

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023364.D
 Acq On : 30 Jul 2016 19:30
 Operator : UM/SJ
 Sample : H4223-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUPLICATE

Quant Time: Aug 01 02:10:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

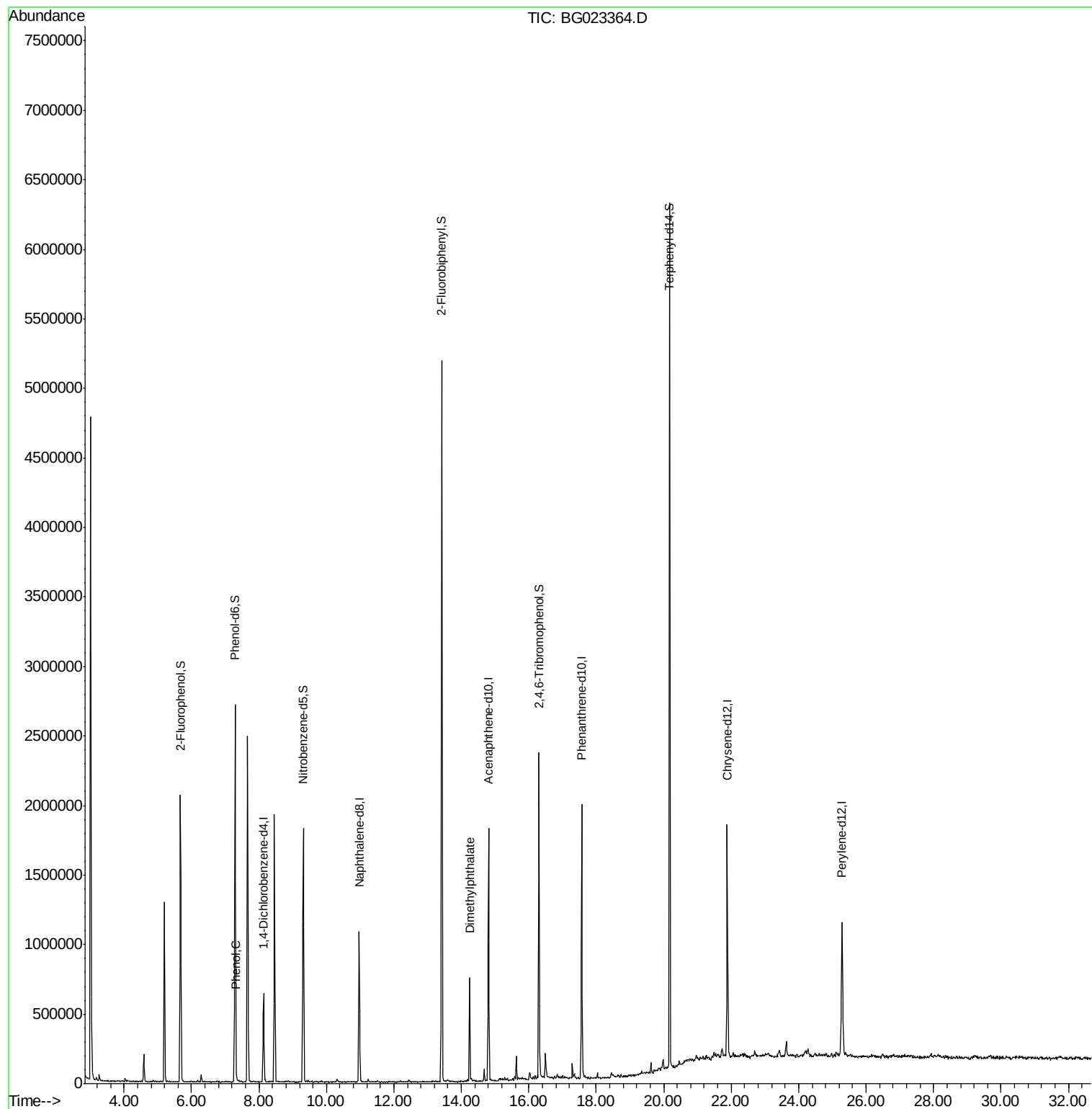
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	178005	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	883150	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	615935	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1158953	20.00	ng	0.00
75) Chrysene-d12	21.88	240	1022438	20.00	ng	0.00
86) Perylene-d12	25.28	264	1040805	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	898036	86.13	ng	0.00
7) Phenol-d6	7.29	99	1653535	103.29	ng	0.00
23) Nitrobenzene-d5	9.31	82	1176779	65.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	453016	71.06	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2466114	74.94	ng	0.00
78) Terphenyl-d14	20.17	244	2384147	75.80	ng	0.00
Target Compounds						
10) Phenol	7.32	94	40315	2.39	ng	89
49) Dimethylphthalate	14.25	163	500198	11.00	ng	99

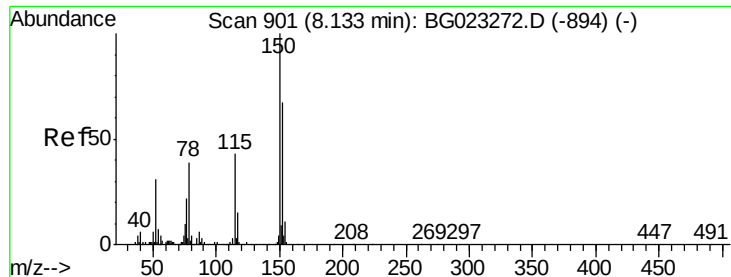
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

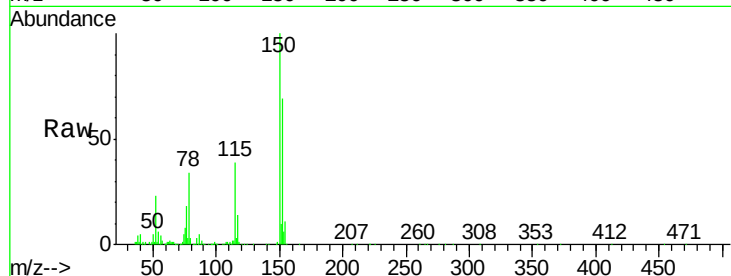
Tgt Ion:152 Resp: 178005

Ion Ratio Lower Upper

152 100

150 145.2 144.7 217.1

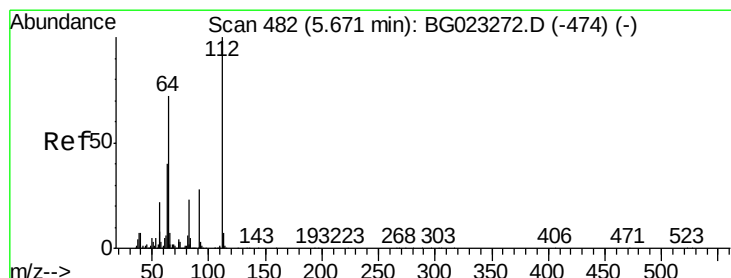
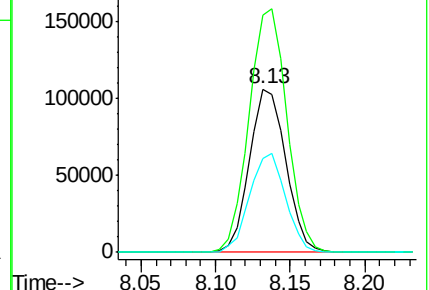
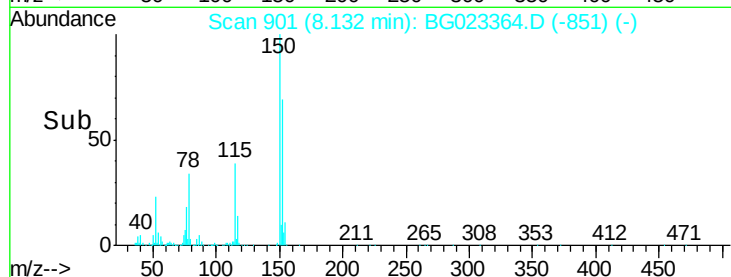
115 57.3 64.0 96.0#



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: 86.13 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

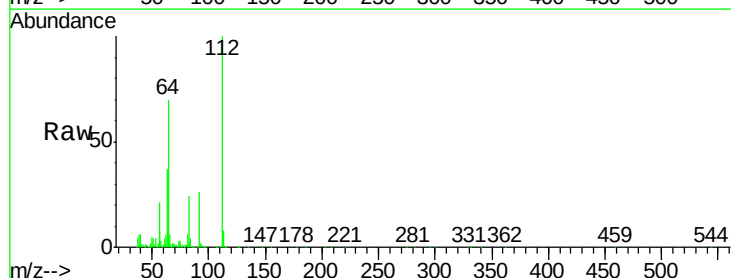
Tgt Ion:112 Resp: 898036

Ion Ratio Lower Upper

112 100

64 69.7 59.0 88.4

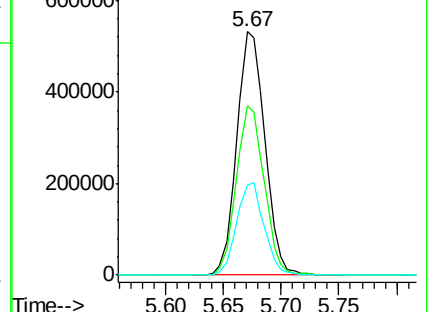
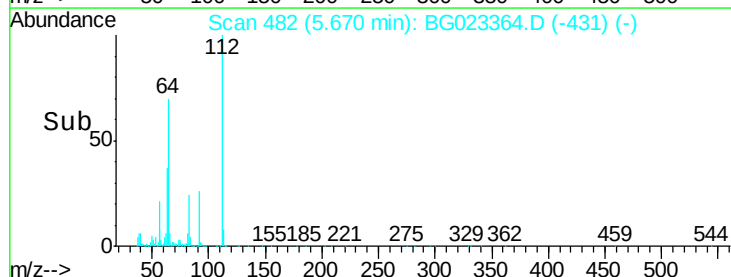
63 37.1 37.8 56.8#

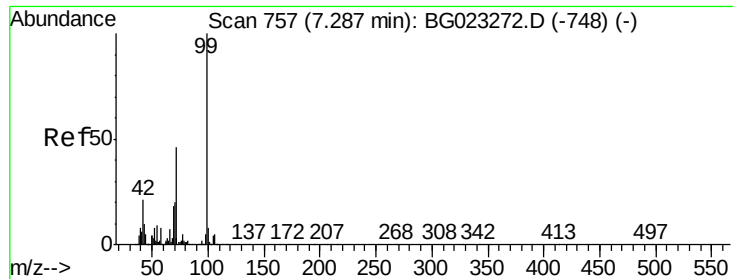


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.29 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

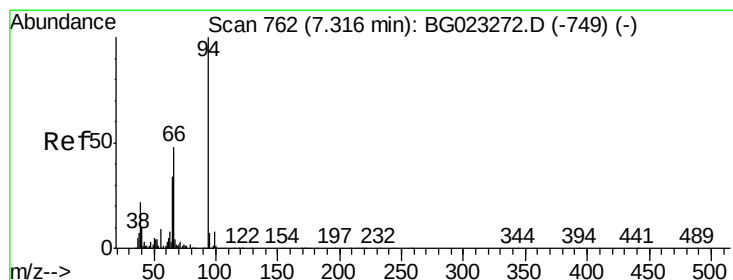
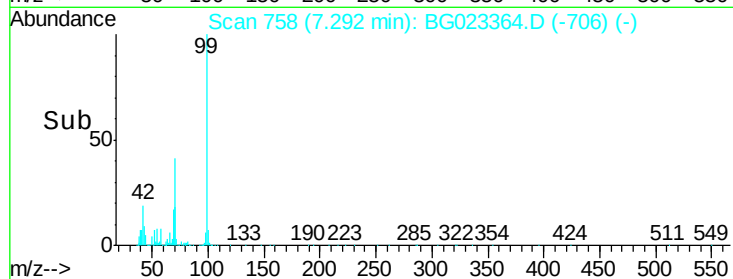
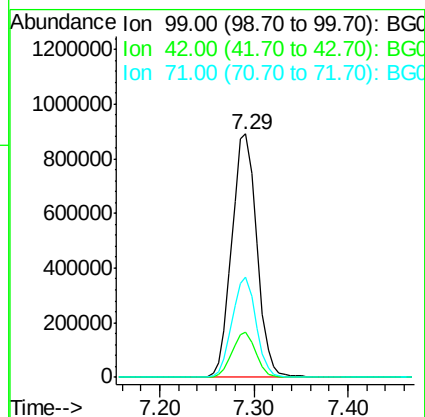
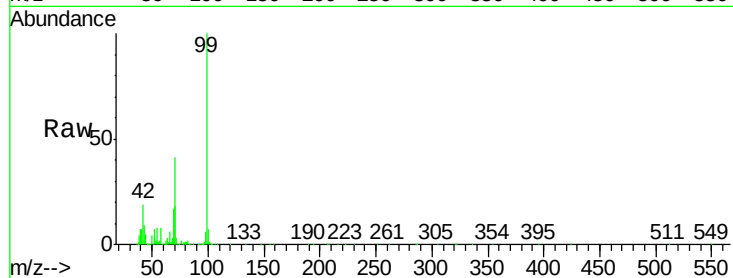
Tgt Ion: 99 Resp: 1653535

Ion Ratio Lower Upper

99 100

42 18.5 17.8 26.6

71 41.1 41.5 62.3#



#10

Phenol

Concen: 2.39 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

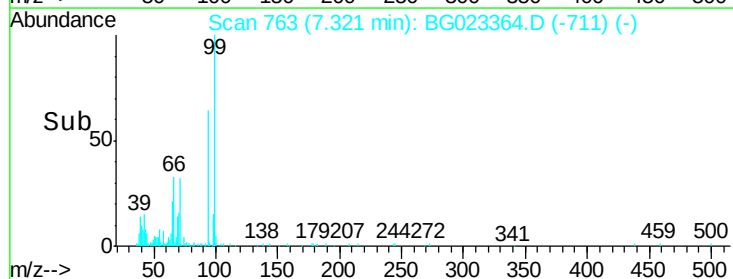
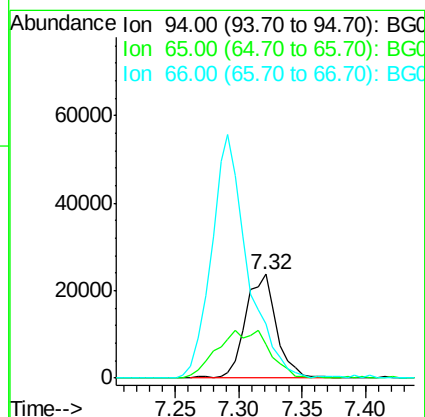
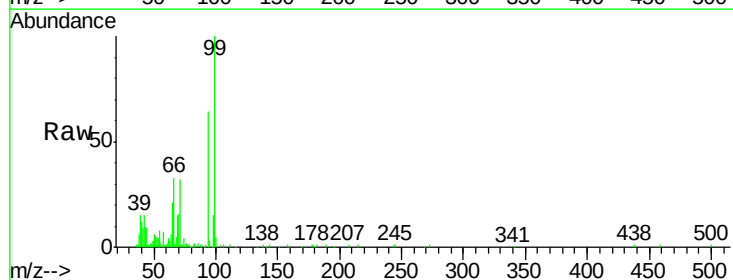
Tgt Ion: 94 Resp: 40315

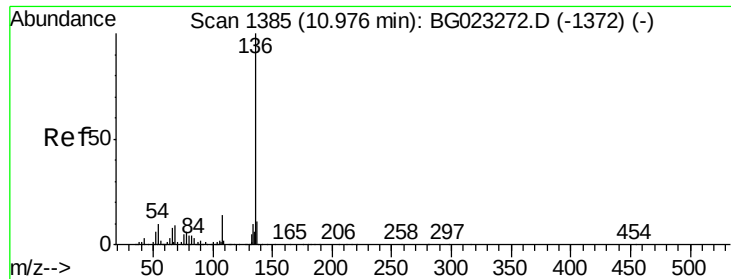
Ion Ratio Lower Upper

94 100

65 33.0 18.1 58.1

66 52.2 42.1 82.1

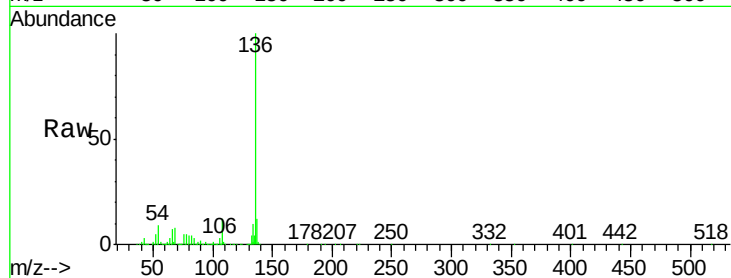




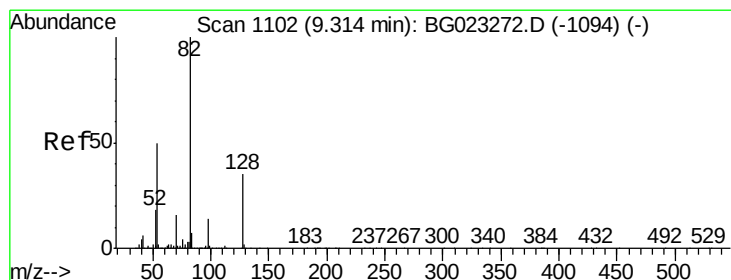
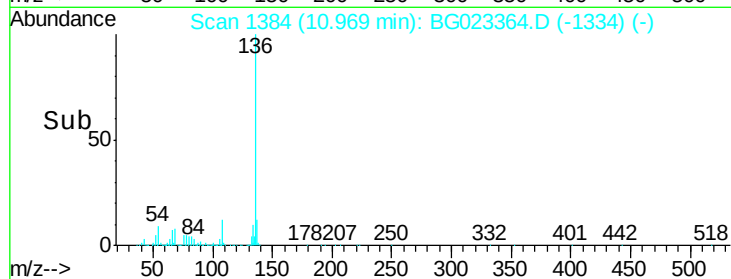
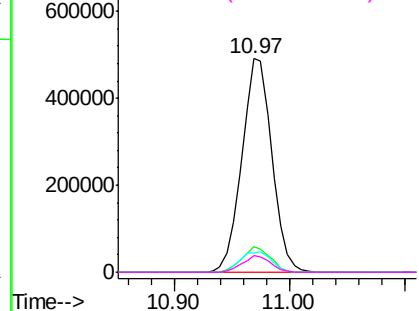
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tgt Ion:	136	Resp:	883150
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.0	7.3	10.9
68	7.8	5.3	7.9

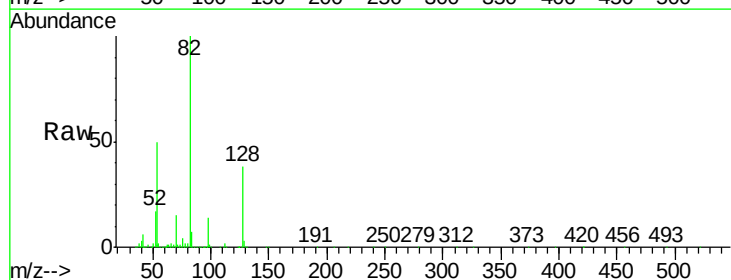


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

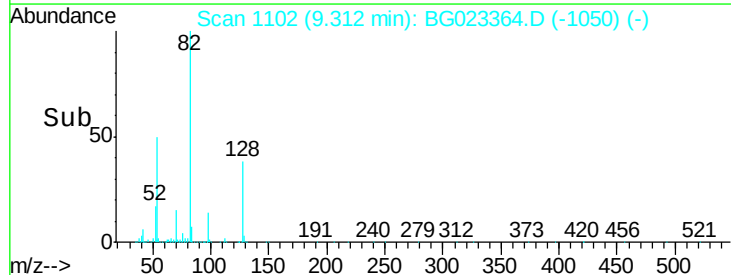
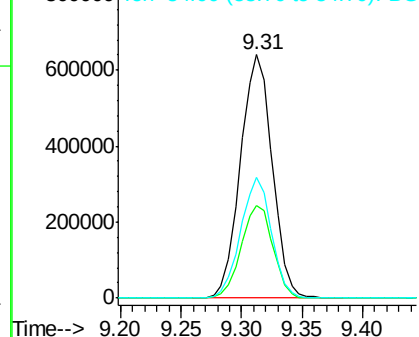


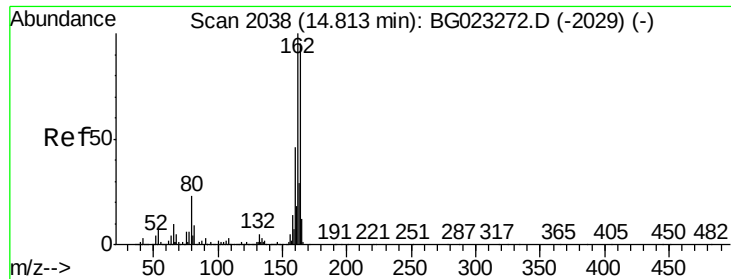
#23
Nitrobenzene-d5
Concen: 65.16 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023364.D
Acq: 30 Jul 2016 19:30

Tgt Ion:	82	Resp:	1176779
Ion	Ratio	Lower	Upper
82	100		
128	38.0	24.4	36.6#
54	49.8	41.4	62.0



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: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

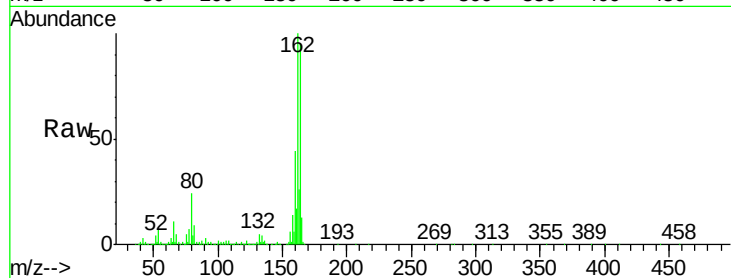
Tgt Ion:164 Resp: 615935

Ion Ratio Lower Upper

164 100

162 104.9 87.7 131.5

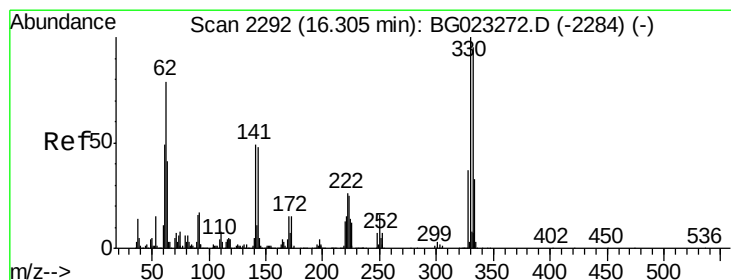
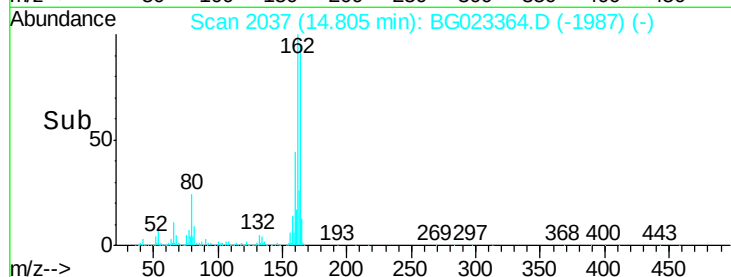
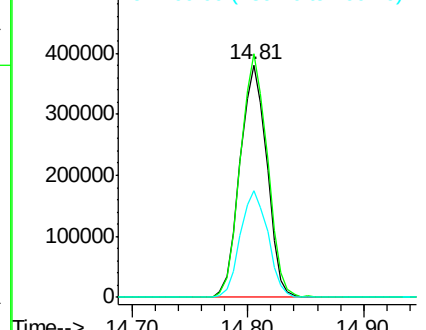
160 45.7 37.2 55.8



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: 71.06 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

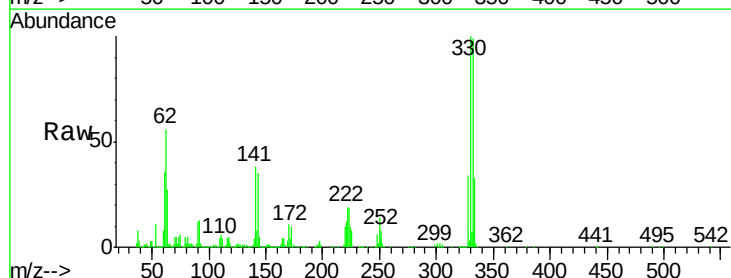
Tgt Ion:330 Resp: 453016

Ion Ratio Lower Upper

330 100

332 102.3 77.4 116.2

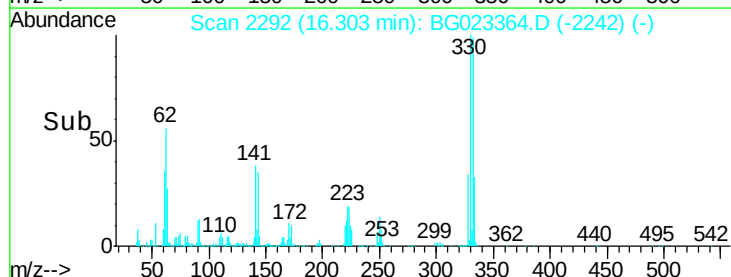
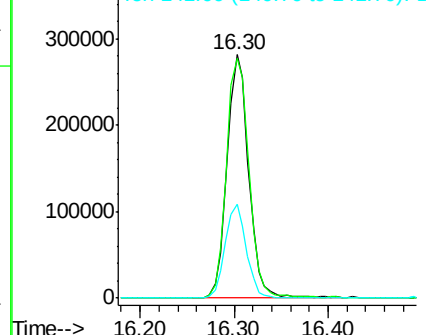
141 37.8 31.7 47.5

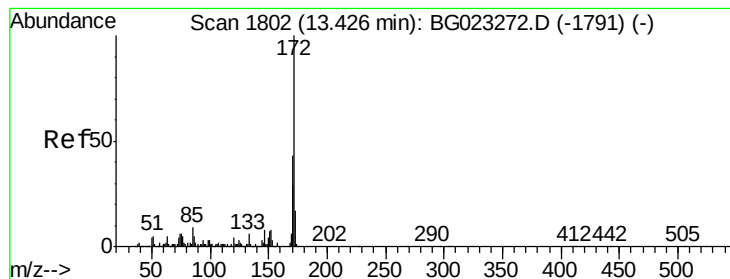


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 74.94 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

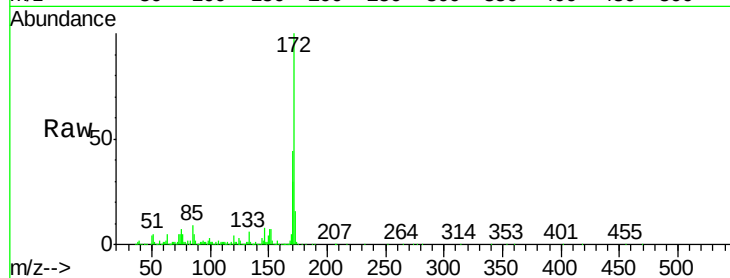
Tgt Ion:172 Resp: 2466114

Ion Ratio Lower Upper

172 100

171 43.8 31.6 47.4

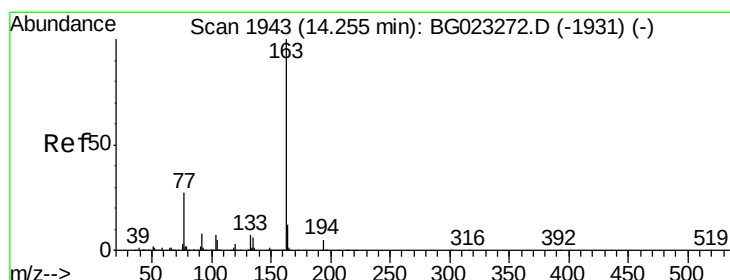
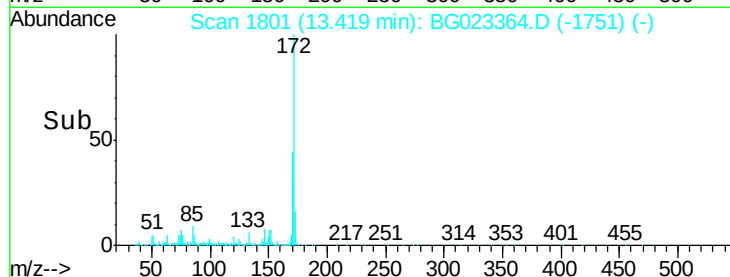
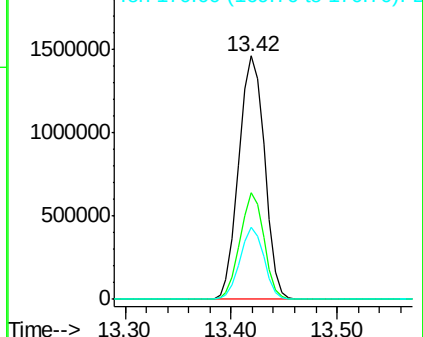
170 29.8 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 11.00 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

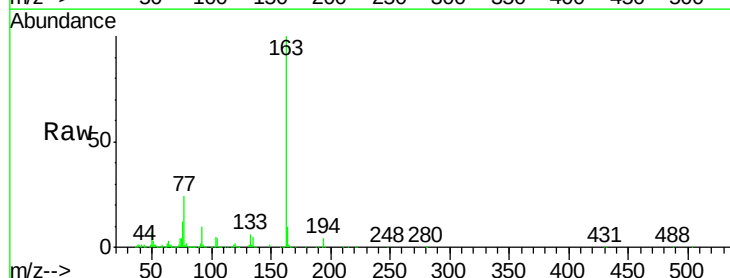
Tgt Ion:163 Resp: 500198

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

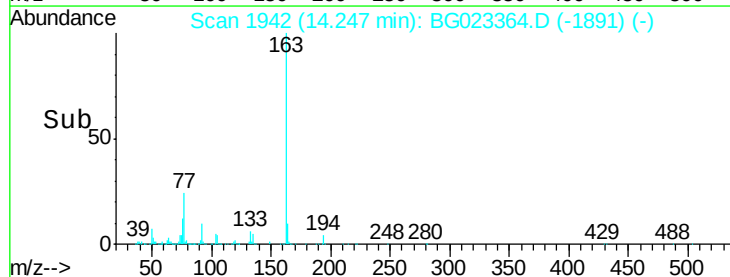
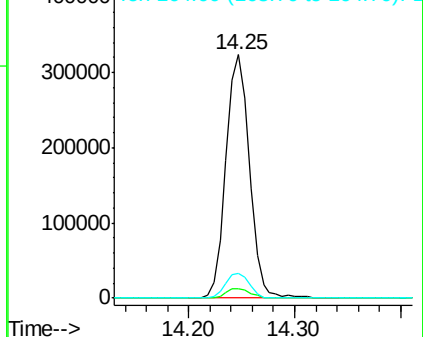
164 10.4 8.1 12.1

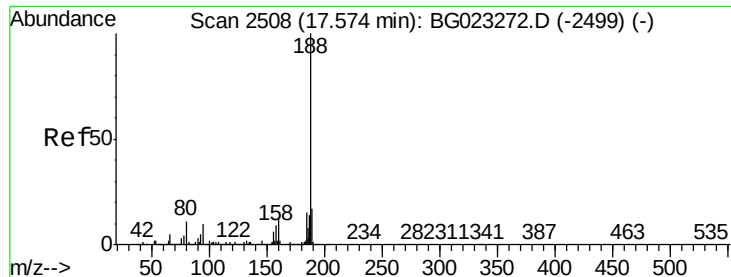


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

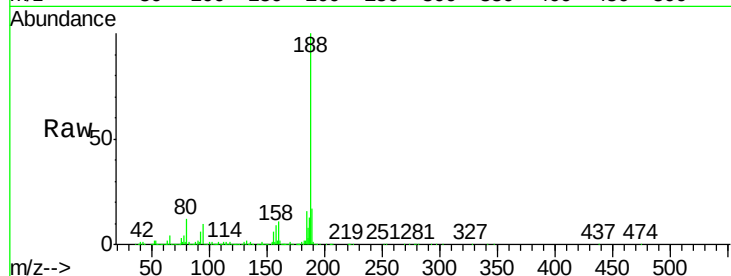
Tgt Ion:188 Resp: 1158953

Ion Ratio Lower Upper

188 100

94 10.0 5.2 7.8#

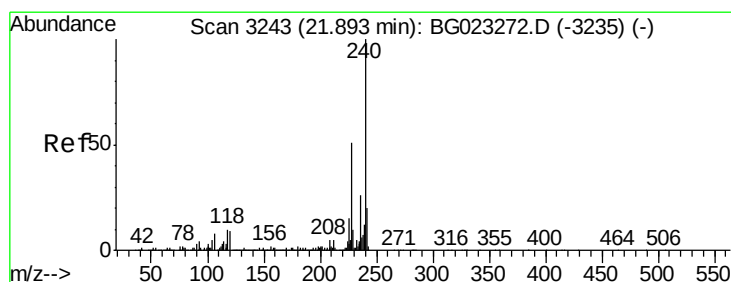
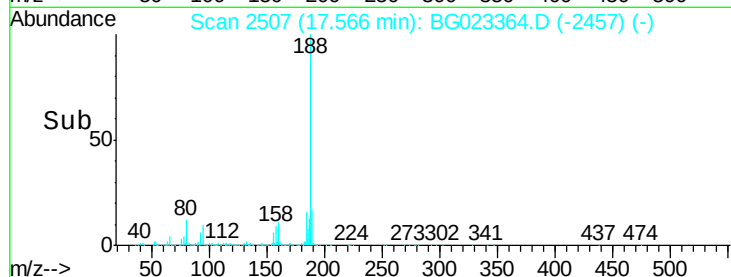
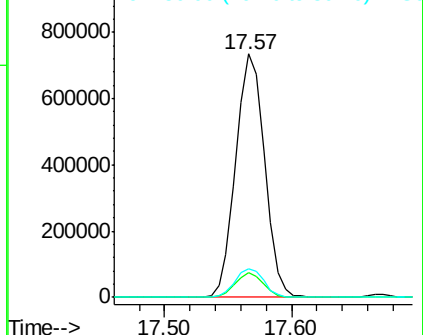
80 11.8 7.2 10.8#



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: 21.88 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

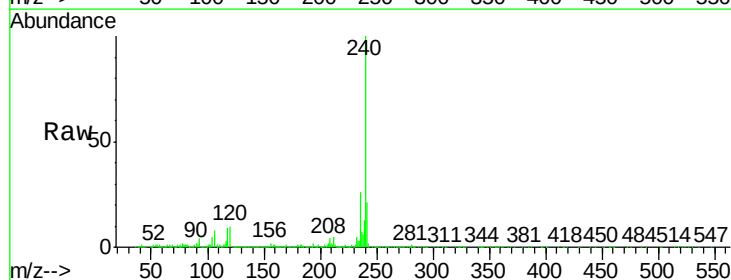
Tgt Ion:240 Resp: 1022438

Ion Ratio Lower Upper

240 100

120 9.8 4.1 6.1#

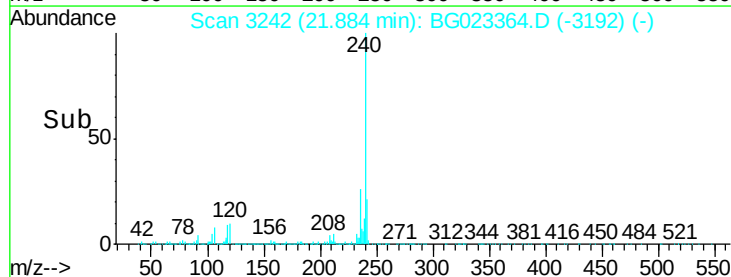
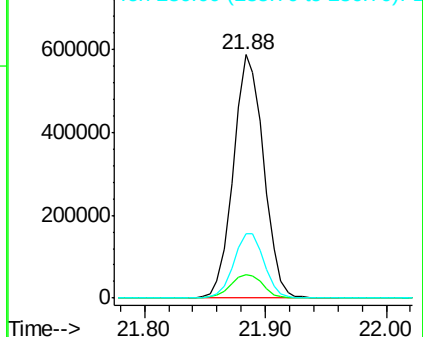
236 26.3 21.1 31.7

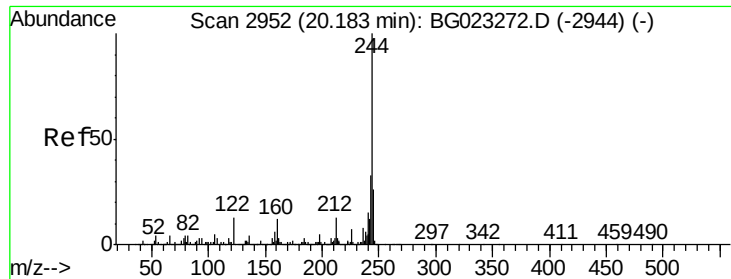


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.80 ng

RT: 20.17 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

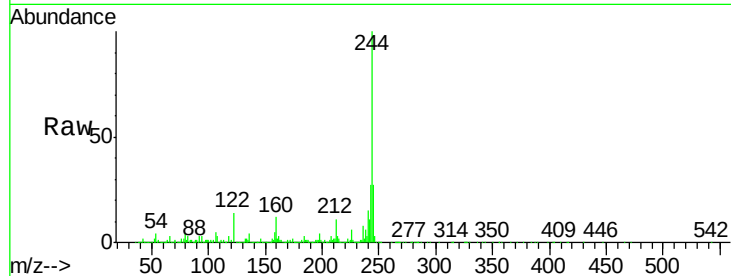
Tgt Ion:244 Resp: 2384147

Ion Ratio Lower Upper

244 100

212 11.4 10.8 16.2

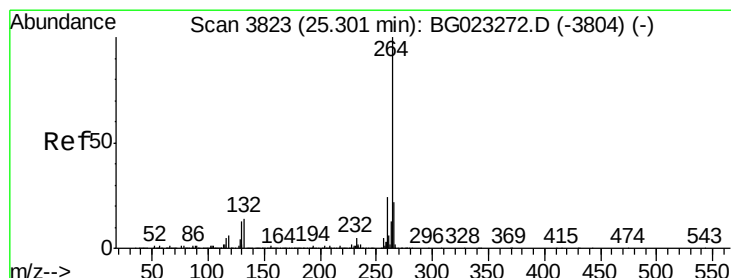
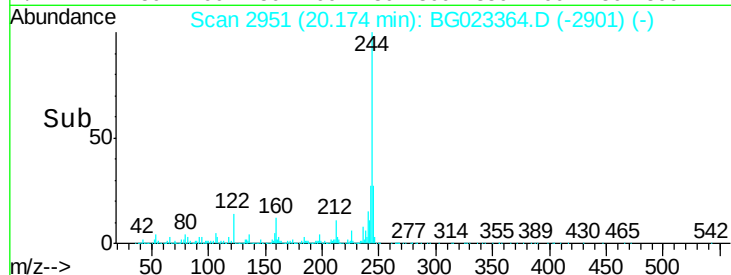
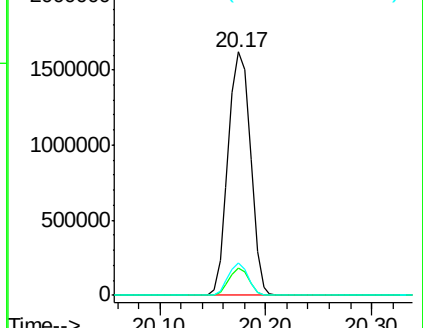
122 13.6 8.0 12.0#



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: 25.28 min Scan# 3821

Delta R.T. -0.02 min

Lab File: BG023364.D

Acq: 30 Jul 2016 19:30

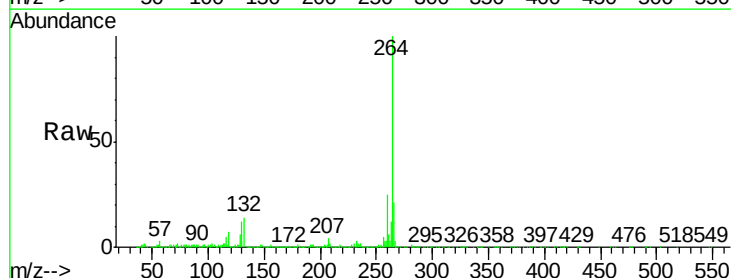
Tgt Ion:264 Resp: 1040805

Ion Ratio Lower Upper

264 100

260 25.4 18.4 27.6

265 21.2 18.9 28.3



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

