

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102137.D
 Acq On : 17 Jan 2018 3:43
 Operator : SJ/JU
 Sample : J1115-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-32-2.0-2.5-DUP

Quant Time: Jan 17 06:43:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

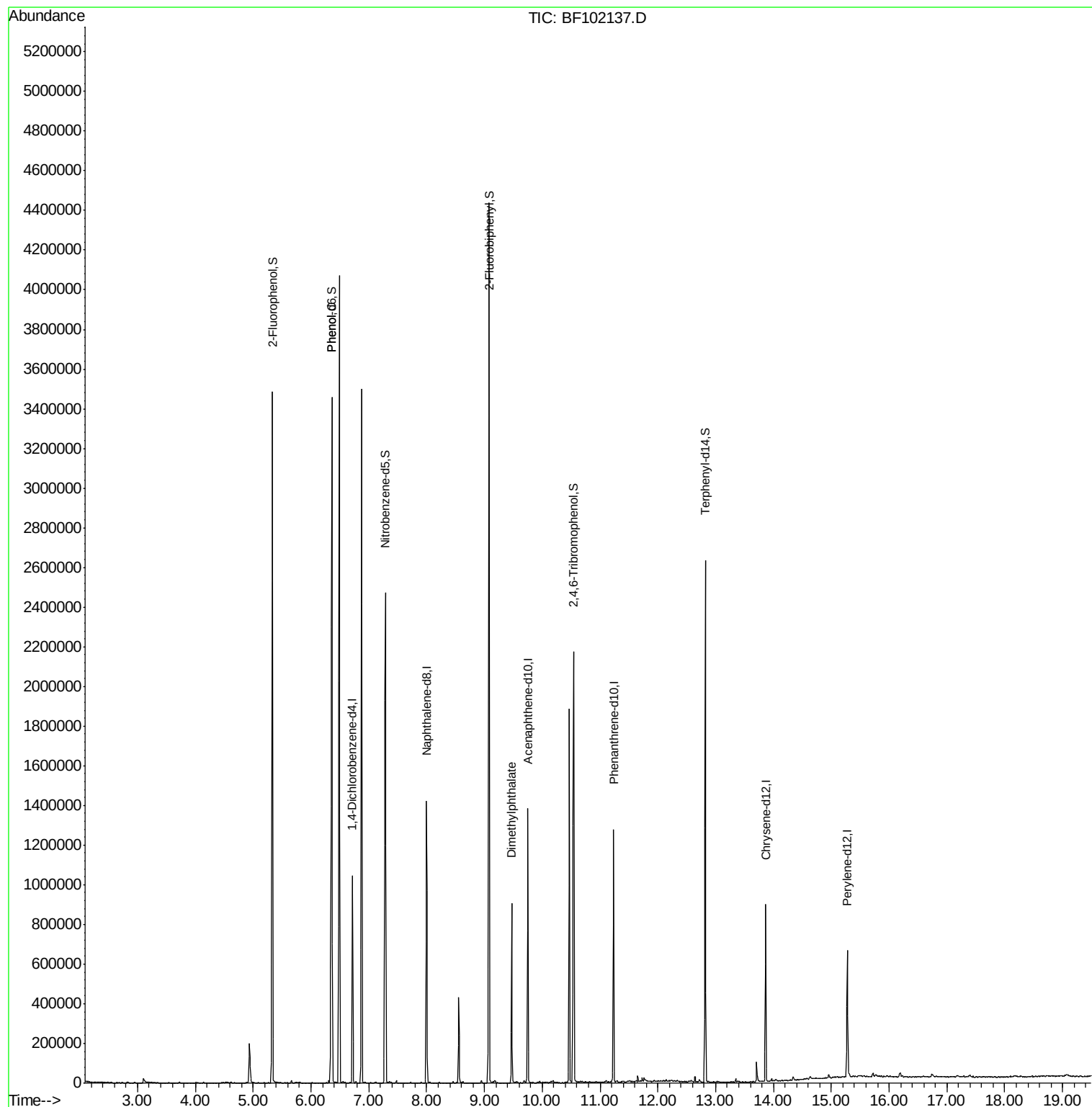
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151937	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	616763	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	262642	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	397361	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	274634	20.00	ng	-0.02
86) Perylene-d12	15.28	264	276619	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1176744	109.36	ng	0.00
7) Phenol-d6	6.36	99	1385222	107.90	ng	0.00
23) Nitrobenzene-d5	7.29	82	887268	84.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	281992	123.03	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1406091	83.64	ng	-0.01
78) Terphenyl-d14	12.82	244	907767	68.63	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	60449	4.167	ng	90
49) Dimethylphthalate	9.47	163	365703	17.357	ng	100

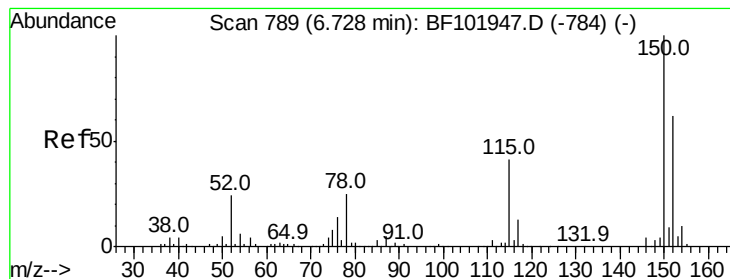
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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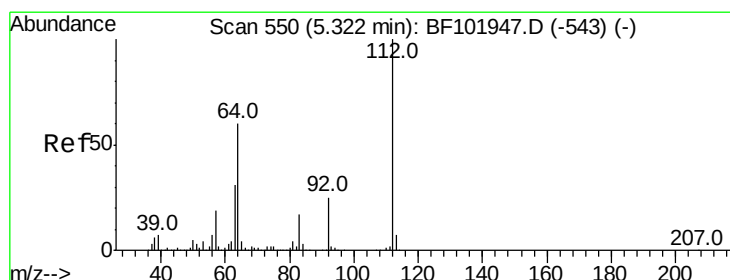
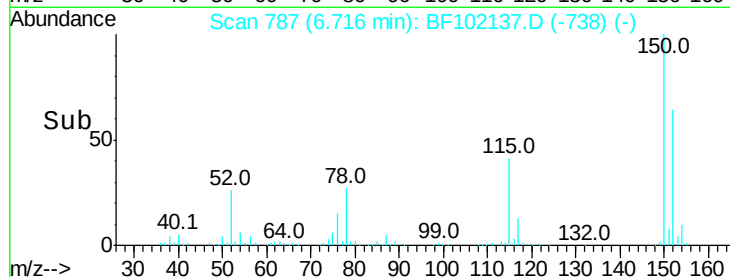
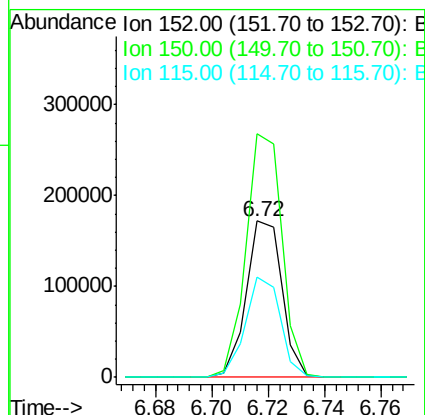
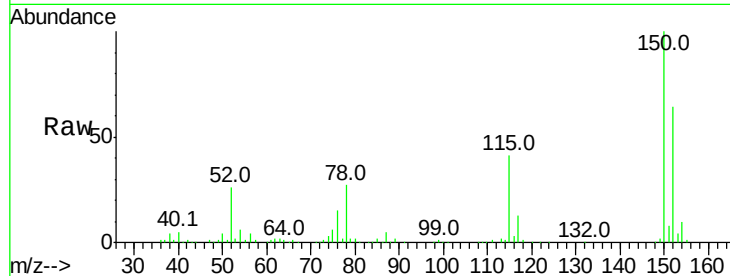


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102137.D
Acq: 17 Jan 2018 3:43

Instrument :
BNA_F
ClientSampleId :
SB-32-2.0-2.5-DUP

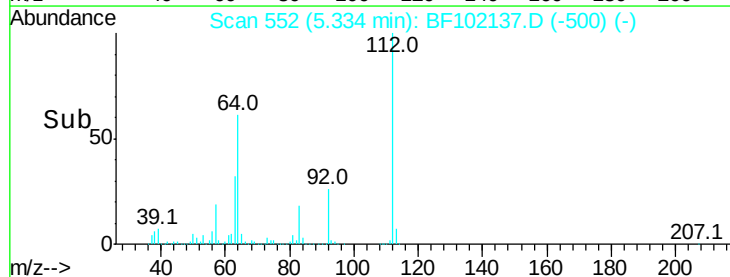
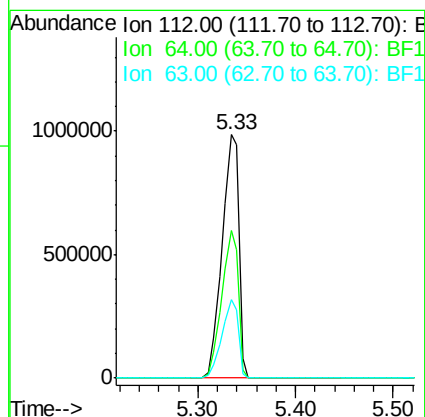
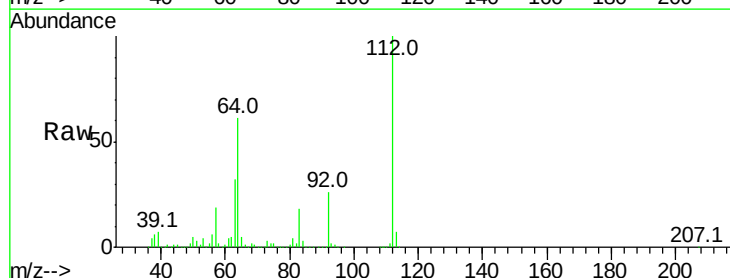
Tot Ion:152 Resp: 151937
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 63.9 50.1 75.1

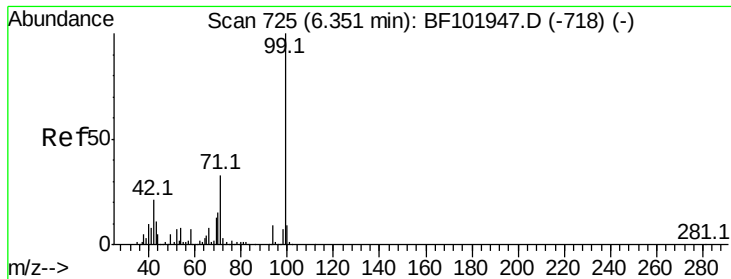


#5

2-Fluorophenol
Concen: 109.365 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102137.D
Acq: 17 Jan 2018 3:43

Tgt Ion:112 Resp: 1176744
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 32.1 23.7 35.5





#7

Phenol-d6

Concen: 107.904 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102137.D

Acq: 17 Jan 2018 3:43

Instrument :

BNA_F

ClientSampleId :

SB-32-2.0-2.5-DUP

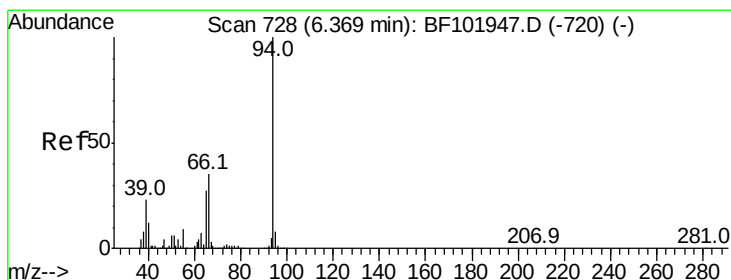
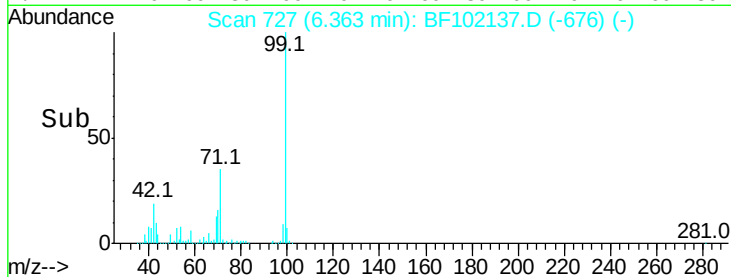
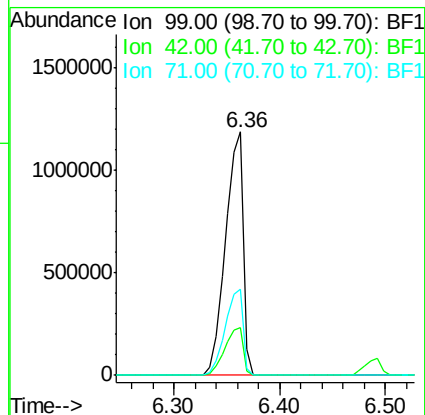
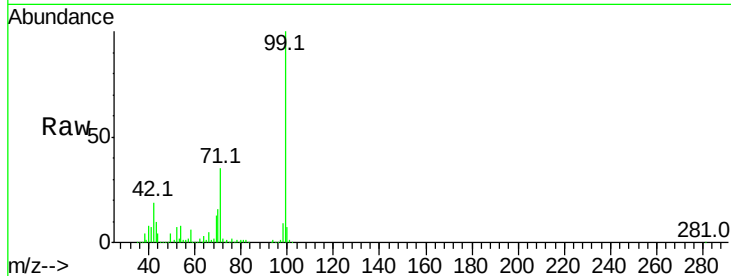
Tot Ion: 99 Resp: 1385222

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 35.2 25.4 38.0



#10

Phenol

Concen: 4.167 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102137.D

Acq: 17 Jan 2018 3:43

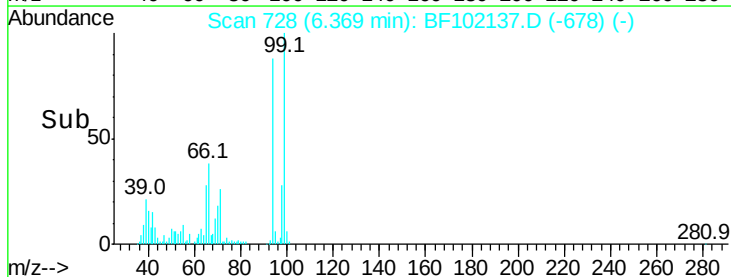
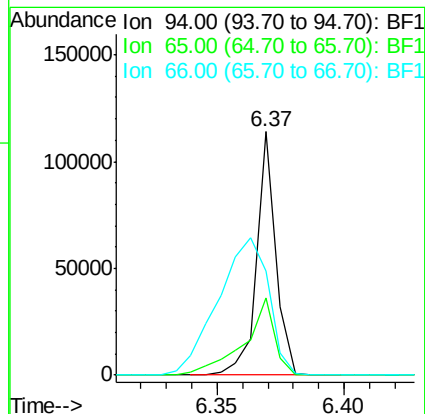
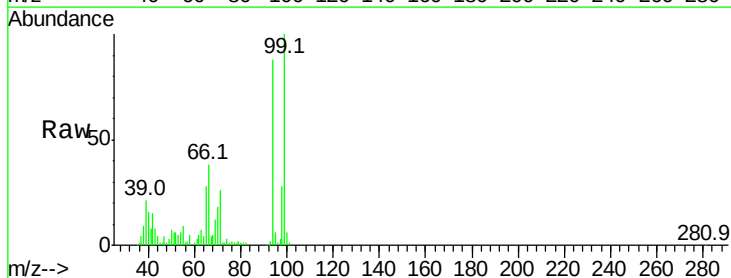
Tgt Ion: 94 Resp: 60449

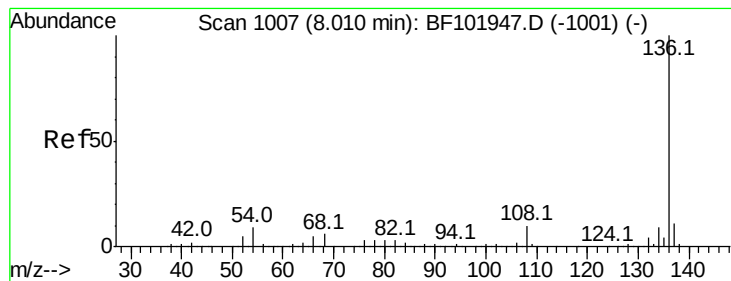
Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

66 42.9 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102137.D

Acq: 17 Jan 2018 3:43

Instrument :

BNA_F

ClientSampleId :

SB-32-2.0-2.5-DUP

Tot Ion:136 Resp: 616763

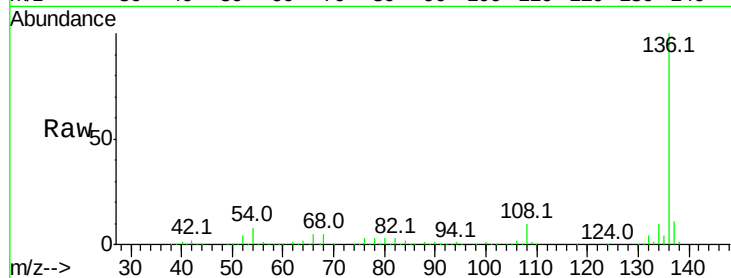
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.2 6.6 9.8

68 5.1 5.0 7.4

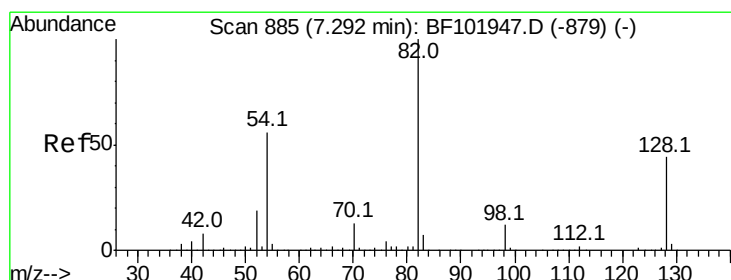
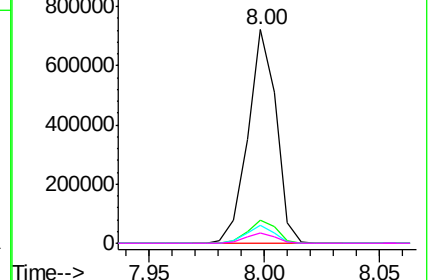
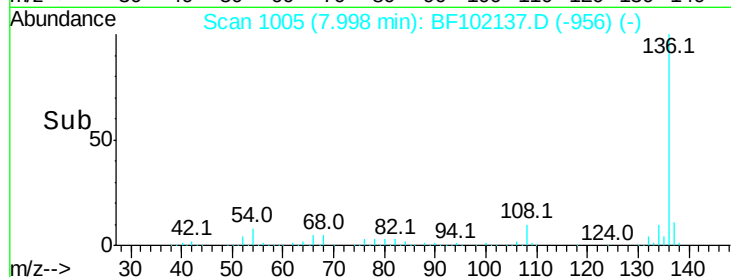


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 84.537 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102137.D

Acq: 17 Jan 2018 3:43

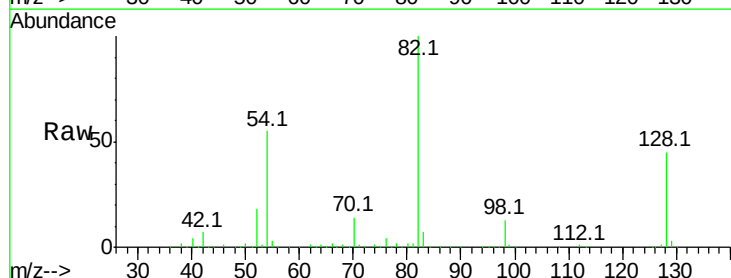
Tgt Ion: 82 Resp: 887268

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

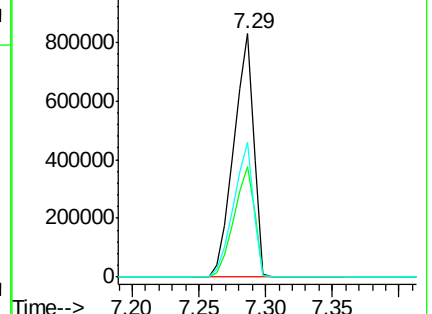
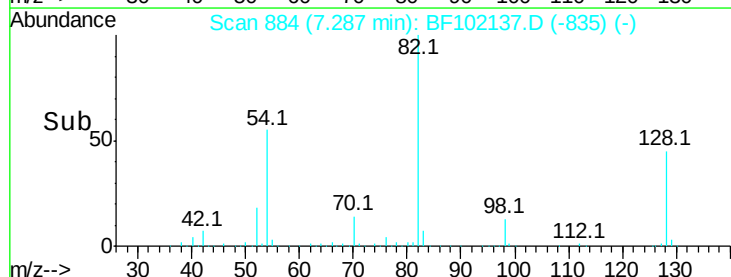
54 55.1 41.4 62.2

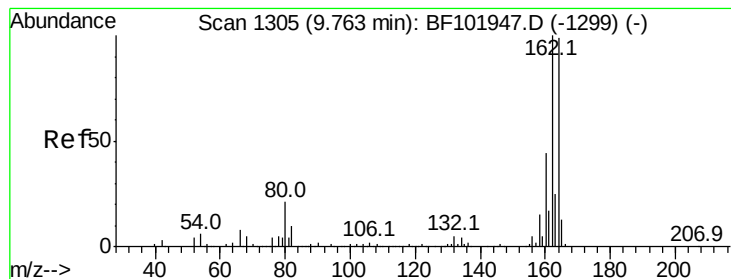


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102137.D

Acq: 17 Jan 2018 3:43

Instrument :

BNA_F

ClientSampleId :

SB-32-2.0-2.5-DUP

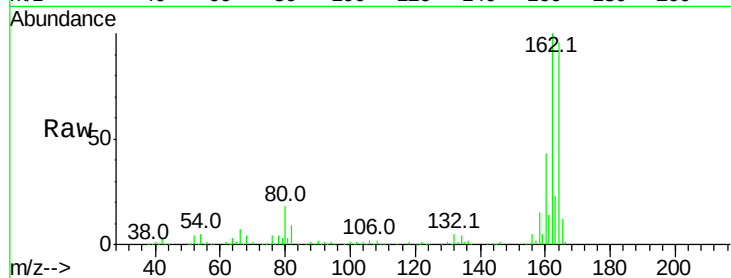
Tot Ion:164 Resp: 262642

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

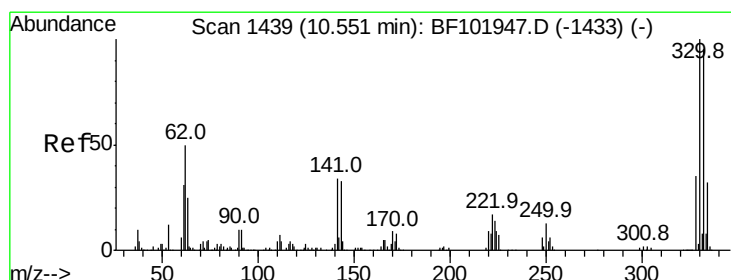
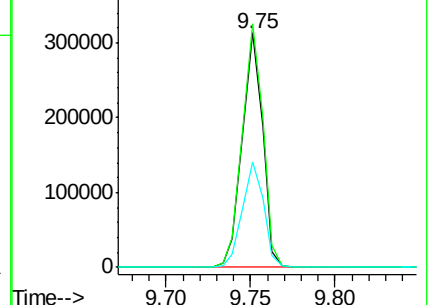
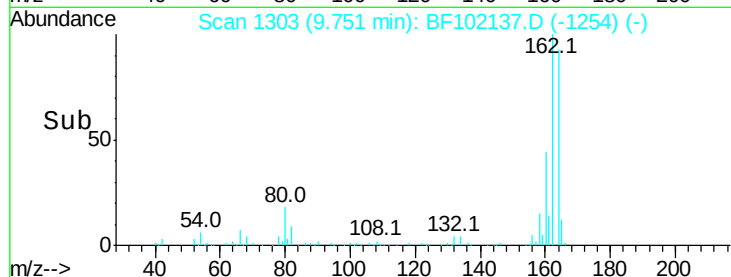
160 45.1 38.3 57.5



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: 123.031 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102137.D

Acq: 17 Jan 2018 3:43

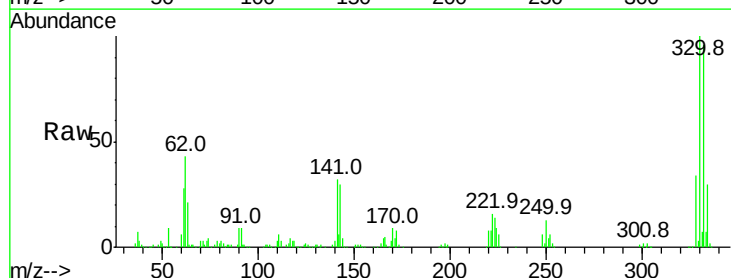
Tgt Ion:330 Resp: 281992

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

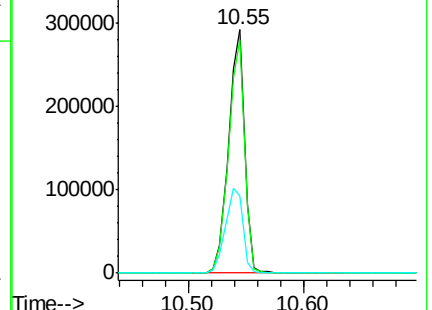
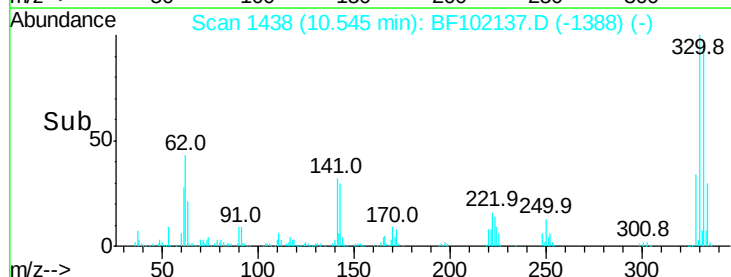
141 38.0 29.9 44.9

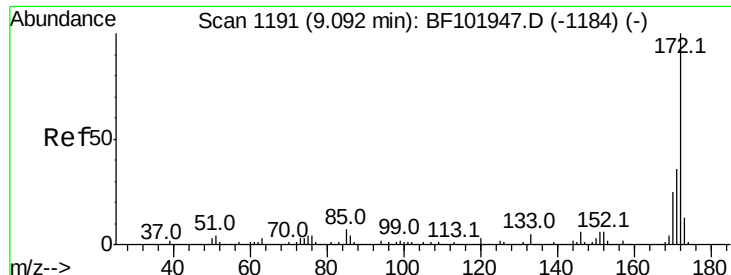


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

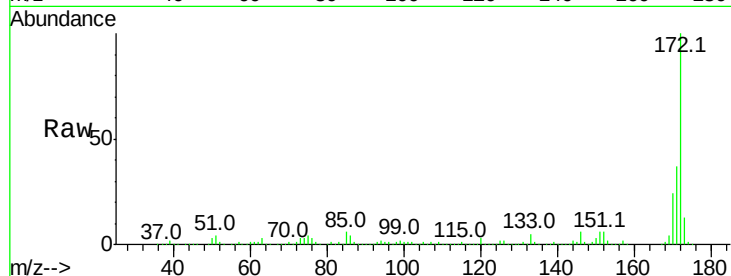




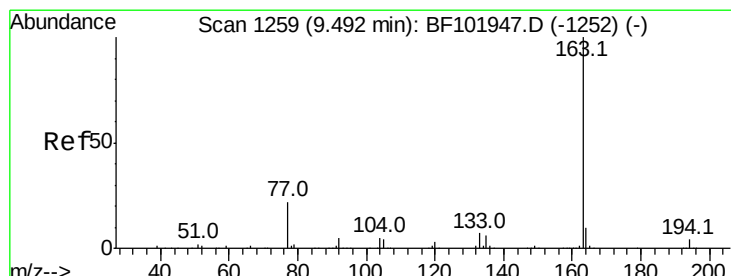
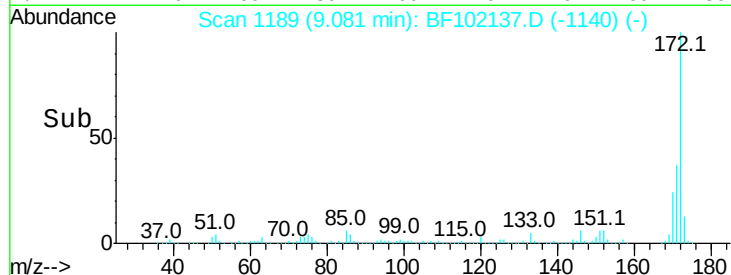
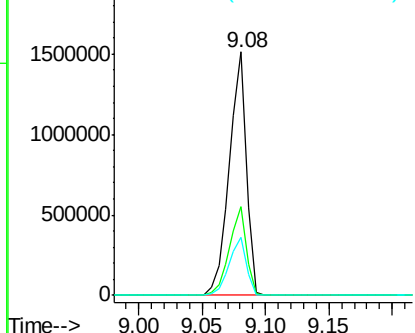
#44
2-Fluorobiphenyl
Concen: 83.638 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102137.D
Acq: 17 Jan 2018 3:43

Instrument :
BNA_F
ClientSampleId :
SB-32-2.0-2.5-DUP

Tot Ion:172 Resp: 1406091
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.9 19.6 29.4

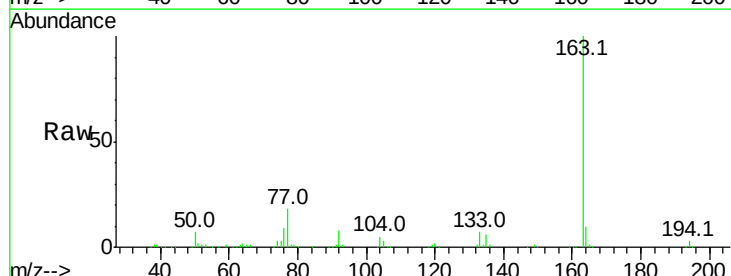


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

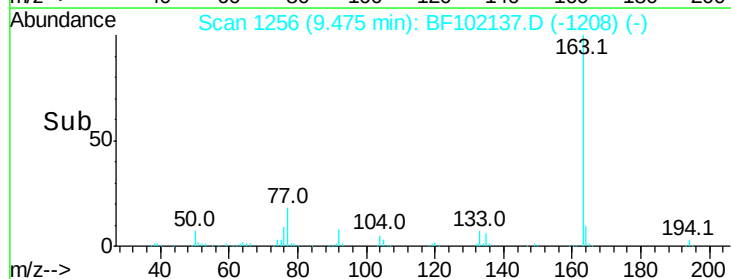
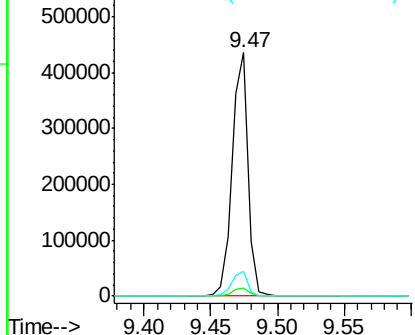


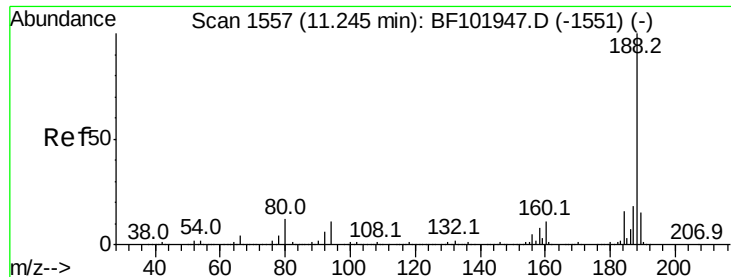
#49
Dimethylphthalate
Concen: 17.357 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102137.D
Acq: 17 Jan 2018 3:43

Tgt Ion:163 Resp: 365703
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.2 12.2



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: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102137.D

Acq: 17 Jan 2018 3:43

Instrument :

BNA_F

ClientSampleId :

SB-32-2.0-2.5-DUP

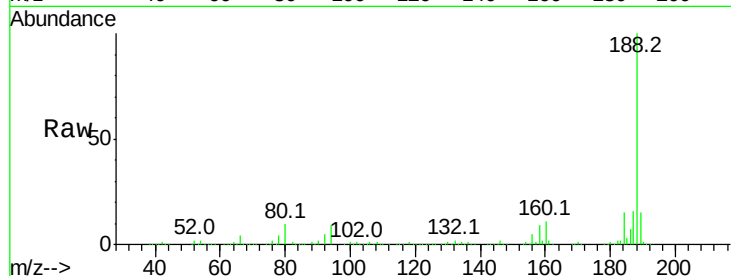
Tot Ion:188 Resp: 397361

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

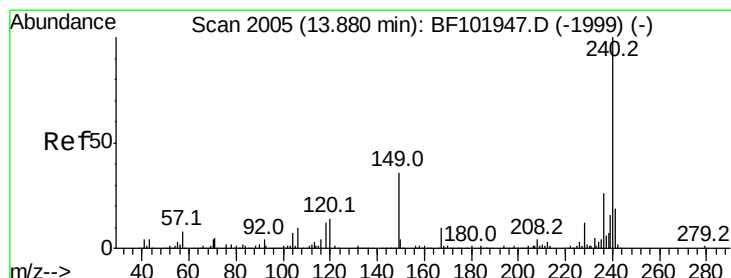
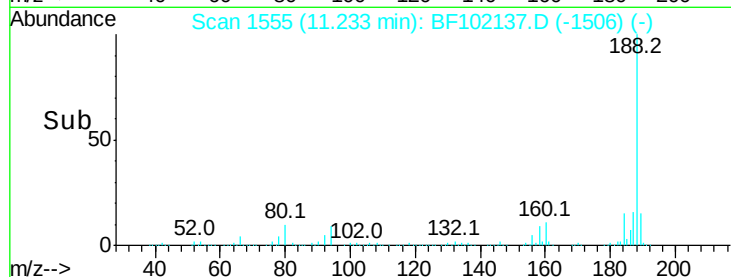
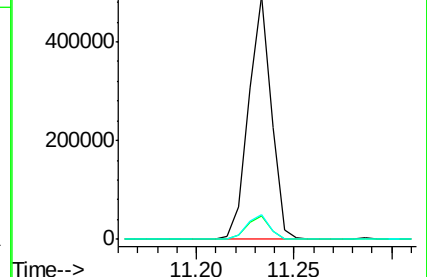
80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102137.D

Acq: 17 Jan 2018 3:43

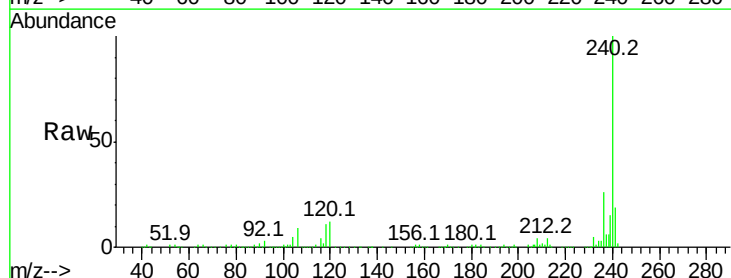
Tgt Ion:240 Resp: 274634

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

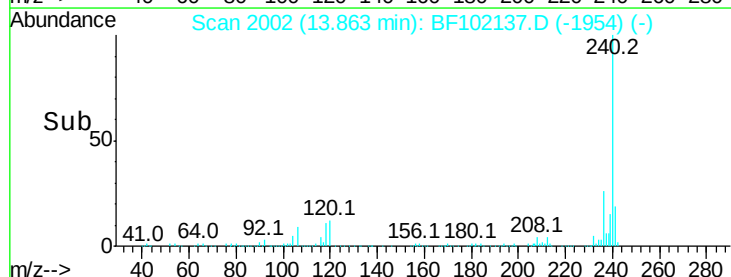
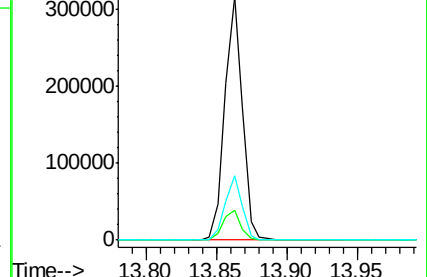
236 26.2 20.7 31.1

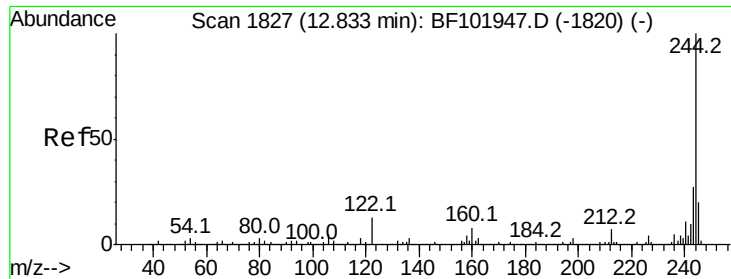


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

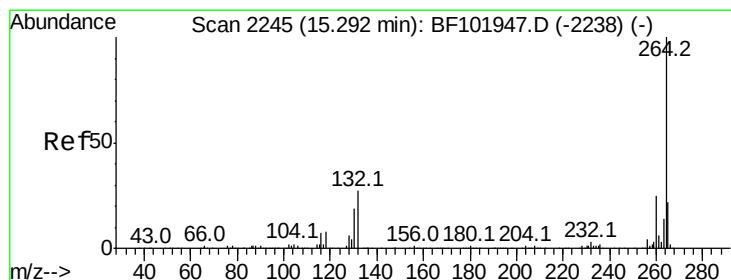
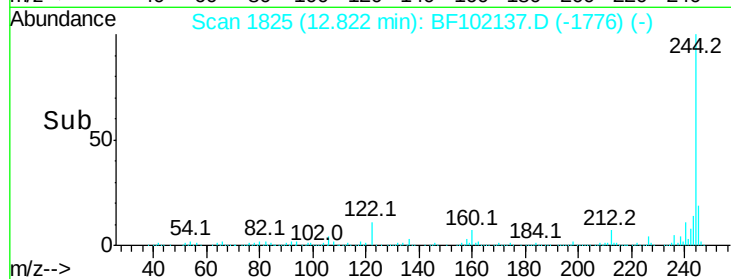
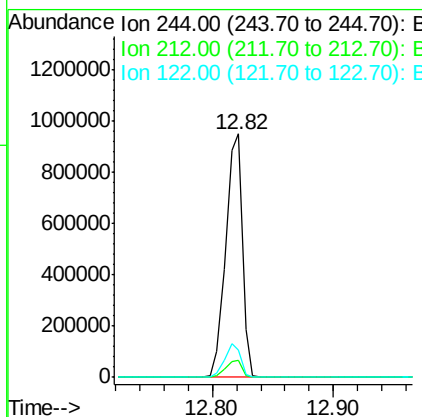
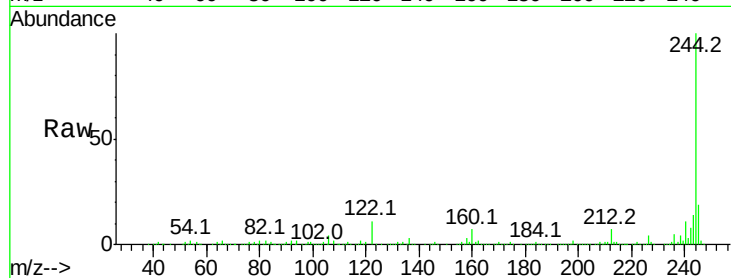




#78
 Terphenyl-d14
 Concen: 68.628 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102137.D
 Acq: 17 Jan 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-32-2.0-2.5-DUP

Tot Ion:244 Resp: 907767
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102137.D
 Acq: 17 Jan 2018 3:43

Tgt Ion:264 Resp: 276619
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.2 17.5 26.3

