

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090729.D
 Acq On : 22 Oct 2016 00:04
 Operator : UM/SJ
 Sample : H5308-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Quant Time: Oct 22 00:31:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

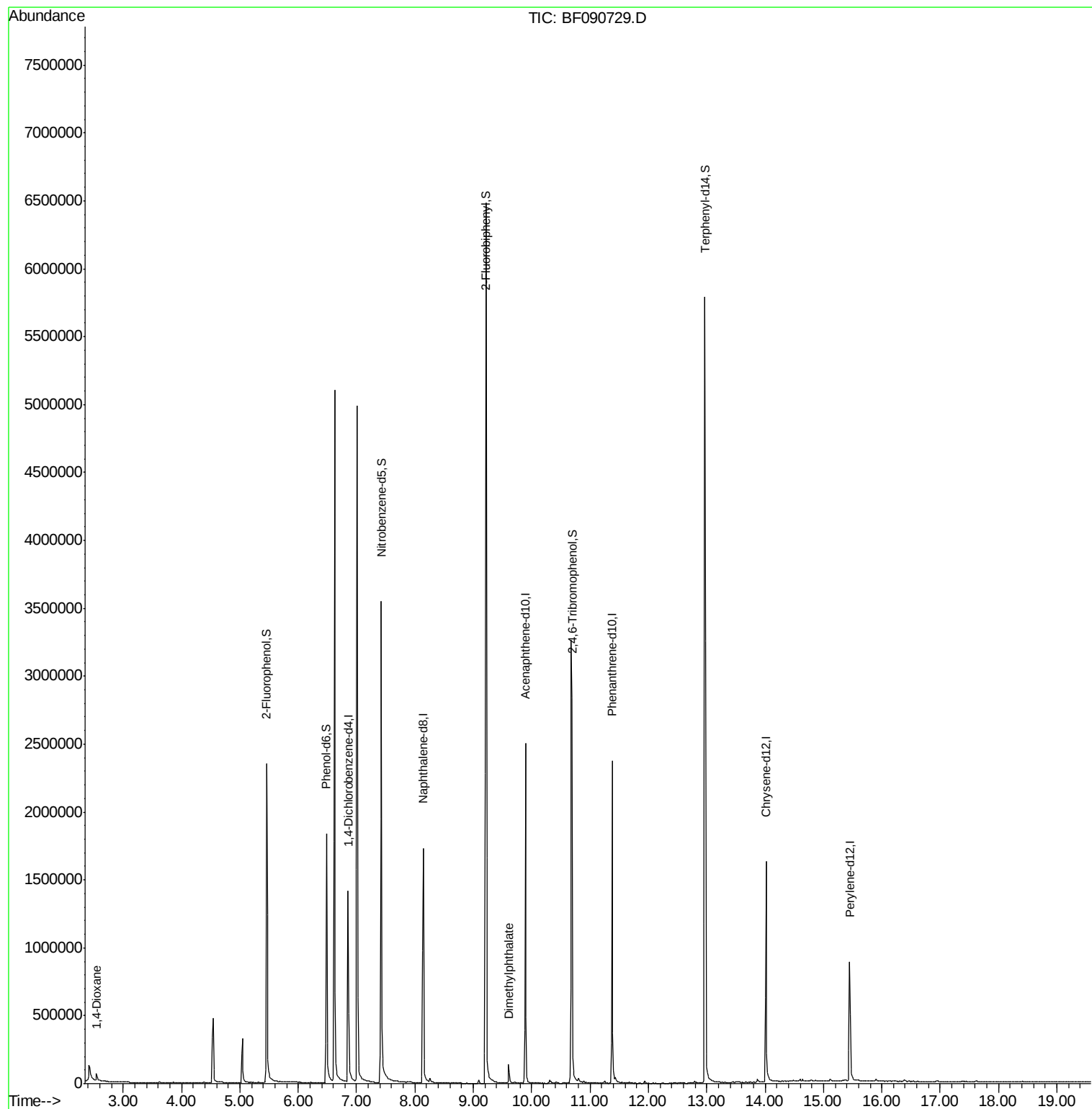
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	253050	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1071252	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	541180	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	917947	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	671177	20.00	ng	0.00
86) Perylene-d12	15.45	264	439990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	834078	53.16	ng	0.00
7) Phenol-d6	6.49	99	704259	33.14	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1721986	88.16	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	718912	167.84	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2562719	73.51	ng	-0.01
78) Terphenyl-d14	12.97	244	2606987	89.02	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.54	88	26980	2.97	ng	Qvalue 83
49) Dimethylphthalate	9.61	163	77647	2.28	ng	# 97

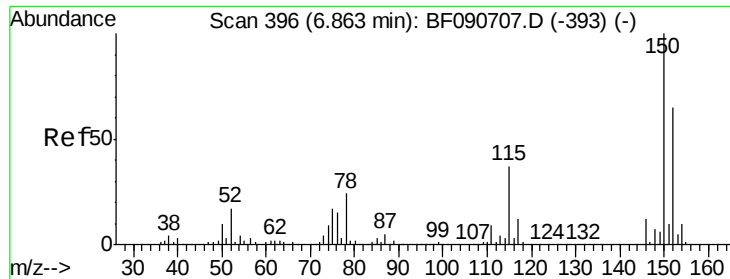
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 21 17:36:31 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-101I

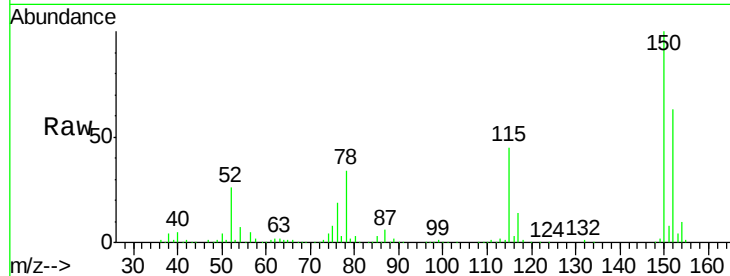
Tot Ion:152 Resp: 253050

Ion Ratio Lower Upper

152 100

150 158.8 124.7 187.1

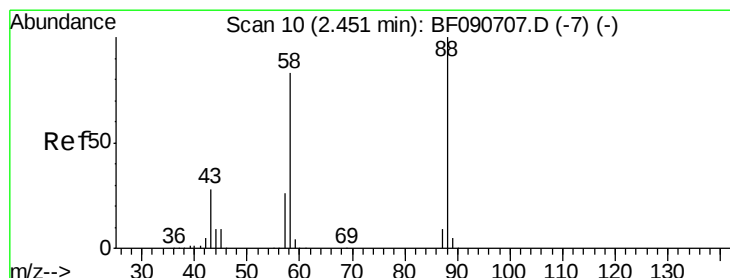
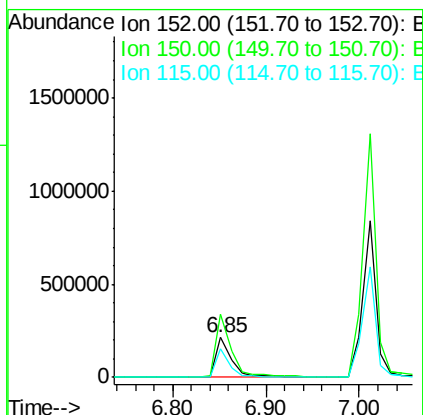
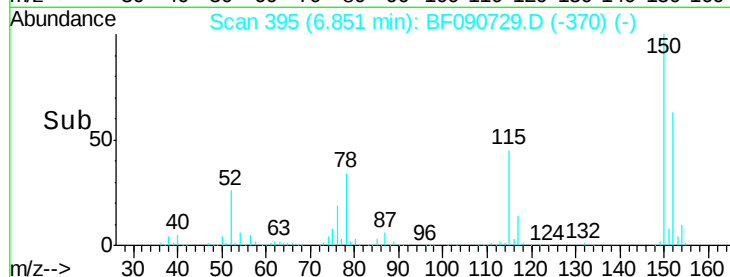
115 71.8 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 2.97 ng

RT: 2.54 min Scan# 18

Delta R.T. 0.06 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

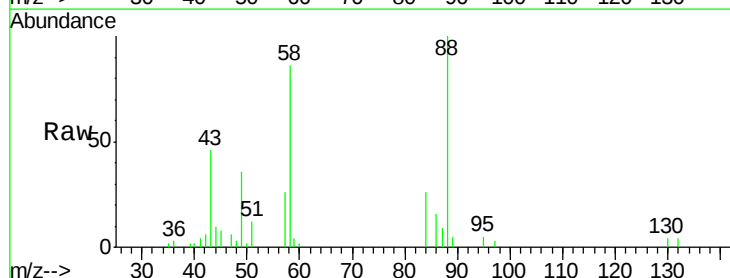
Tgt Ion: 88 Resp: 26980

Ion Ratio Lower Upper

88 100

58 78.0 77.7 116.5

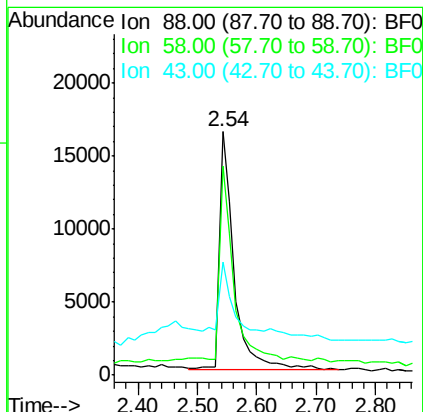
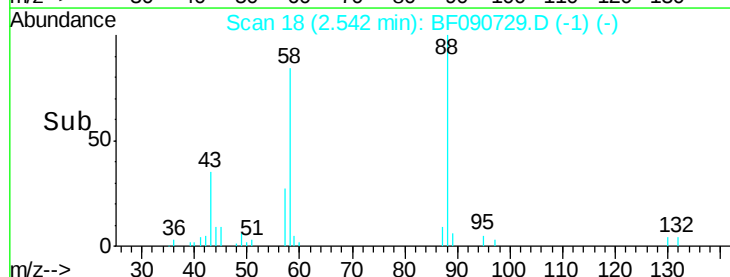
43 27.5 26.6 40.0

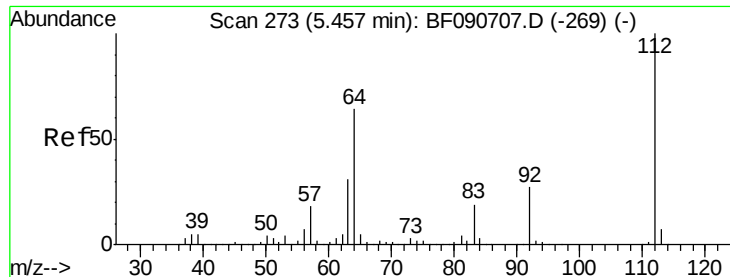


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 53.16 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-101I

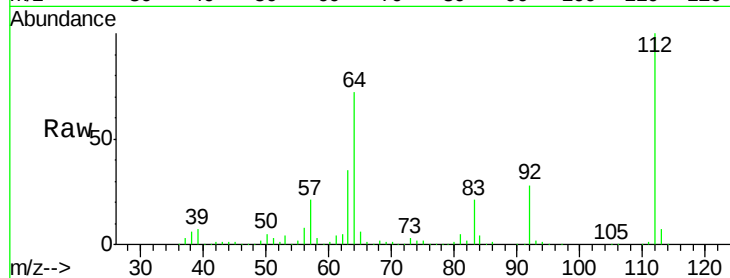
Tot Ion:112 Resp: 834078

Ion Ratio Lower Upper

112 100

64 72.2 39.7 59.5#

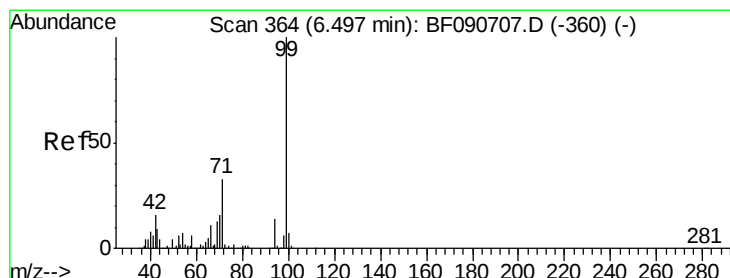
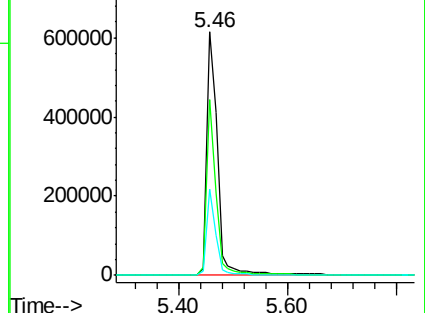
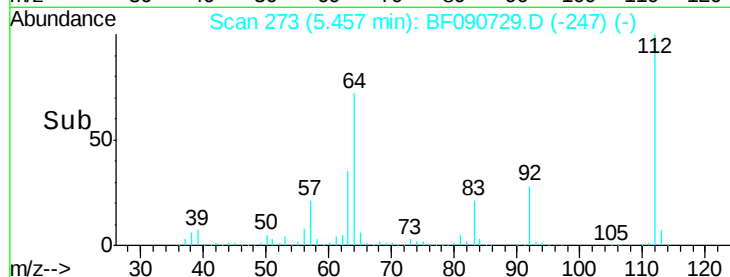
63 35.4 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 33.14 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

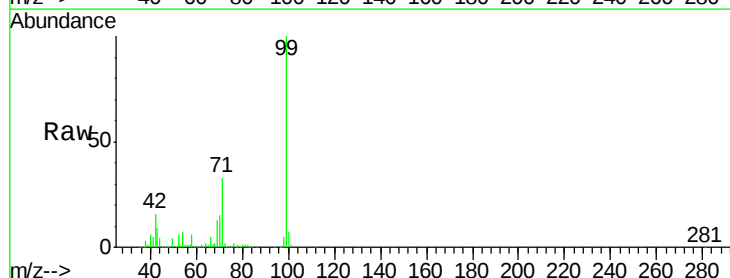
Tgt Ion: 99 Resp: 704259

Ion Ratio Lower Upper

99 100

42 16.2 13.7 20.5

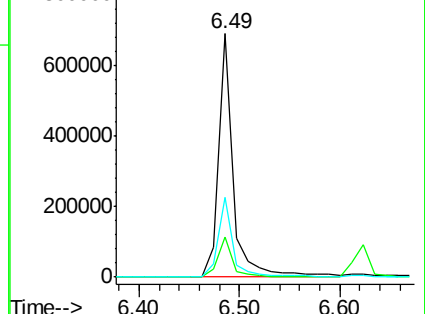
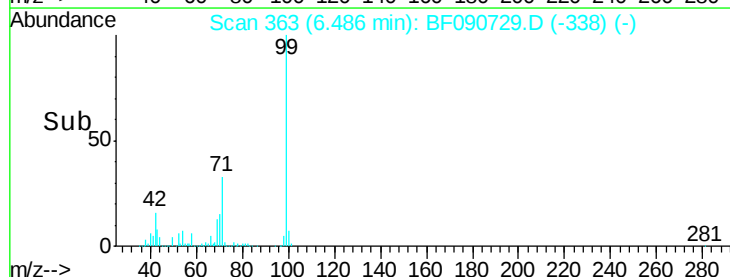
71 32.6 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

Instrument :

BNA_F

ClientSampleId :

MW-101I

Tot Ion:136 Resp: 1071252

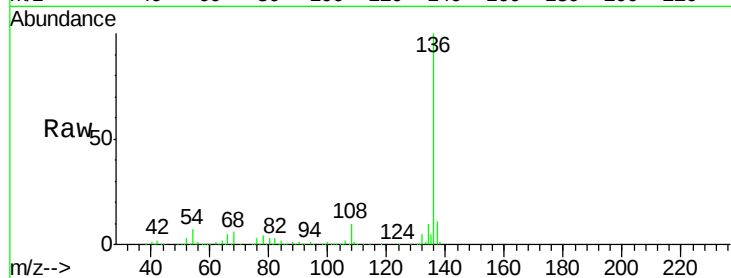
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.0 8.2 12.2#

68 6.3 5.8 8.6

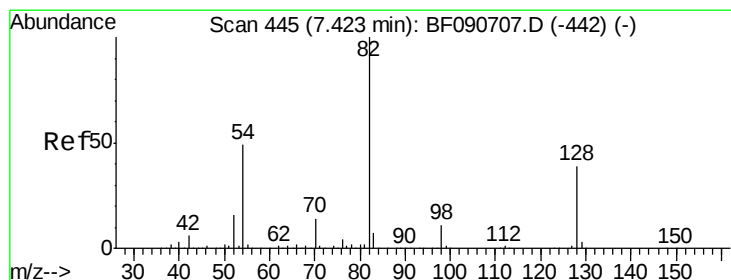
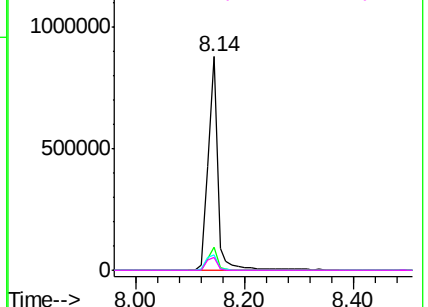
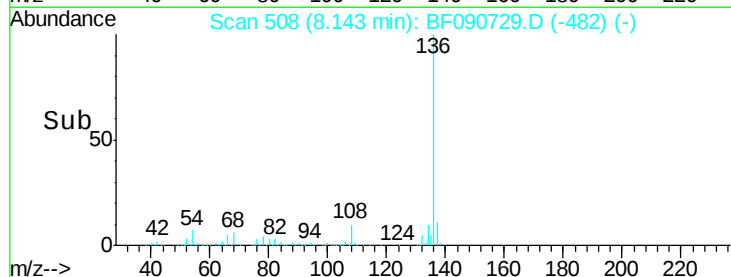


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.16 ng

RT: 7.42 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF090729.D

Acq: 22 Oct 2016 00:04

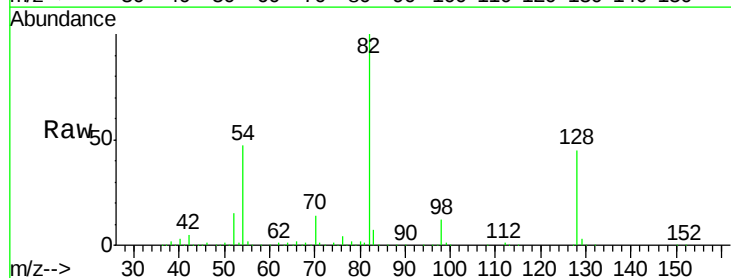
Tgt Ion: 82 Resp: 1721986

Ion Ratio Lower Upper

82 100

128 44.8 51.0 76.6#

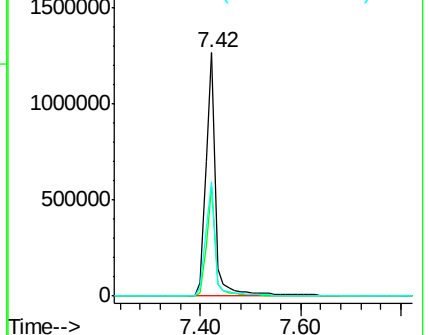
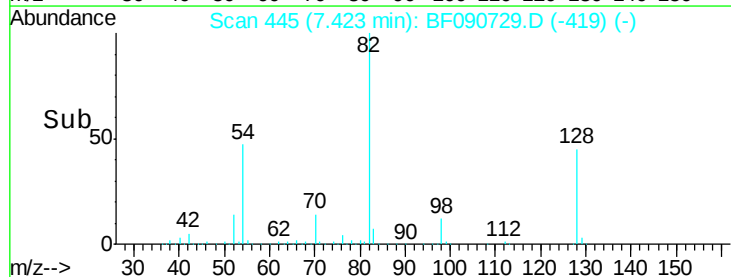
54 47.1 47.5 71.3#

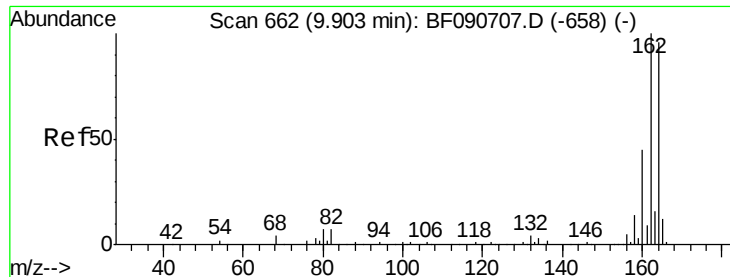


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

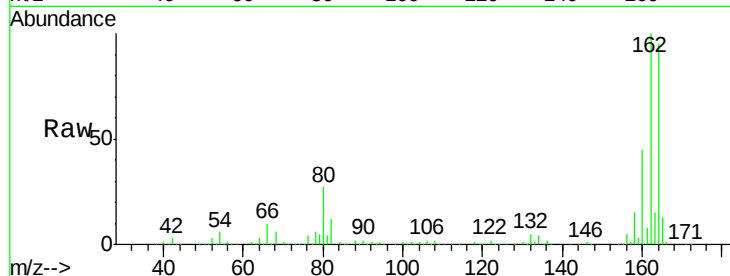




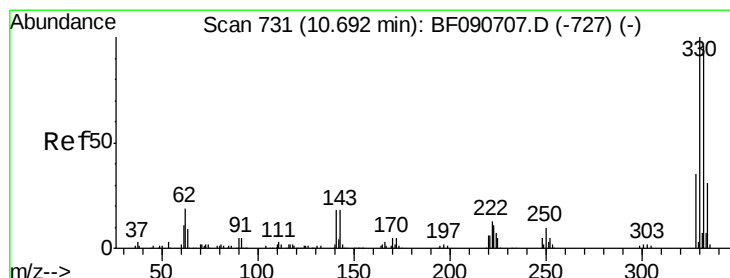
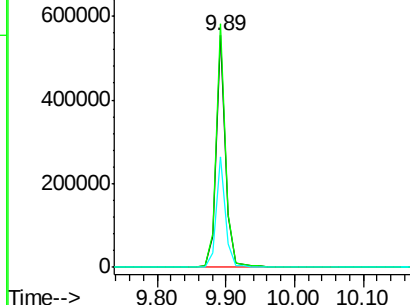
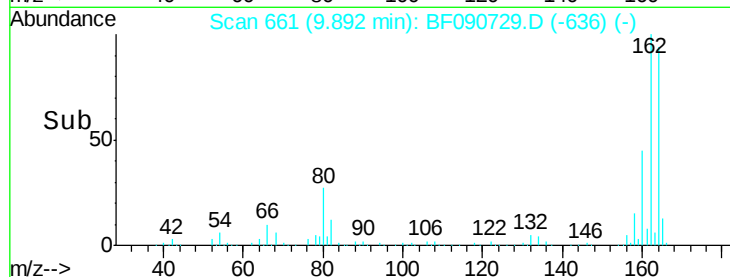
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Tot Ion:164 Resp: 541180
 Ion Ratio Lower Upper
 164 100
 162 105.1 75.2 112.8
 160 47.8 31.5 47.3#

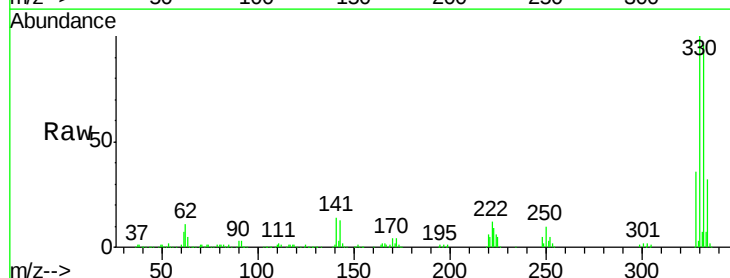


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

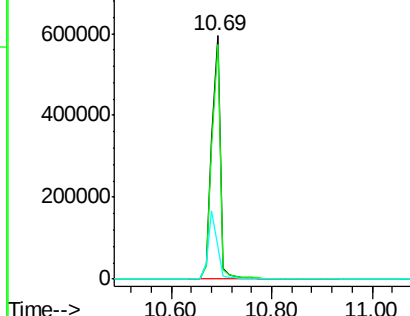
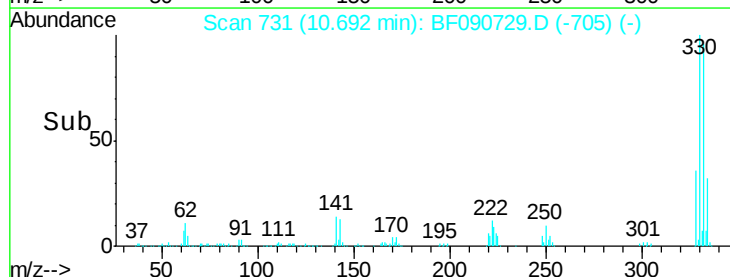


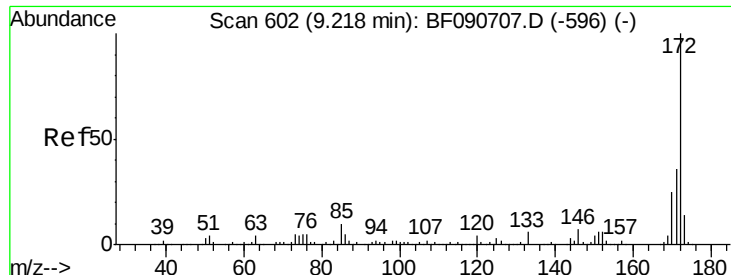
#41
 2,4,6-Tribromophenol
 Concen: 167.84 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Tgt Ion:330 Resp: 718912
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 30.5 29.7 44.5



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



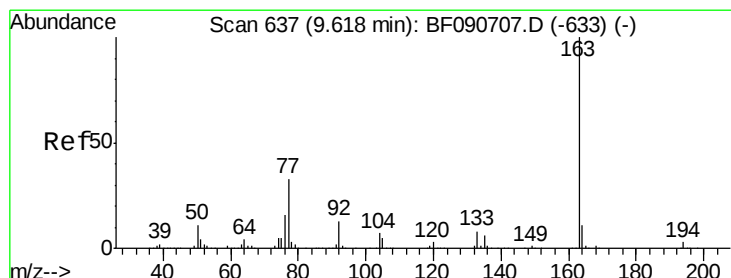
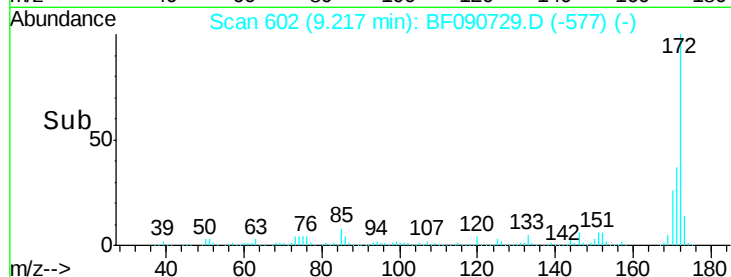
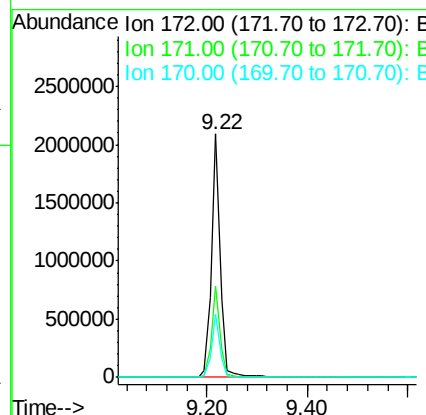
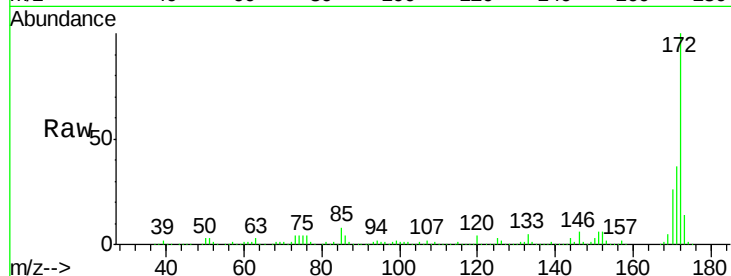


#44
 2-Fluorobiphenyl
 Concen: 73.51 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Instrument :
 BNA_F
 ClientSampled :
 MW-101I

Tot Ion:172 Resp: 2562719

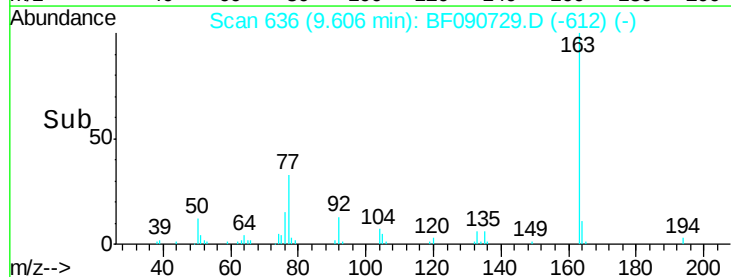
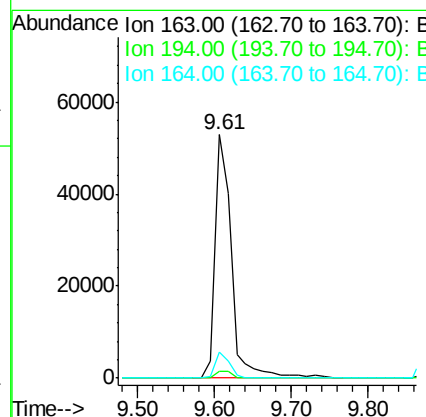
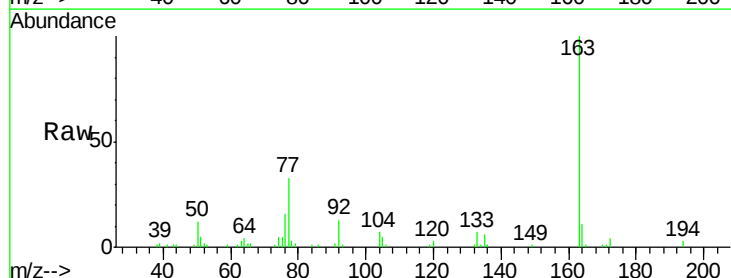
Ion	Ratio	Lower	Upper
172	100		
171	37.4	26.1	39.1
170	25.8	17.4	26.2

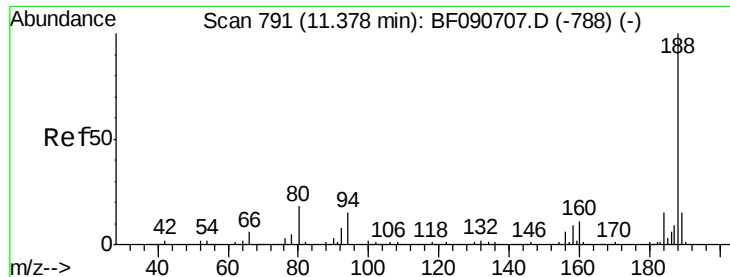


#49
 Dimethylphthalate
 Concen: 2.28 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Tgt Ion:163 Resp: 77647

Ion	Ratio	Lower	Upper
163	100		
194	2.8	4.4	6.6#
164	10.5	8.3	12.5

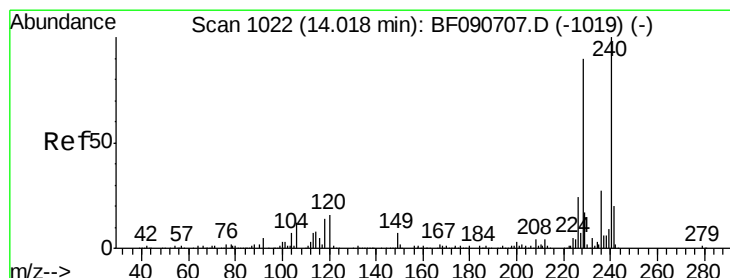
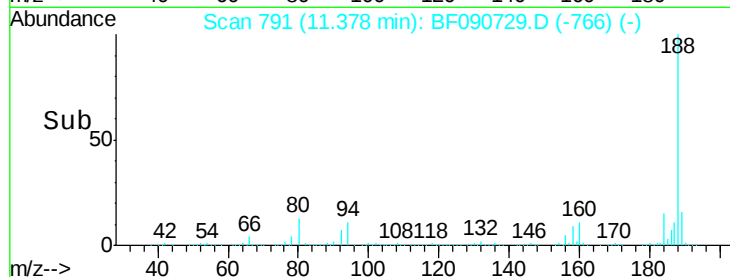
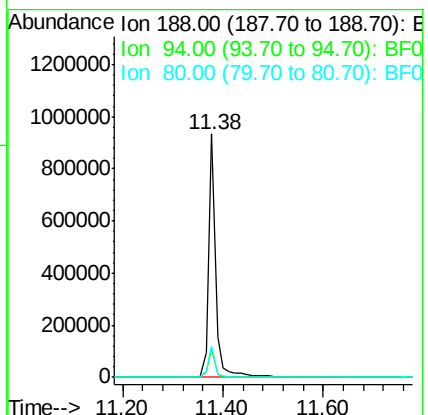
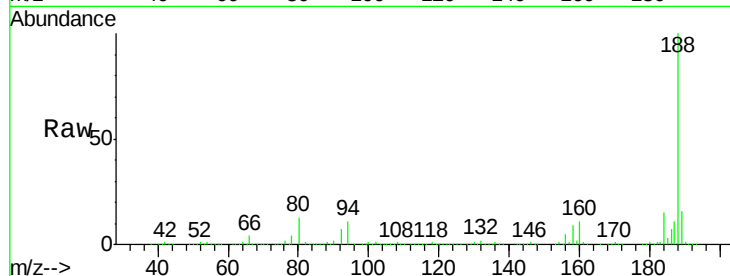




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090729.D
Acq: 22 Oct 2016 00:04

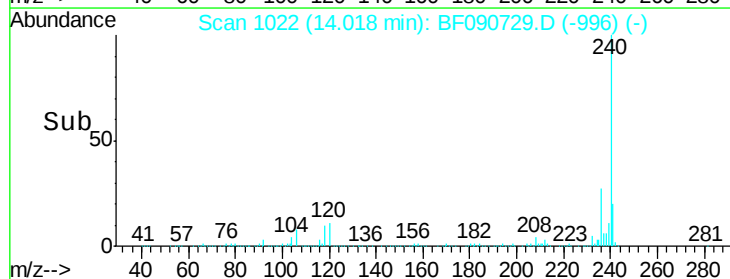
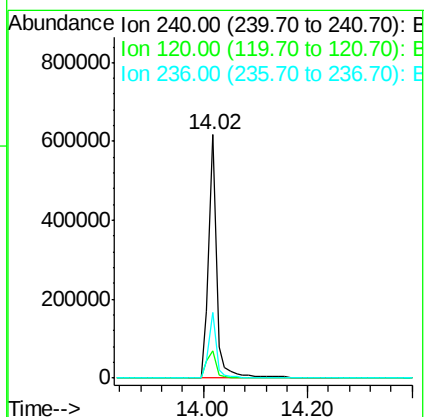
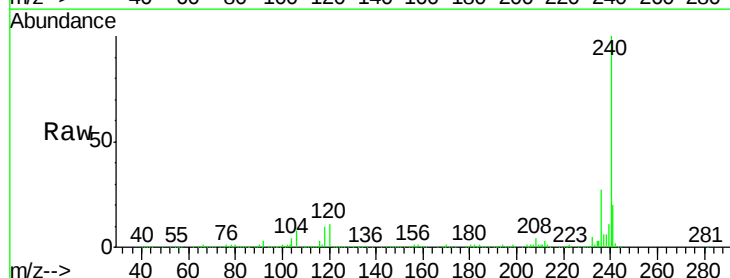
Instrument :
BNA_F
ClientSampleId :
MW-101I

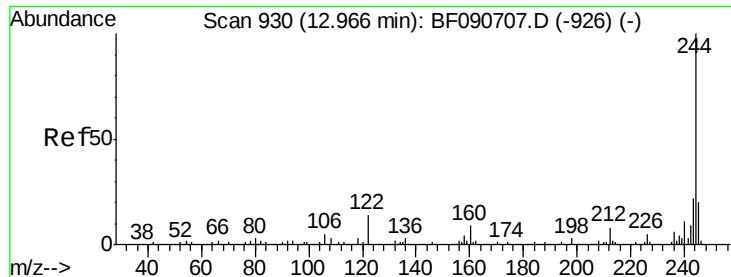
Tot Ion:188 Resp: 917947
Ion Ratio Lower Upper
188 100
94 11.5 11.1 16.7
80 12.6 11.0 16.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF090729.D
Acq: 22 Oct 2016 00:04

Tgt Ion:240 Resp: 671177
Ion Ratio Lower Upper
240 100
120 11.1 16.2 24.2#
236 27.2 18.4 27.6

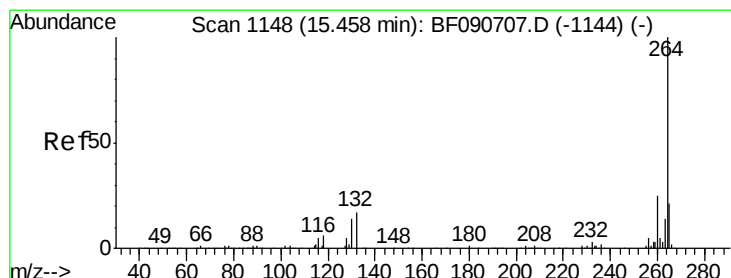
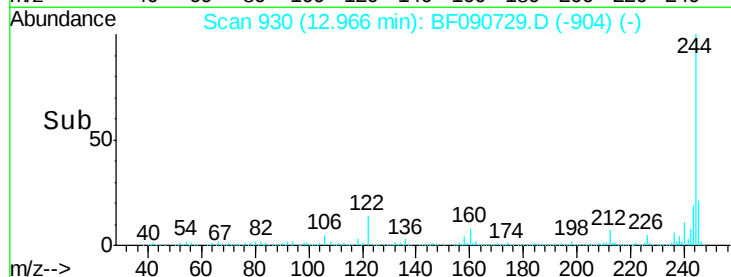
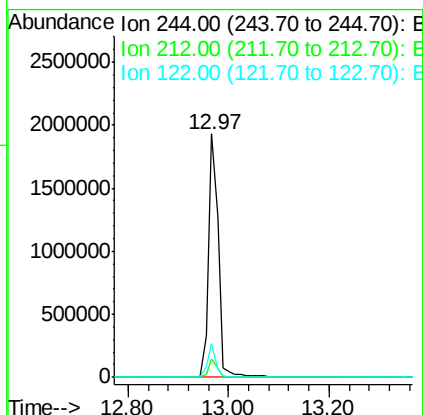
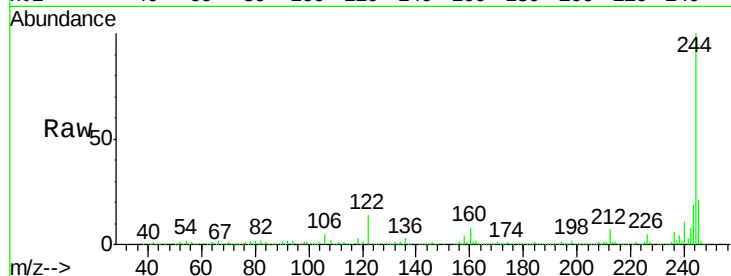




#78
 Terphenyl-d14
 Concen: 89.02 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Tot Ion:244 Resp: 2606987
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 13.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090729.D
 Acq: 22 Oct 2016 00:04

Tgt Ion:264 Resp: 439990
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 21.7 17.2 25.8

