

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090667.D
 Acq On : 20 Oct 2016 00:13
 Operator : UM/SJ
 Sample : PB94179BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BL

Quant Time: Oct 20 01:05:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

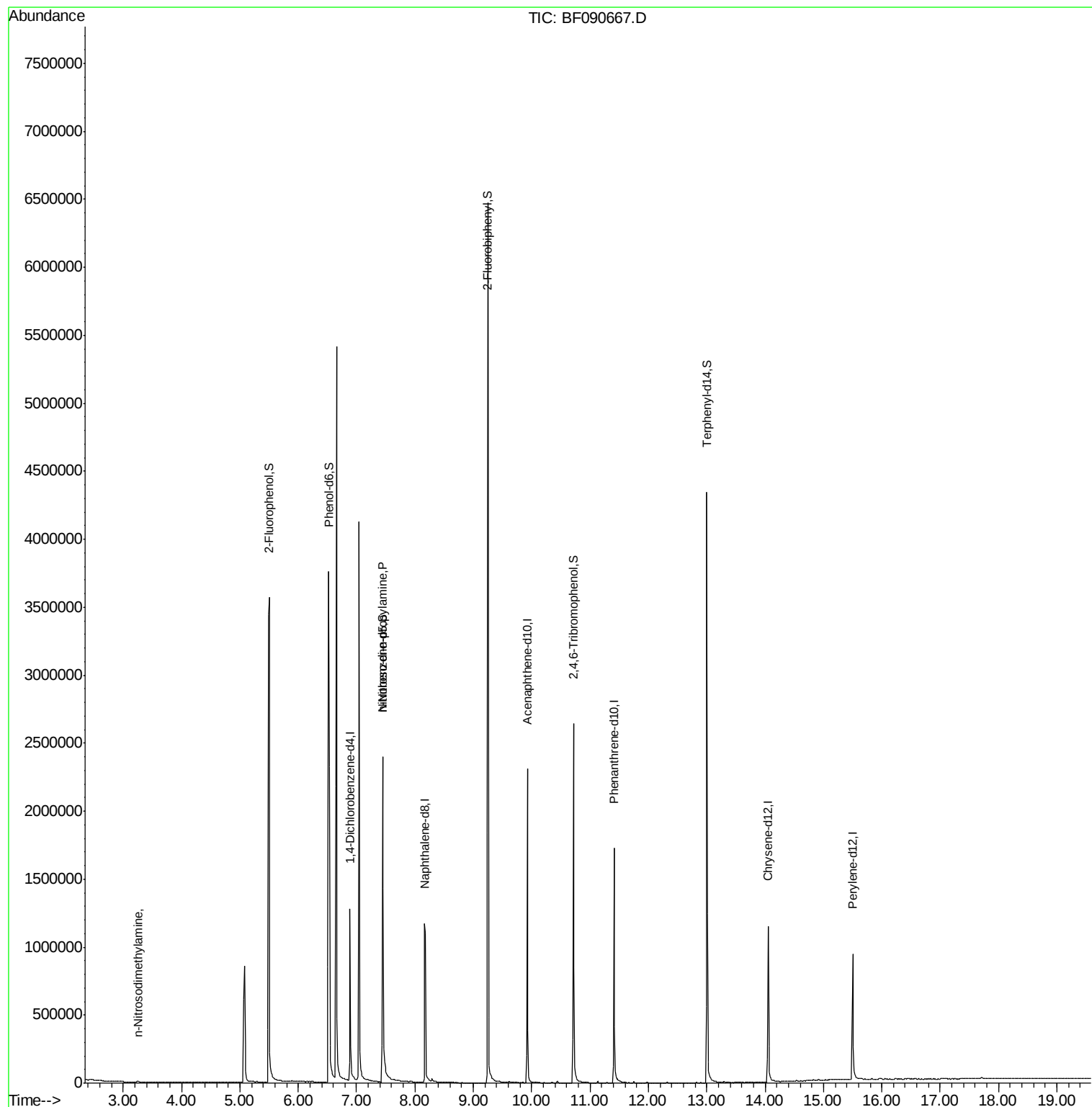
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	206493	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	871246	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	451321	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	666261	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	445422	20.00	ng	-0.01
86) Perylene-d12	15.50	264	440849	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1580683	140.33	ng	0.01
7) Phenol-d6	6.52	99	2002137	119.62	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1230114	78.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	318318	79.11	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2060633	75.23	ng	-0.01
78) Terphenyl-d14	13.00	244	1529326	79.94	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.25	42	457	7.25	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	138365	12.06	ng	# 80

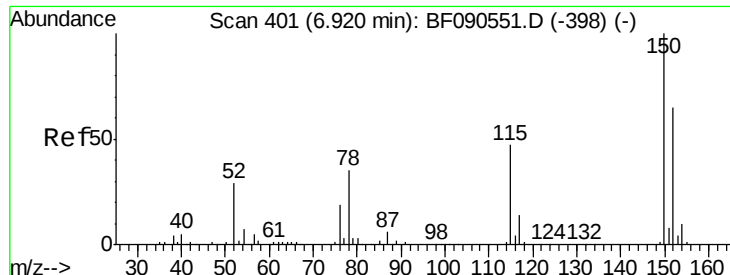
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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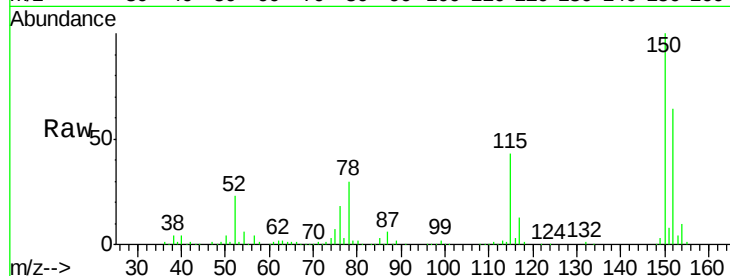




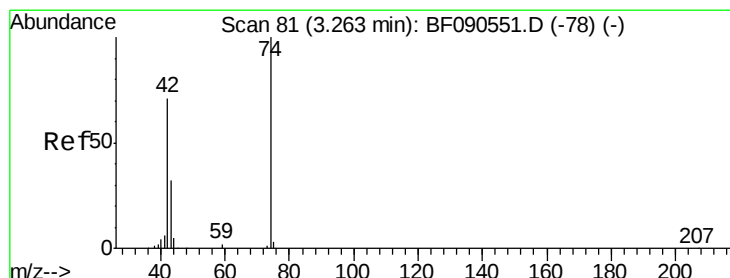
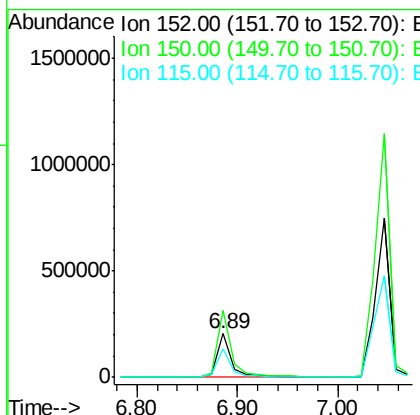
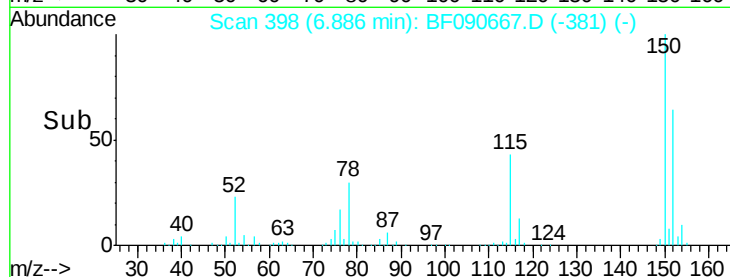
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BL

Tgt Ion: 152 Resp: 206493
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.2 190.8
 115 66.3 58.6 88.0

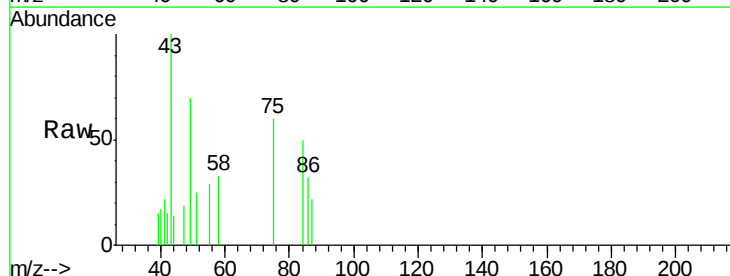


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

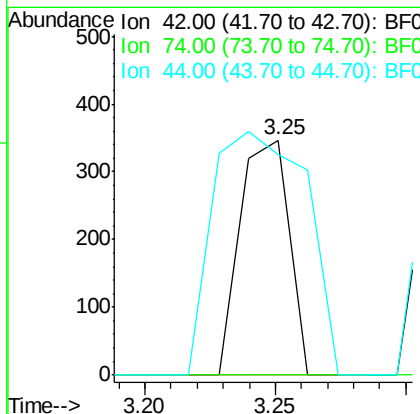
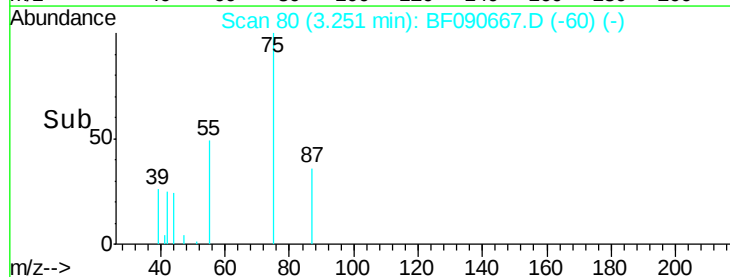


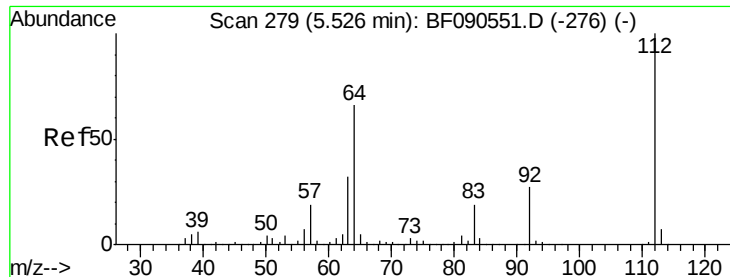
#4
 n-Nitrosodimethylamine
 Concen: 7.25 ng
 RT: 3.25 min Scan# 80
 Delta R.T. 0.03 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

Tgt Ion: 42 Resp: 457
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.3 169.9#
 44 93.7 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 140.33 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF090667.D

Acq: 20 Oct 2016 00:13

Instrument :

BNA_F

ClientSampleId :

PB94179BL

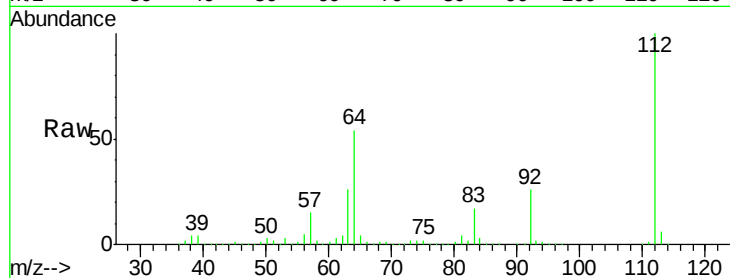
Tgt Ion: 112 Resp: 1580683

Ion Ratio Lower Upper

112 100

64 53.8 52.6 78.8

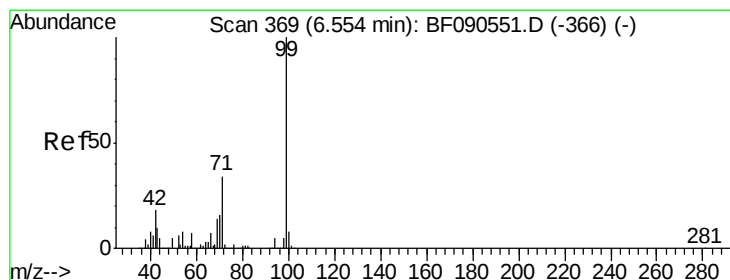
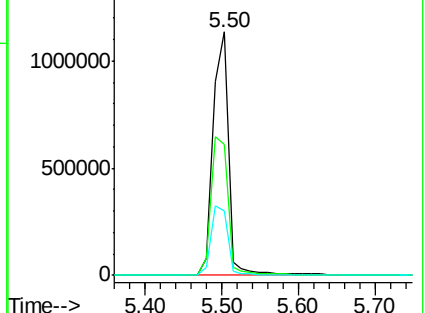
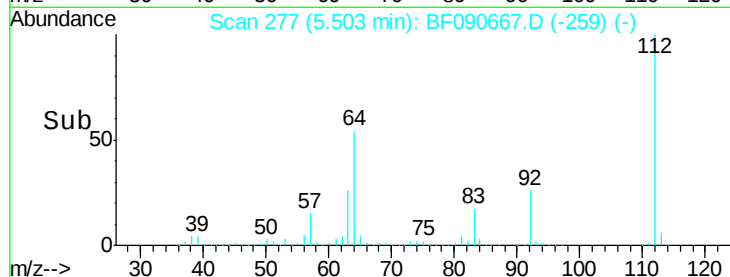
63 26.4 26.0 39.0



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: 119.62 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090667.D

Acq: 20 Oct 2016 00:13

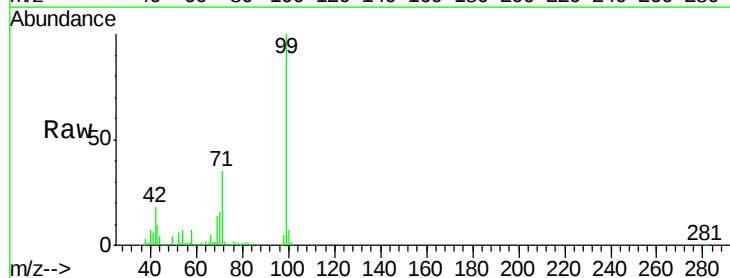
Tgt Ion: 99 Resp: 2002137

Ion Ratio Lower Upper

99 100

42 17.7 14.7 22.1

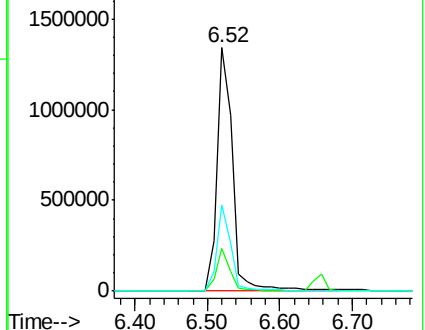
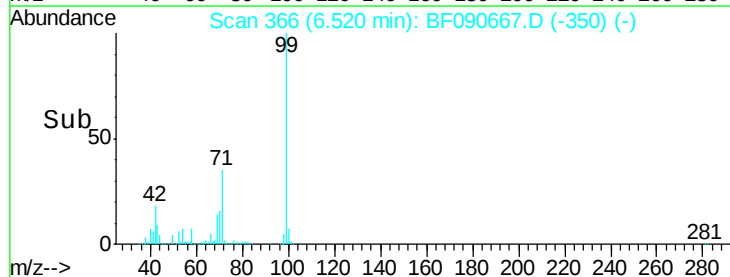
71 35.1 27.6 41.4

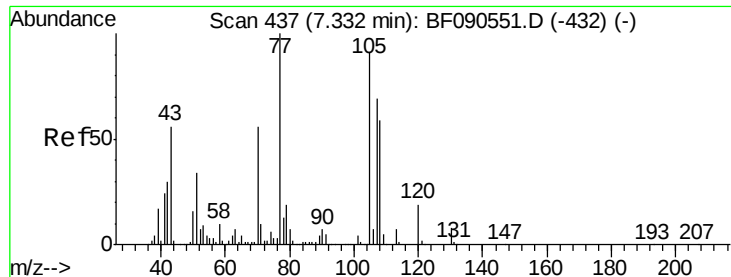


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

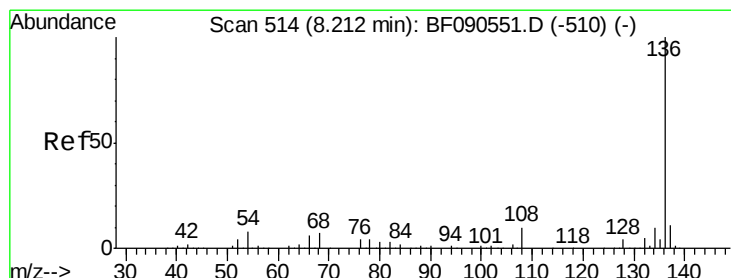
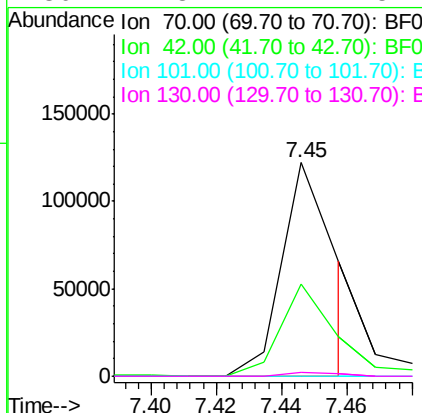
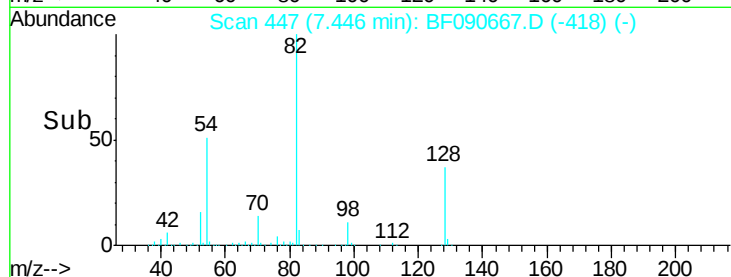
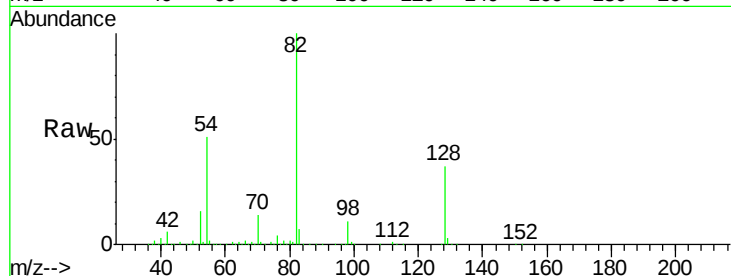




#19
n-Nitroso-di-n-propylamine
Concen: 12.06 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF090667.D
Acq: 20 Oct 2016 00:13

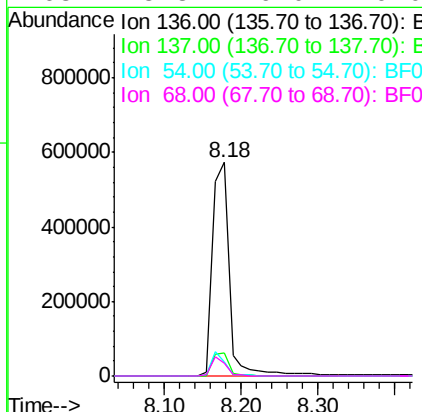
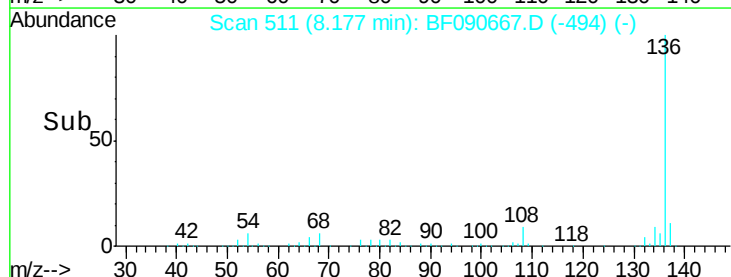
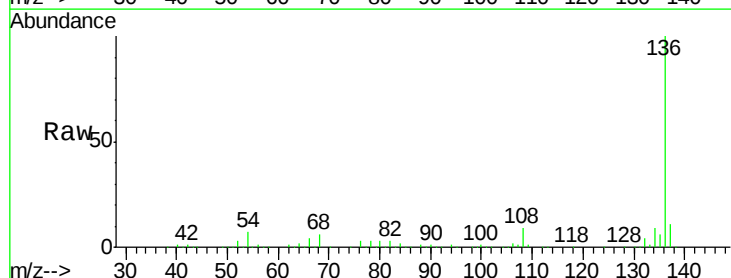
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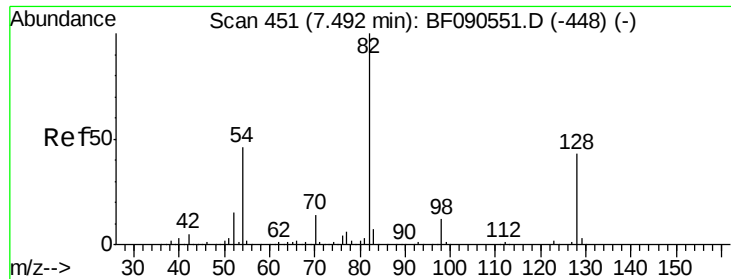
Tgt Ion: 70 Resp: 138365
Ion Ratio Lower Upper
70 100
42 43.0 43.4 65.0#
101 0.0 6.4 9.6#
130 1.8 12.1 18.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF090667.D
Acq: 20 Oct 2016 00:13

Tgt Ion: 136 Resp: 871246
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.6 6.8 10.2#
68 5.8 6.0 9.0#

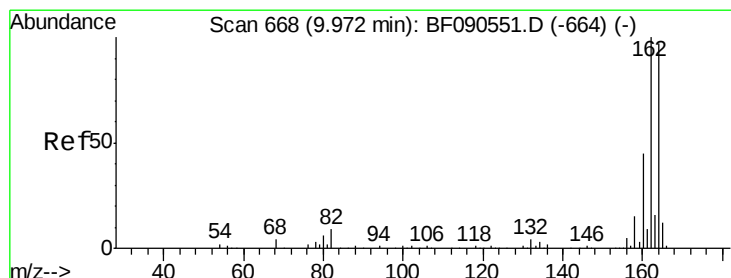
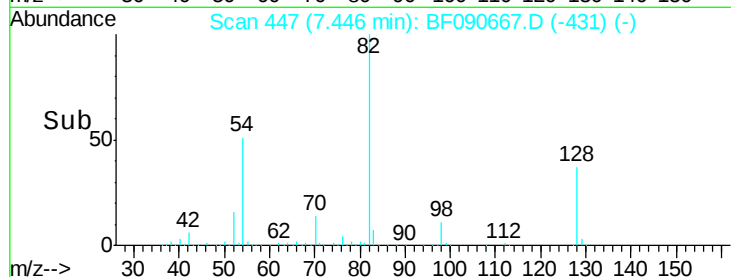
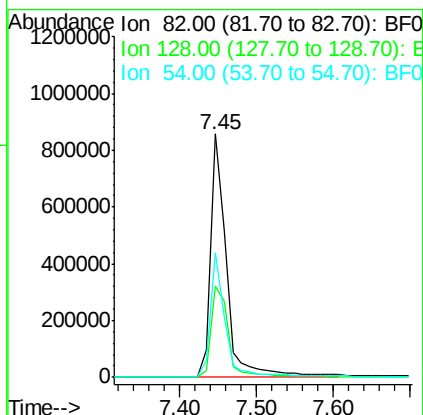
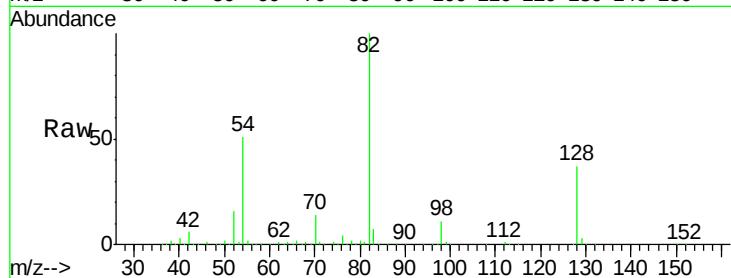




#23
 Nitrobenzene-d5
 Concen: 78.43 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

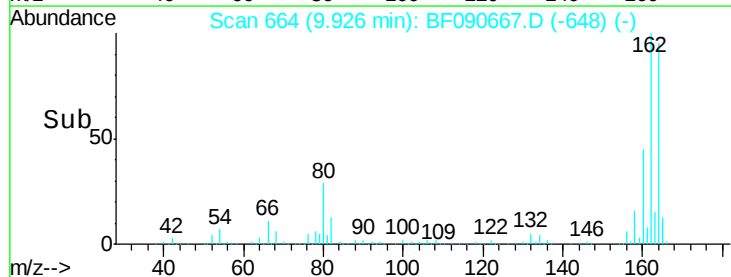
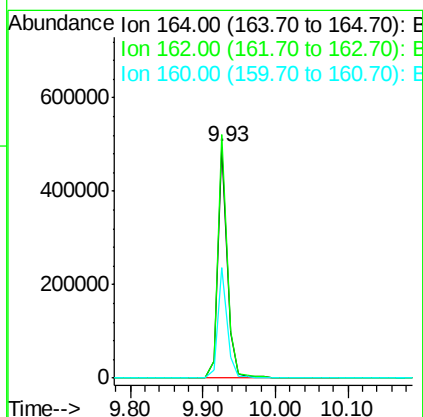
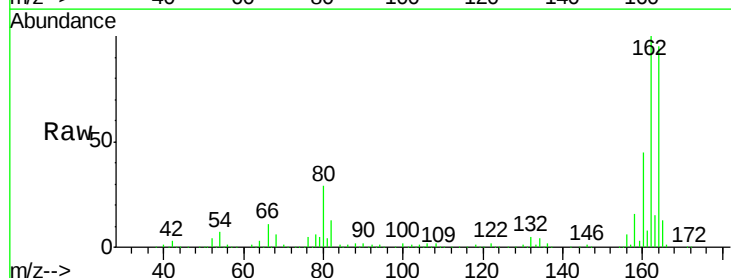
Instrument :
 BNA_F
 ClientSampleID :
 PB94179BL

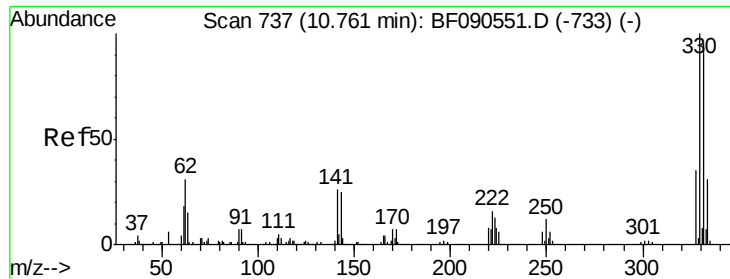
Tgt Ion: 82 Resp: 1230114
 Ion Ratio Lower Upper
 82 100
 128 37.3 34.3 51.5
 54 51.4 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

Tgt Ion: 164 Resp: 451321
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.2 123.4
 160 47.6 36.6 55.0

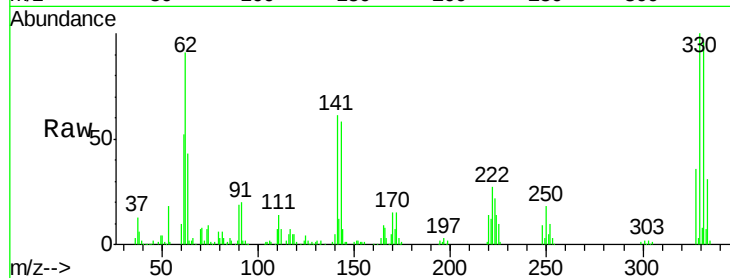




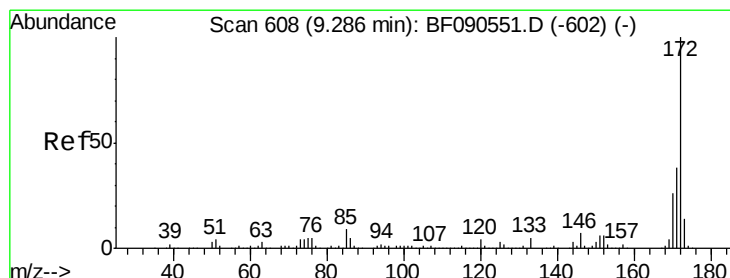
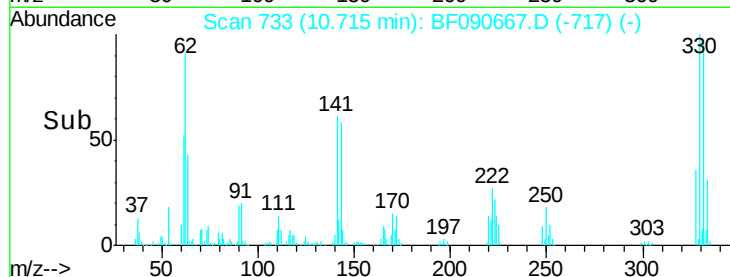
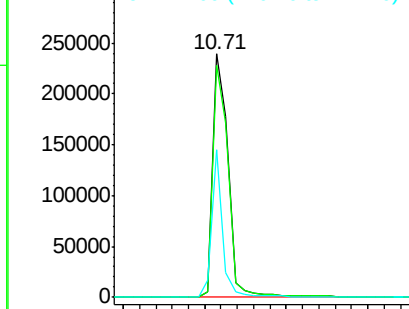
#41
 2,4,6-Tribromophenol
 Concen: 79.11 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BL

Tgt Ion:330 Resp: 318318
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.2
 141 44.1 31.4 47.2

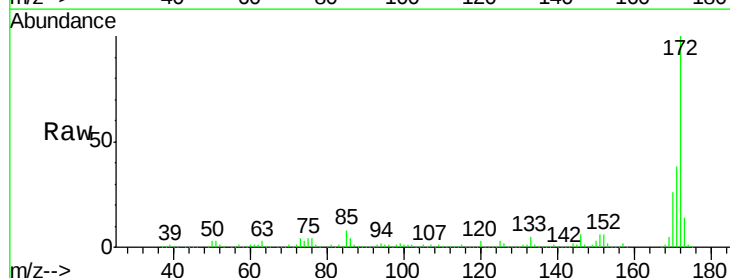


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

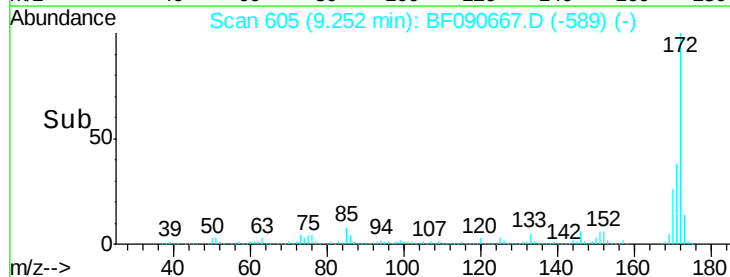
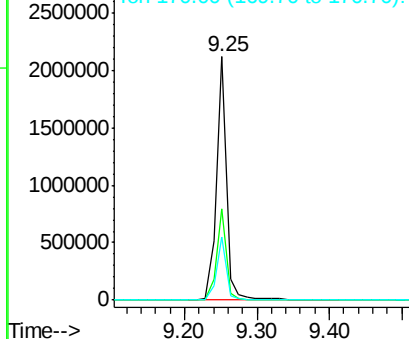


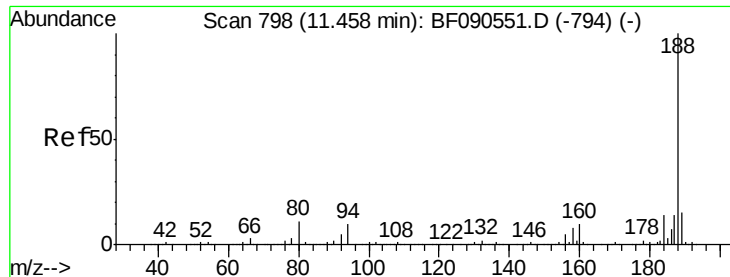
#44
 2-Fluorobiphenyl
 Concen: 75.23 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

Tgt Ion:172 Resp: 2060633
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.1 45.1
 170 26.0 20.6 30.8



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

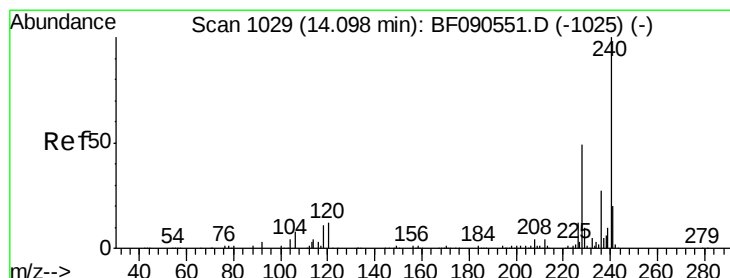
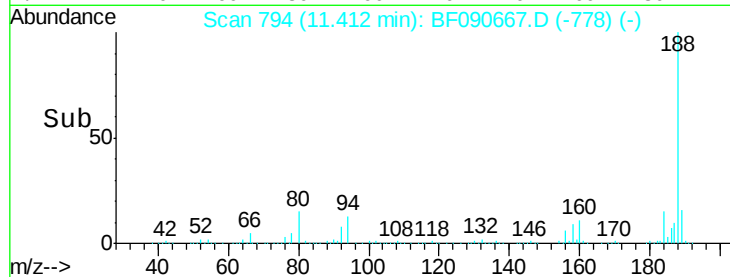
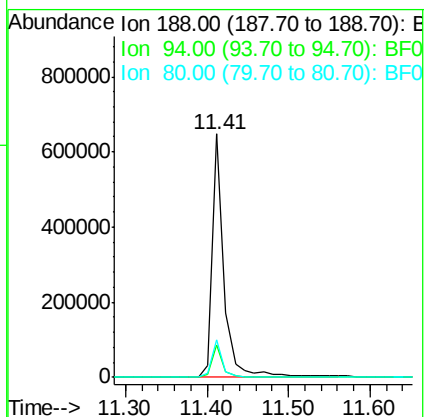
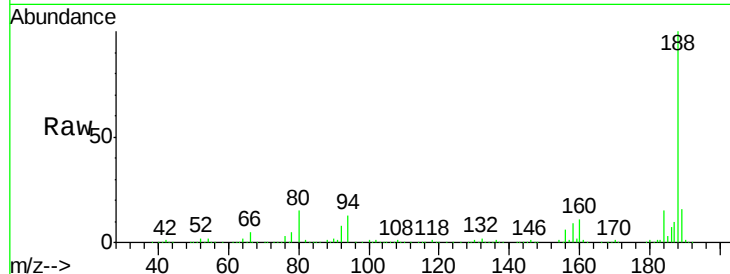




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090667.D
Acq: 20 Oct 2016 00:13

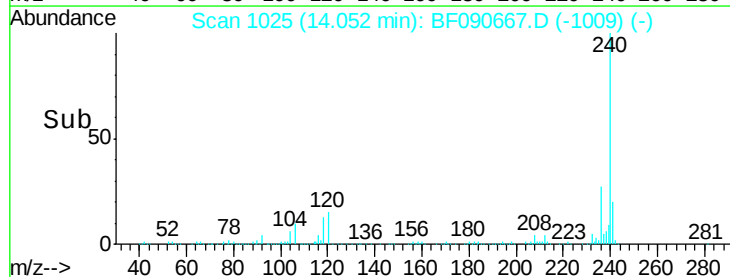
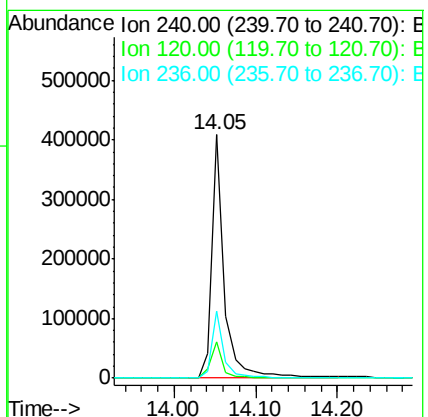
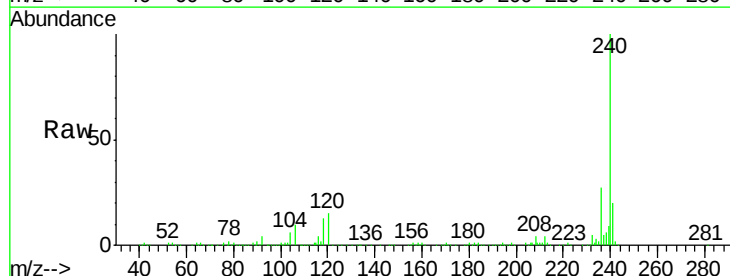
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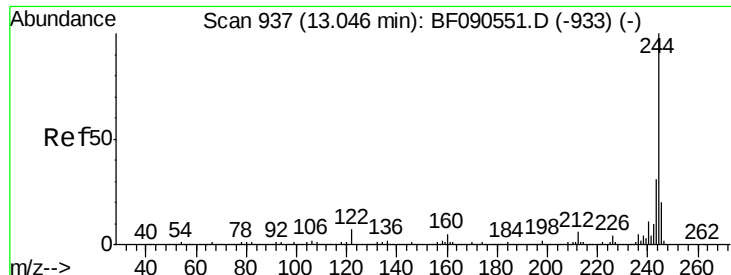
Tgt Ion:188 Resp: 666261
Ion Ratio Lower Upper
188 100
94 13.4 7.7 11.5#
80 15.5 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090667.D
Acq: 20 Oct 2016 00:13

Tgt Ion:240 Resp: 445422
Ion Ratio Lower Upper
240 100
120 14.9 9.8 14.8#
236 27.3 21.7 32.5

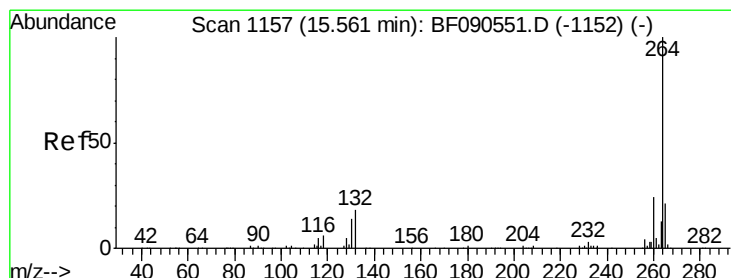
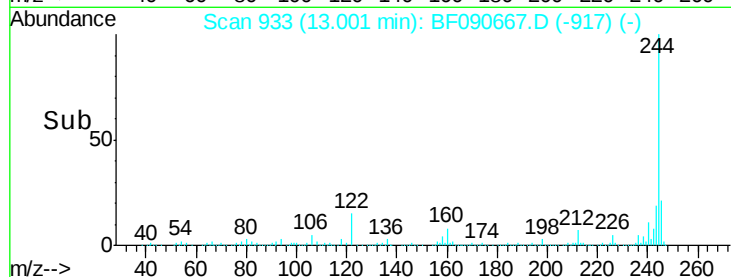
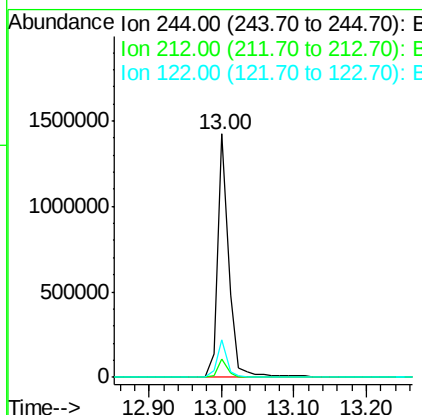
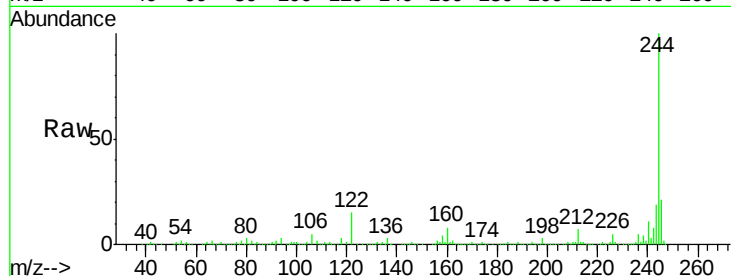




#78
 Terphenyl-d14
 Concen: 79.94 ng
 RT: 13.00 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BL

Tgt Ion:244 Resp: 1529326
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.4
 122 15.3 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

Tgt Ion:264 Resp: 440849
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.3 16.7 25.1

