

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015964.D
 Acq On : 28 Jan 2015 2:36
 Operator : TP/IZ
 Sample : G1159-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-85(7-9)

Quant Time: Jan 28 05:18:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

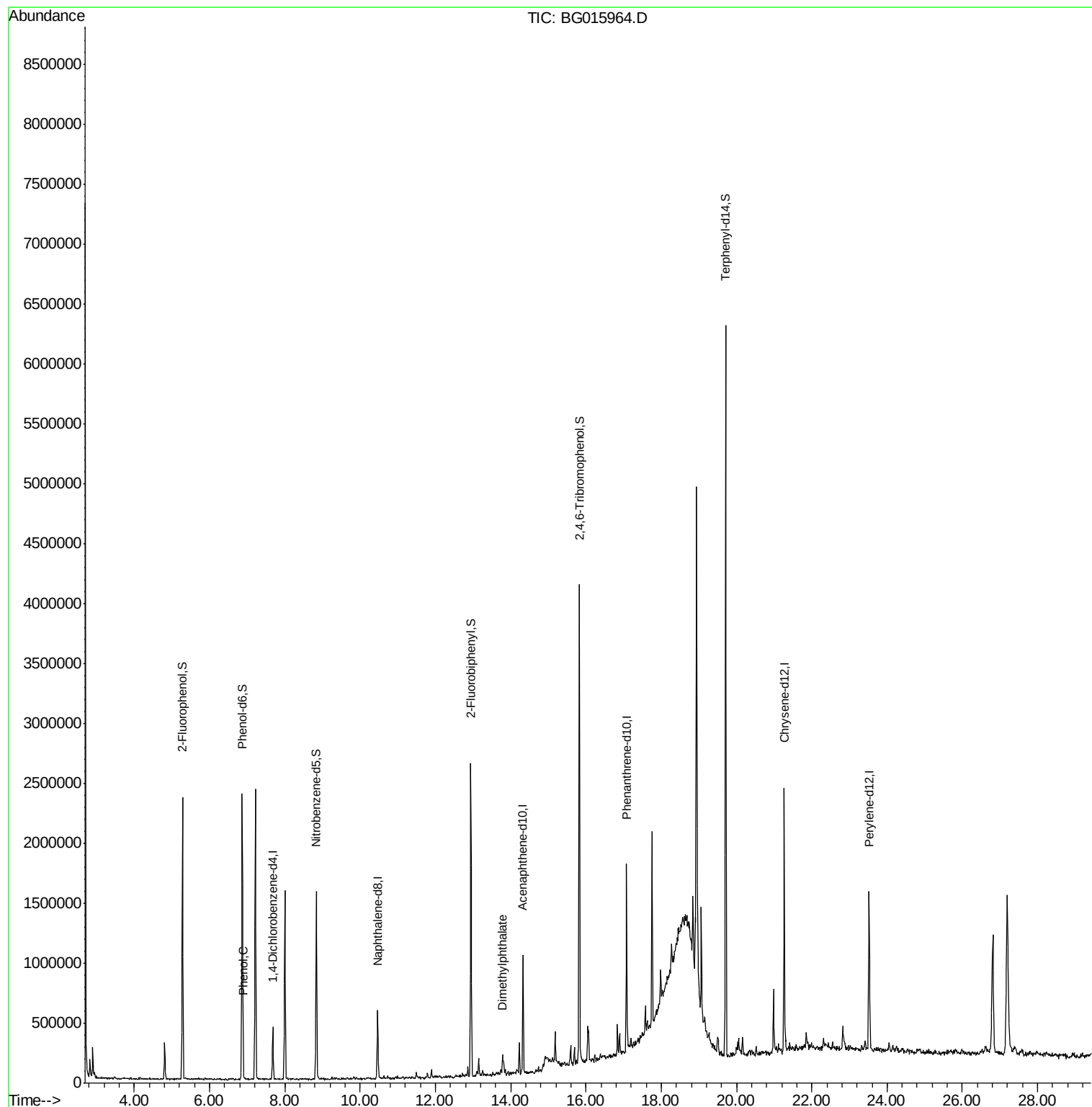
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	90376	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	354820	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	293393	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	775266	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1052086	20.00	ng	0.00
86) Perylene-d12	23.52	264	1041593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	759218	125.10	ng	0.00
7) Phenol-d6	6.87	99	1203101	123.02	ng	0.00
23) Nitrobenzene-d5	8.84	82	929386	75.50	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	723868	134.77	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	1169195	62.53	ng	0.00
78) Terphenyl-d14	19.72	244	2550154	62.95	ng	0.00
Target Compounds						
10) Phenol	6.90	94	39200	3.52	ng	Qvalue 98
49) Dimethylphthalate	13.78	163	79130	3.75	ng	# 94

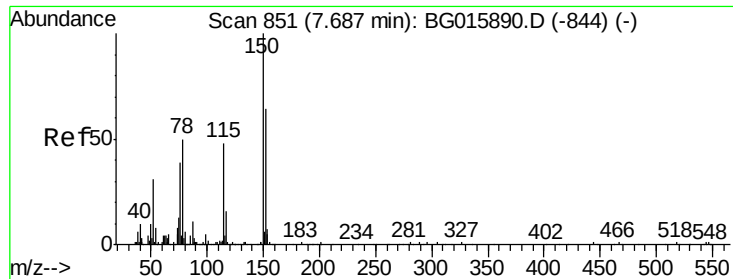
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Instrument :

BNA_G

ClientSampleId :

SB-85(7-9)

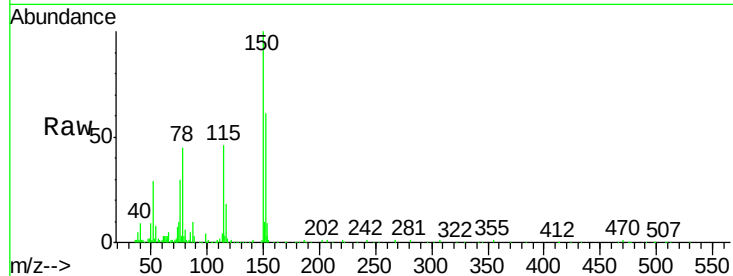
Tgt Ion:152 Resp: 90376

Ion Ratio Lower Upper

152 100

150 162.9 124.5 186.7

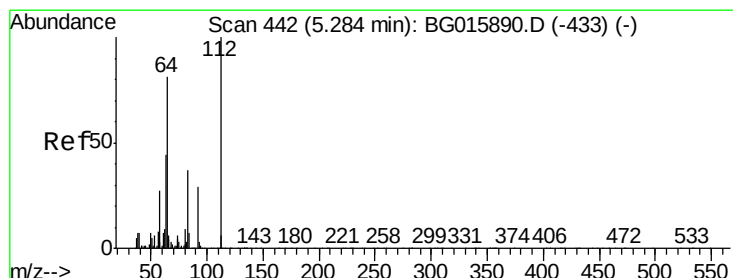
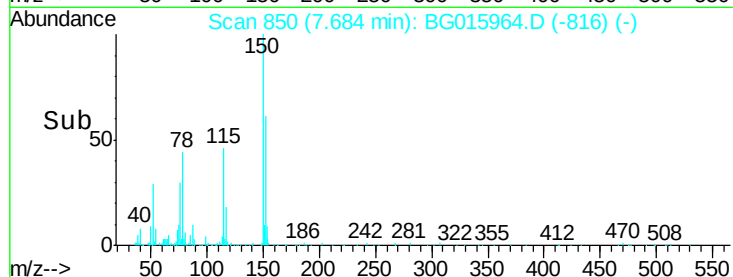
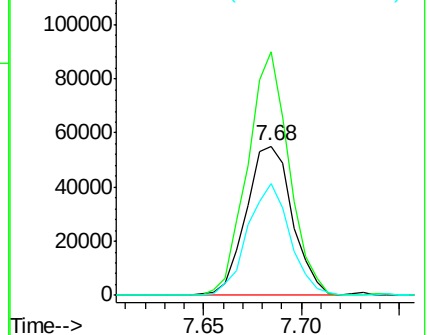
115 75.1 60.4 90.6



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: 125.10 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

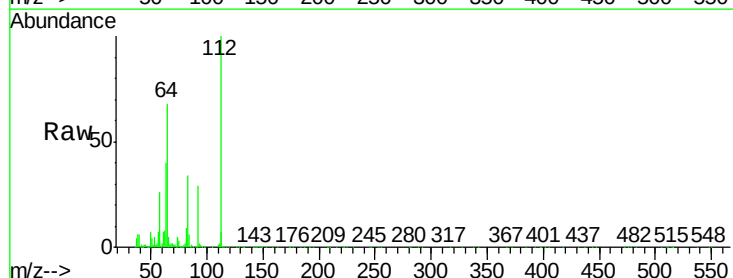
Tgt Ion:112 Resp: 759218

Ion Ratio Lower Upper

112 100

64 68.1 64.4 96.6

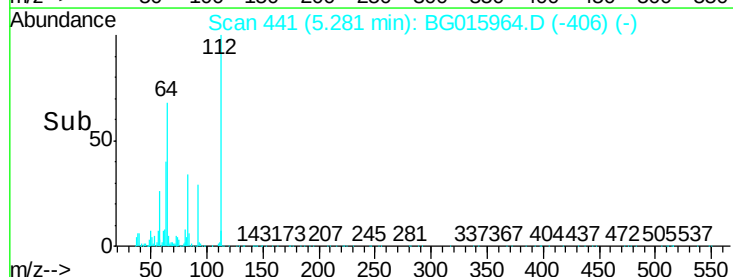
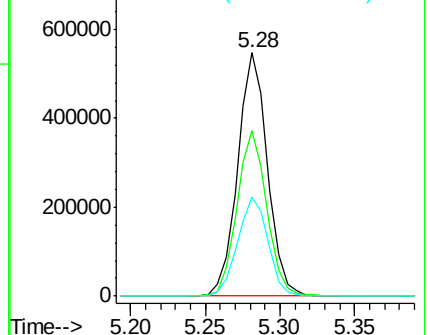
63 40.4 35.1 52.7

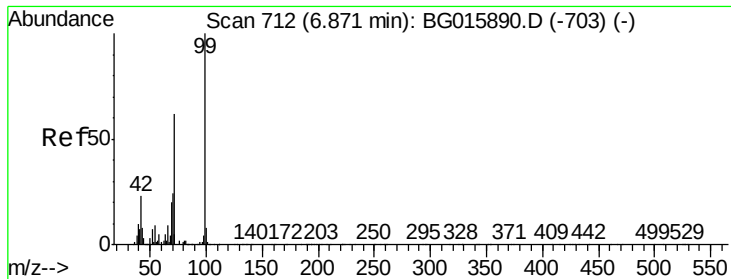


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.02 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Instrument :

BNA_G

ClientSampleId :

SB-85(7-9)

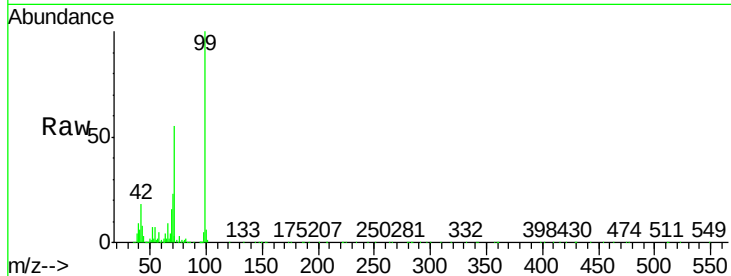
Tgt Ion: 99 Resp: 1203101

Ion Ratio Lower Upper

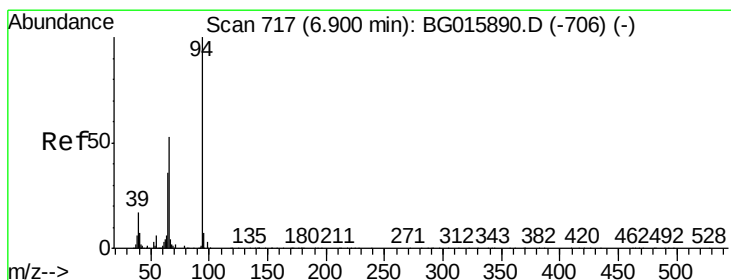
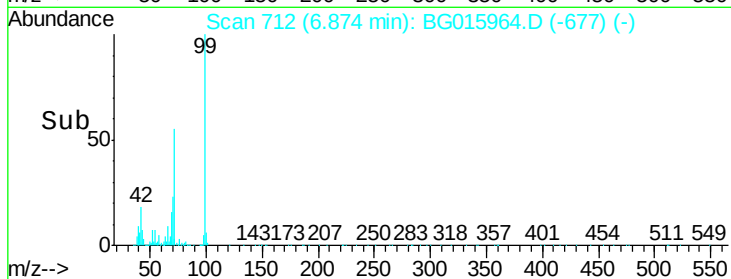
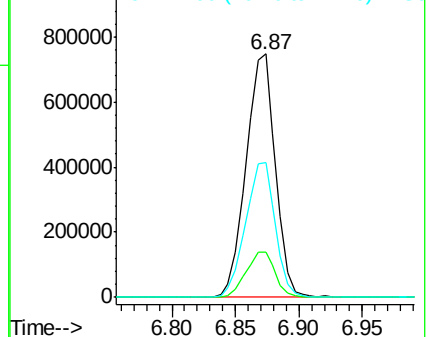
99 100

42 18.3 18.1 27.1

71 55.5 49.8 74.8



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



#10

Phenol

Concen: 3.52 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

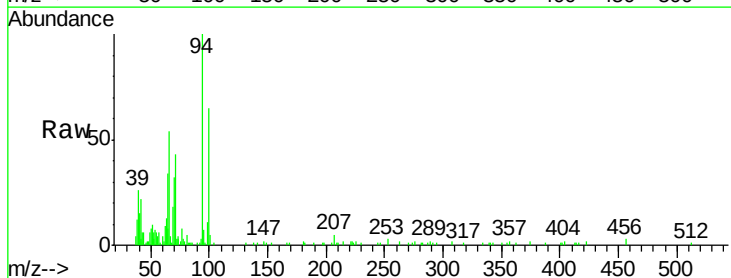
Tgt Ion: 94 Resp: 39200

Ion Ratio Lower Upper

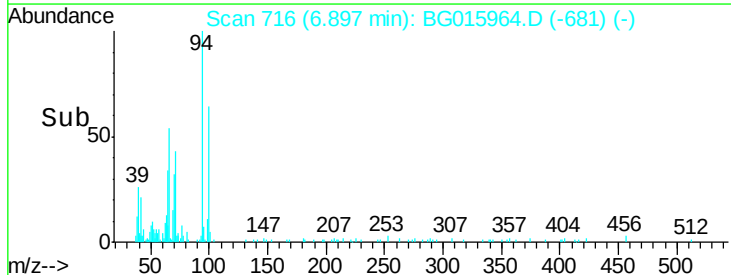
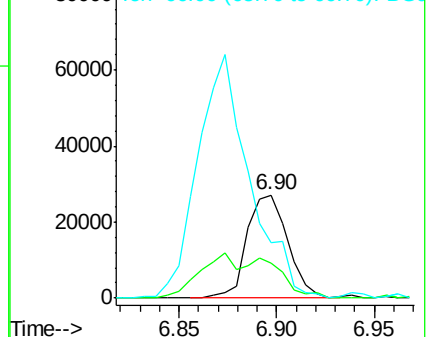
94 100

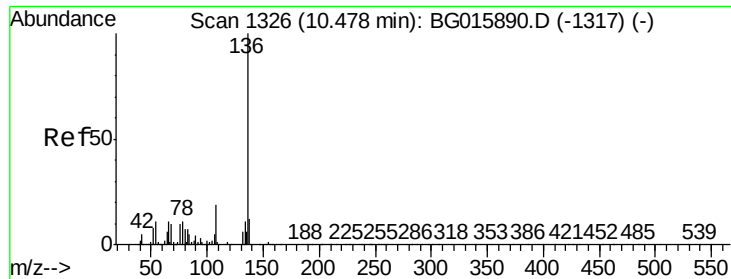
65 33.7 16.5 56.5

66 53.7 33.3 73.3



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

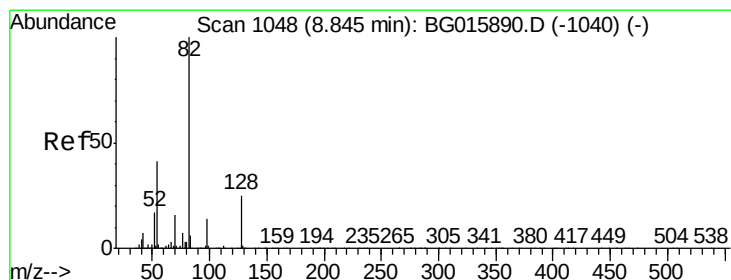
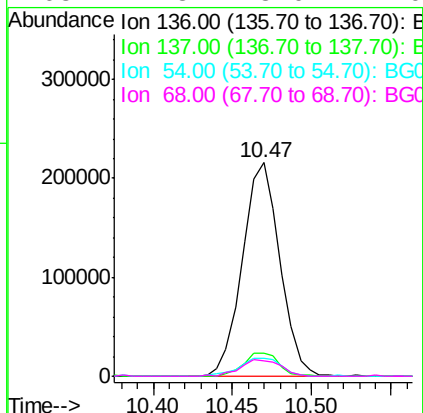
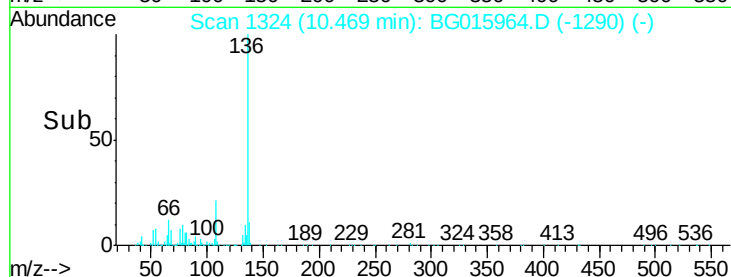
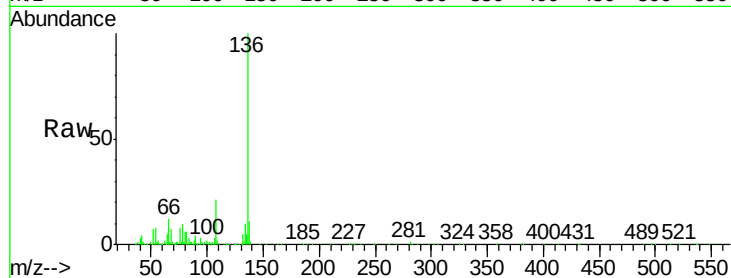




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG015964.D
Acq: 28 Jan 2015 2:36

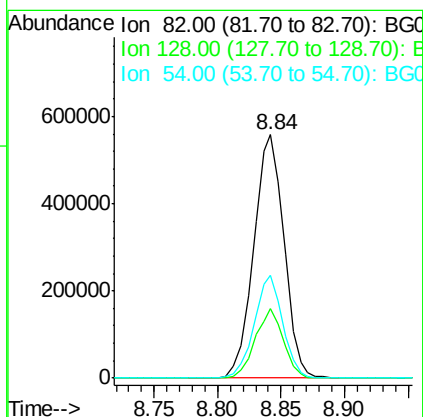
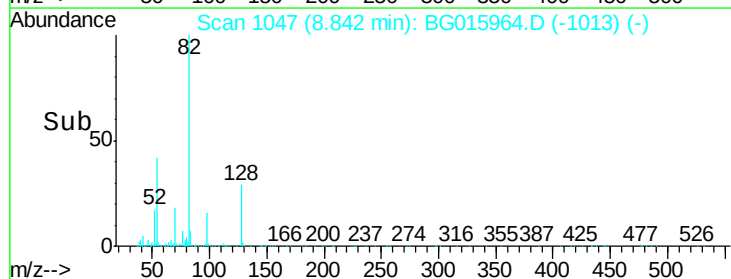
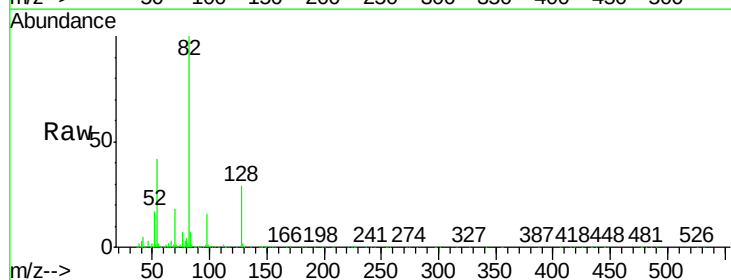
Instrument :
BNA_G
ClientSampleId :
SB-85(7-9)

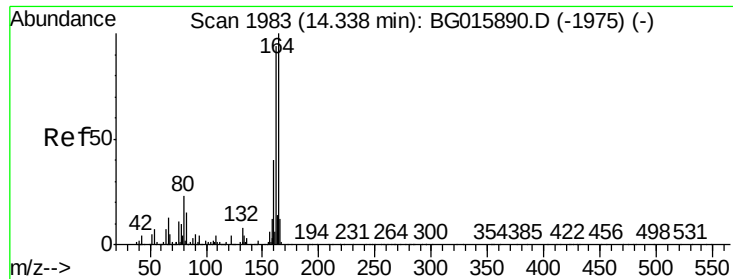
Tgt Ion:	136	Resp:	354820
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.7	14.5
54	8.1	8.5	12.7#
68	7.3	8.0	12.0#



#23
Nitrobenzene-d5
Concen: 75.50 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015964.D
Acq: 28 Jan 2015 2:36

Tgt Ion:	82	Resp:	929386
Ion Ratio	Lower	Upper	
82	100		
128	28.6	19.8	29.8
54	42.1	33.0	49.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Instrument :

BNA_G

ClientSampleId :

SB-85(7-9)

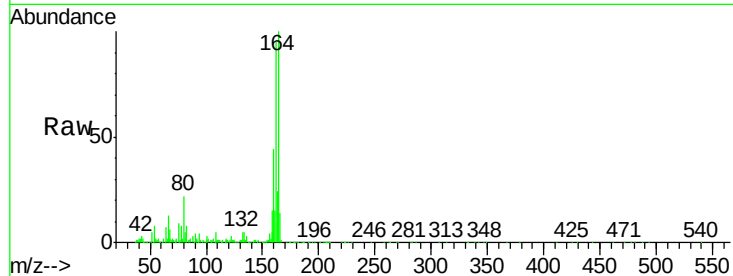
Tgt Ion:164 Resp: 293393

Ion Ratio Lower Upper

164 100

162 95.0 75.1 112.7

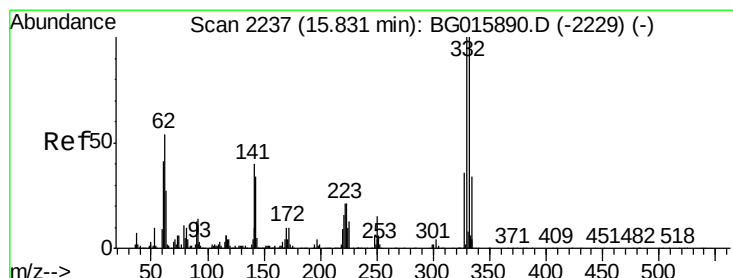
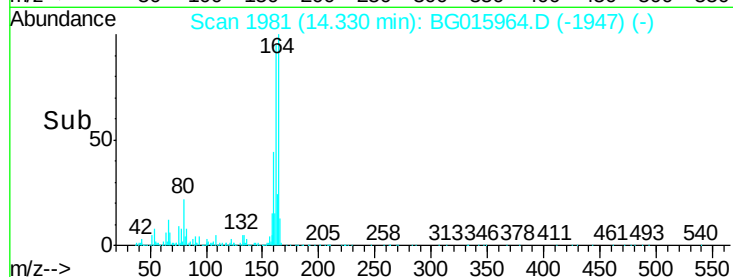
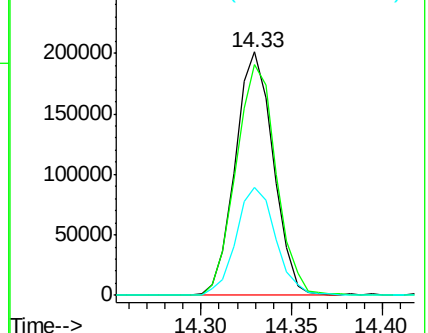
160 44.3 32.3 48.5



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: 134.77 ng

RT: 15.83 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

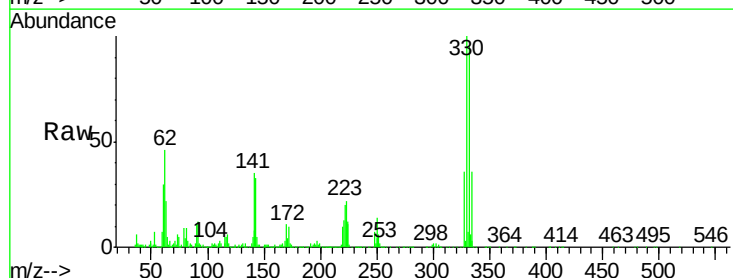
Tgt Ion:330 Resp: 723868

Ion Ratio Lower Upper

330 100

332 94.6 75.4 113.0

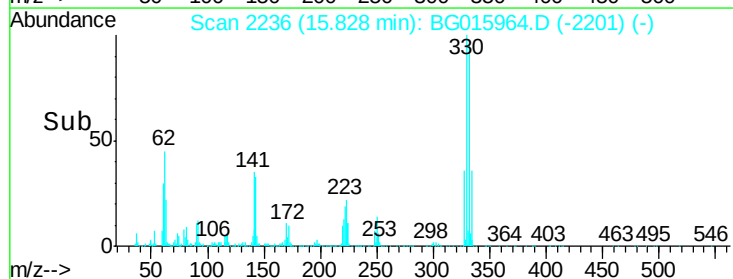
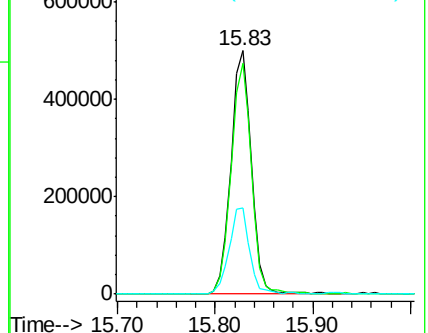
141 34.9 33.0 49.6

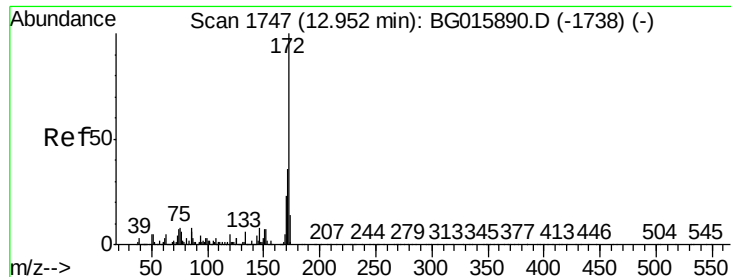


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

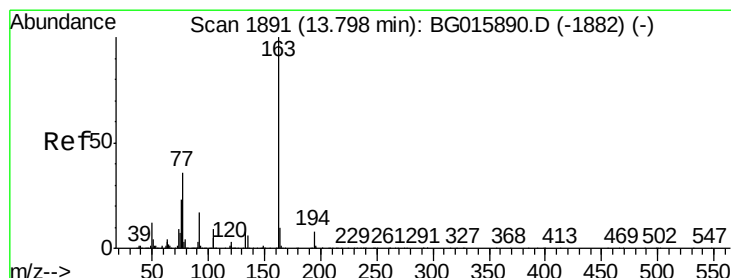
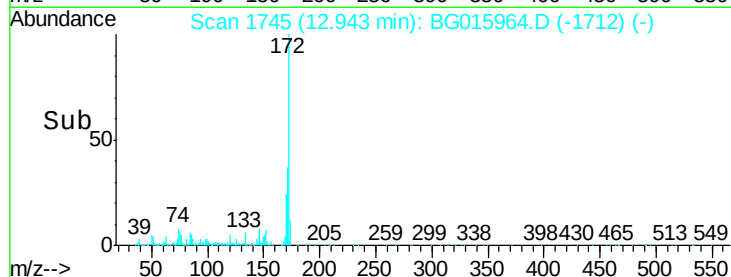
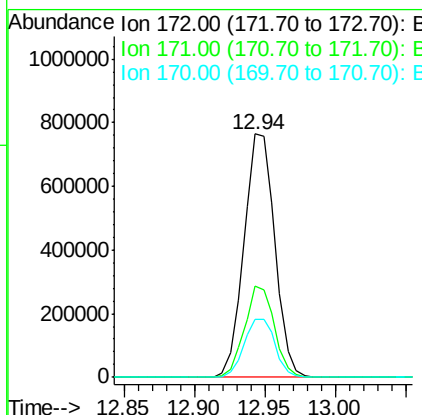
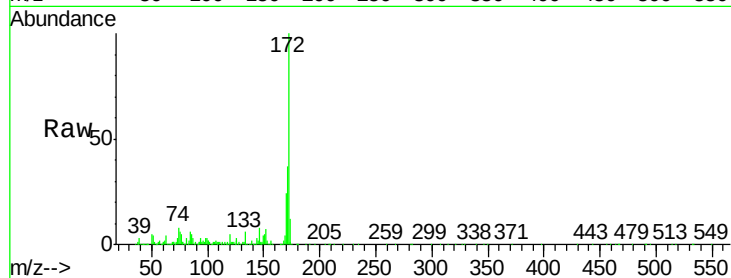




#44
2-Fluorobiphenyl
Concen: 62.53 ng
RT: 12.94 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG015964.D
Acq: 28 Jan 2015 2:36

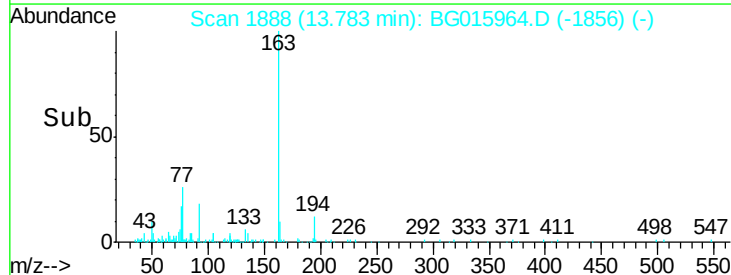
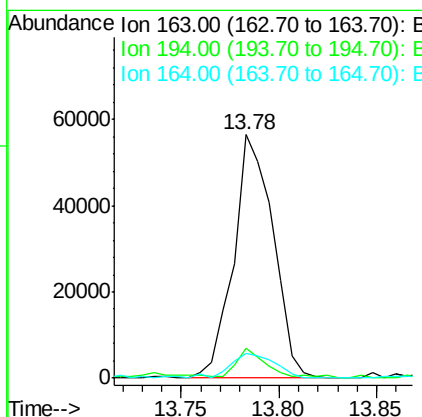
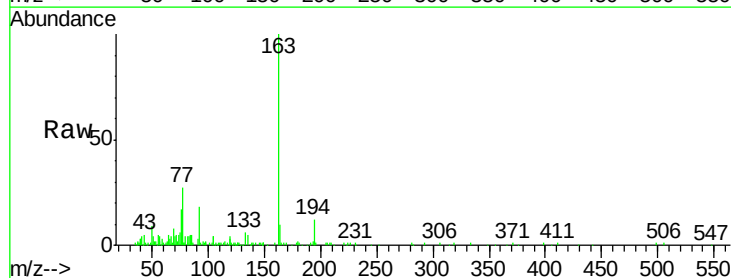
Instrument :
BNA_G
ClientSampleId :
SB-85(7-9)

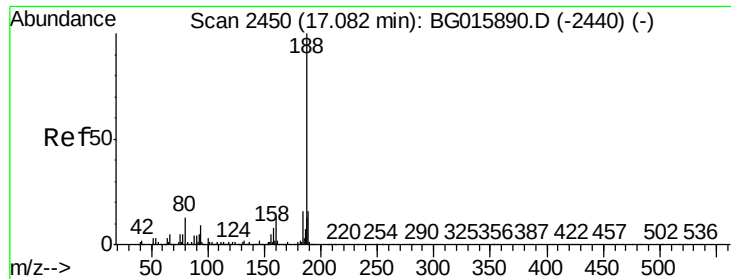
Tgt Ion:172 Resp: 1169195
Ion Ratio Lower Upper
172 100
171 37.4 29.2 43.8
170 23.9 18.6 27.8



#49
Dimethylphthalate
Concen: 3.75 ng
RT: 13.78 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG015964.D
Acq: 28 Jan 2015 2:36

Tgt Ion:163 Resp: 79130
Ion Ratio Lower Upper
163 100
194 12.1 6.2 9.4#
164 10.4 8.0 12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Instrument :

BNA_G

ClientSampleId :

SB-85(7-9)

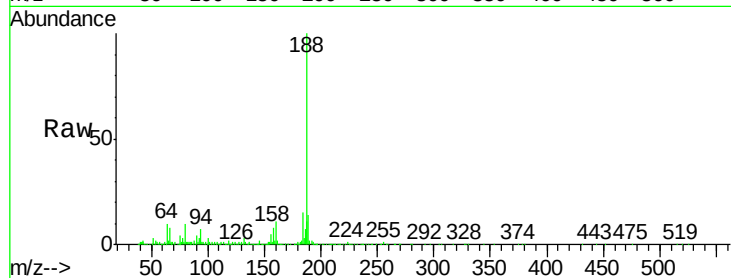
Tgt Ion:188 Resp: 775266

Ion Ratio Lower Upper

188 100

94 8.0 7.8 11.8

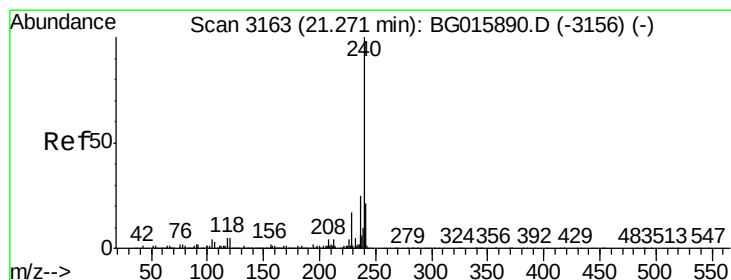
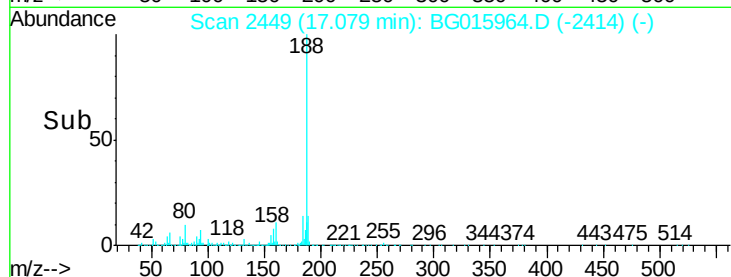
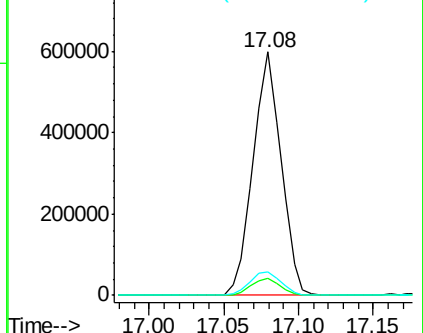
80 9.8 10.6 16.0#



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: 21.27 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

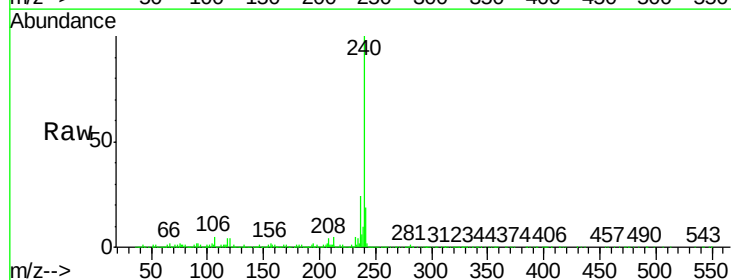
Tgt Ion:240 Resp: 1052086

Ion Ratio Lower Upper

240 100

120 3.7 3.9 5.9#

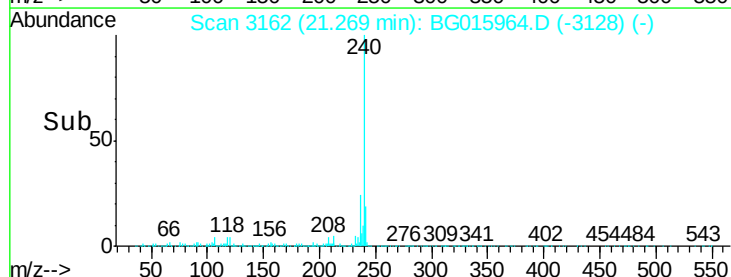
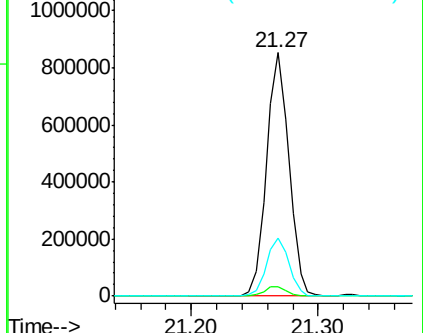
236 23.7 20.0 30.0

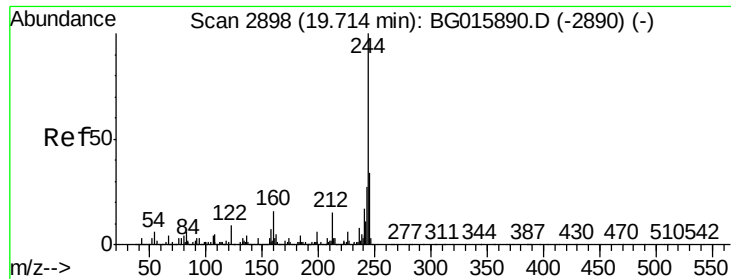


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.95 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Instrument :

BNA_G

ClientSampleId :

SB-85(7-9)

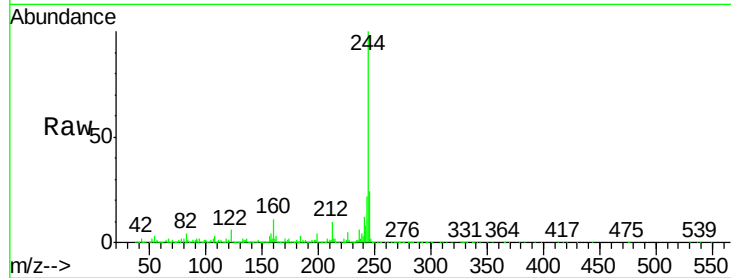
Tgt Ion:244 Resp: 2550154

Ion Ratio Lower Upper

244 100

212 10.0 11.6 17.4#

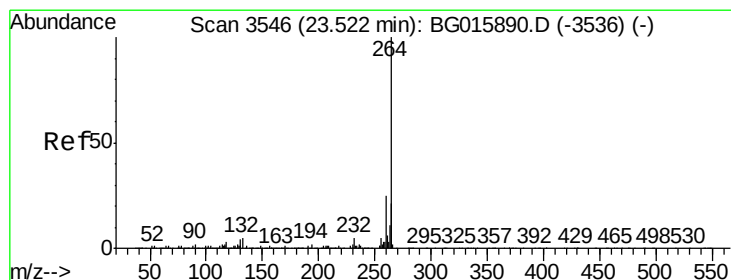
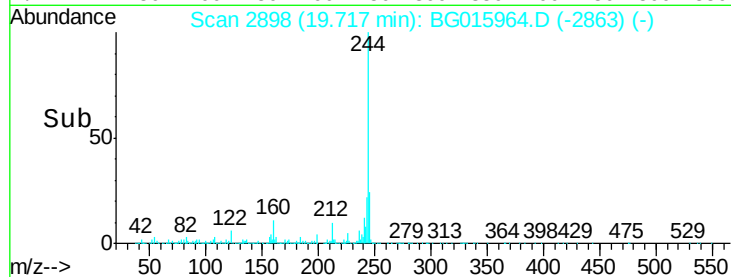
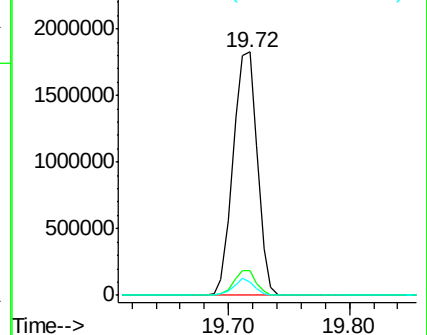
122 5.6 7.0 10.4#



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: 23.52 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

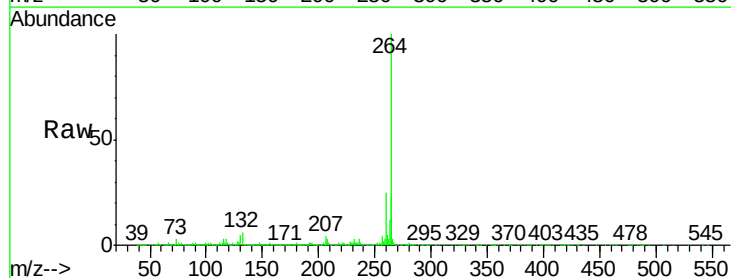
Tgt Ion:264 Resp: 1041593

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.6 17.3 25.9



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

