

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042015\
 Data File : BG016556.D
 Acq On : 20 Apr 2015 18:06
 Operator : TP/IZ
 Sample : G1898-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-44

Quant Time: Apr 21 01:52:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 01:34:55 2015
 Response via : Initial Calibration

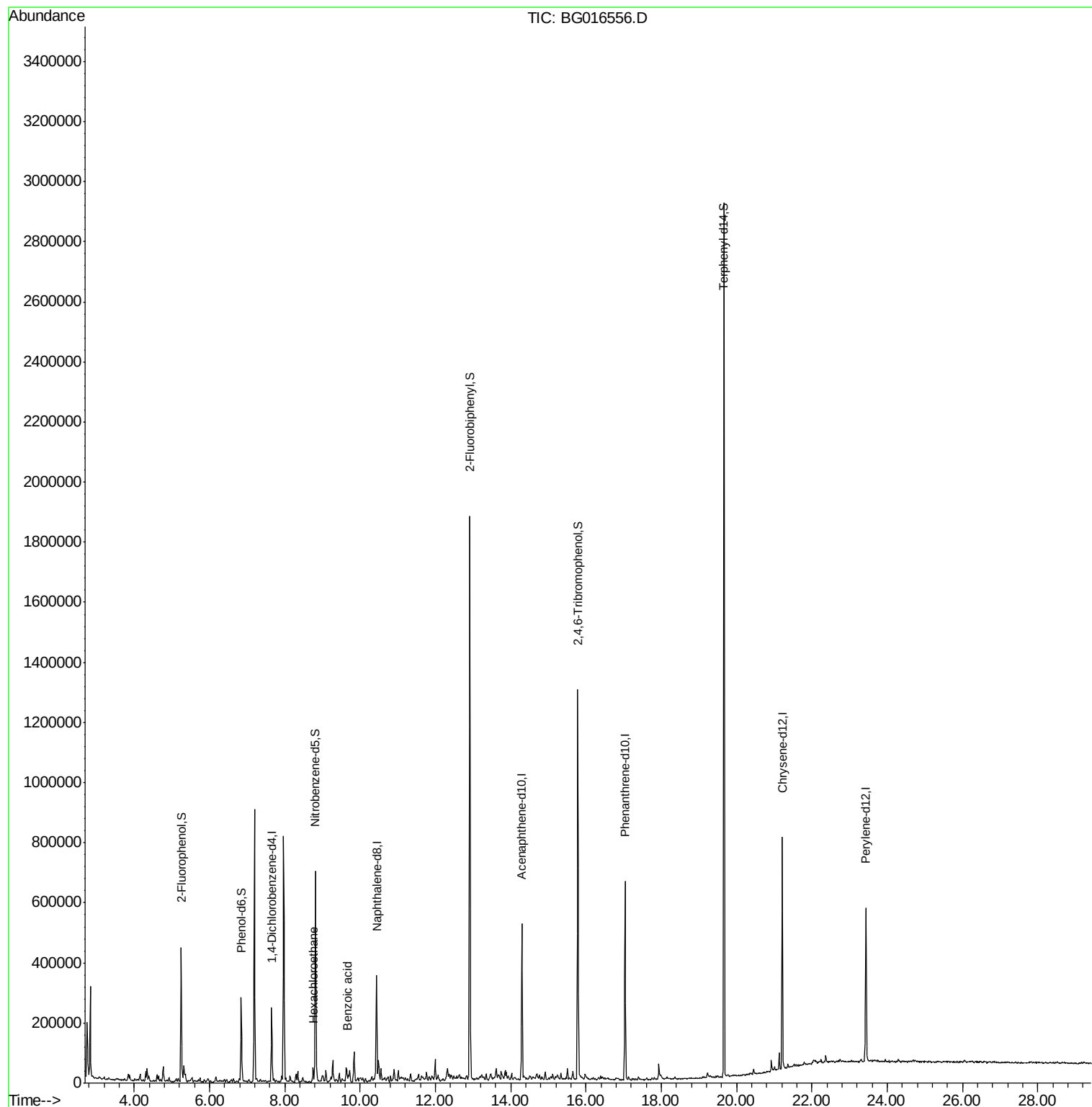
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	66505	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	291421	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	171428	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	353952	20.00	ng	0.00
75) Chrysene-d12	21.21	240	308285	20.00	ng	0.00
86) Perylene-d12	23.43	264	285121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	221348	52.53	ng	0.00
7) Phenol-d6	6.84	99	188928	29.87	ng	0.00
23) Nitrobenzene-d5	8.81	82	397992	79.11	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	177422	153.04	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	910227	90.40	ng	0.00
78) Terphenyl-d14	19.66	244	1084480	82.33	ng	0.00
Target Compounds						
18) Hexachloroethane	8.76	117	7361	3.63	ng	# 19
32) Benzoic acid	9.66	122	1694	9.19	ng	# 70

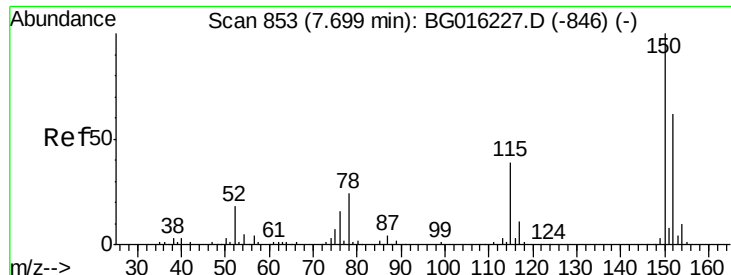
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. 0.01 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

Instrument :

BNA_G

ClientSampled :

MW-44

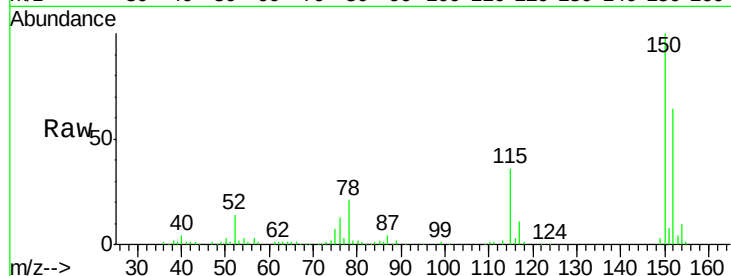
Tgt Ion:152 Resp: 66505

Ion Ratio Lower Upper

152 100

150 155.9 130.1 195.1

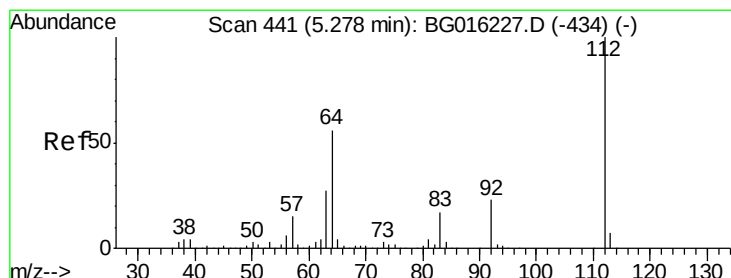
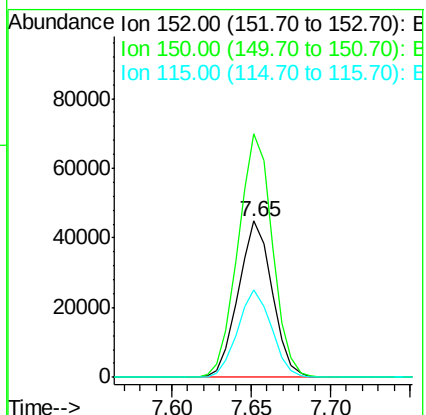
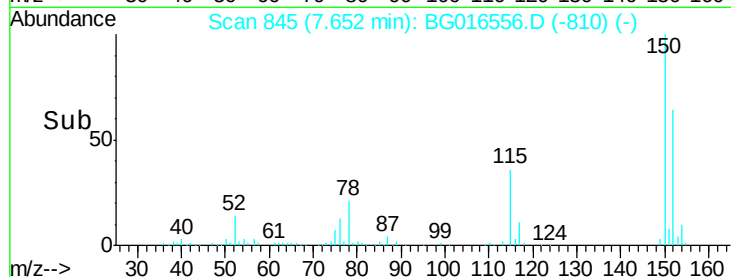
115 55.9 50.5 75.7



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: 52.53 ng

RT: 5.24 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

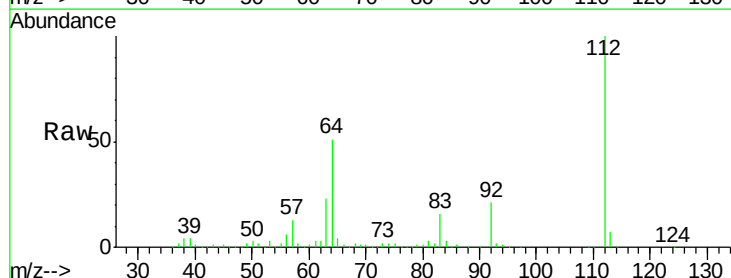
Tgt Ion:112 Resp: 221348

Ion Ratio Lower Upper

112 100

64 50.7 44.5 66.7

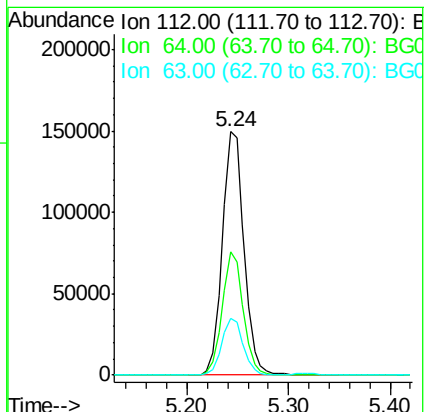
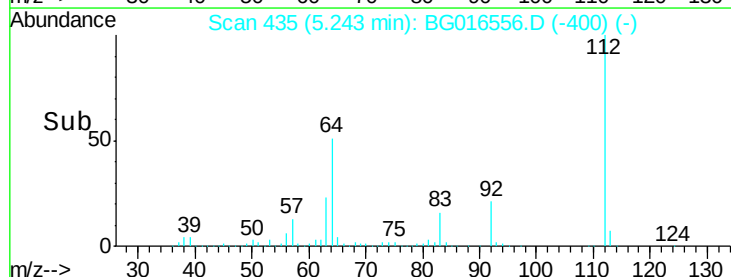
63 23.4 21.4 32.0

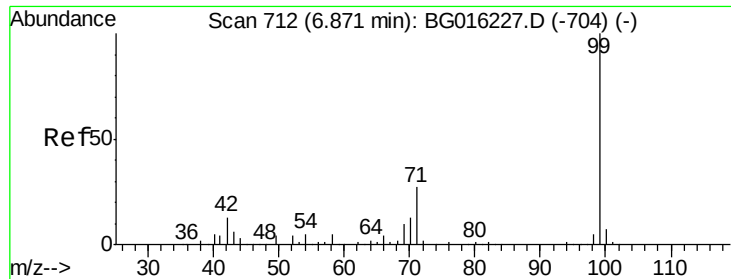


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 29.87 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

Instrument :

BNA_G

ClientSampleId :

MW-44

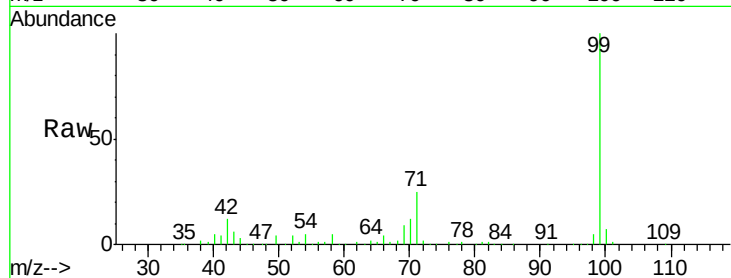
Tgt Ion: 99 Resp: 188928

Ion Ratio Lower Upper

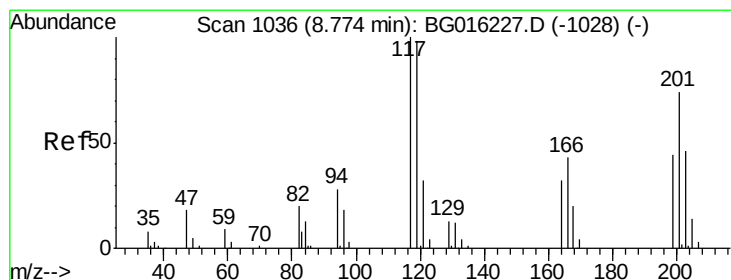
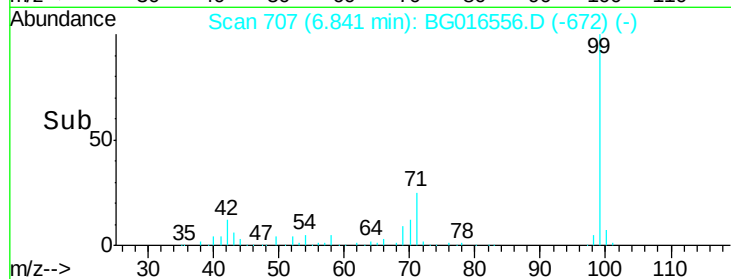
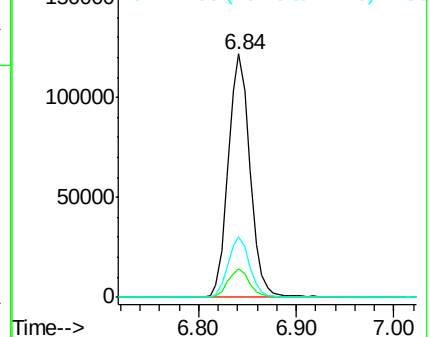
99 100

42 11.8 10.0 15.0

71 25.1 21.5 32.3



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



#18

Hexachloroethane

Concen: 3.63 ng

RT: 8.76 min Scan# 1033

Delta R.T. 0.04 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

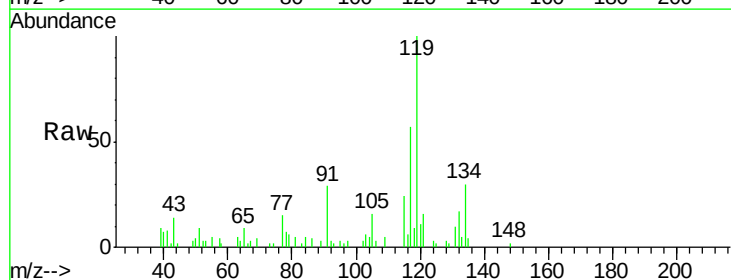
Tgt Ion: 117 Resp: 7361

Ion Ratio Lower Upper

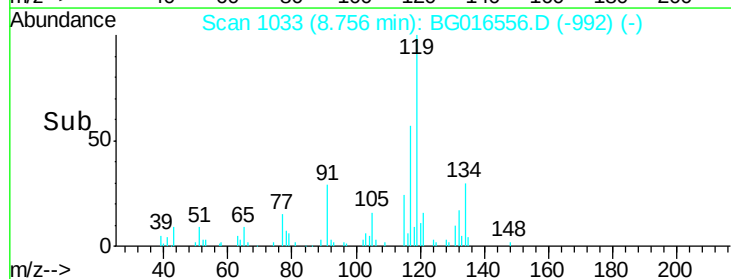
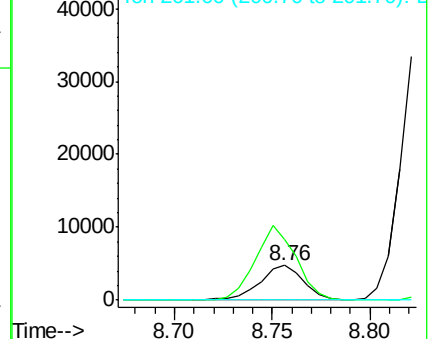
117 100

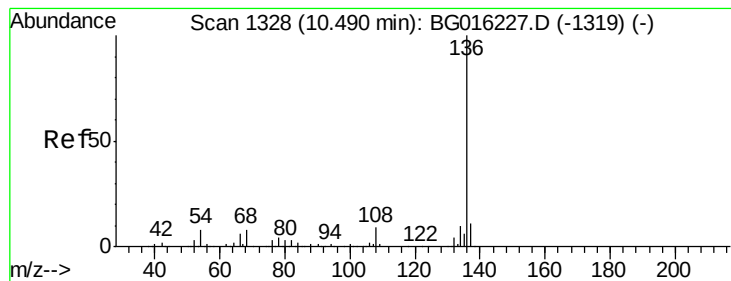
119 174.9 78.8 118.2#

201 0.0 59.0 88.4#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.44 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

Instrument :

BNA_G

ClientSampleId :

MW-44

Tgt Ion:136 Resp: 291421

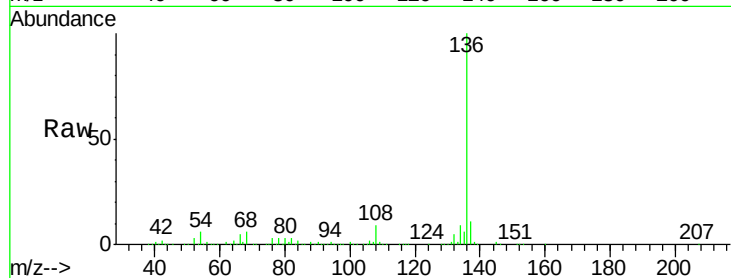
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.0 6.3 9.5#

68 6.3 6.5 9.7#

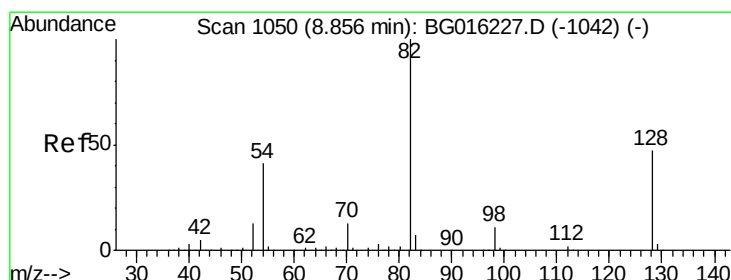
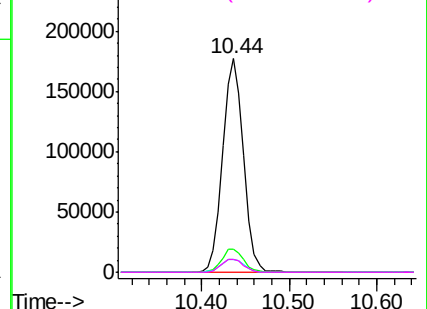
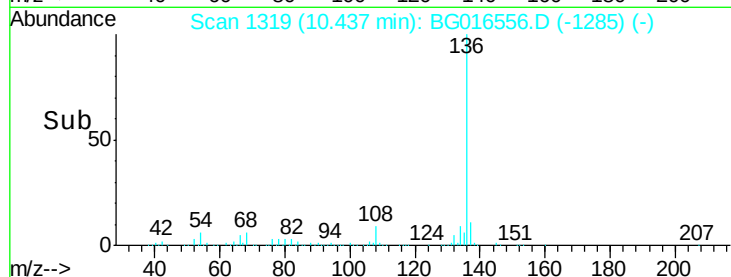


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.11 ng

RT: 8.81 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

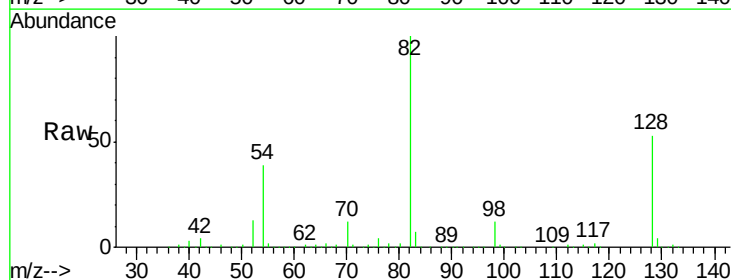
Tgt Ion: 82 Resp: 397992

Ion Ratio Lower Upper

82 100

128 53.5 37.8 56.8

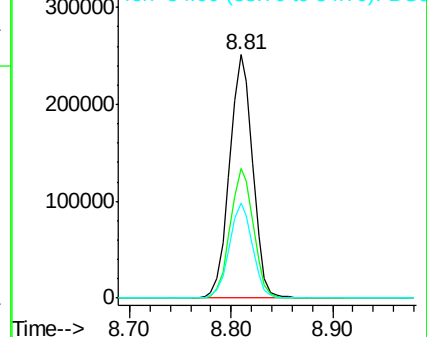
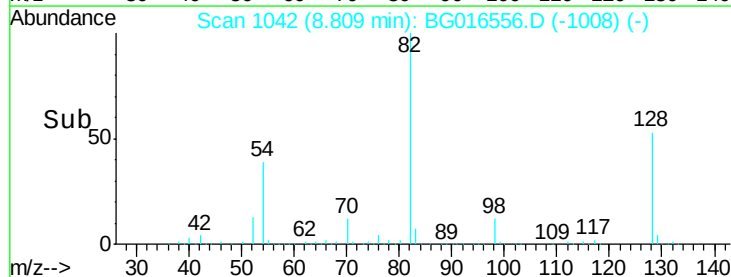
54 39.2 32.6 49.0

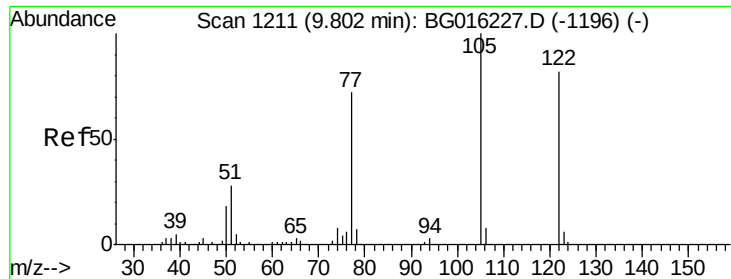


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

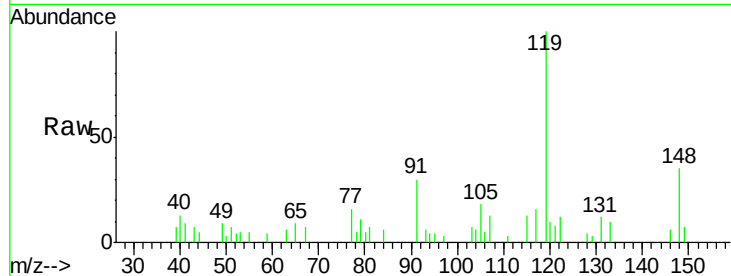




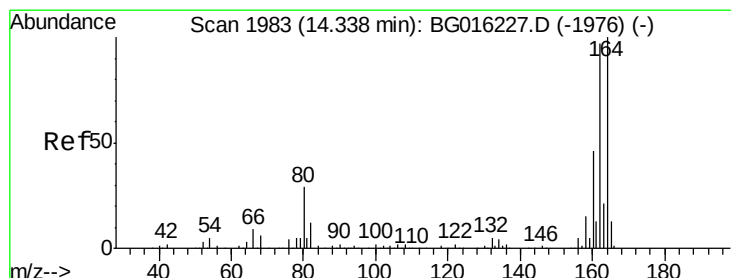
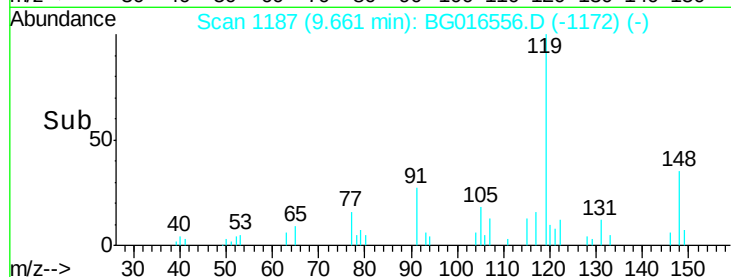
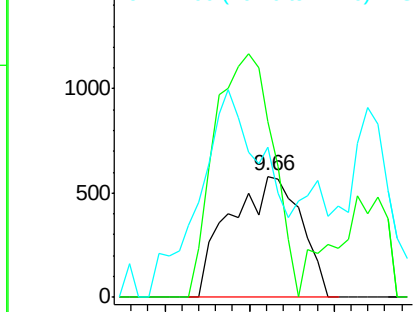
#32
Benzoic acid
Concen: 9.19 ng
RT: 9.66 min Scan# 1187
Delta R.T. -0.11 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Instrument :
BNA_G
ClientSampleId :
MW-44

Tgt Ion:122 Resp: 1694
Ion Ratio Lower Upper
122 100
105 145.3 99.7 139.7#
77 124.1 66.8 106.8#

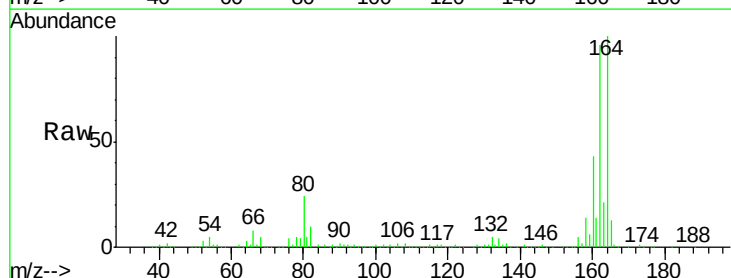


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

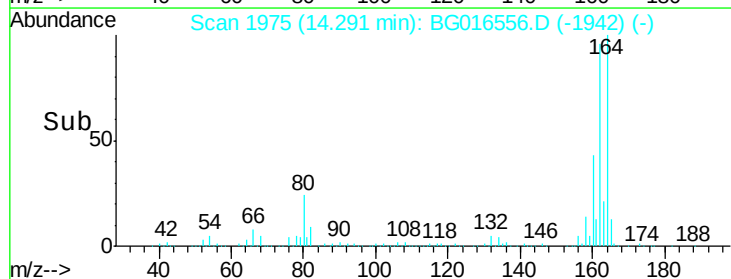
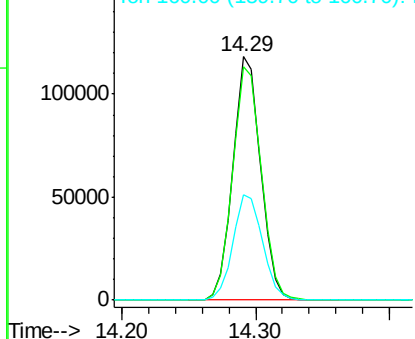


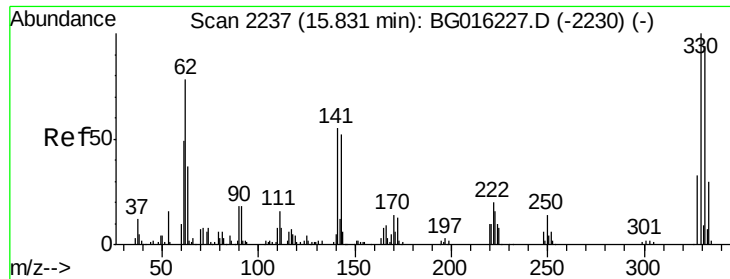
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Tgt Ion:164 Resp: 171428
Ion Ratio Lower Upper
164 100
162 96.0 77.3 115.9
160 43.4 36.7 55.1



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

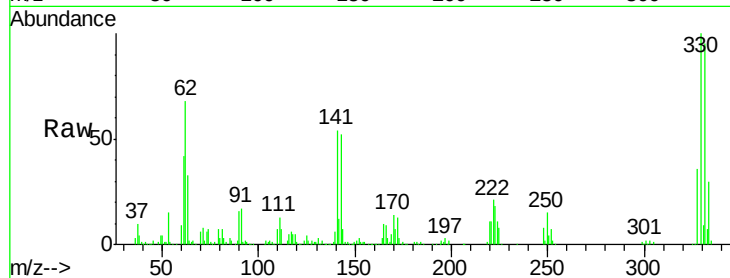




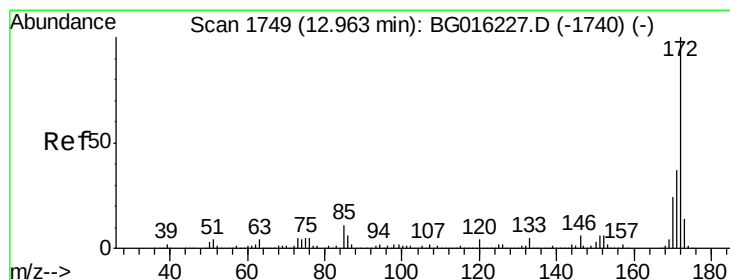
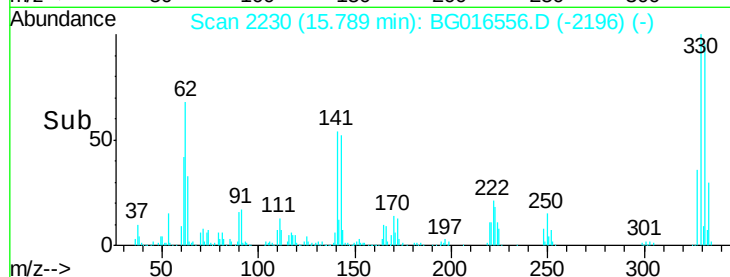
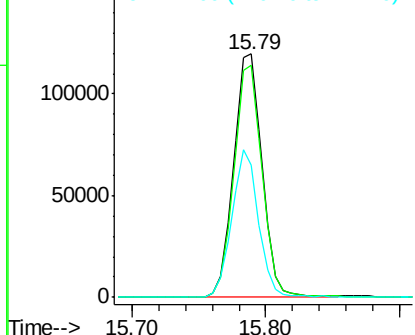
#41
 2,4,6-Tribromophenol
 Concen: 153.04 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG016556.D
 Acq: 20 Apr 2015 18:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-44

Tgt Ion:330 Resp: 177422
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.8 113.6
 141 57.2 46.6 69.8

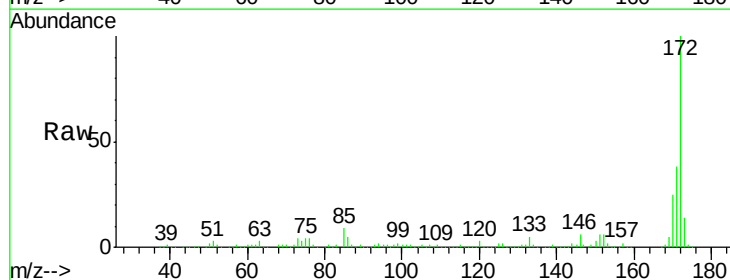


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

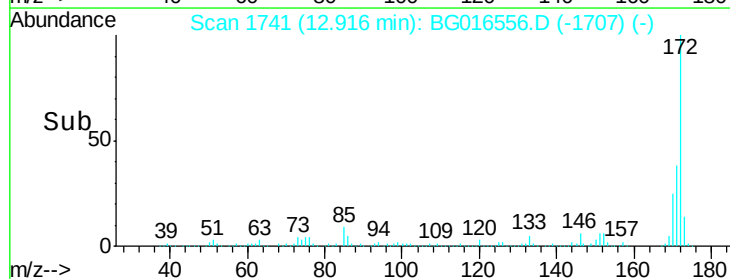
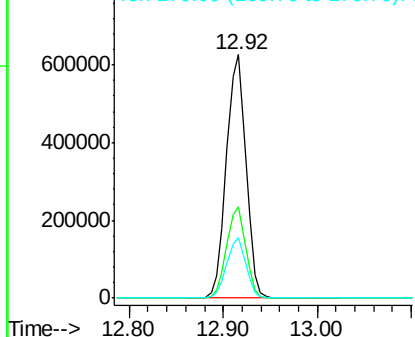


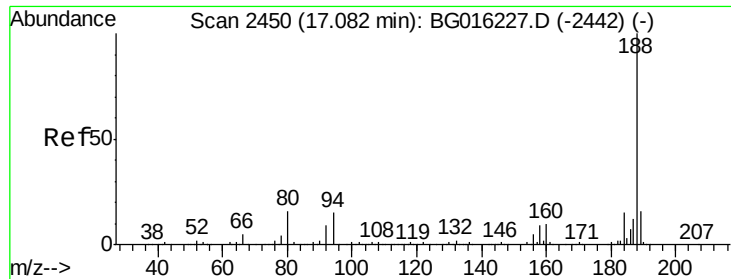
#44
 2-Fluorobiphenyl
 Concen: 90.40 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG016556.D
 Acq: 20 Apr 2015 18:06

Tgt Ion:172 Resp: 910227
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.7 19.4 29.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.03 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

Instrument :

BNA_G

ClientSampleId :

MW-44

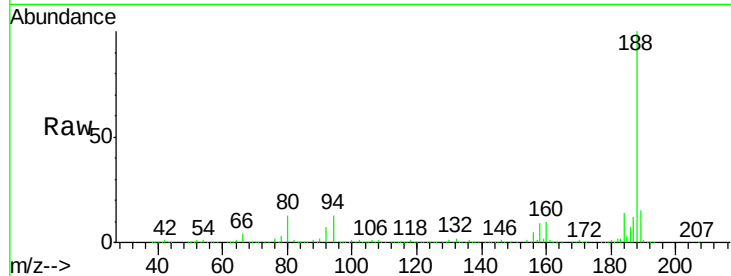
Tgt Ion:188 Resp: 353952

Ion Ratio Lower Upper

188 100

94 13.2 12.2 18.4

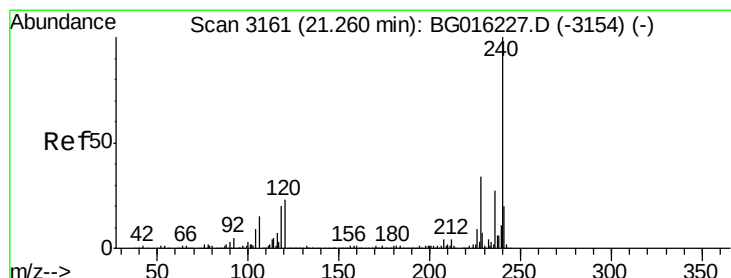
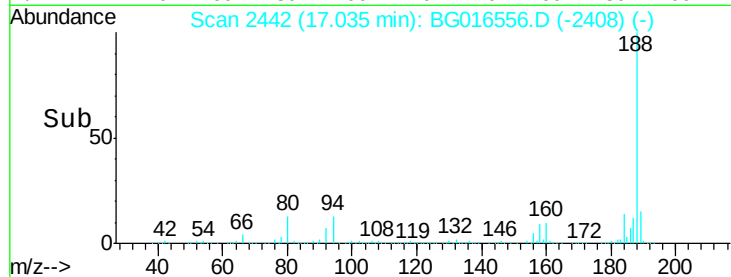
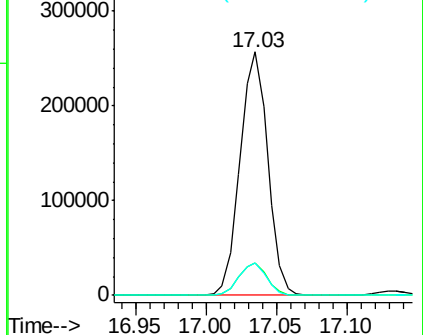
80 13.1 12.8 19.2



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: 21.21 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

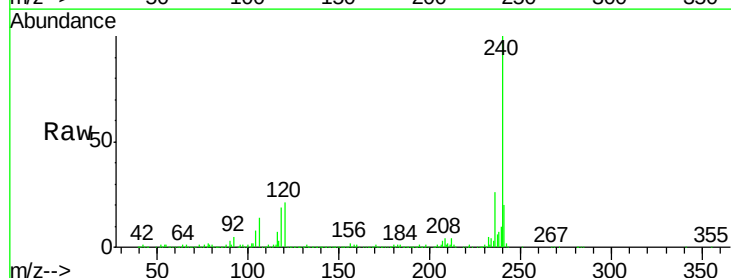
Tgt Ion:240 Resp: 308285

Ion Ratio Lower Upper

240 100

120 21.4 18.6 28.0

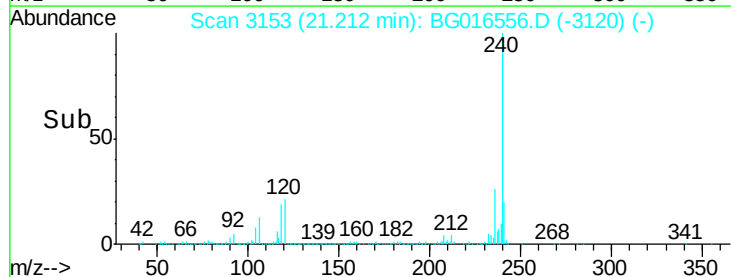
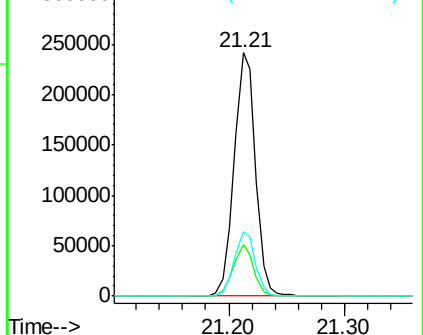
236 26.4 21.7 32.5

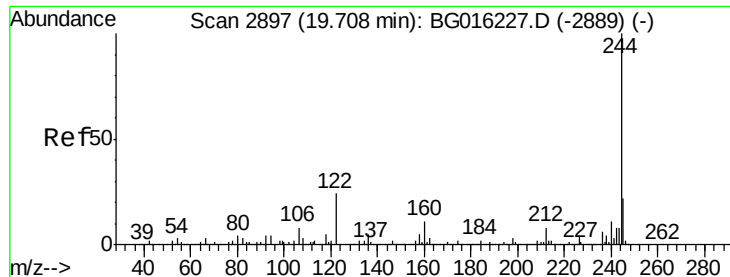


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.33 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

Instrument :

BNA_G

ClientSampled :

MW-44

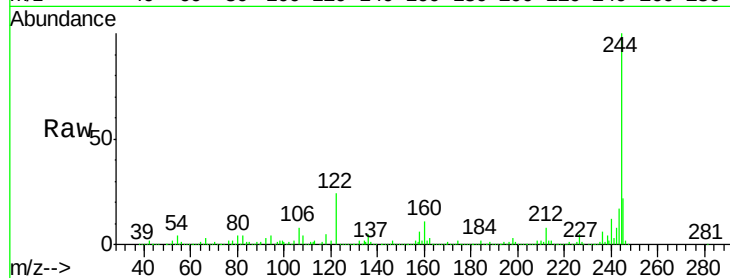
Tgt Ion:244 Resp: 1084480

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

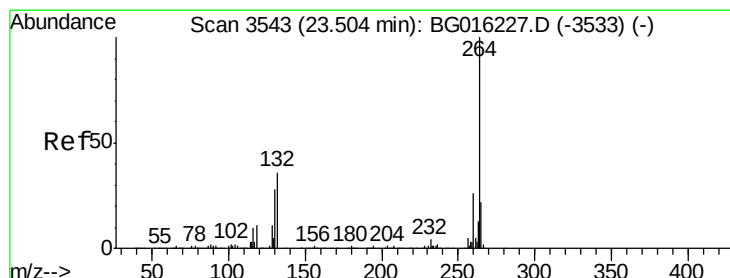
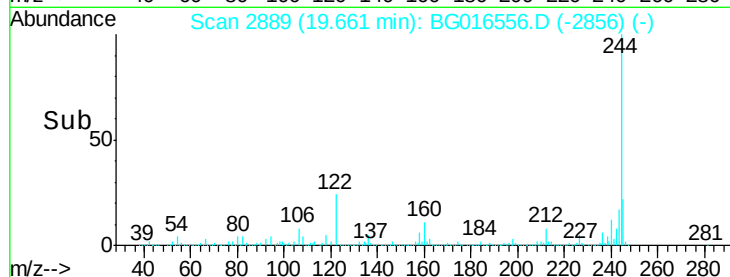
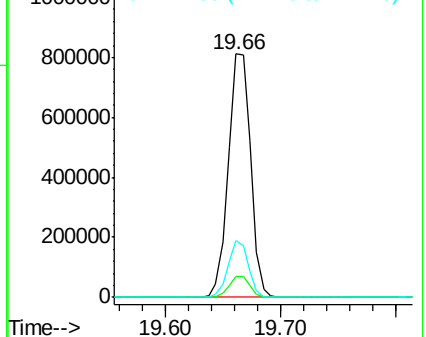
122 23.5 19.1 28.7



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: 23.43 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

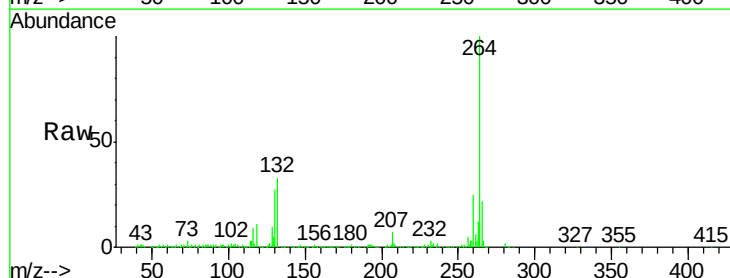
Tgt Ion:264 Resp: 285121

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 22.4 17.2 25.8



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

