

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088291.D
 Acq On : 23 Jun 2016 12:47
 Operator : UM/SJ
 Sample : H3084-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW003-160512

Quant Time: Jun 23 14:37:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

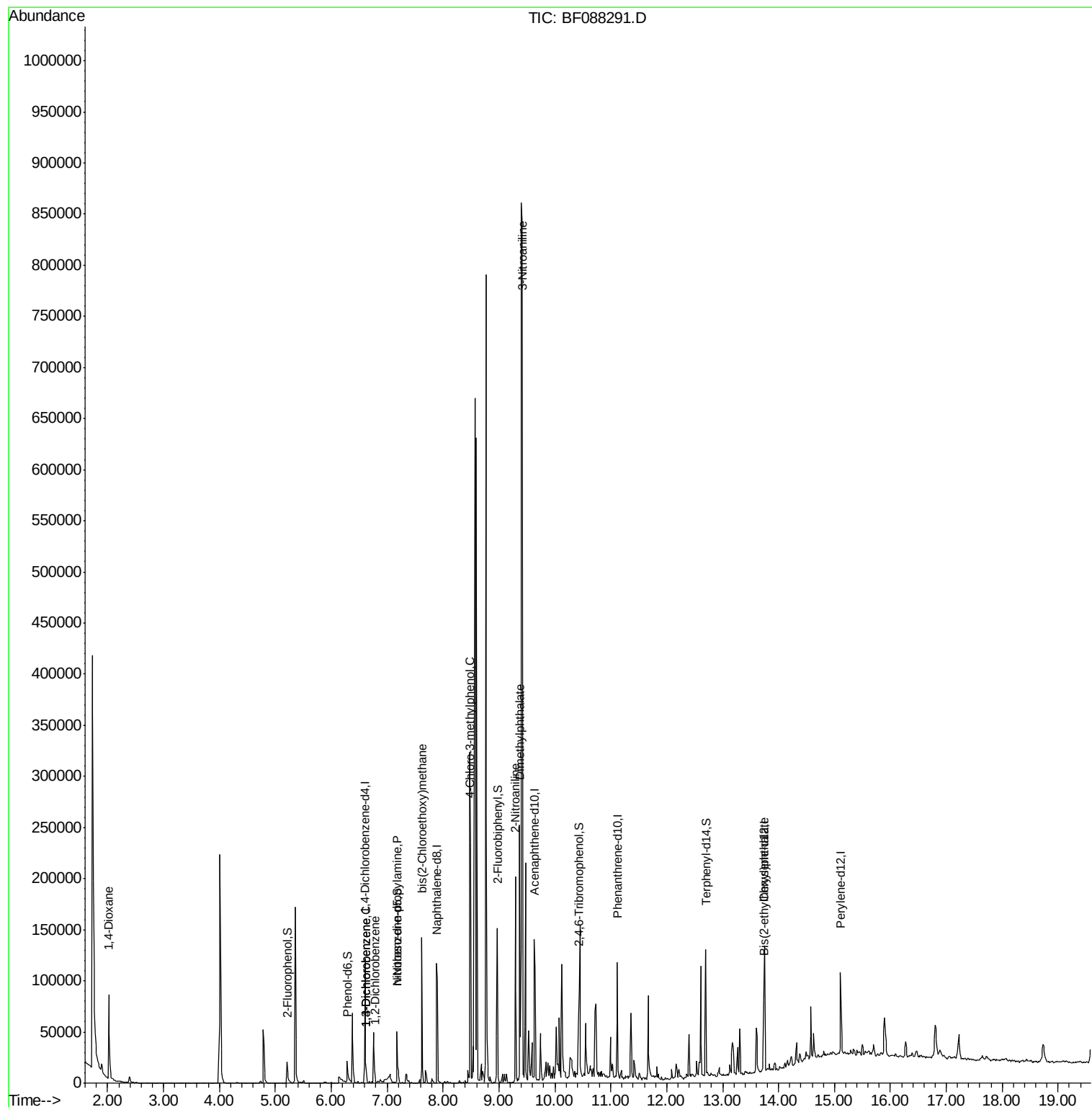
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	20950	5.00	ng	0.00
21) Naphthalene-d8	7.90	136	82481	5.00	ng	0.00
38) Acenaphthene-d10	9.63	164	33656	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	50702	5.00	ng	0.00
75) Chrysene-d12	13.75	240	45714	5.00	ng	0.00
86) Perylene-d12	15.11	264	36695	5.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	13489	2.75	ng	0.03
7) Phenol-d6	6.28	99	11399	1.92	ng	0.02
23) Nitrobenzene-d5	7.18	82	19995	3.54	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	7307	5.14	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	49754	4.73	ng	0.00
78) Terphenyl-d14	12.70	244	38629	4.81	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.02	88	42229	17.73	ng	Qvalue # 46
49) Dimethylphthalate	9.37	163	95086	9.75	ng	100

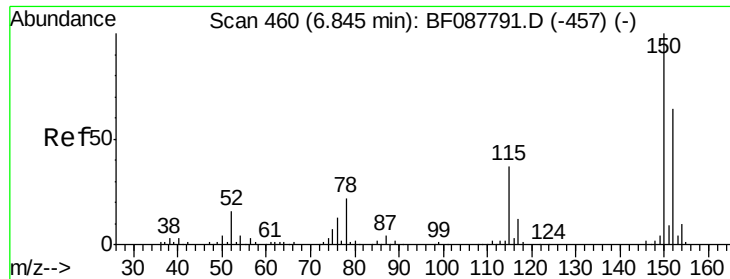
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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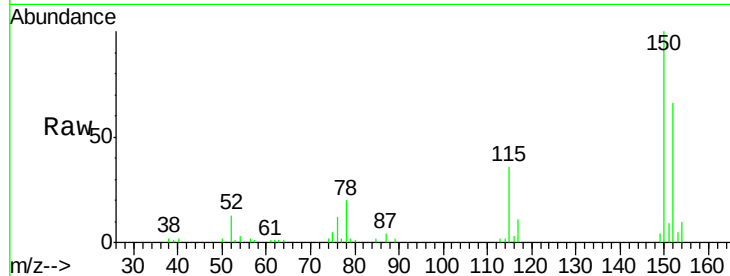




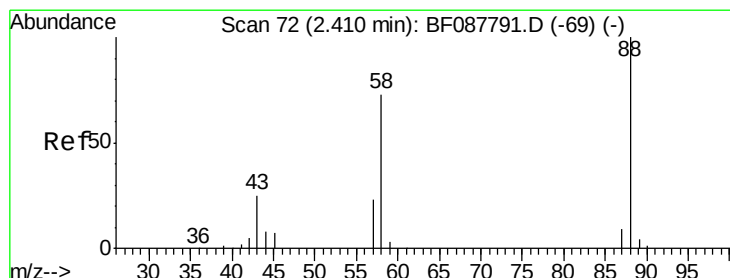
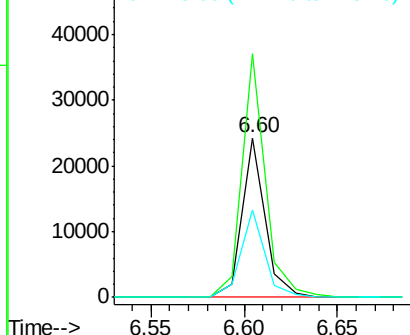
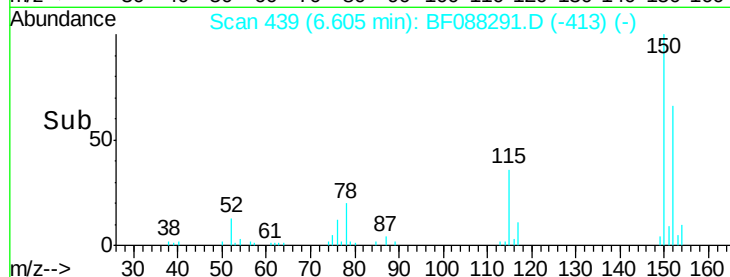
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF088291.D
 Acq: 23 Jun 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW003-160512

Tot Ion:152 Resp: 20950
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.8 185.6
 115 54.7 39.6 59.4

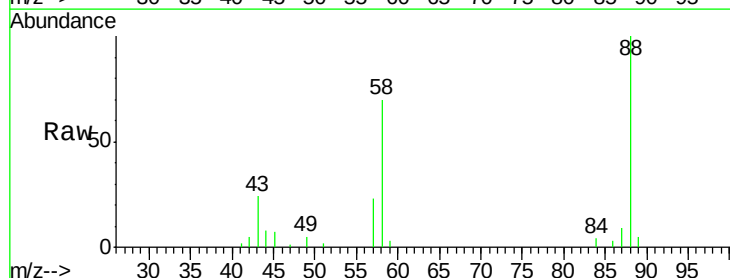


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

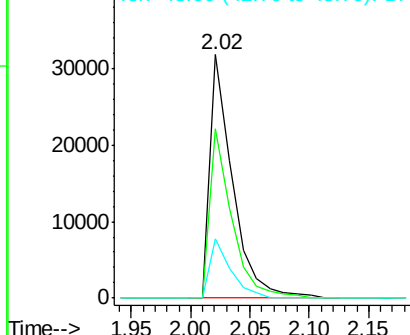
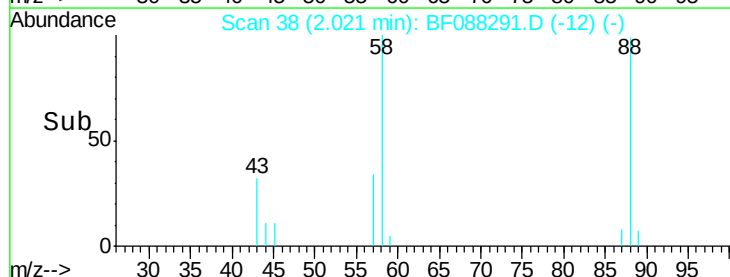


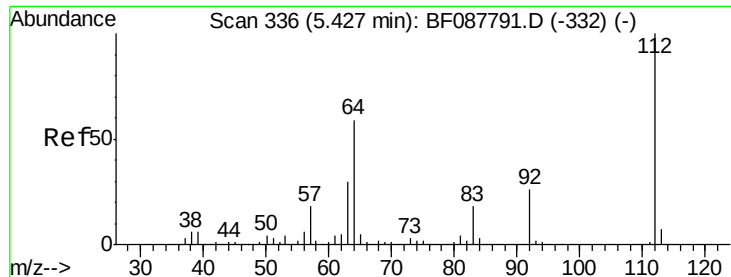
#2
 1,4-Dioxane
 Concen: 17.73 ng
 RT: 2.02 min Scan# 38
 Delta R.T. 0.00 min
 Lab File: BF088291.D
 Acq: 23 Jun 2016 12:47

Tgt Ion: 88 Resp: 42229
 Ion Ratio Lower Upper
 88 100
 58 66.9 0.0 0.0#
 43 22.1 3.4 5.2#



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: 2.75 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.03 min

Lab File: BF088291.D

Acq: 23 Jun 2016 12:47

Instrument :

BNA_F

ClientSampleId :

LF001MW003-160512

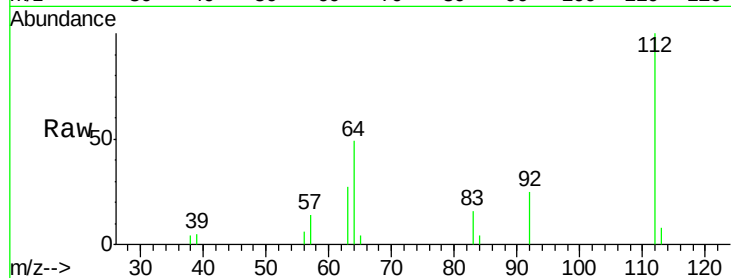
Tot Ion: 112 Resp: 13489

Ion Ratio Lower Upper

112 100

64 49.1 42.2 63.2

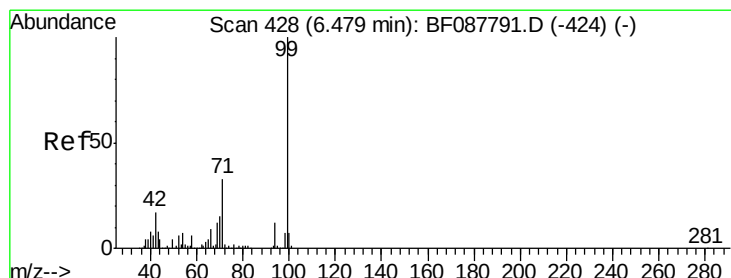
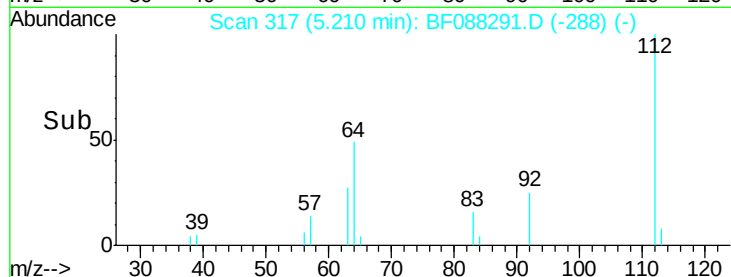
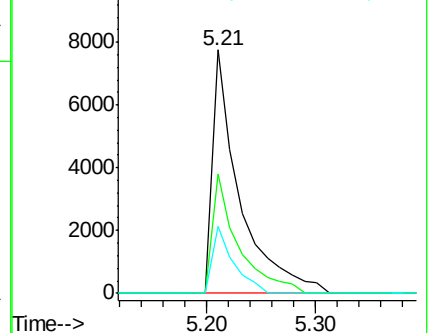
63 27.3 21.8 32.8



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: 1.92 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.02 min

Lab File: BF088291.D

Acq: 23 Jun 2016 12:47

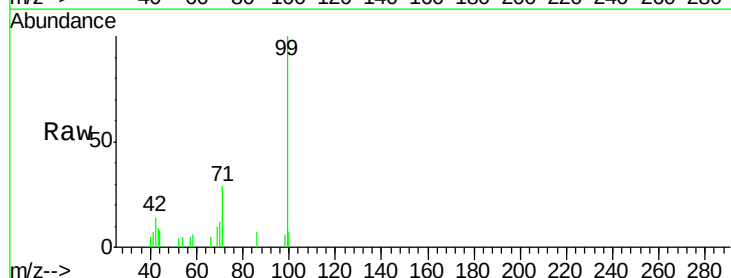
Tgt Ion: 99 Resp: 11399

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.2

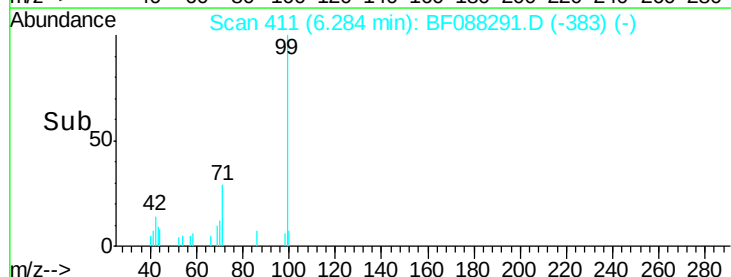
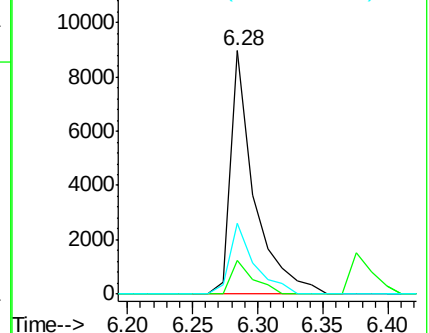
71 29.0 23.4 35.0

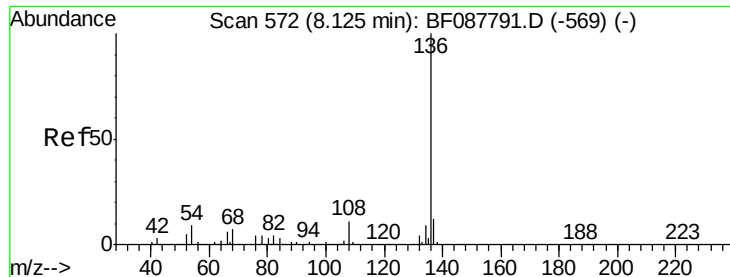


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 5.00 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF088291.D

Acq: 23 Jun 2016 12:47

Instrument :

BNA_F

ClientSampleId :

LF001MW003-160512

Tot Ion:136 Resp: 82481

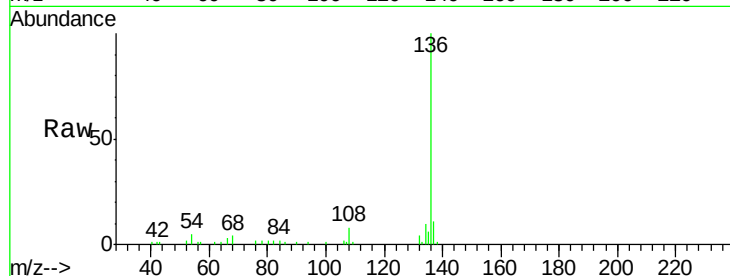
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 4.5 6.6 10.0#

68 4.2 5.1 7.7#

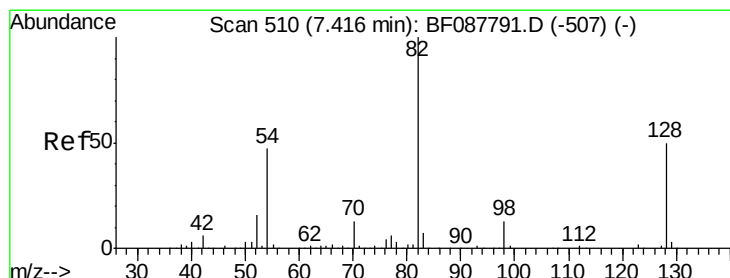
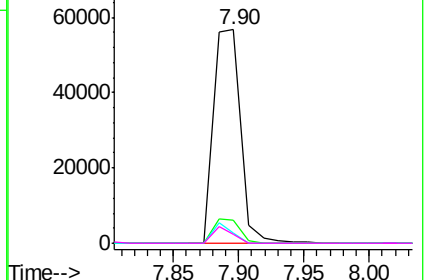
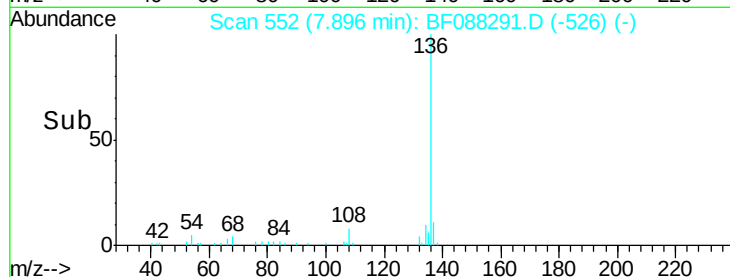


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 3.54 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088291.D

Acq: 23 Jun 2016 12:47

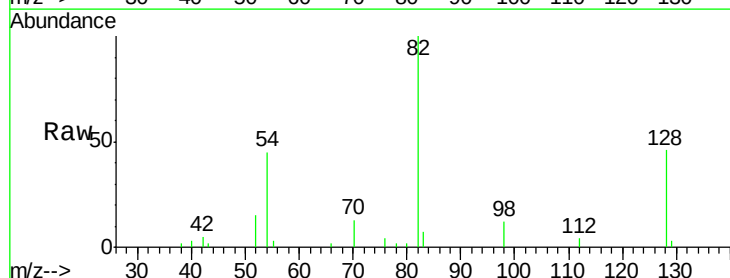
Tgt Ion: 82 Resp: 19995

Ion Ratio Lower Upper

82 100

128 45.6 35.9 53.9

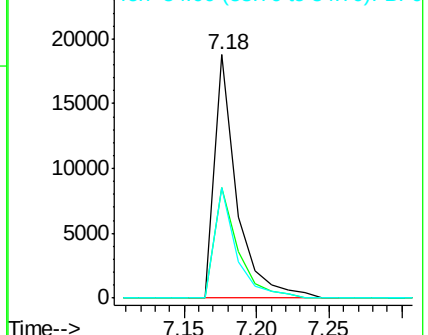
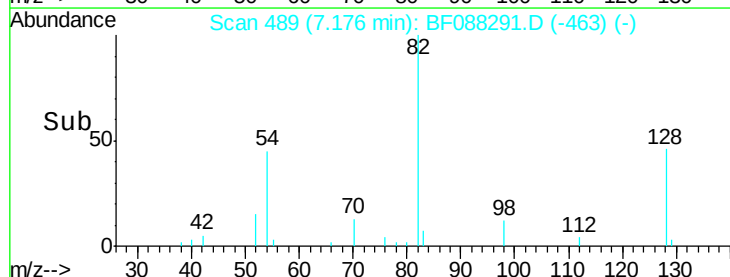
54 45.4 40.9 61.3

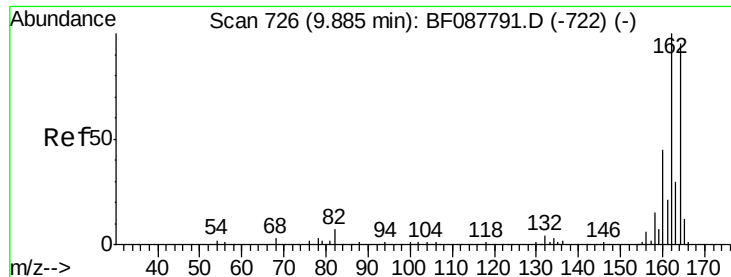


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

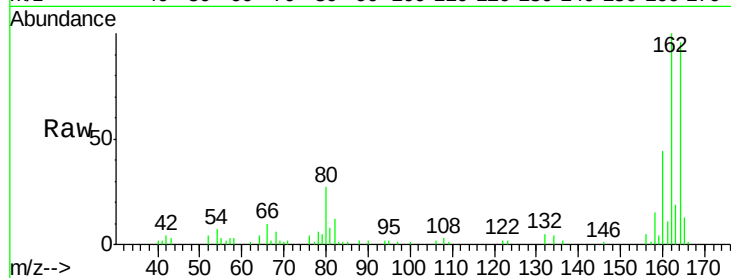




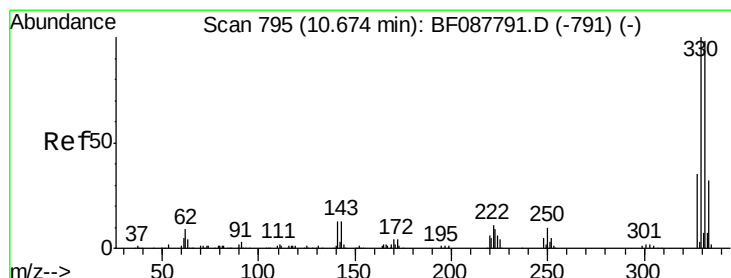
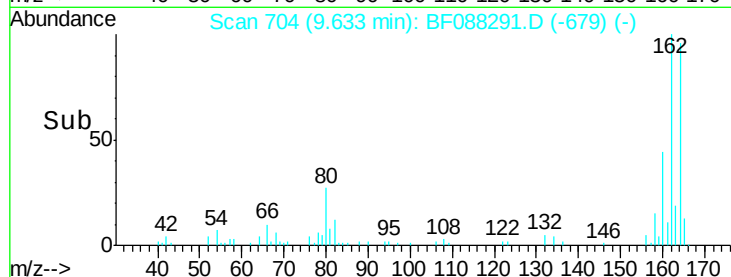
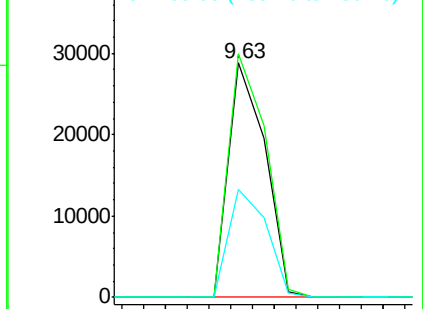
#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088291.D
 Acq: 23 Jun 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW003-160512

Tot Ion:164 Resp: 33656
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.4 128.2
 160 46.0 39.5 59.3

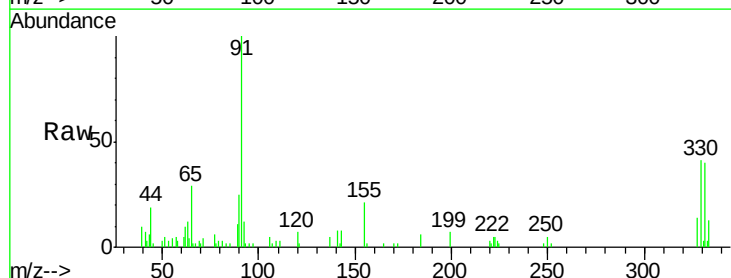


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

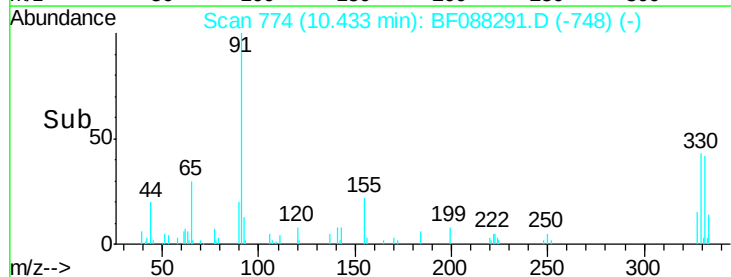
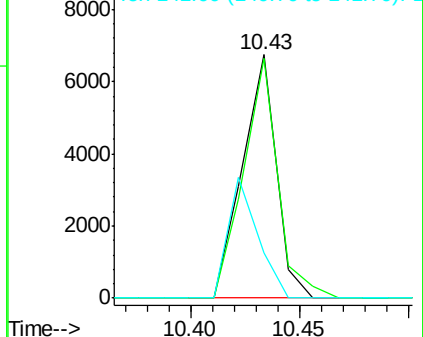


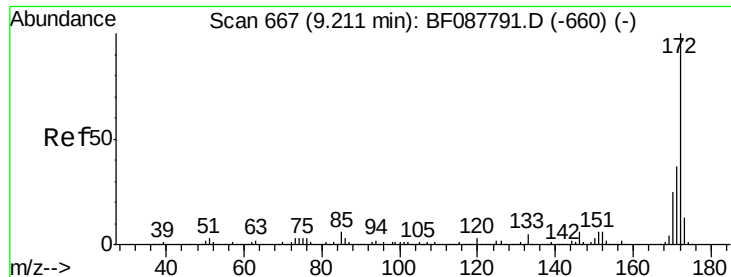
#41
 2,4,6-Tribromophenol
 Concen: 5.14 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088291.D
 Acq: 23 Jun 2016 12:47

Tgt Ion:330 Resp: 7307
 Ion Ratio Lower Upper
 330 100
 332 99.6 0.0 0.0#
 141 43.3 0.0 0.0#



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

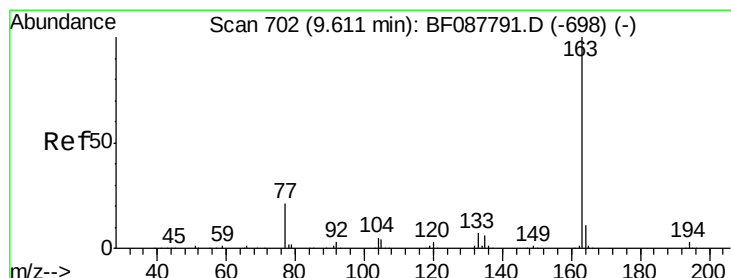
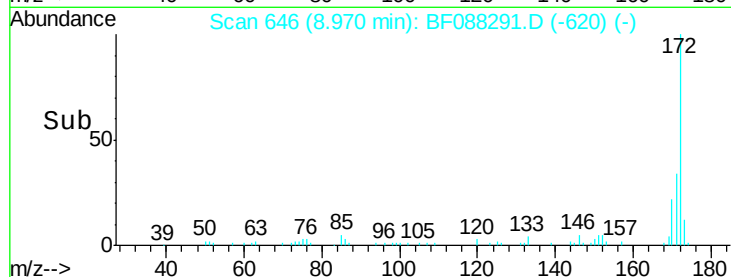
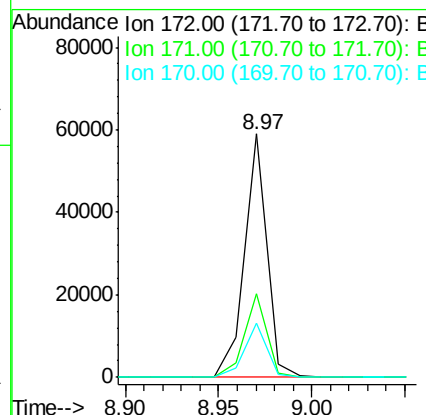
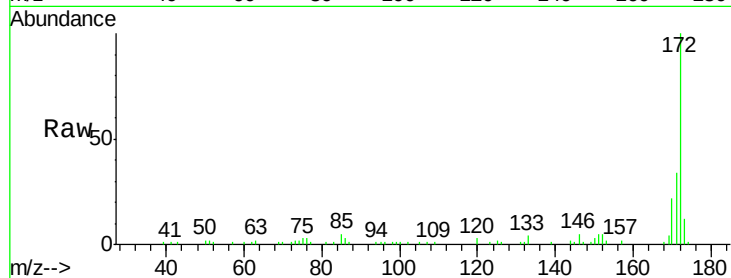




#44
2-Fluorobiphenyl
Concen: 4.73 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

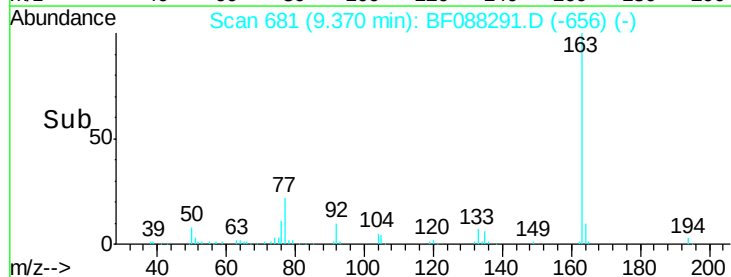
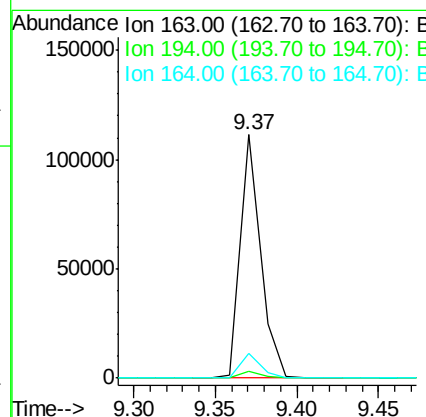
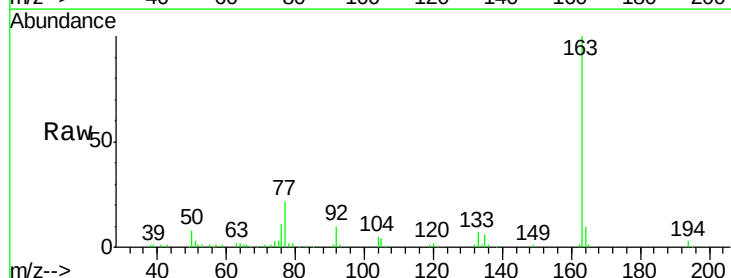
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LF001MW003-160512

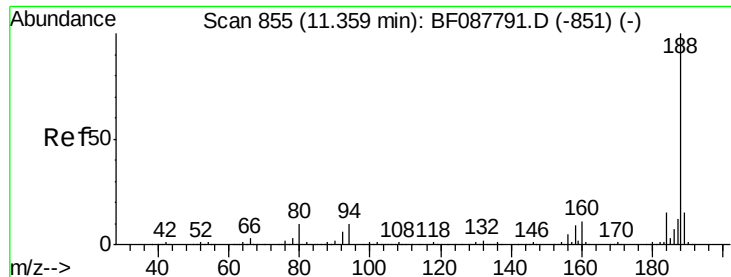
Tot Ion:172 Resp: 49754
Ion Ratio Lower Upper
172 100
171 34.4 28.6 43.0
170 22.4 19.2 28.8



#49
Dimethylphthalate
Concen: 9.75 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion:163 Resp: 95086
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.4 8.3 12.5

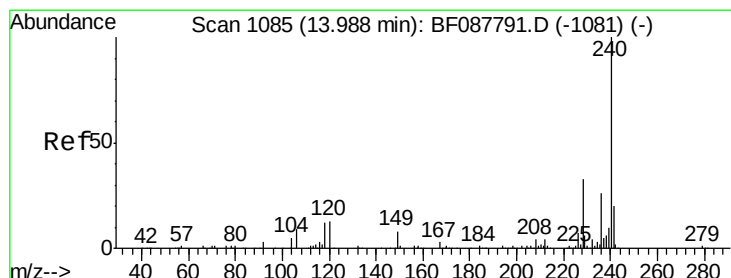
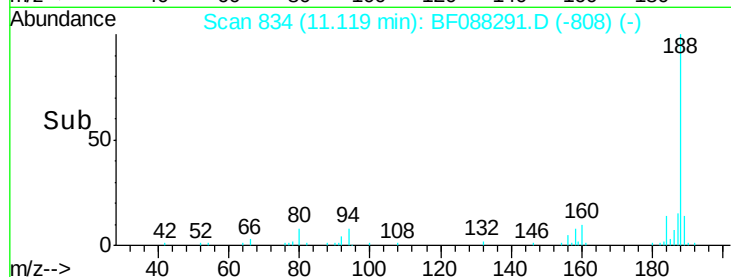
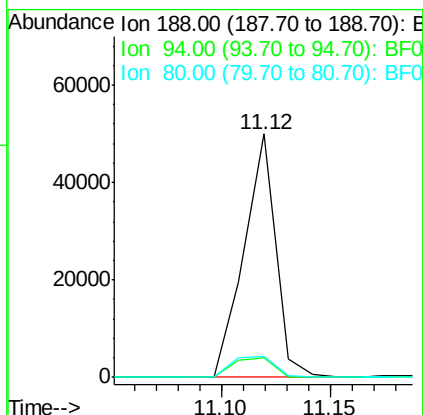
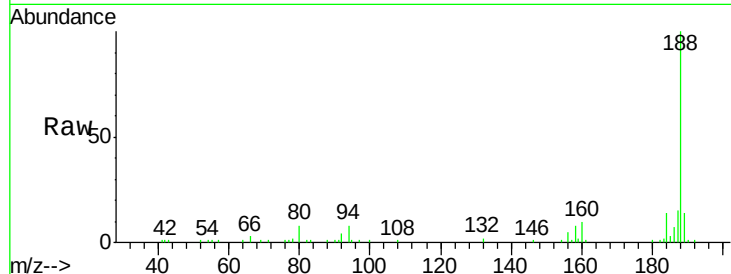




#63
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF088291.D
 Acq: 23 Jun 2016 12:47

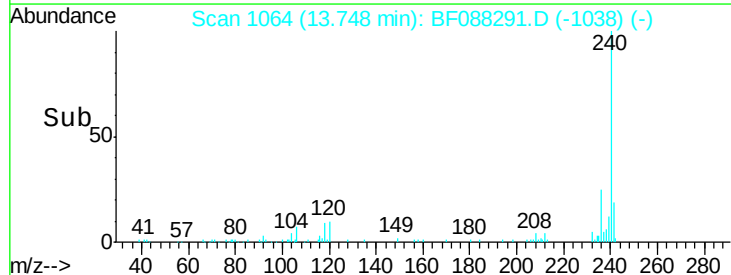
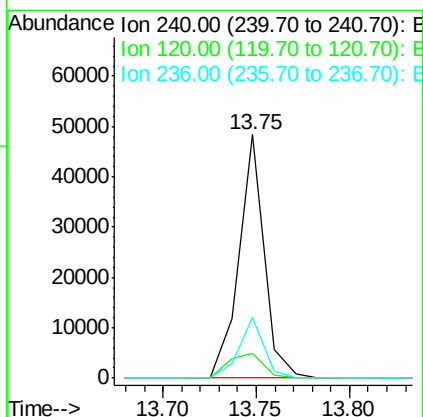
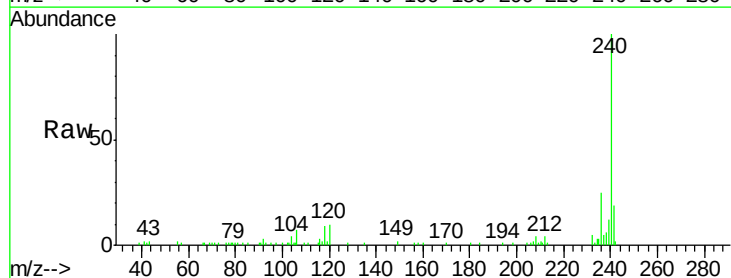
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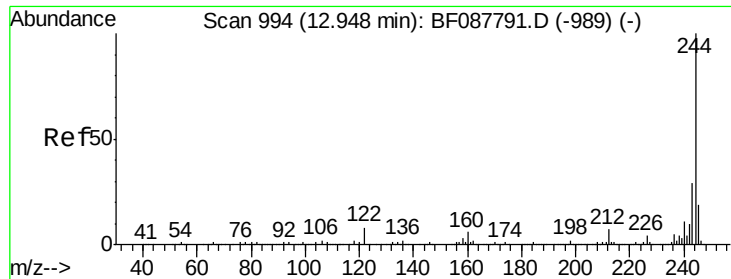
Tot Ion:188 Resp: 50702
 Ion Ratio Lower Upper
 188 100
 94 7.9 9.0 13.6#
 80 8.3 10.0 15.0#



#75
 Chrysene-d12
 Concen: 5.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF088291.D
 Acq: 23 Jun 2016 12:47

Tgt Ion:240 Resp: 45714
 Ion Ratio Lower Upper
 240 100
 120 10.1 6.8 10.2
 236 24.9 20.2 30.2

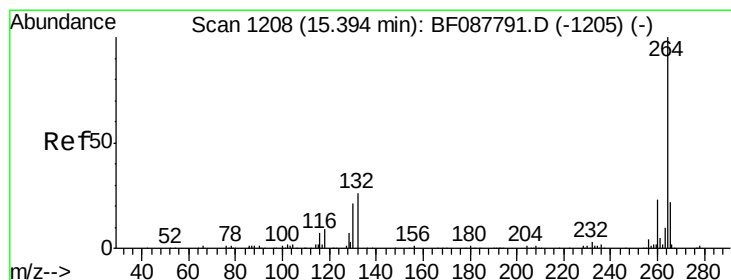
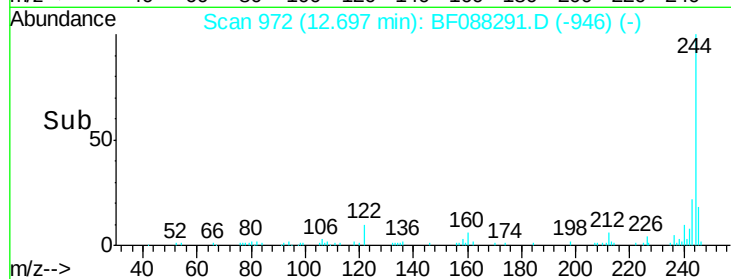
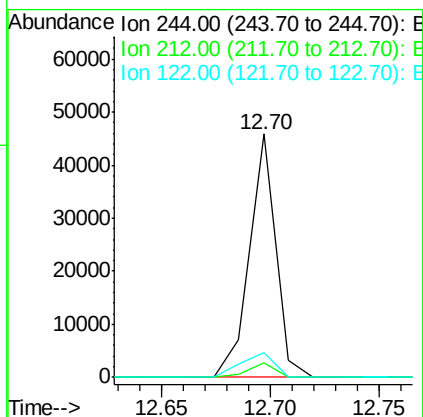
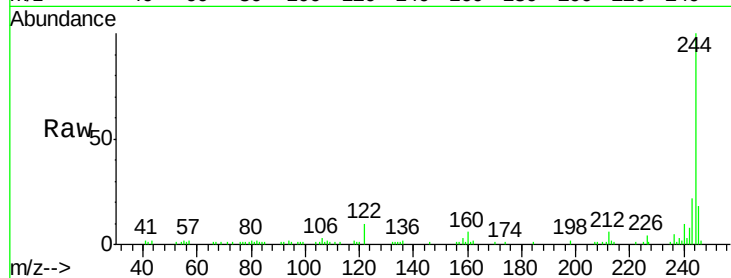




#78
 Terphenyl-d14
 Concen: 4.81 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088291.D
 Acq: 23 Jun 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW003-160512

Tot Ion:244 Resp: 38629
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.0 9.0
 122 10.3 11.2 16.8#



#86
 Perylene-d12
 Concen: 5.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088291.D
 Acq: 23 Jun 2016 12:47

Tgt Ion:264 Resp: 36695
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.2 16.9 25.3

