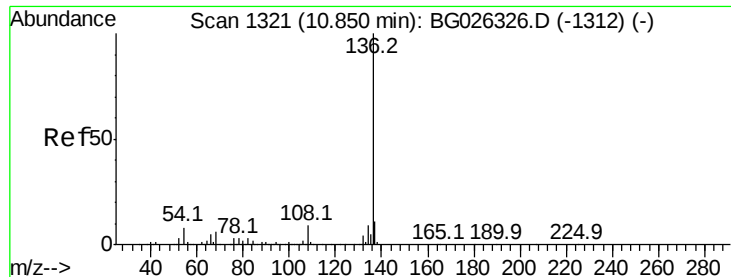
65 25.3 20.6 60.6

66 29.9 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: 10.85 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG026350.D

Acq: 21 Mar 2017 6:39

Instrument :

BNA_G

ClientSampleId :

MW-106I

Tot Ion:136 Resp: 486081

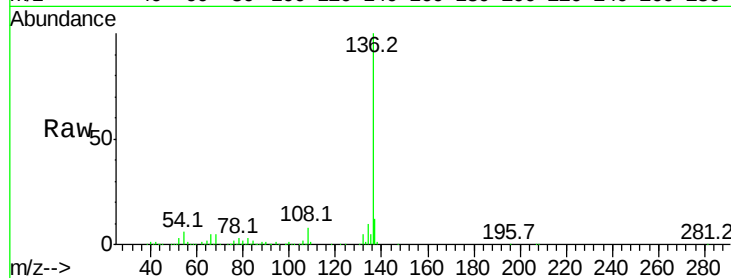
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 6.1 9.3 13.9#

68 5.5 5.1 7.7

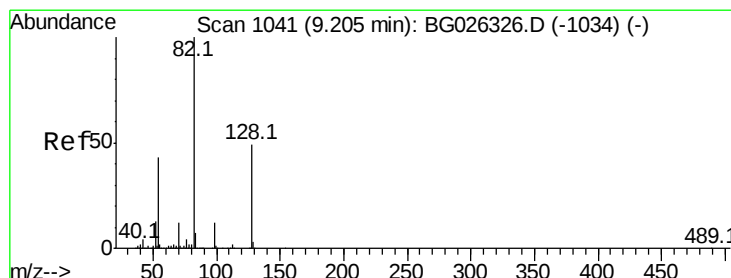
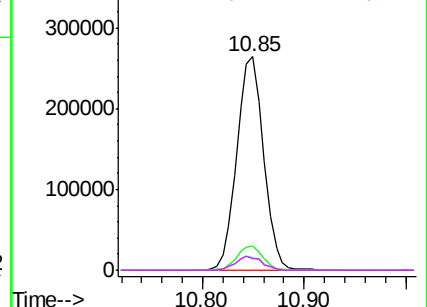
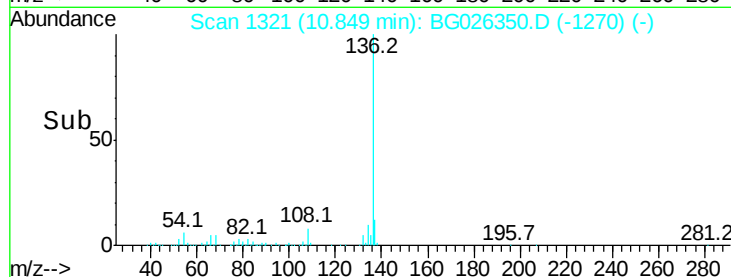


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.78 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG026350.D

Acq: 21 Mar 2017 6:39

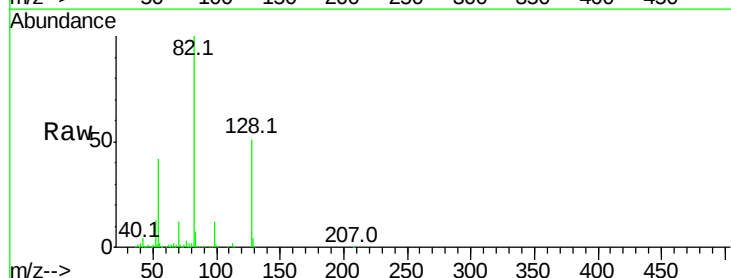
Tgt Ion: 82 Resp: 709597

Ion Ratio Lower Upper

82 100

128 51.3 26.4 39.6#

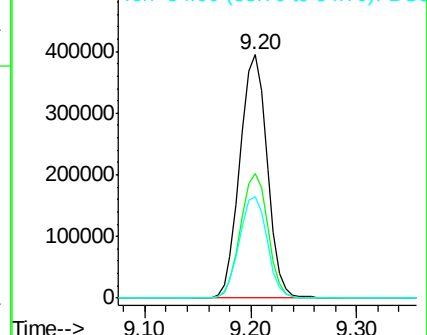
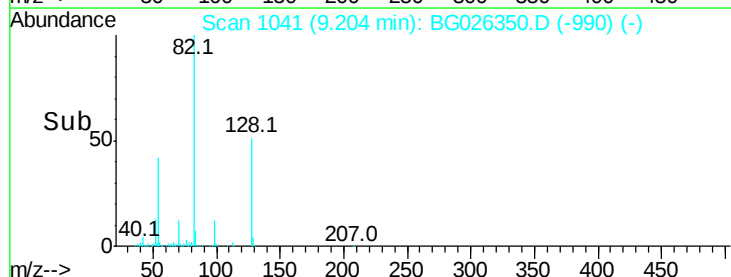
54 41.5 49.4 74.2#

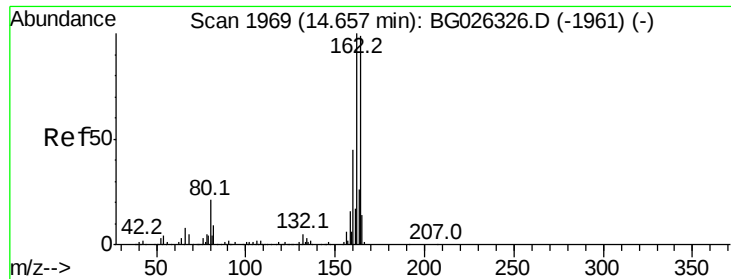


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

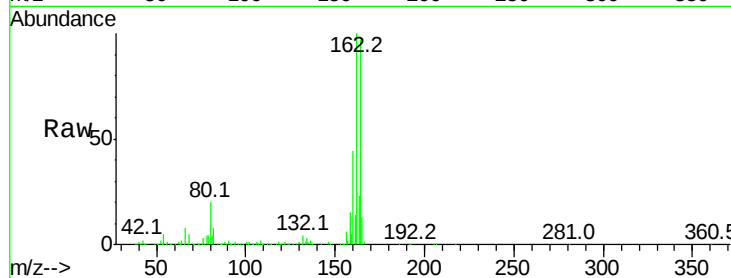




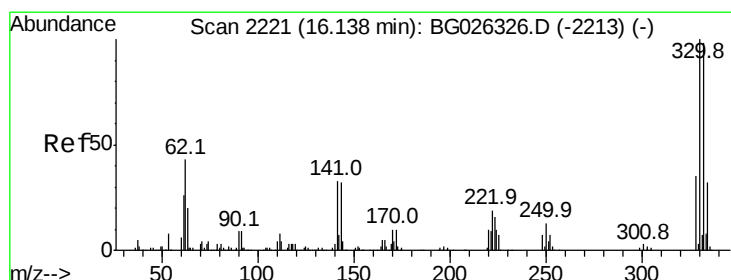
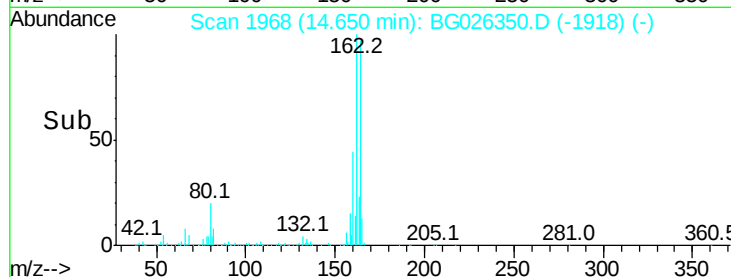
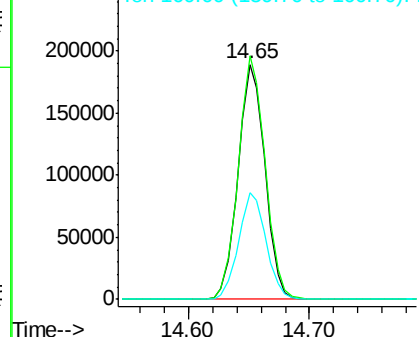
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026350.D
Acq: 21 Mar 2017 6:39

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	45.6	34.7	52.1

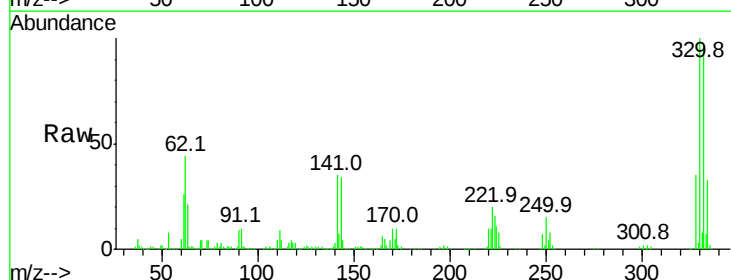


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

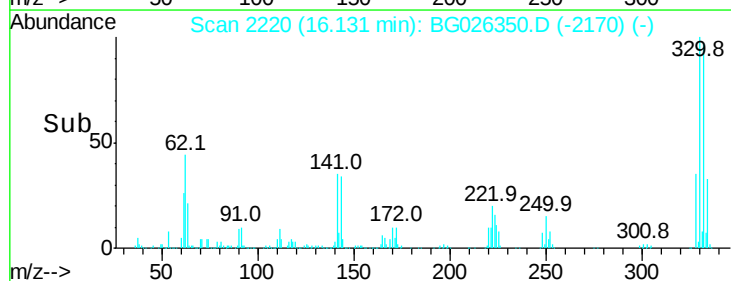
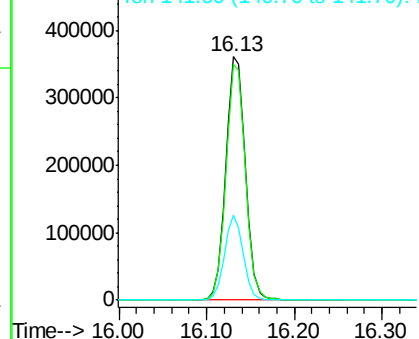


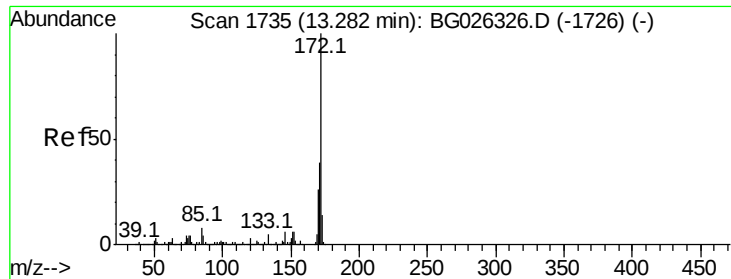
#41
2,4,6-Tribromophenol
Concen: 166.45 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG026350.D
Acq: 21 Mar 2017 6:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.3	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

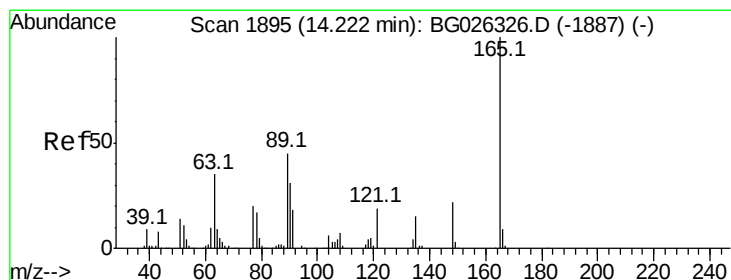
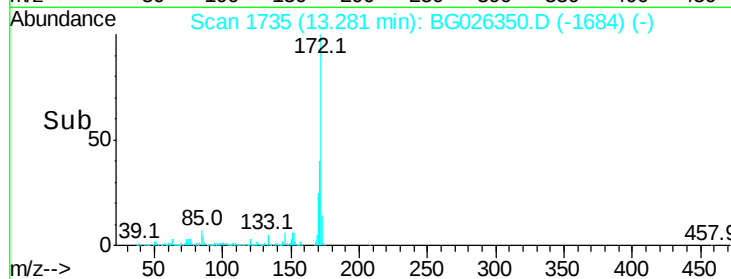
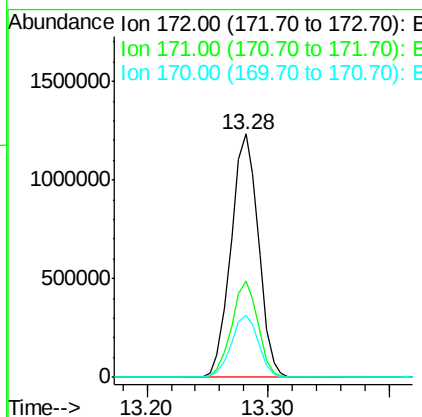
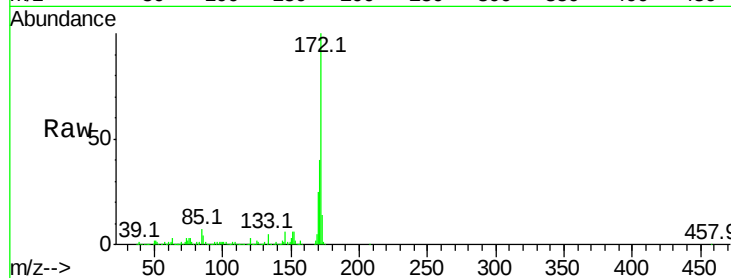




#44
2-Fluorobiphenyl
Concen: 93.25 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG026350.D
Acq: 21 Mar 2017 6:39

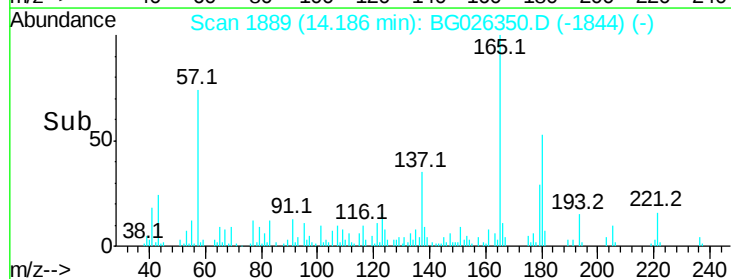
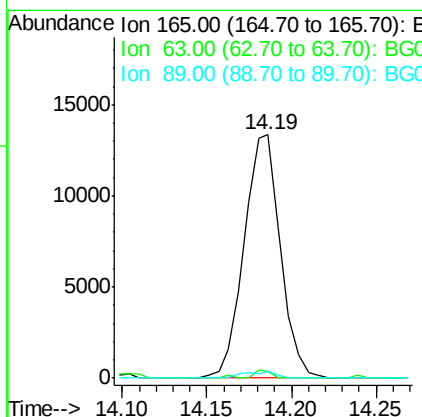
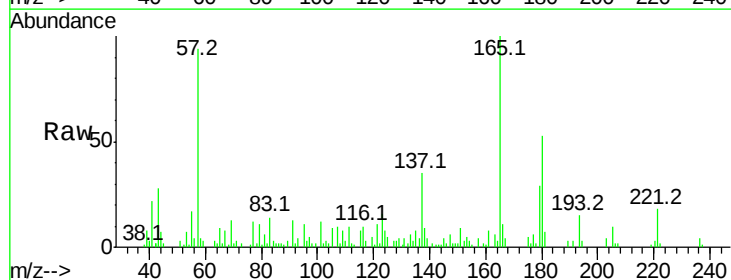
Instrument :
BNA_G
ClientSampleId :
MW-106I

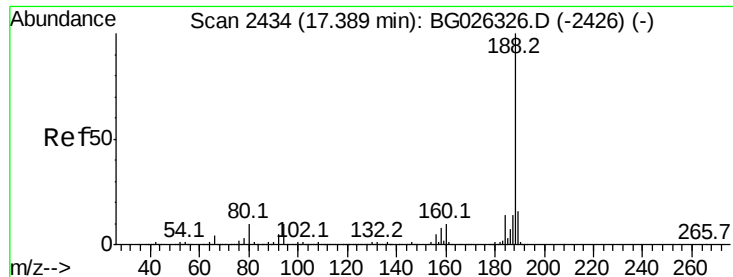
Tot Ion:172 Resp: 1950137
Ion Ratio Lower Upper
172 100
171 39.5 32.2 48.2
170 25.4 21.8 32.6



#50
2,6-Dinitrotoluene
Concen: 3.86 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.04 min
Lab File: BG026350.D
Acq: 21 Mar 2017 6:39

Tgt Ion:165 Resp: 19956
Ion Ratio Lower Upper
165 100
63 2.8 63.9 95.9#
89 2.8 58.6 88.0#

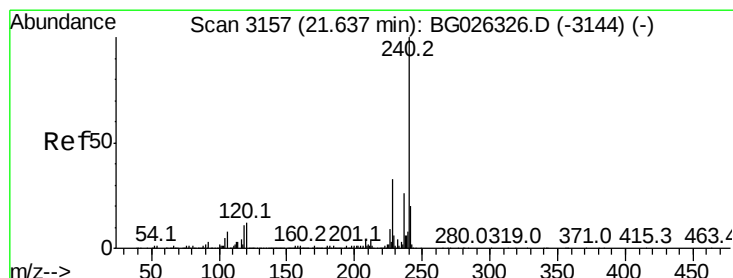
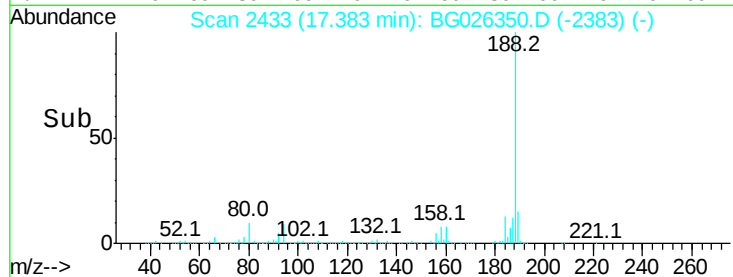
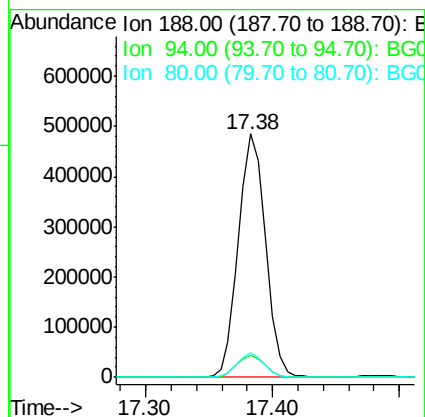
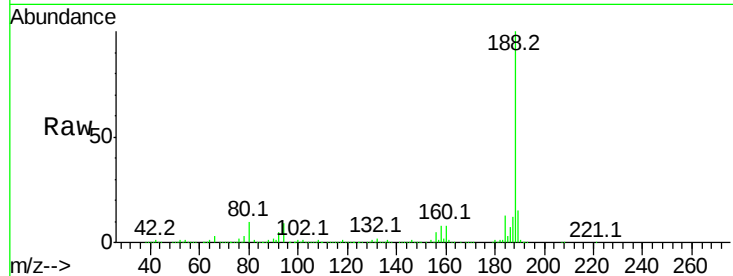




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026350.D
Acq: 21 Mar 2017 6:39

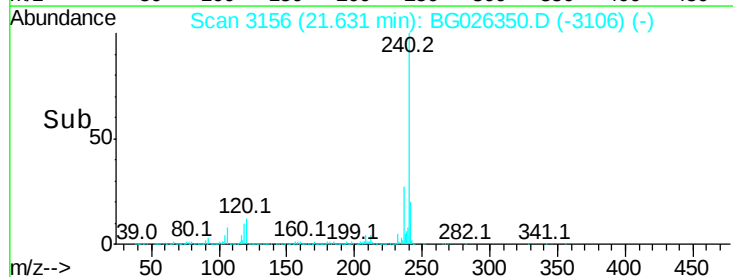
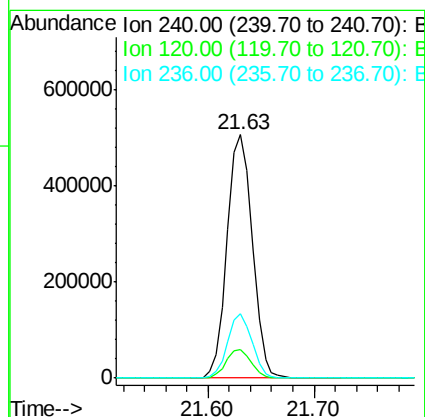
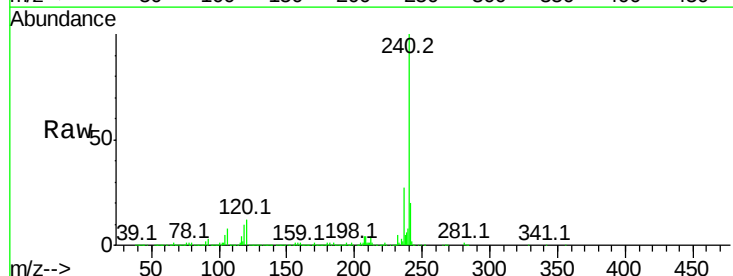
Instrument :
BNA_G
ClientSampleId :
MW-106I

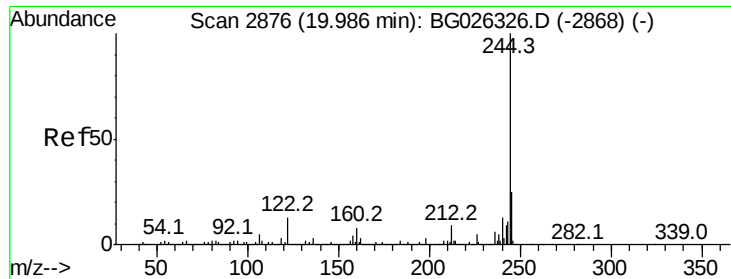
Tot Ion:188 Resp: 719453
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.8#
80 10.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG026350.D
Acq: 21 Mar 2017 6:39

Tgt Ion:240 Resp: 840410
Ion Ratio Lower Upper
240 100
120 11.6 5.7 8.5#
236 26.6 22.2 33.4





#78

Terphenyl-d14

Concen: 73.65 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026350.D

Acq: 21 Mar 2017 6:39

Instrument :

BNA_G

ClientSampleId :

MW-106I

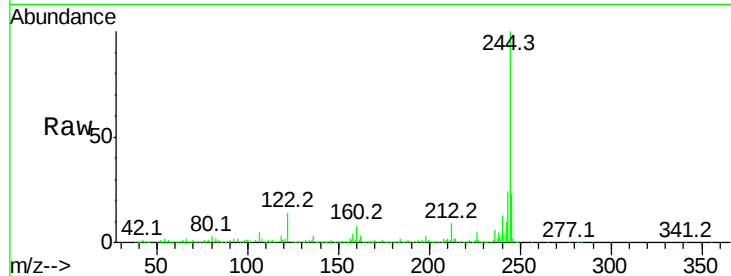
Tot Ion:244 Resp: 2548616

Ion	Ratio	Lower	Upper
244	100		
212	8.7	10.0	15.0#
122	14.1	8.6	12.8#

244 100

212 8.7 10.0 15.0#

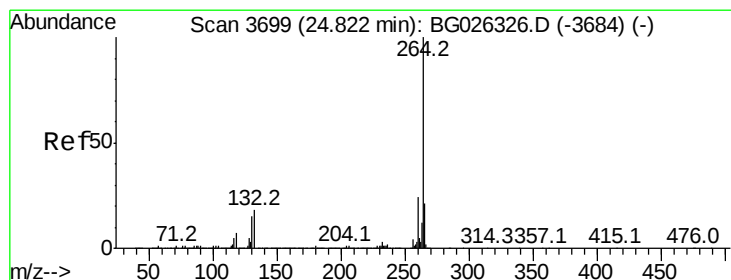
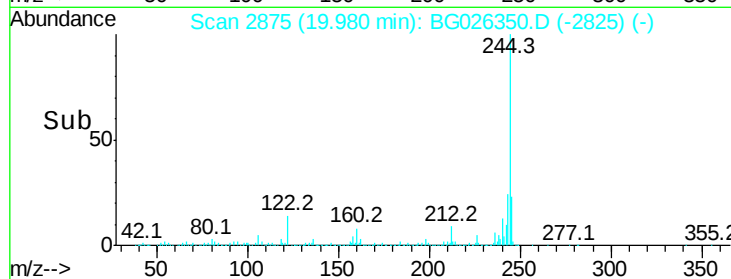
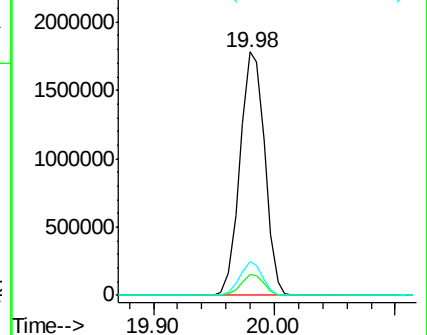
122 14.1 8.6 12.8#



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: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026350.D

Acq: 21 Mar 2017 6:39

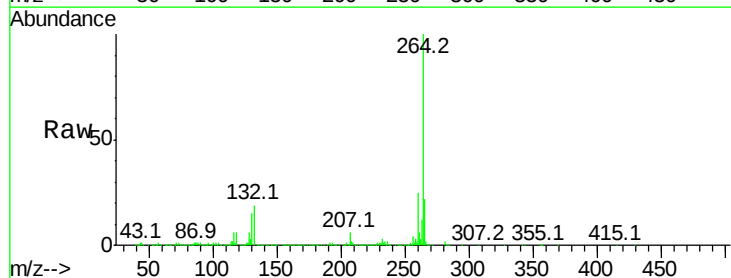
Tgt Ion:264 Resp: 778441

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	21.6	18.2	27.4

264 100

260 24.7 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

