

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102300.D
 Acq On : 22 Jan 2018 15:36
 Operator : SJ/JU
 Sample : J1228-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Jan 23 00:59:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

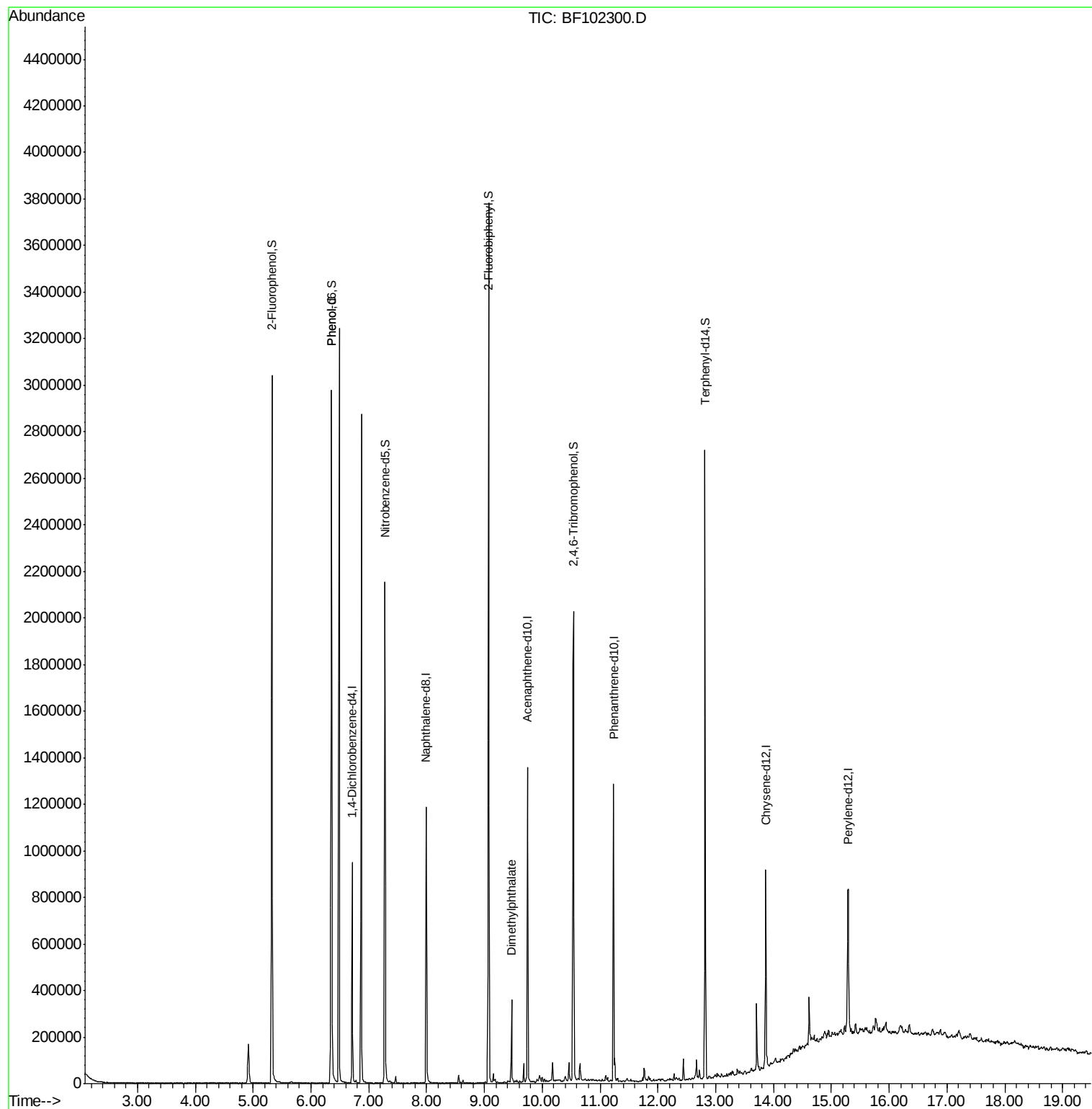
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	142517	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	596961	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	267173	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	449134	20.00	ng	0.00
75) Chrysene-d12	13.87	240	293786	20.00	ng	0.00
86) Perylene-d12	15.29	264	282292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	966591	102.84	ng	0.00
7) Phenol-d6	6.36	99	1156766	102.08	ng	0.00
23) Nitrobenzene-d5	7.28	82	730833	70.35	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	253924	95.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1254592	69.04	ng	0.00
78) Terphenyl-d14	12.82	244	982410	75.38	ng	0.00
Target Compounds						
10) Phenol	6.36	94	57015	4.609	ng	77
49) Dimethylphthalate	9.47	163	143733	6.509	ng	98

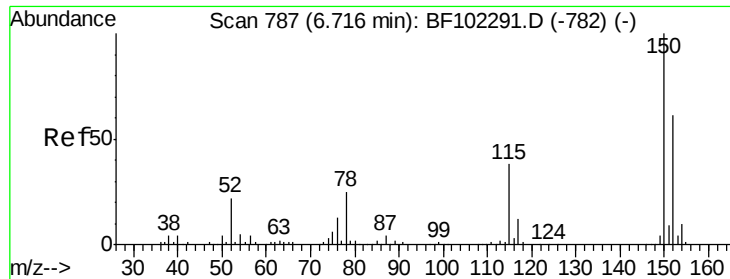
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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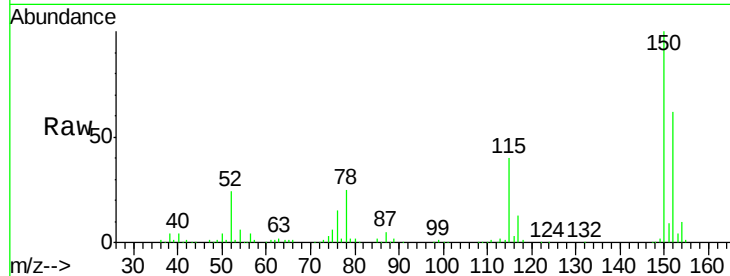


#1

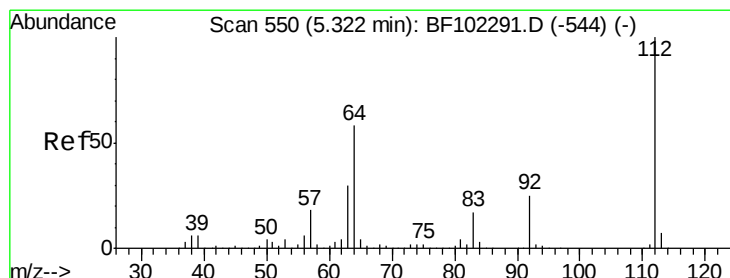
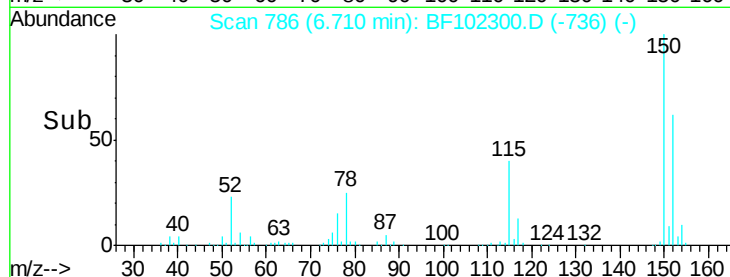
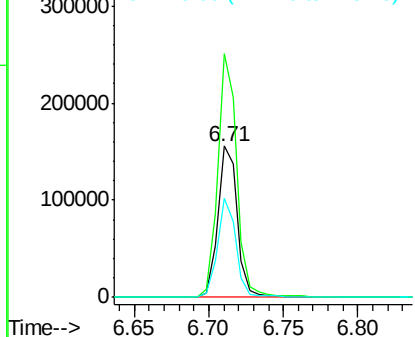
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102300.D
Acq: 22 Jan 2018 15:36

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion:152 Resp: 142517
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 65.1 50.1 75.1



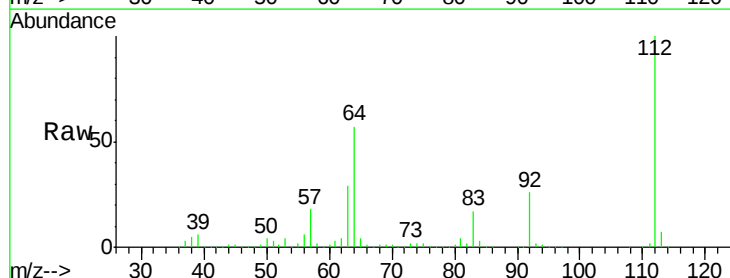
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



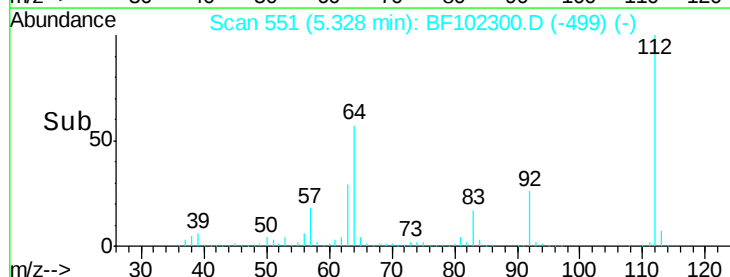
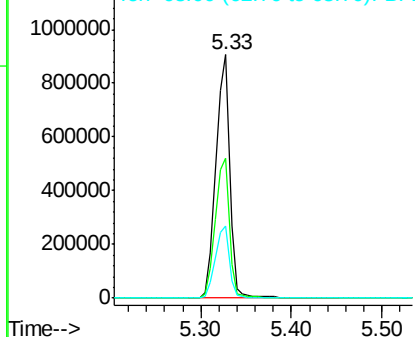
#5

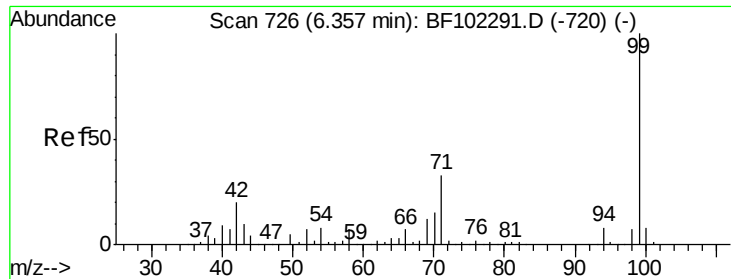
2-Fluorophenol
Concen: 102.837 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102300.D
Acq: 22 Jan 2018 15:36

Tgt Ion:112 Resp: 966591
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.083 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102300.D

Acq: 22 Jan 2018 15:36

Instrument :

BNA_F

ClientSampled :

COMP-2

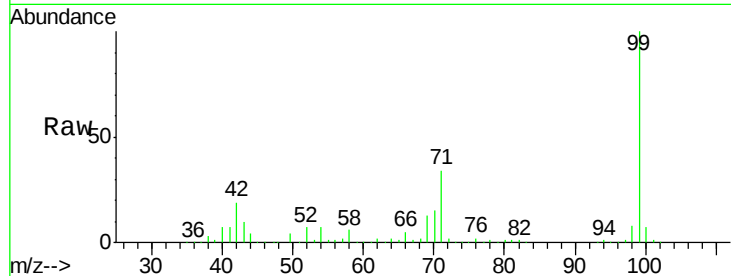
Tot Ion: 99 Resp: 1156766

Ion Ratio Lower Upper

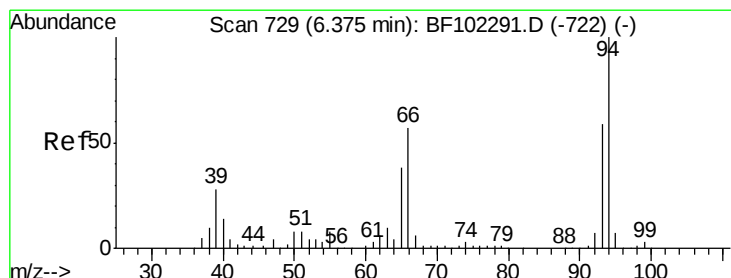
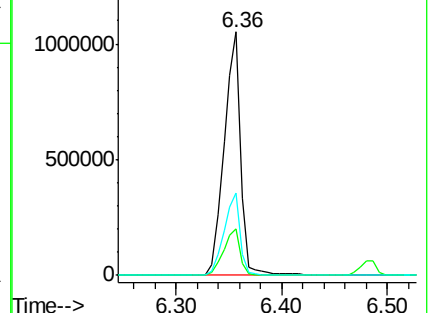
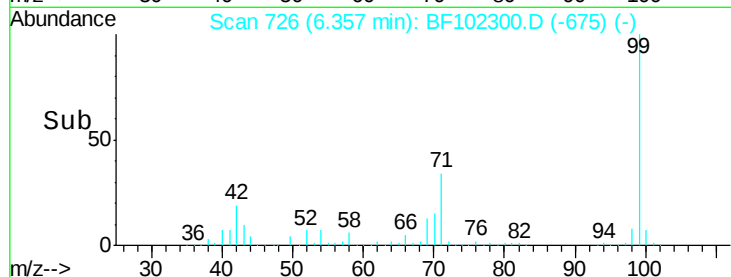
99 100

42 18.9 14.5 21.7

71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.609 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102300.D

Acq: 22 Jan 2018 15:36

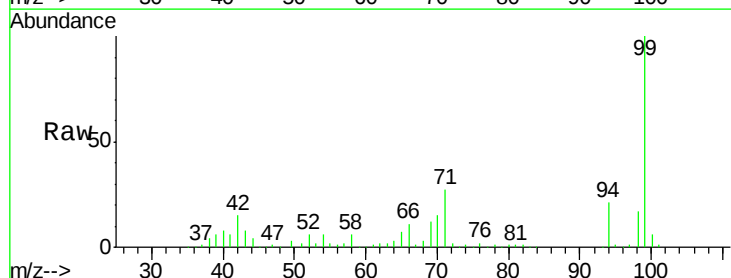
Tgt Ion: 94 Resp: 57015

Ion Ratio Lower Upper

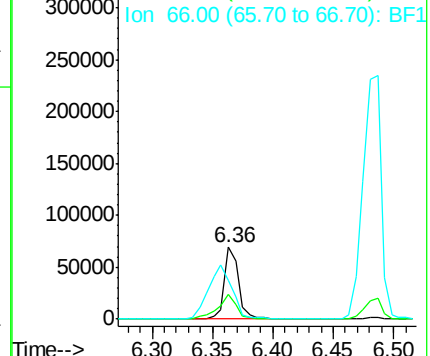
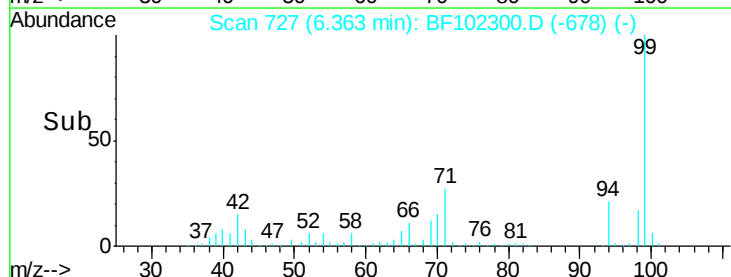
94 100

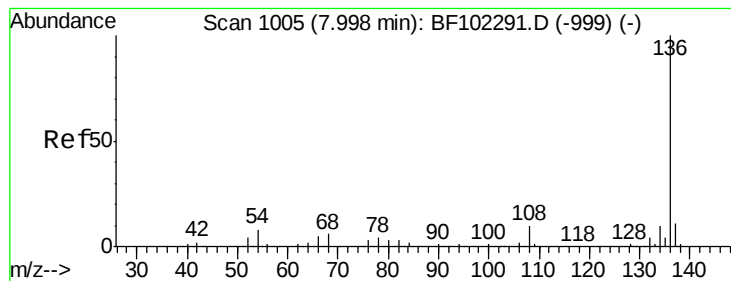
65 34.0 7.9 47.9

66 54.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102300.D

Acq: 22 Jan 2018 15:36

Instrument :

BNA_F

ClientSampleId :

COMP-2

Tot Ion:136 Resp: 596961

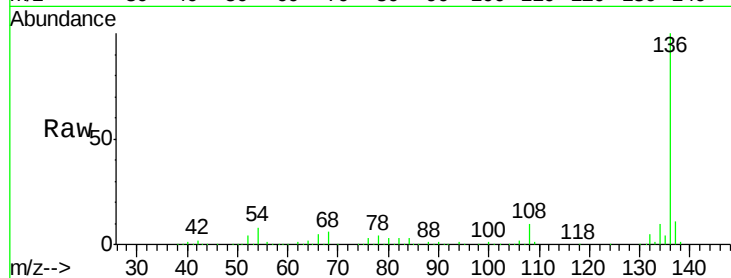
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.4 6.6 9.8

68 5.8 5.0 7.4

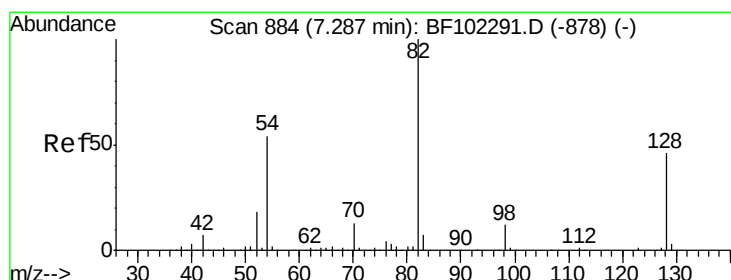
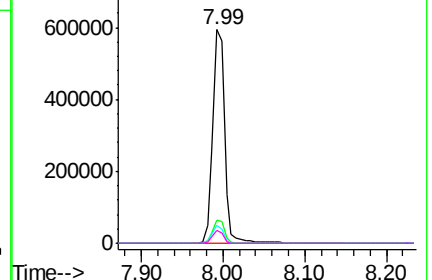
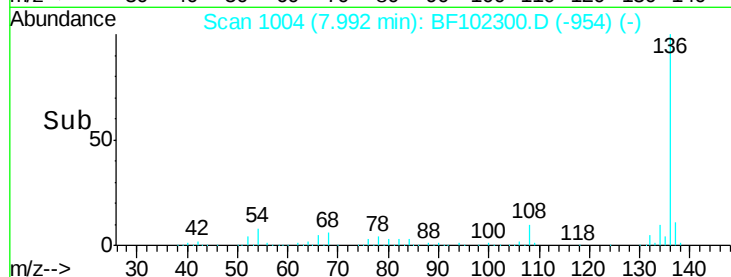


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.354 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102300.D

Acq: 22 Jan 2018 15:36

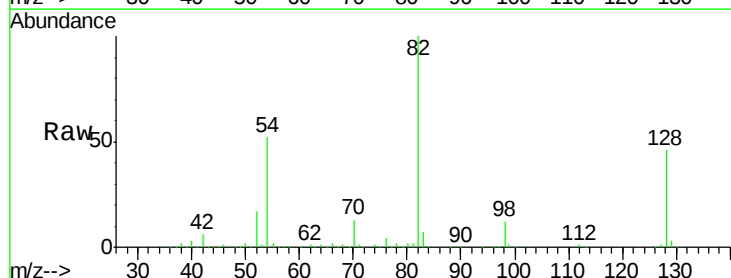
Tgt Ion: 82 Resp: 730833

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

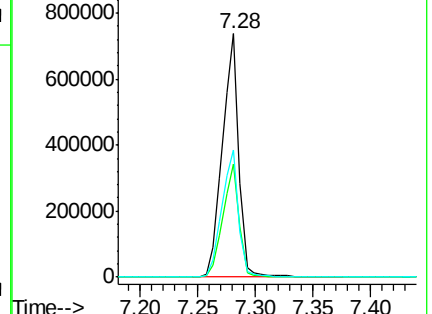
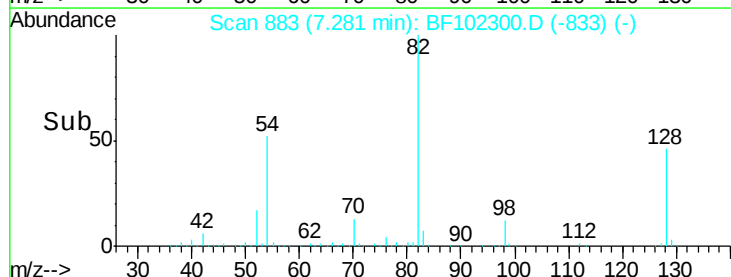
54 52.3 41.4 62.2

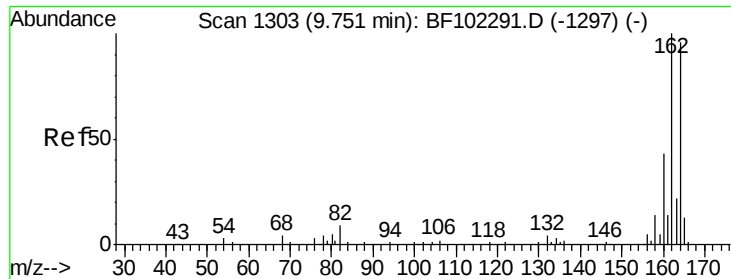


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1302

Delta R.T. -0.01 min

Lab File: BF102300.D

Acq: 22 Jan 2018 15:36

Instrument :

BNA_F

ClientSampleId :

COMP-2

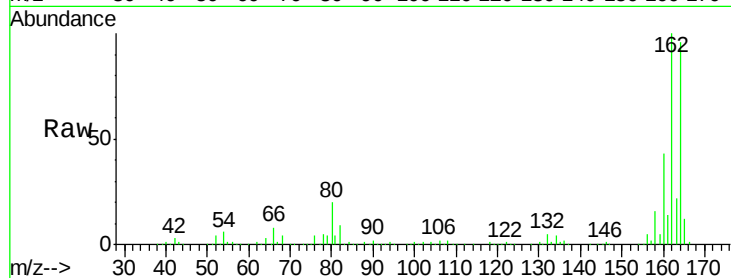
Tot Ion:164 Resp: 267173

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

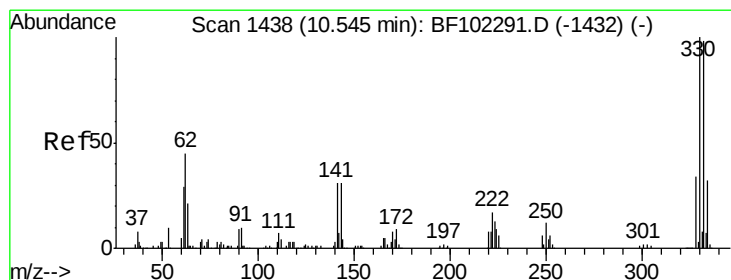
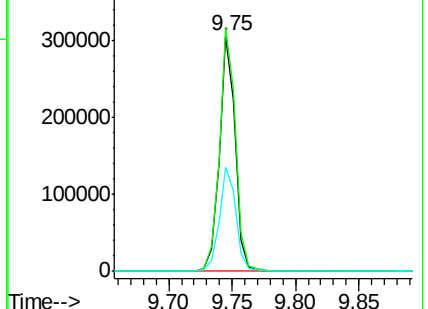
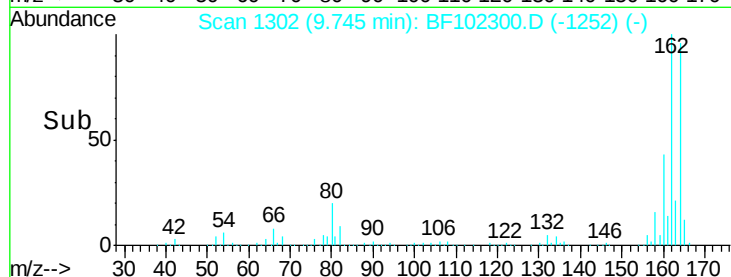
160 44.2 38.3 57.5



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: 95.918 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102300.D

Acq: 22 Jan 2018 15:36

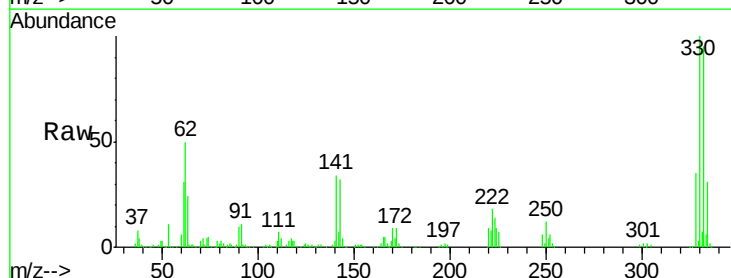
Tgt Ion:330 Resp: 253924

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

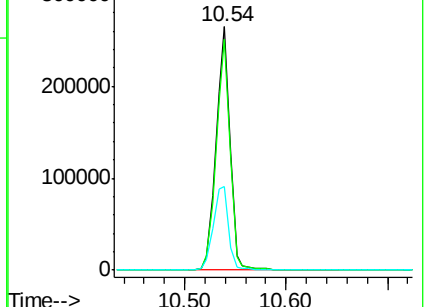
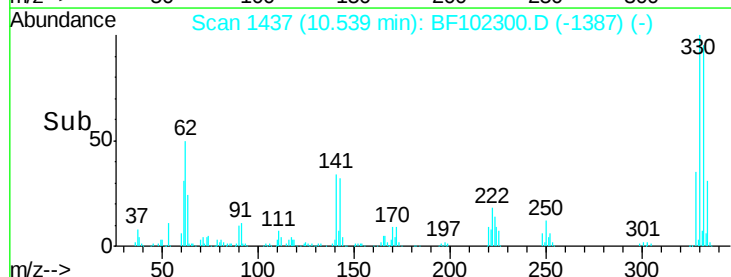
141 38.0 29.9 44.9

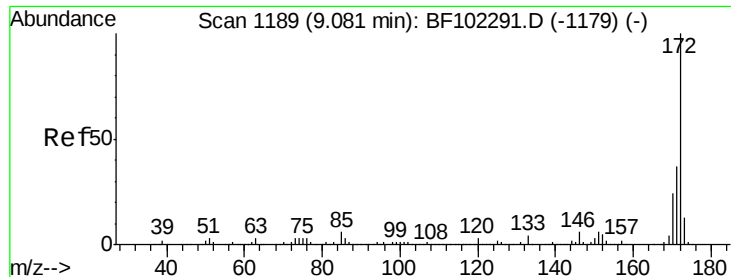


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

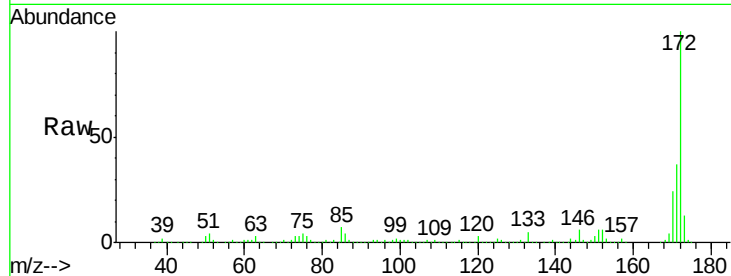




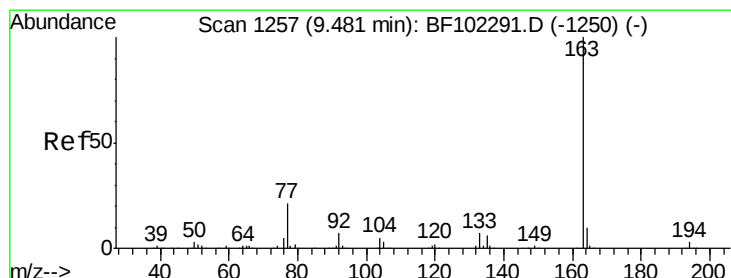
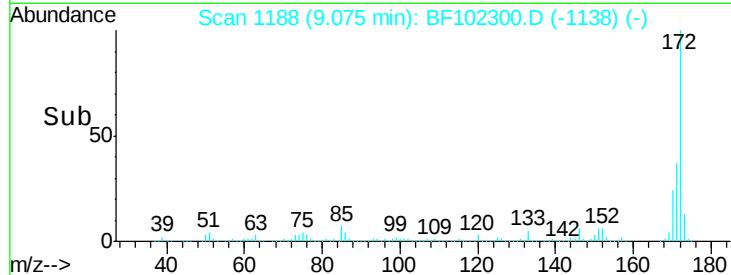
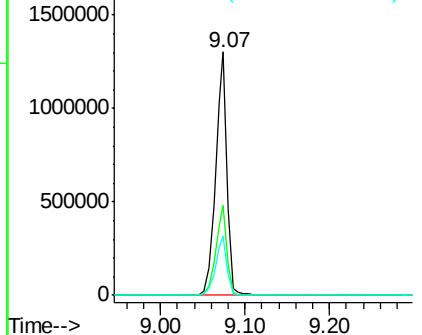
#44
2-Fluorobiphenyl
Concen: 69.045 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102300.D
Acq: 22 Jan 2018 15:36

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion:172 Resp: 1254592
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.4 19.6 29.4

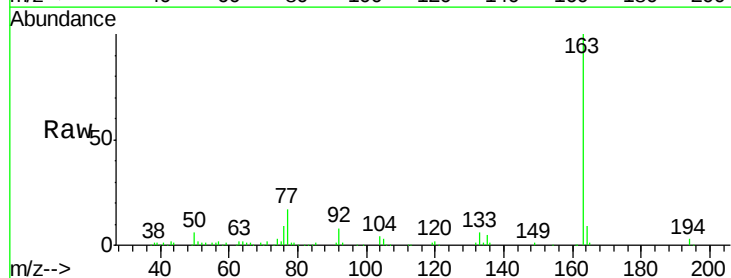


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

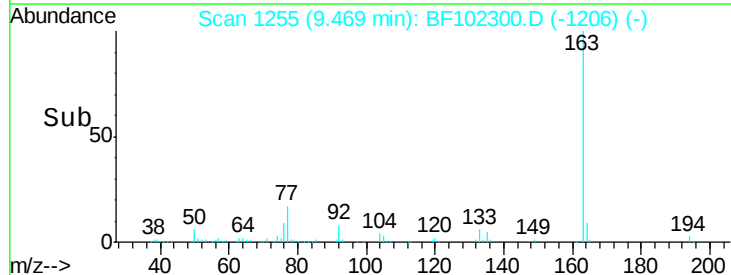
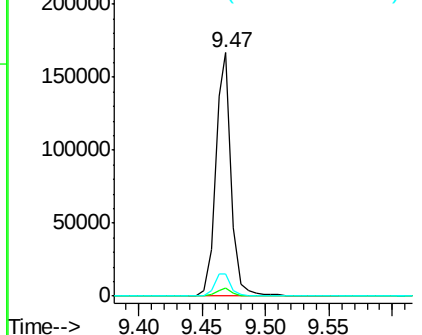


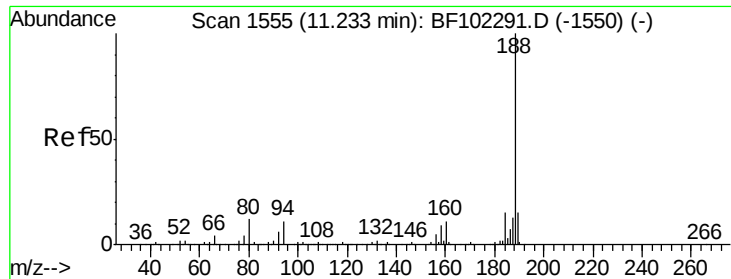
#49
Dimethylphthalate
Concen: 6.509 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102300.D
Acq: 22 Jan 2018 15:36

Tgt Ion:163 Resp: 143733
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.3 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

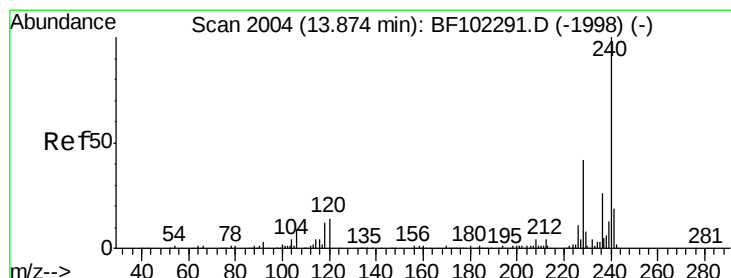
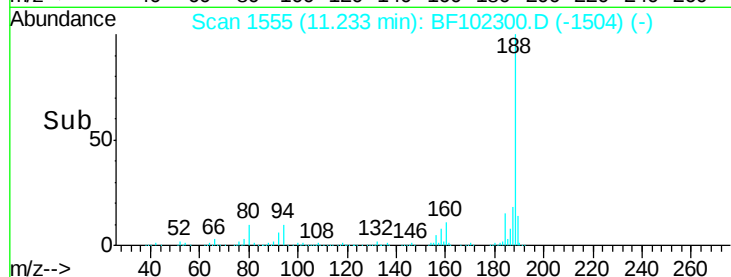
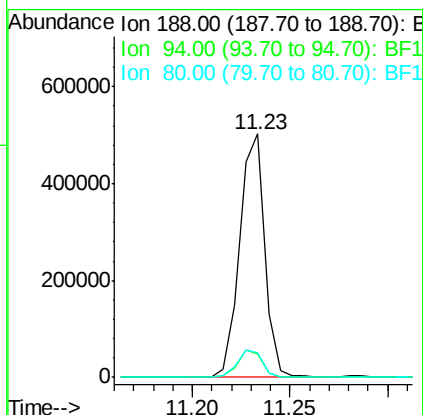
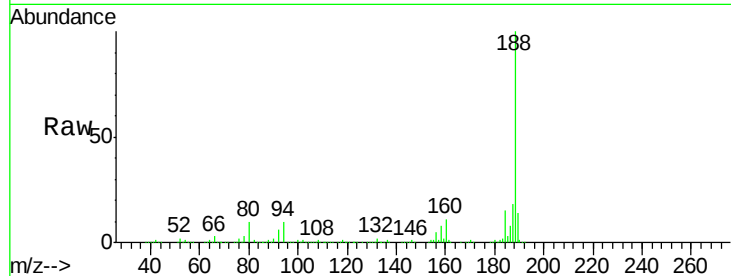




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102300.D
Acq: 22 Jan 2018 15:36

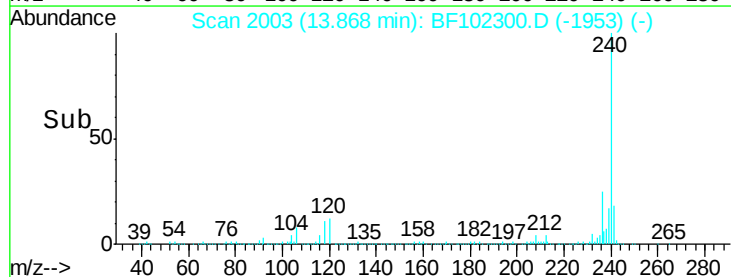
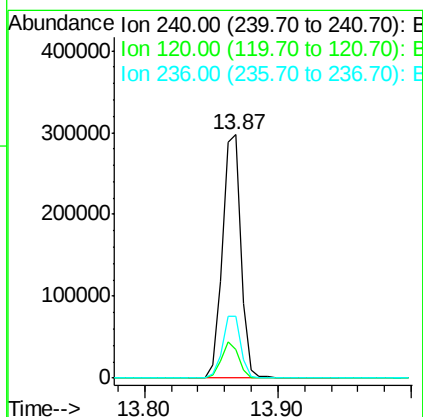
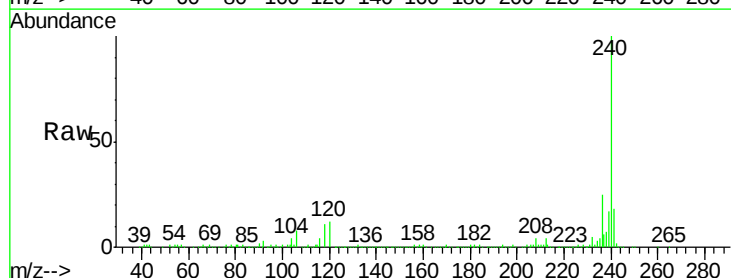
Instrument :
BNA_F
ClientSampleId :
COMP-2

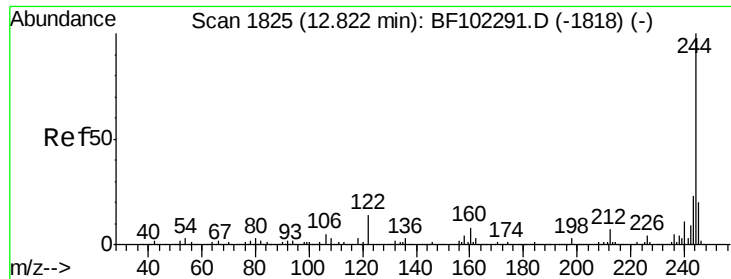
Tot Ion:188 Resp: 449134
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102300.D
Acq: 22 Jan 2018 15:36

Tgt Ion:240 Resp: 293786
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.4 20.7 31.1

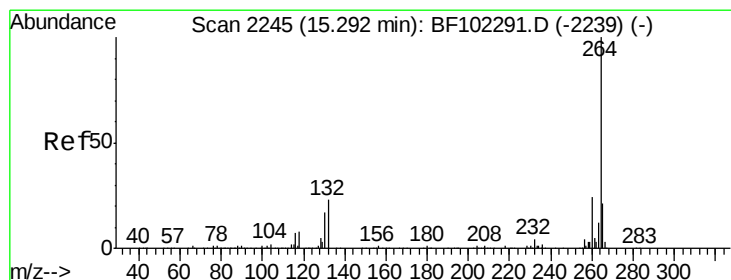
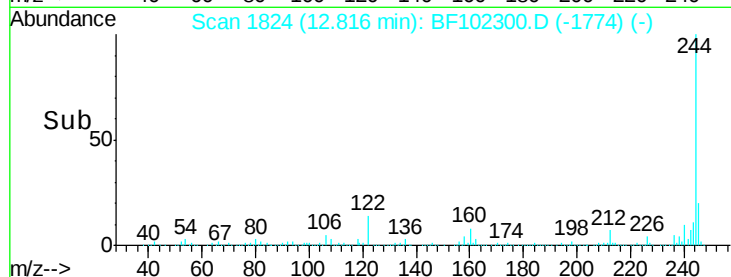
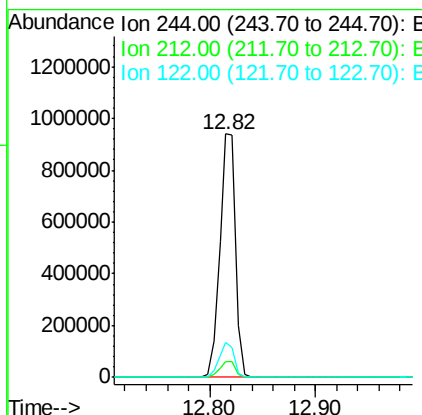
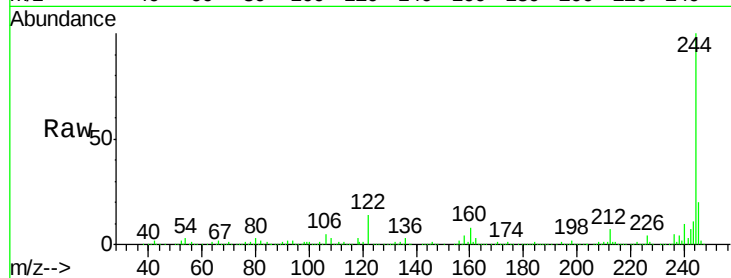




#78
 Terphenyl-d14
 Concen: 75.385 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102300.D
 Acq: 22 Jan 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Tot Ion:244 Resp: 982410
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102300.D
 Acq: 22 Jan 2018 15:36

Tgt Ion:264 Resp: 282292
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 21.1 17.5 26.3

