

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084366.D
 Acq On : 10 Jan 2016 15:52
 Operator : SJ/UM
 Sample : H1043-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3COMP

Quant Time: Jan 11 05:44:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

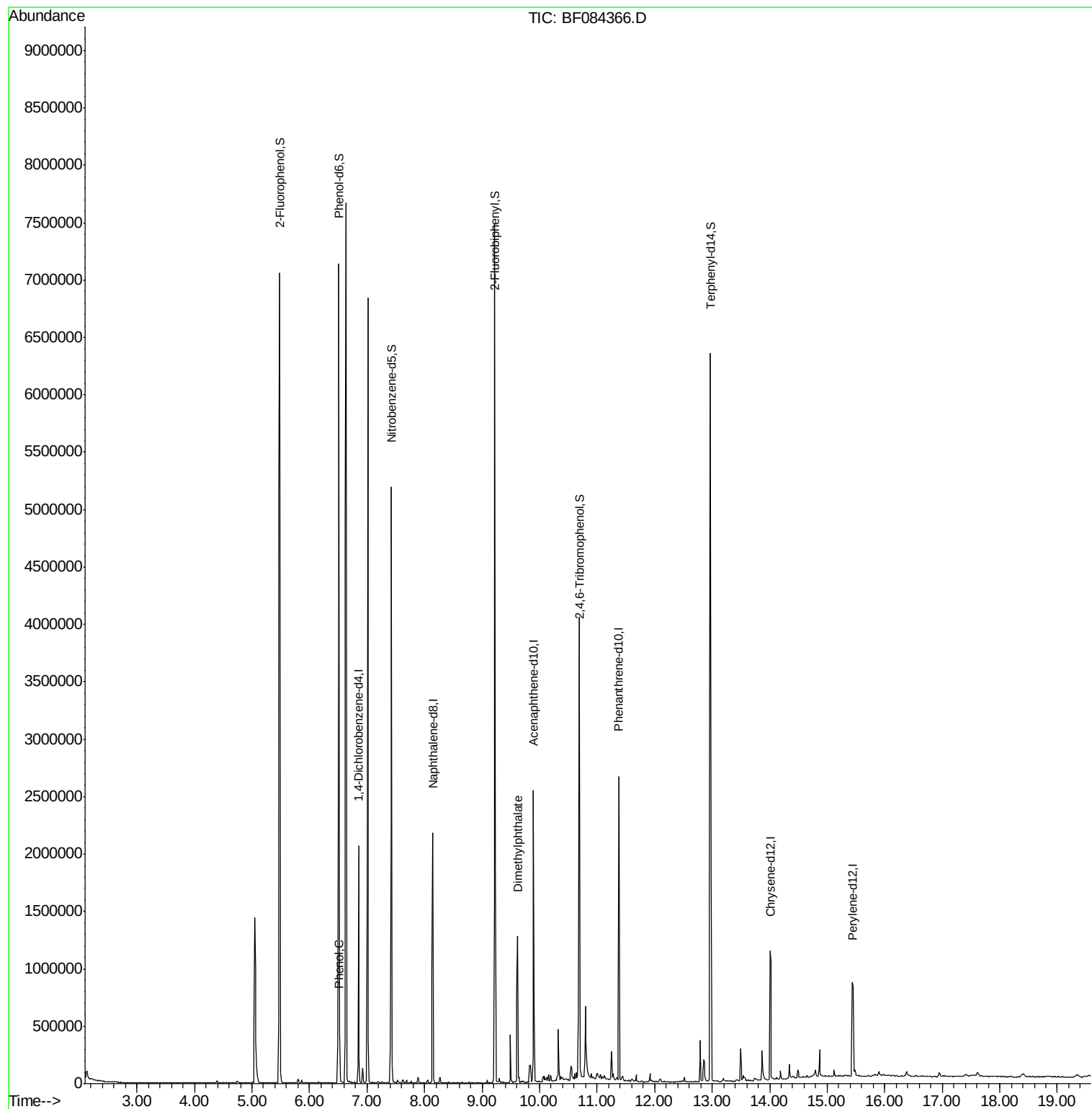
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	256860	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1085669	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	481333	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	875541	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	562910	20.00	ng	-0.05
86) Perylene-d12	15.45	264	472909	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2344534	147.64	ng	-0.01
7) Phenol-d6	6.51	99	2545715	127.64	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1779216	91.21	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	756836	155.74	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2400977	87.97	ng	-0.04
78) Terphenyl-d14	12.97	244	2139625	84.85	ng	-0.05
Target Compounds						
10) Phenol	6.52	94	57964	2.56	ng	Qvalue 83
49) Dimethylphthalate	9.62	163	658508	19.14	ng	# 91

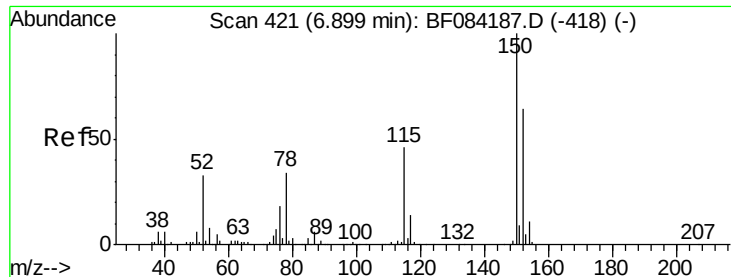
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

Instrument :

BNA_F

ClientSampleId :

SB-3COMP

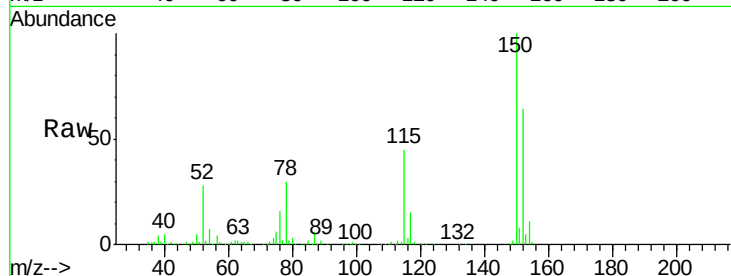
Tot Ion:152 Resp: 256860

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

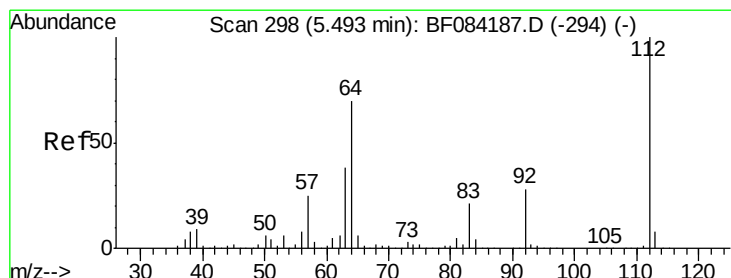
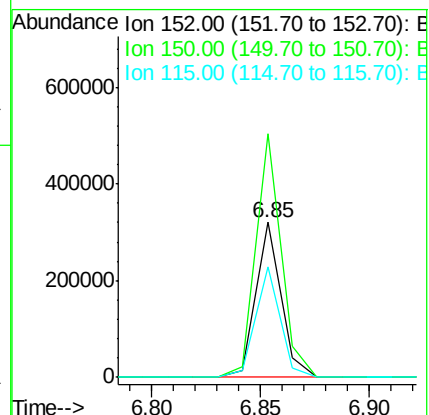
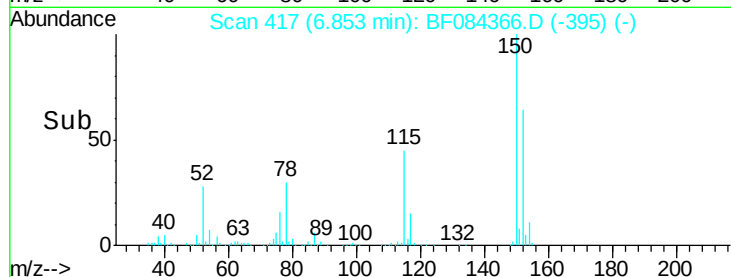
115 71.1 51.4 77.2



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: 147.64 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

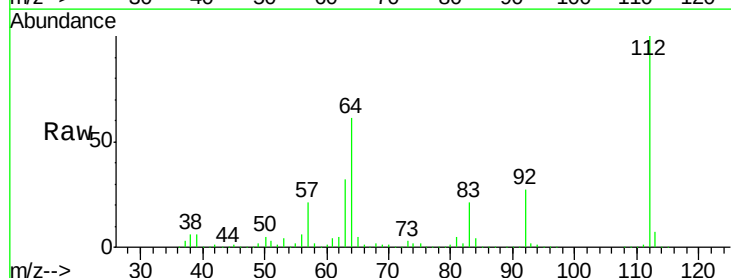
Tgt Ion:112 Resp: 2344534

Ion Ratio Lower Upper

112 100

64 60.8 36.6 55.0#

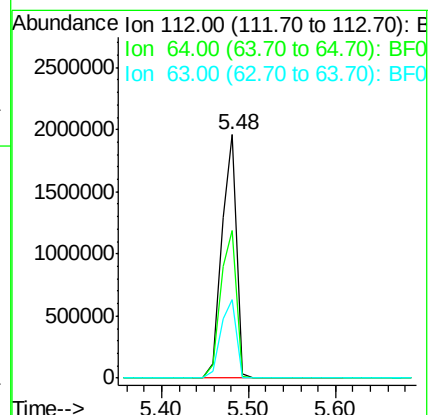
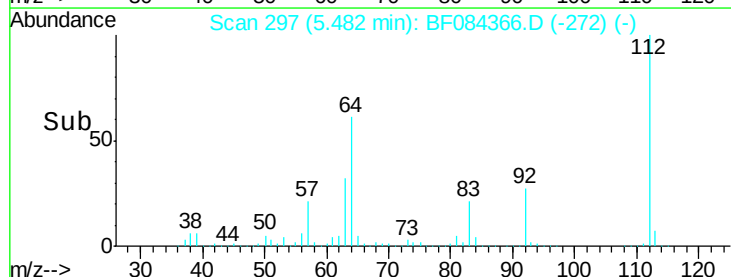
63 32.4 19.4 29.0#

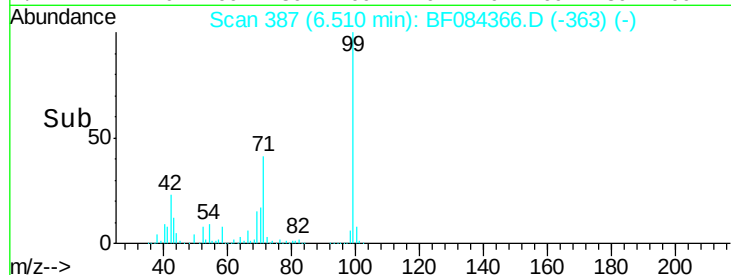
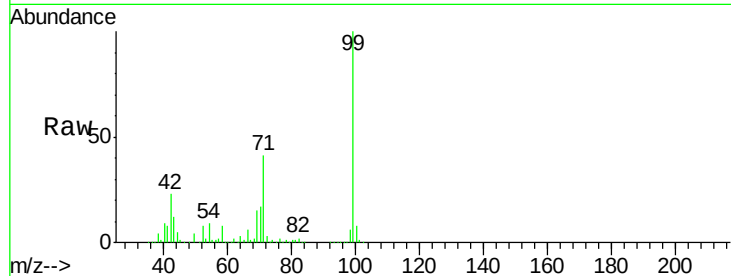
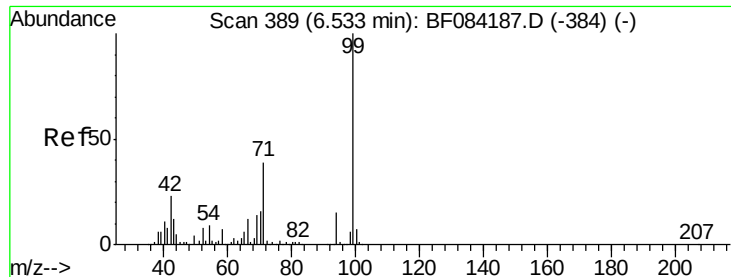


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.64 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

Instrument :

BNA_F

ClientSampleId :

SB-3COMP

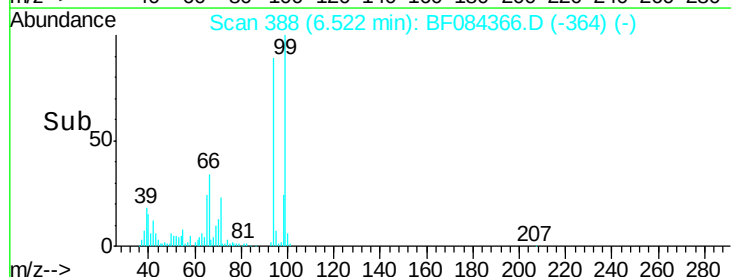
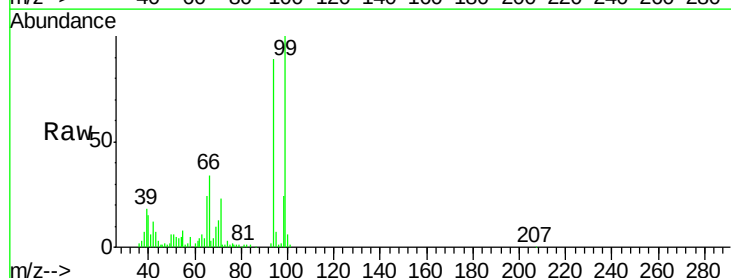
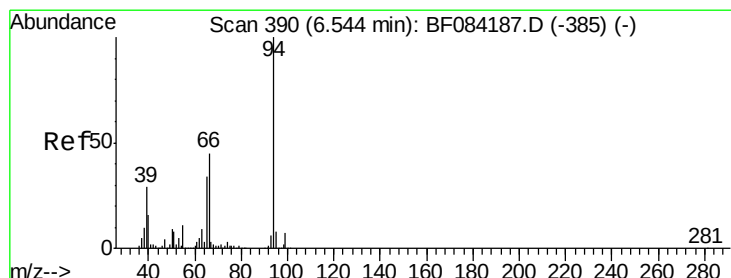
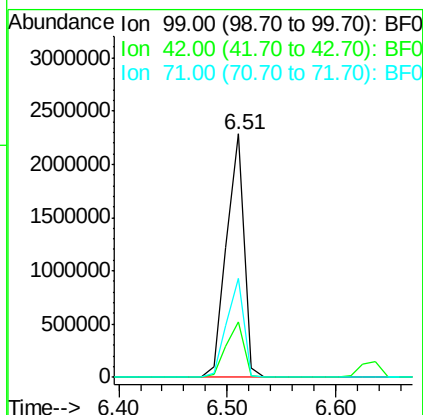
Tot Ion: 99 Resp: 2545715

Ion Ratio Lower Upper

99 100

42 22.9 12.8 19.2#

71 40.9 30.9 46.3



#10

Phenol

Concen: 2.56 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

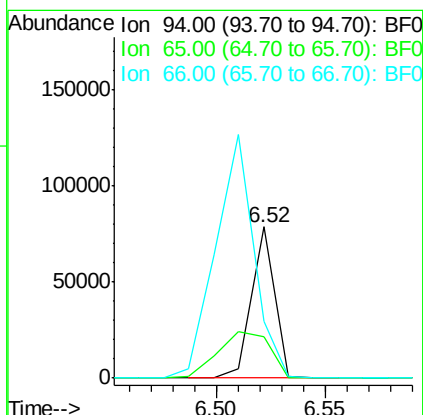
Tgt Ion: 94 Resp: 57964

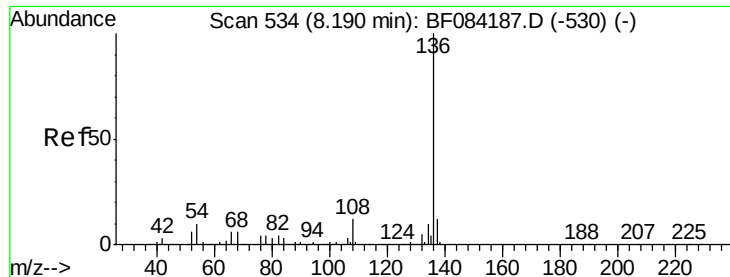
Ion Ratio Lower Upper

94 100

65 27.2 12.9 52.9

66 37.5 32.7 72.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

Instrument :

BNA_F

ClientSampleId :

SB-3COMP

Tot Ion:136 Resp: 1085669

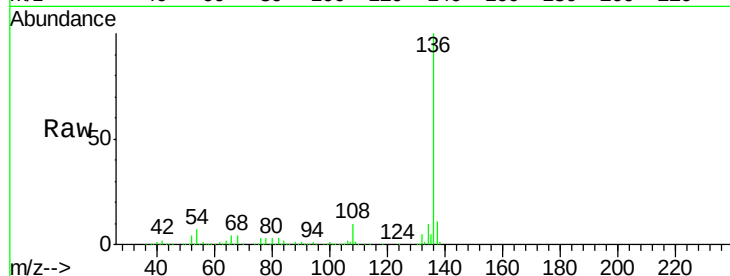
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.2 5.8 8.8

68 3.9 4.2 6.2#

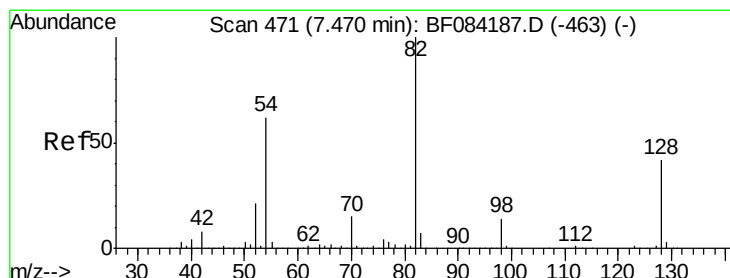
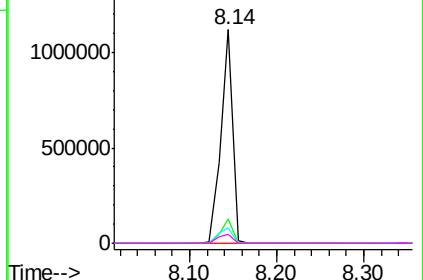
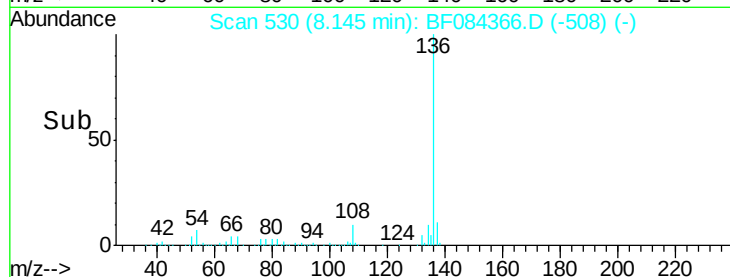


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.21 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

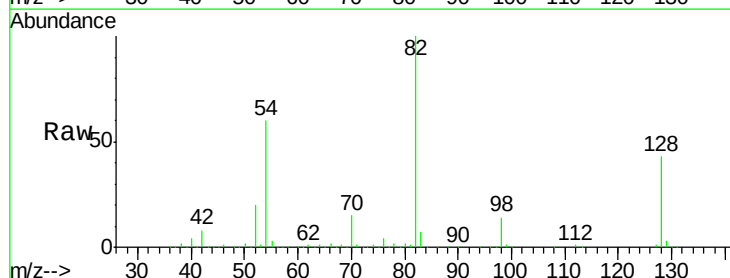
Tgt Ion: 82 Resp: 1779216

Ion Ratio Lower Upper

82 100

128 43.4 34.6 51.8

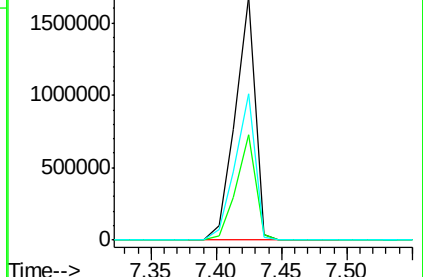
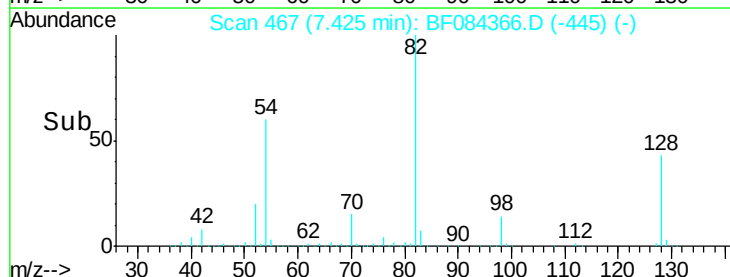
54 60.2 38.4 57.6#

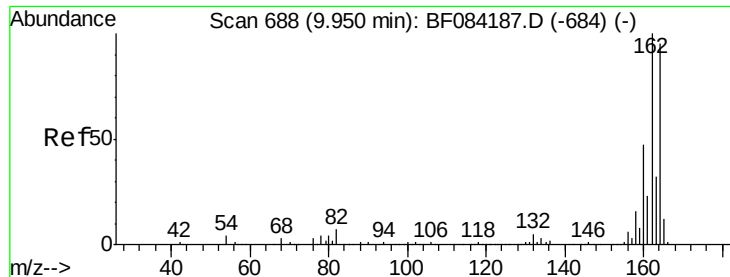


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 683

Delta R.T. -0.06 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

Instrument :

BNA_F

ClientSampleId :

SB-3COMP

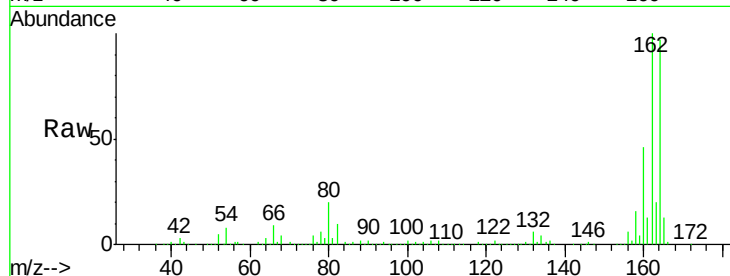
Tot Ion:164 Resp: 481333

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

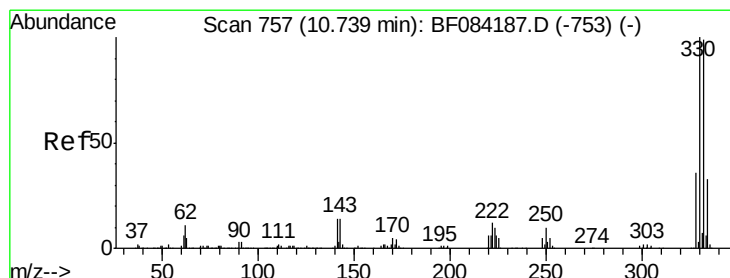
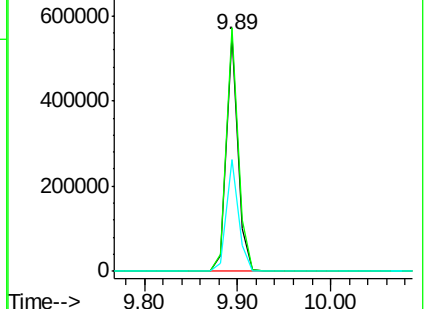
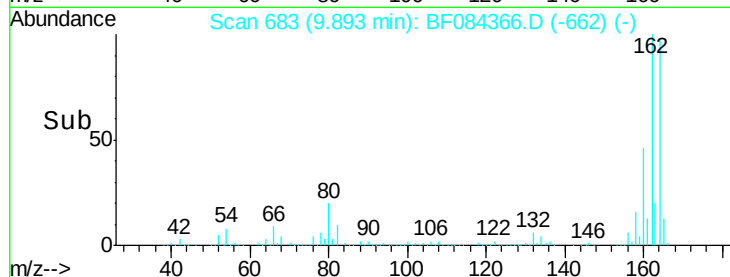
160 47.3 37.5 56.3



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: 155.74 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

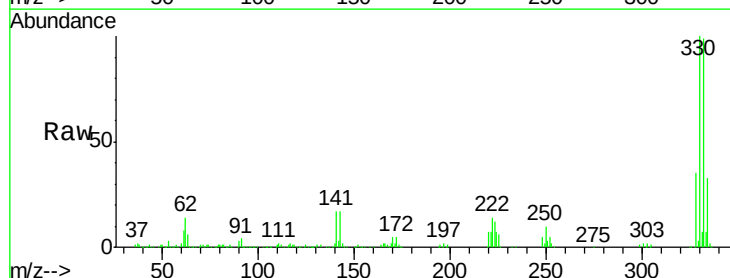
Tgt Ion:330 Resp: 756836

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

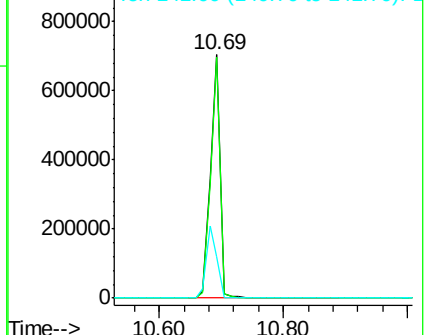
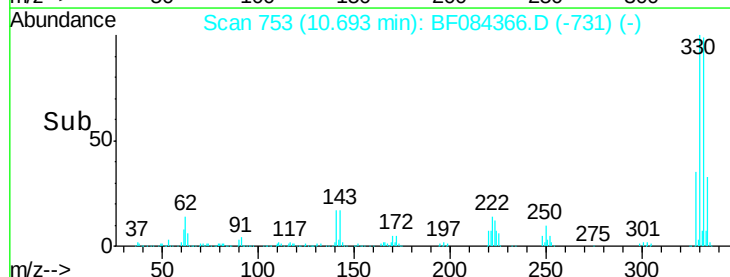
141 33.0 27.8 41.6

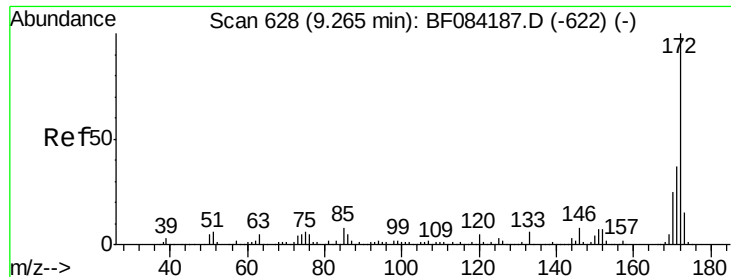


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

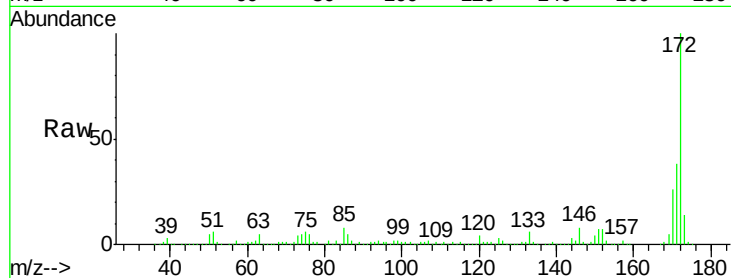




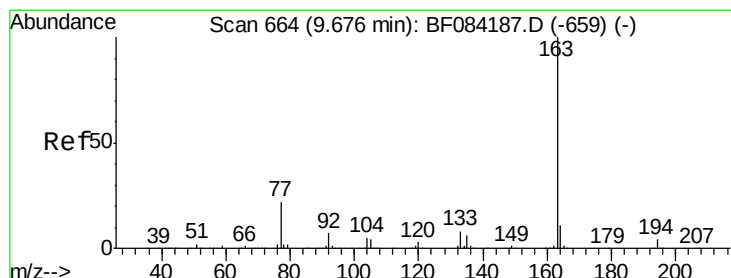
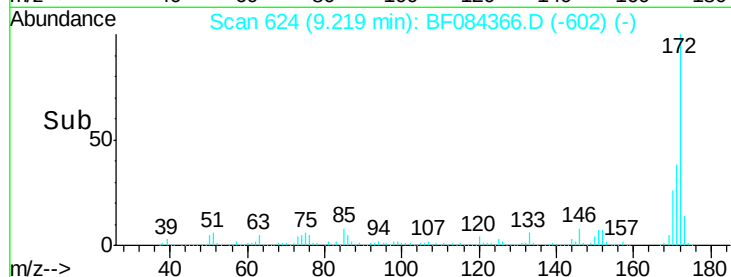
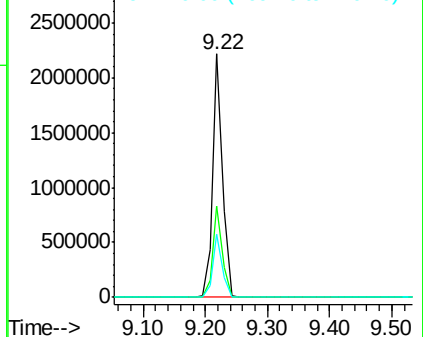
#44
2-Fluorobiphenyl
Concen: 87.97 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tot Ion:172 Resp: 2400977
Ion Ratio Lower Upper
172 100
171 37.7 28.9 43.3
170 26.1 18.6 27.8

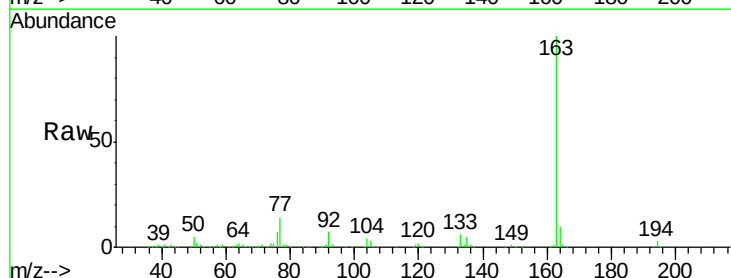


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

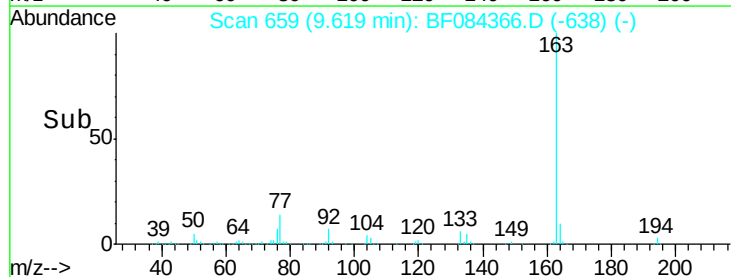
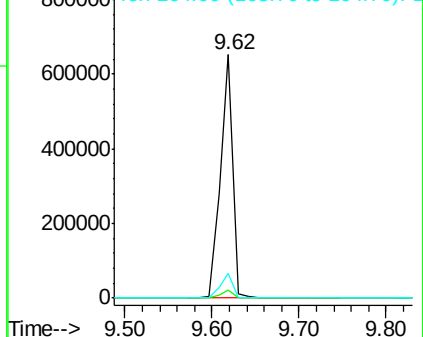


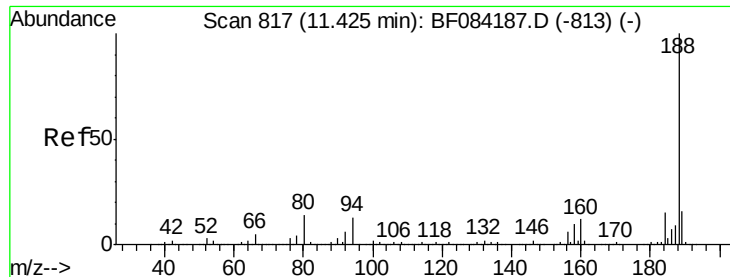
#49
Dimethylphthalate
Concen: 19.14 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:163 Resp: 658508
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 9.9 8.0 12.0



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

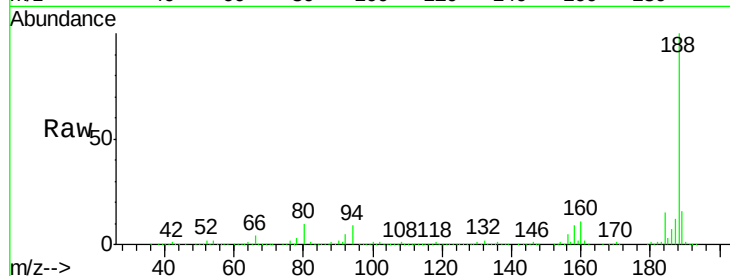




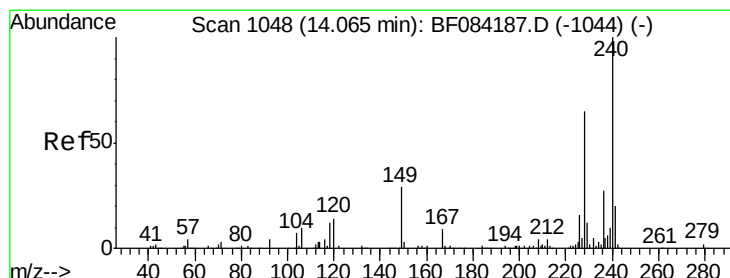
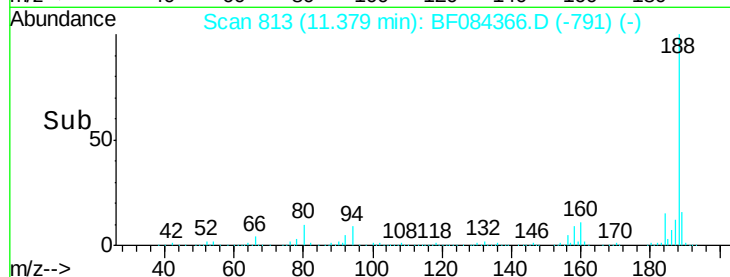
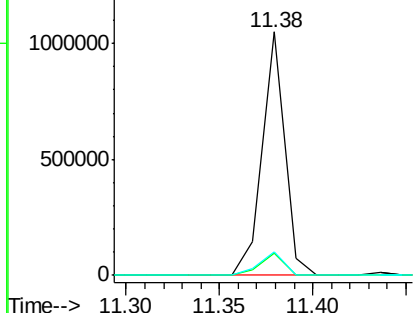
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084366.D
 Acq: 10 Jan 2016 15:52

Instrument :
 BNA_F
 ClientSampleID :
 SB-3COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.7	9.6	14.4

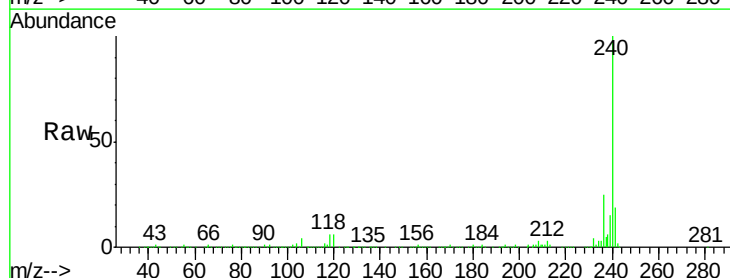


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

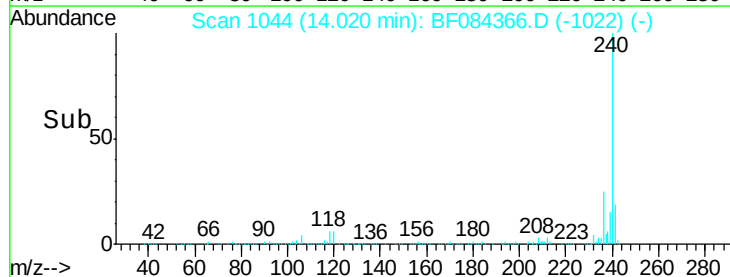
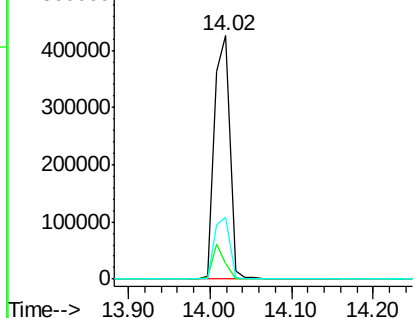


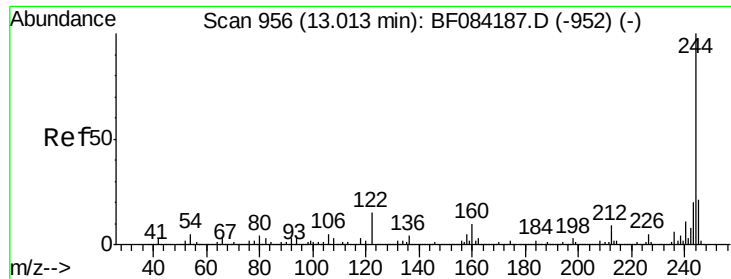
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.05 min
 Lab File: BF084366.D
 Acq: 10 Jan 2016 15:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	9.5	14.3#
236	25.4	20.6	31.0



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

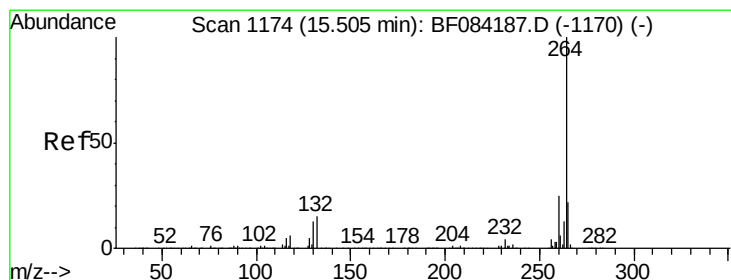
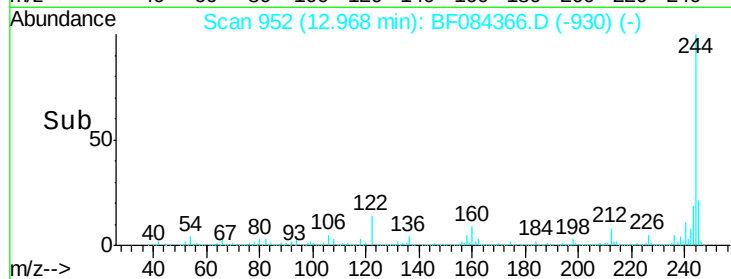
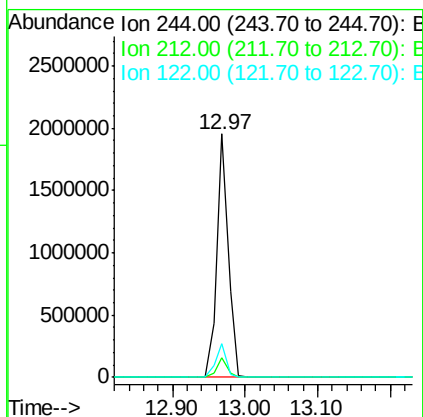
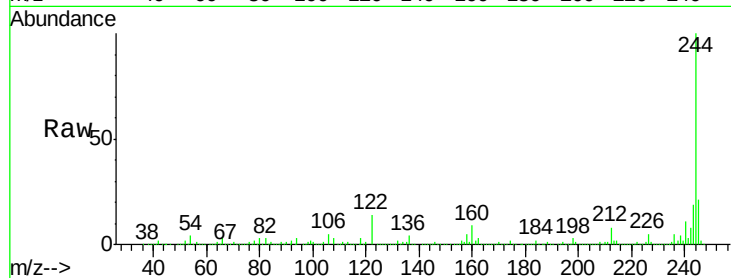




#78
 Terphenyl-d14
 Concen: 84.85 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084366.D
 Acq: 10 Jan 2016 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3COMP

Tot Ion:244 Resp: 2139625
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.0 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084366.D
 Acq: 10 Jan 2016 15:52

Tgt Ion:264 Resp: 472909
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.8 17.8 26.6

