

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096673.D
 Acq On : 12 Jul 2017 5:37
 Operator : SJ/JU
 Sample : I4130-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-BASE

Quant Time: Jul 12 07:04:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

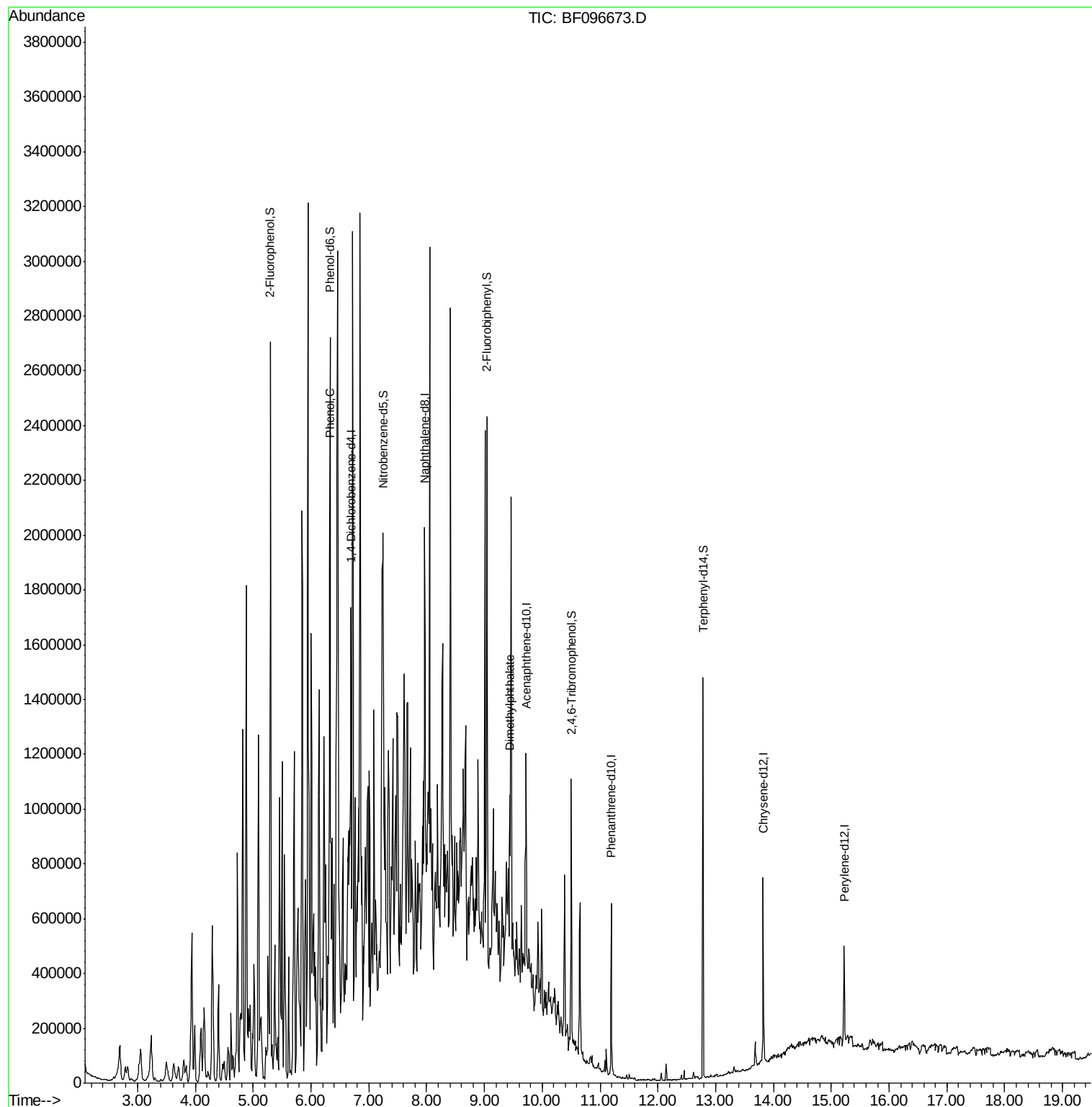
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107600	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	358777	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	149768	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	216361	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	221885	20.00	ng	-0.02
86) Perylene-d12	15.22	264	159225	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	730507	100.21	ng	-0.01
7) Phenol-d6	6.33	99	853503	95.23	ng	-0.02
23) Nitrobenzene-d5	7.25	82	436801	73.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	104640	89.45	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	650014	74.21	ng	-0.02
78) Terphenyl-d14	12.78	244	426487	41.07	ng	-0.02
Target Compounds						
10) Phenol	6.34	94	24538	2.403	ng	Qvalue 94
49) Dimethylphthalate	9.44	163	189068	16.911	ng	# 98

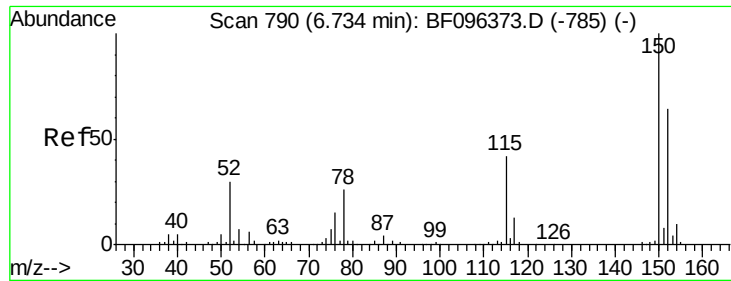
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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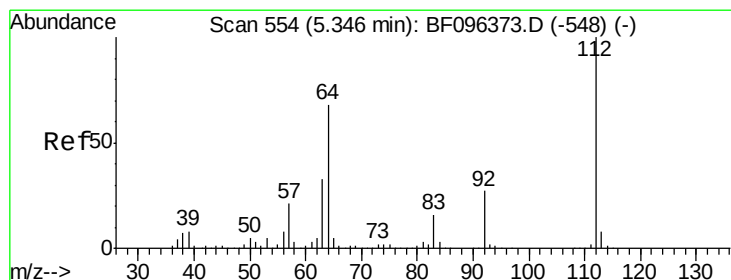
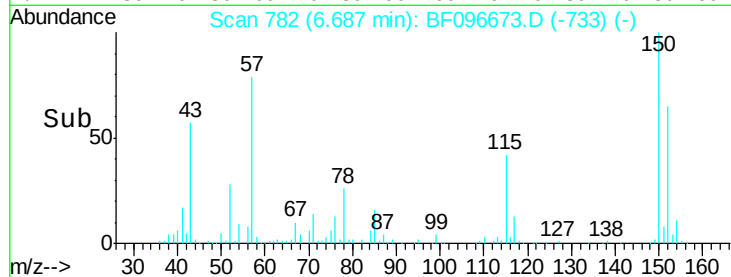
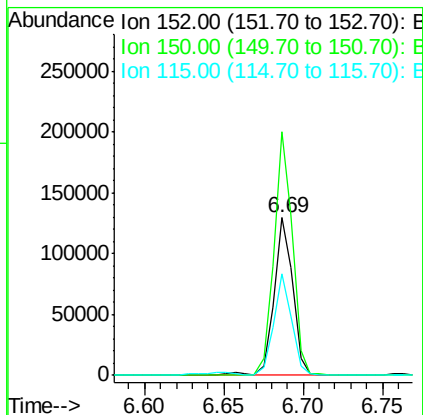
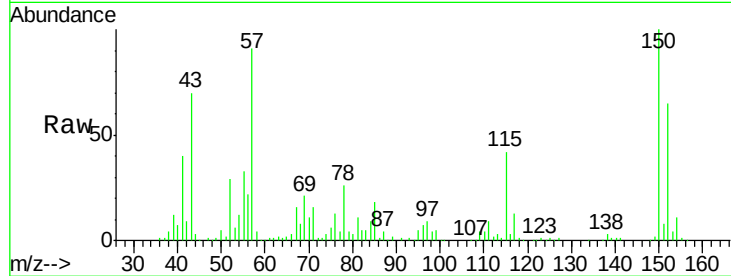


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Instrument :
BNA_F
ClientSampleId :
E2-HS1-BASE

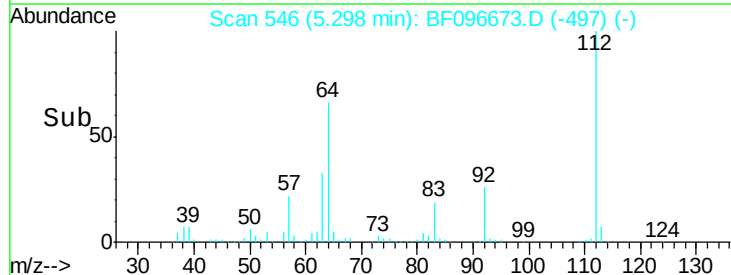
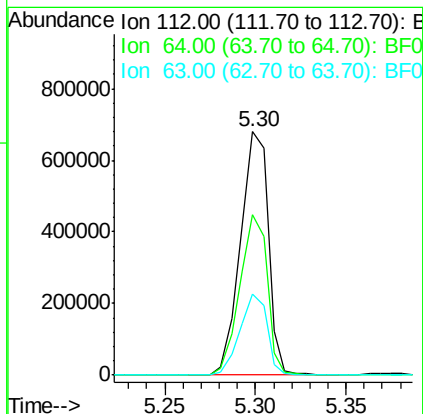
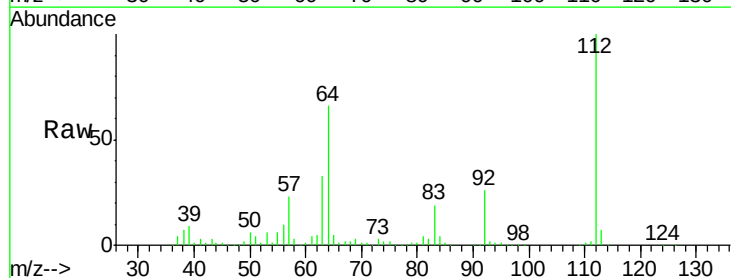
Tgt Ion:152 Resp: 107600
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 64.5 52.2 78.2

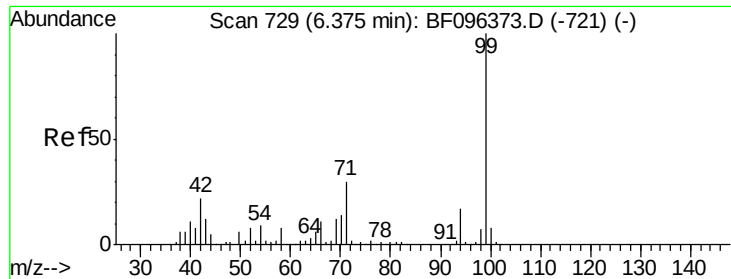


#5

2-Fluorophenol
Concen: 100.205 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Tgt Ion:112 Resp: 730507
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 33.4 23.4 35.0





#7

Phenol-d6

Concen: 95.233 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-HS1-BASE

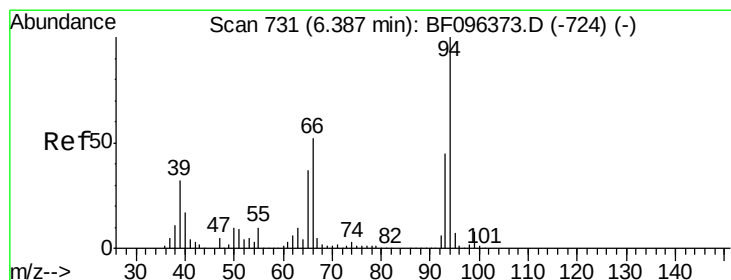
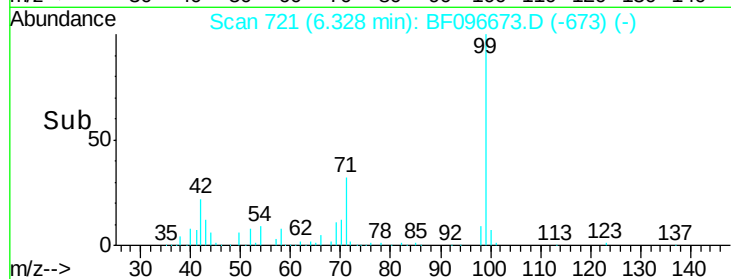
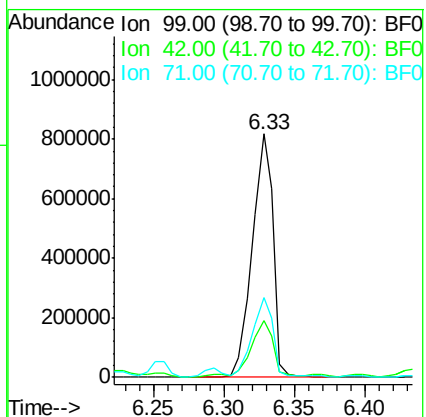
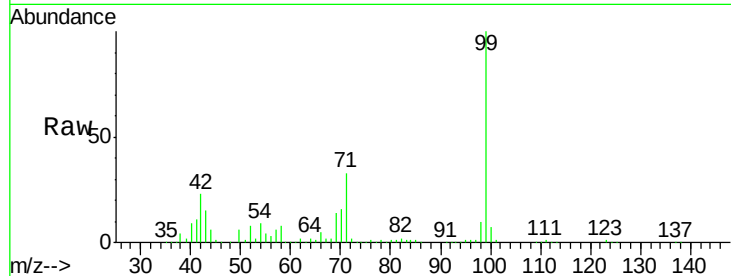
Tgt Ion: 99 Resp: 853503

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

71 33.0 24.5 36.7



#10

Phenol

Concen: 2.403 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

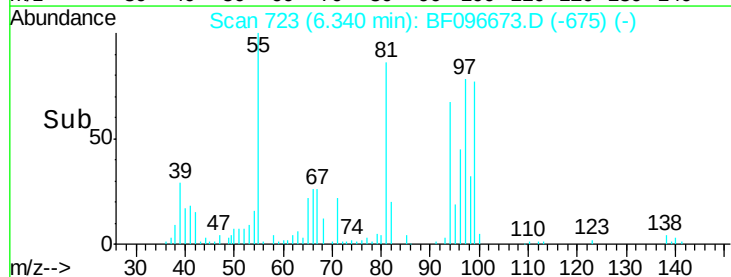
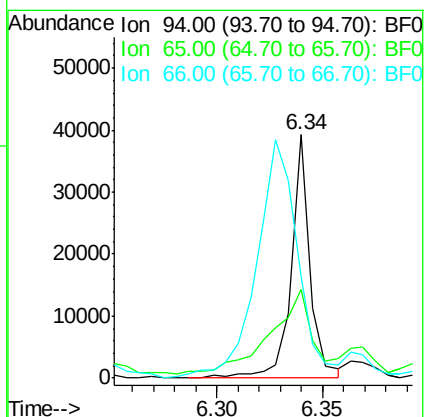
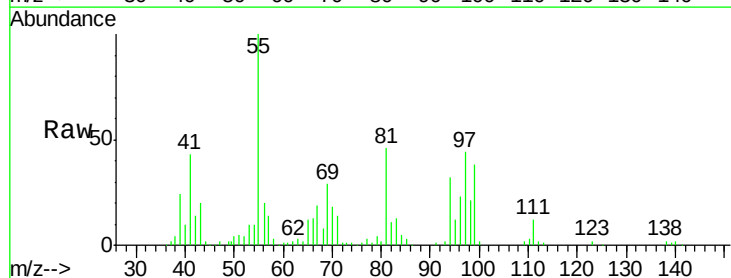
Tgt Ion: 94 Resp: 24538

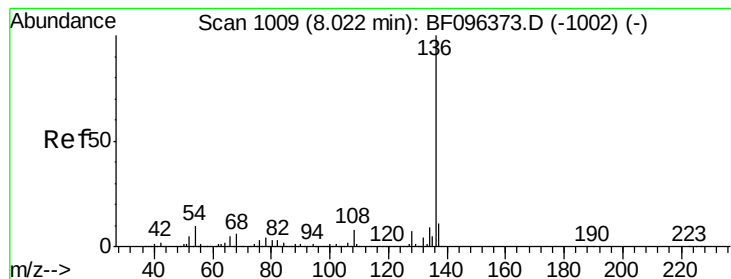
Ion Ratio Lower Upper

94 100

65 36.4 9.9 49.9

66 41.6 23.1 63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-HS1-BASE

Tgt Ion: 136 Resp: 358777

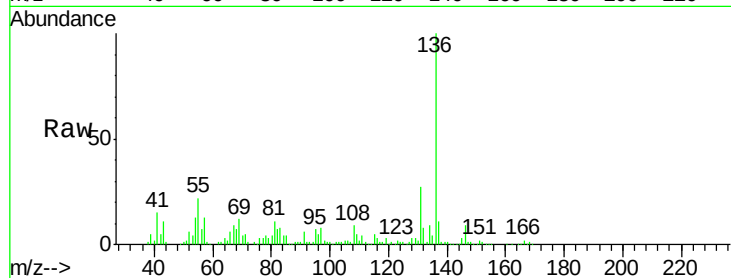
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 12.7 4.9 7.3#

68 7.1 4.1 6.1#

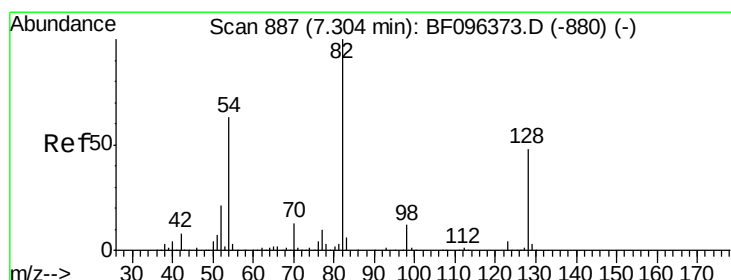
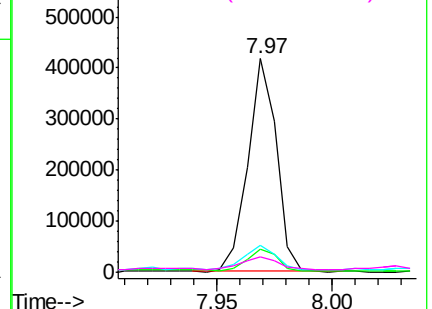
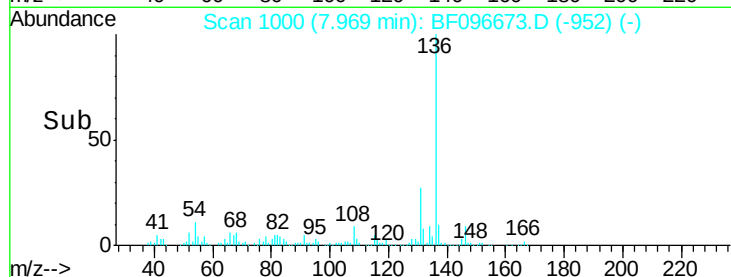


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 73.159 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

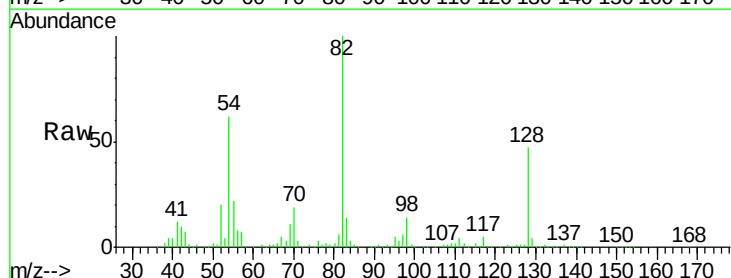
Tgt Ion: 82 Resp: 436801

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

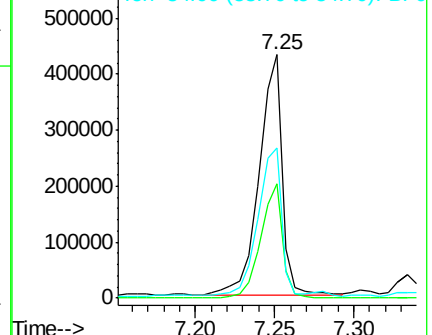
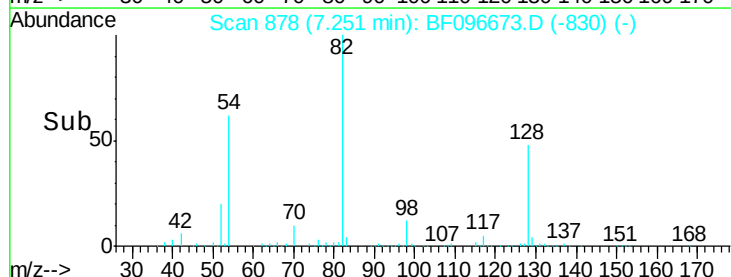
54 61.6 42.2 63.2

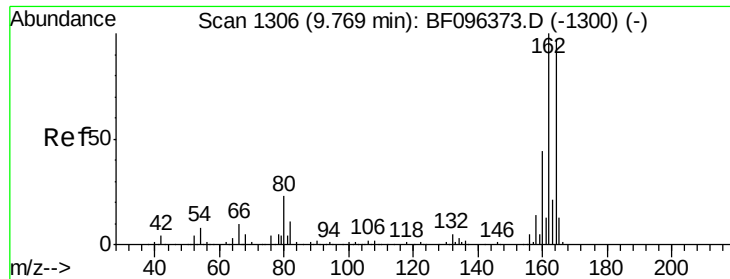


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-HS1-BASE

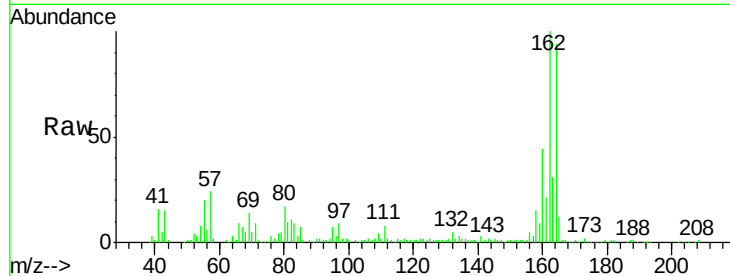
Tgt Ion:164 Resp: 149768

Ion Ratio Lower Upper

164 100

162 106.1 82.6 123.8

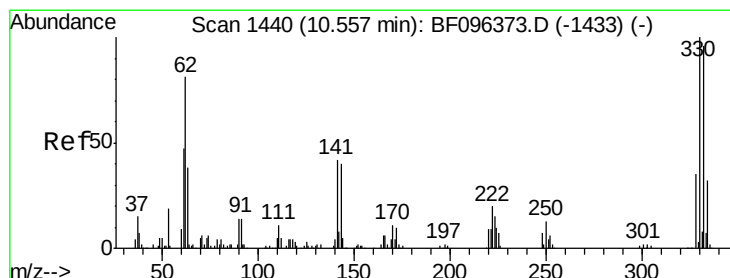
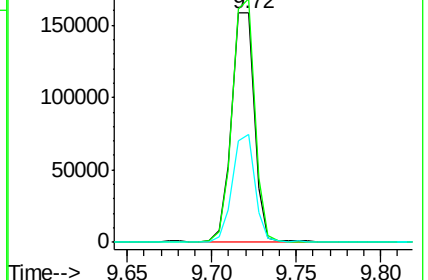
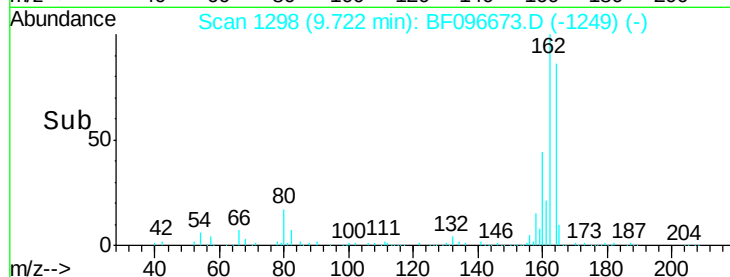
160 46.8 36.2 54.2



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: 89.446 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

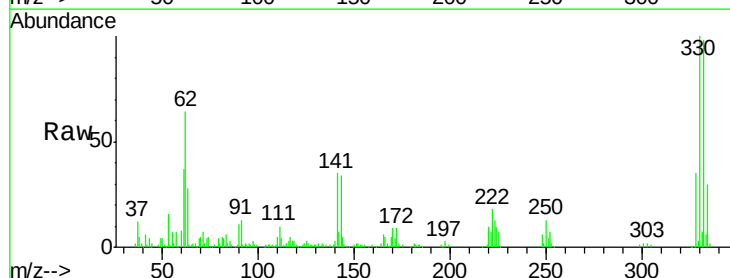
Tgt Ion:330 Resp: 104640

Ion Ratio Lower Upper

330 100

332 98.3 76.6 115.0

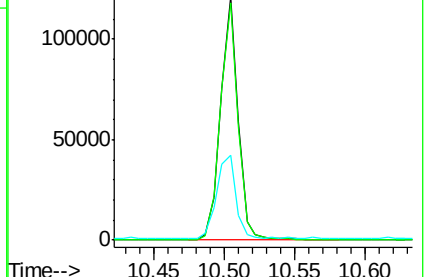
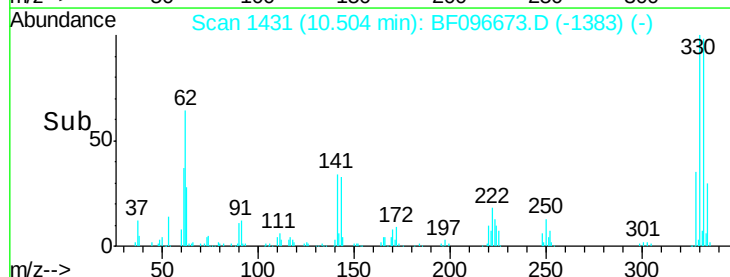
141 37.6 31.4 47.2

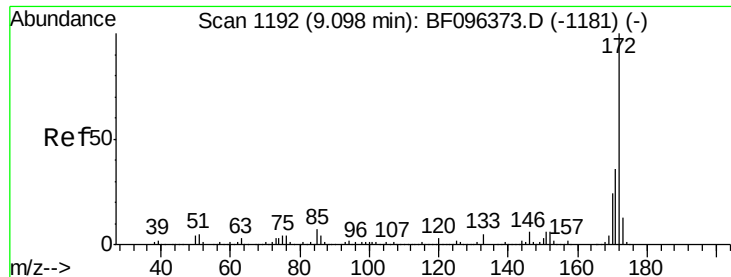


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

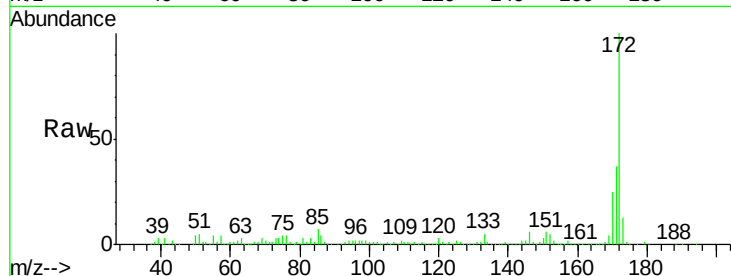




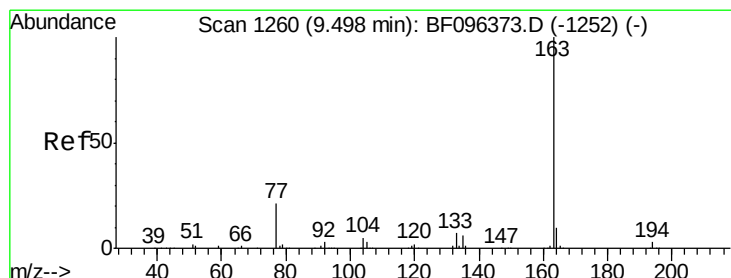
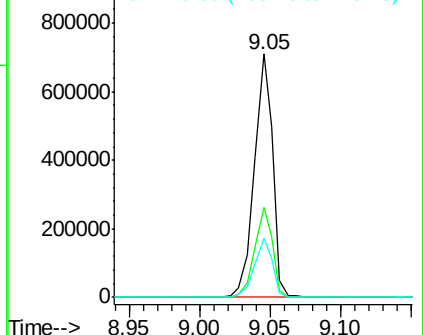
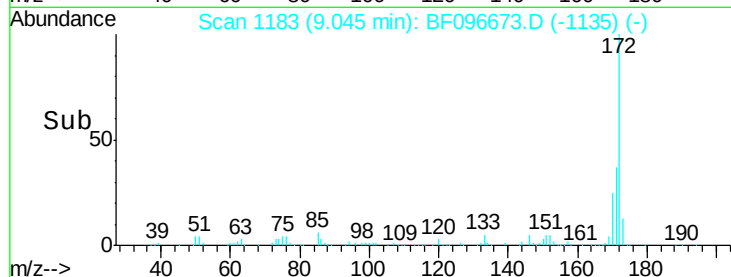
#44
2-Fluorobiphenyl
Concen: 74.206 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Instrument :
BNA_F
ClientSampleId :
E2-HS1-BASE

Tgt Ion:172 Resp: 650014
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.8 29.8

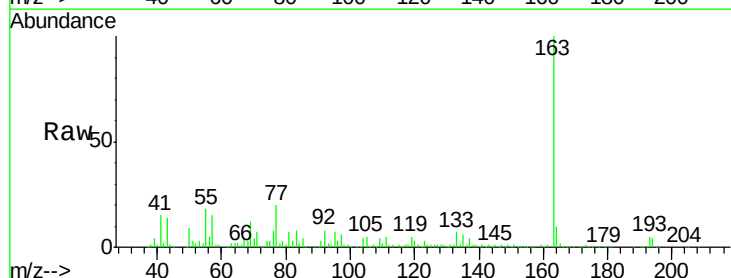


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

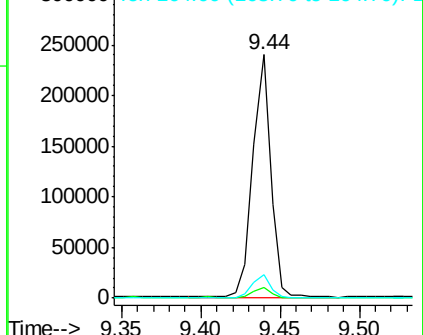
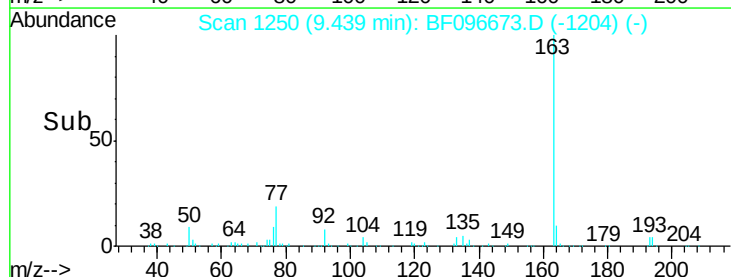


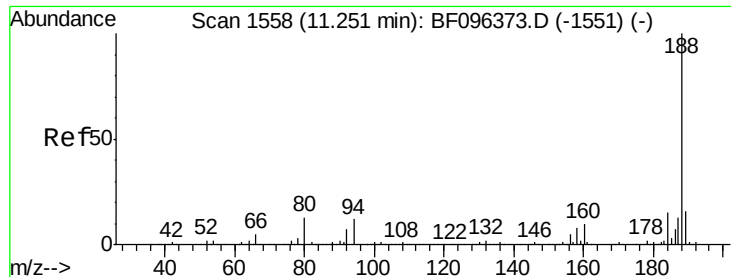
#49
Dimethylphthalate
Concen: 16.911 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Tgt Ion:163 Resp: 189068
Ion Ratio Lower Upper
163 100
194 4.4 2.6 4.0#
164 9.8 8.4 12.6



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

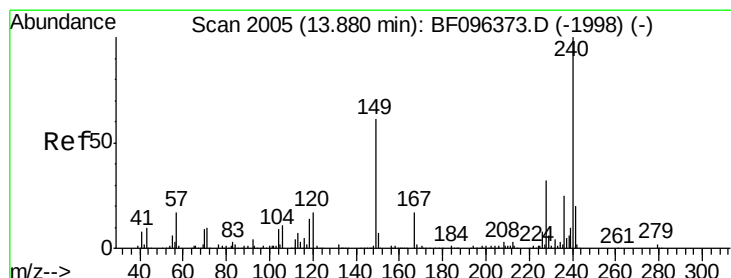
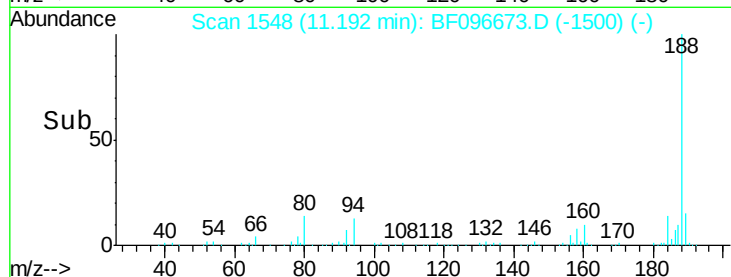
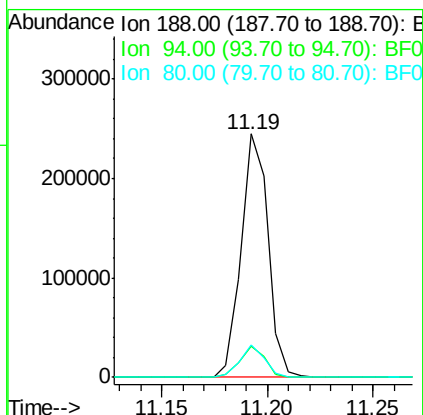
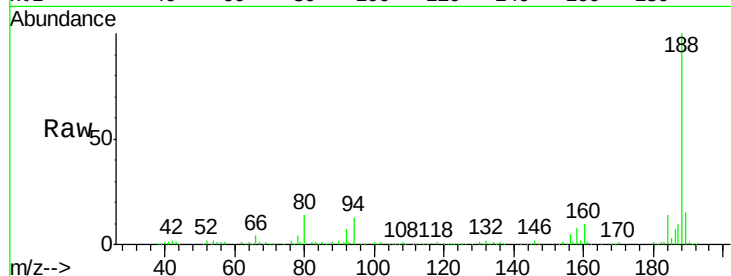




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

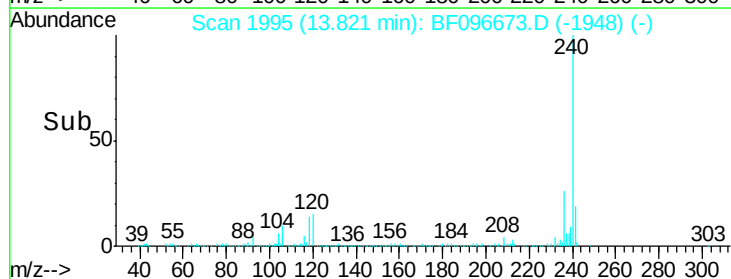
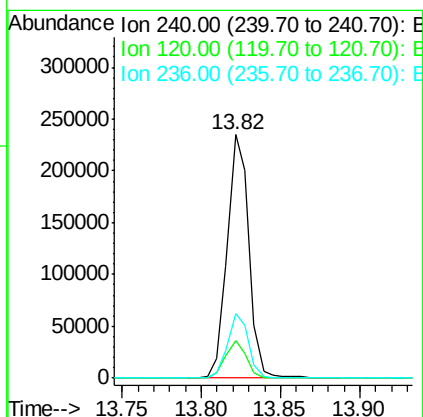
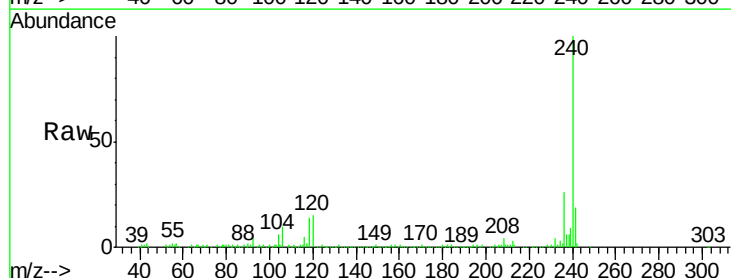
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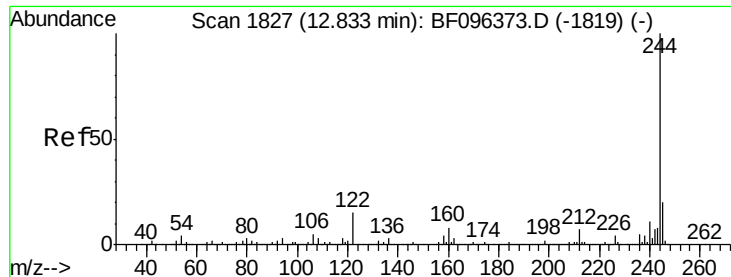
Tgt Ion:188 Resp: 216361
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Tgt Ion:240 Resp: 221885
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 26.3 20.5 30.7

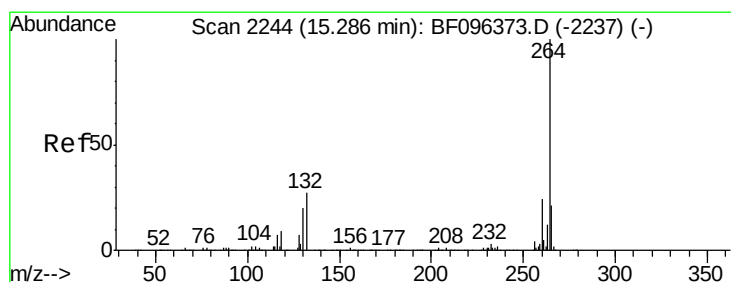
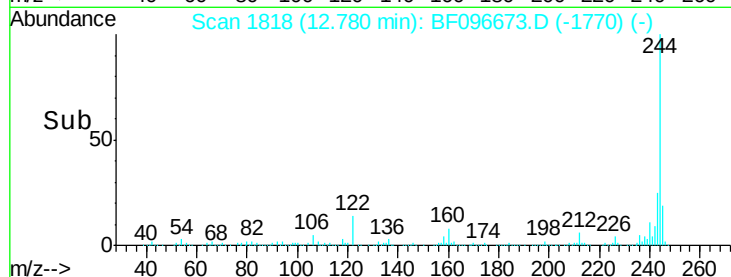
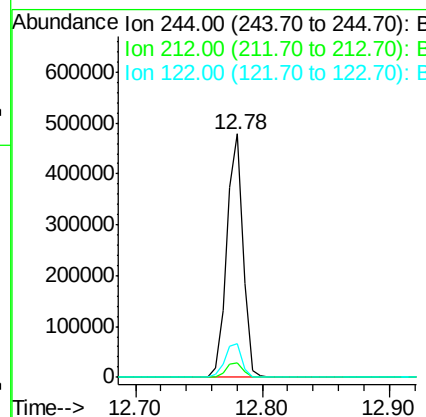
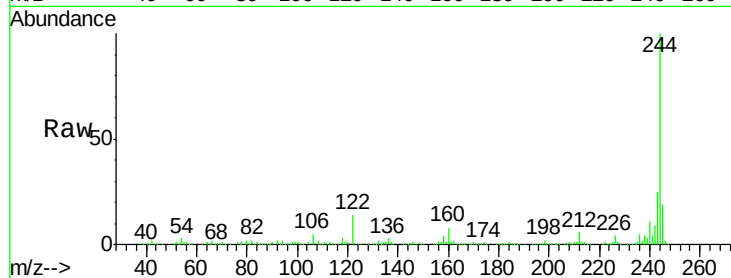




#78
 Terphenyl-d14
 Concen: 41.072 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096673.D
 Acq: 12 Jul 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-BASE

Tgt Ion: 244 Resp: 426487
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096673.D
 Acq: 12 Jul 2017 5:37

Tgt Ion: 264 Resp: 159225
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 20.3 17.2 25.8

