

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087761.D
 Acq On : 6 Jun 2016 19:48
 Operator : UM/SJ
 Sample : H3356-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B4(0-5)C

Quant Time: Jun 07 01:15:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

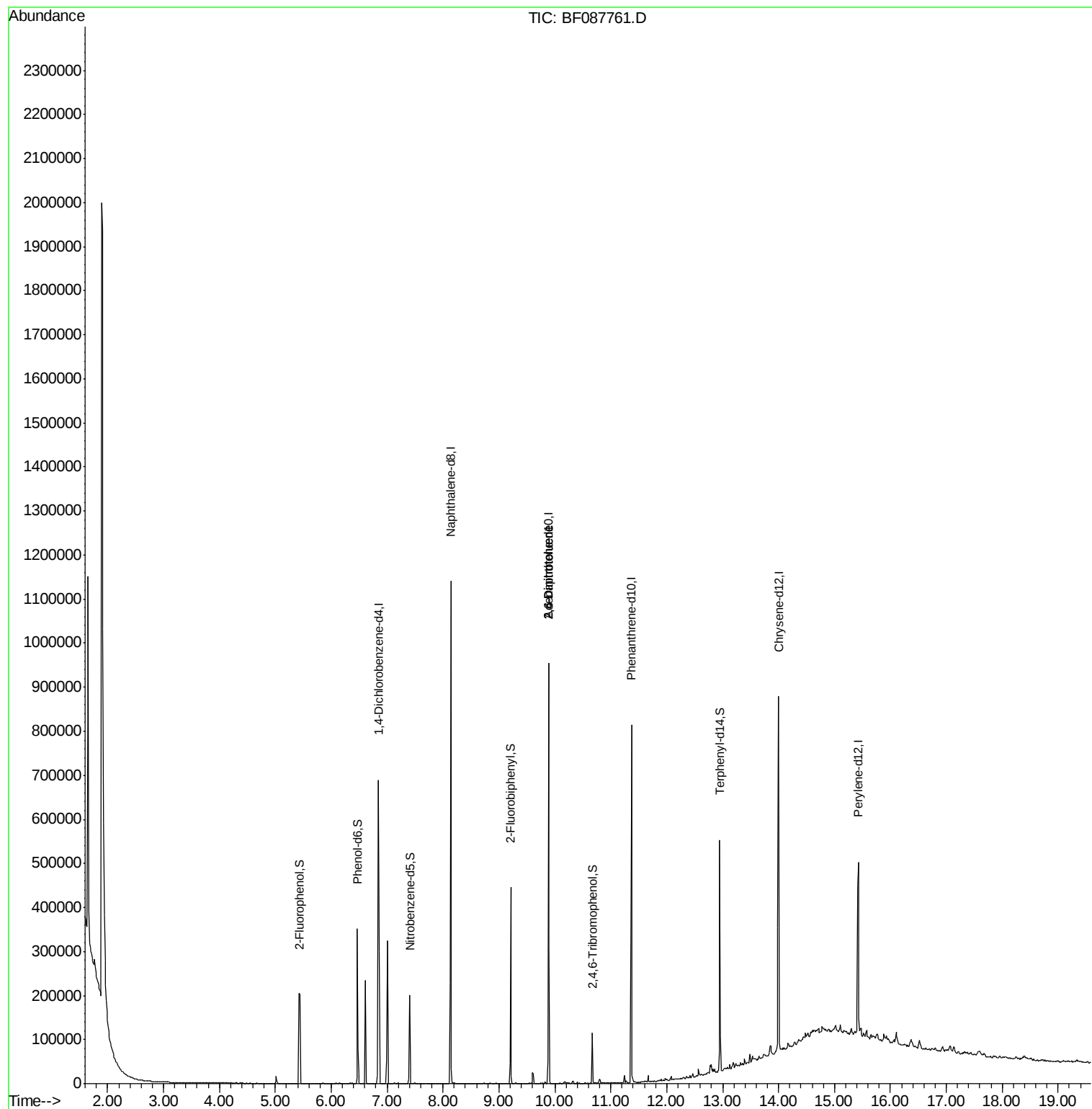
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	118788	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	492595	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	193818	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	323436	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	266759	20.00	ng	-0.02
86) Perylene-d12	15.43	264	204430	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	88991	12.11	ng	-0.01
7) Phenol-d6	6.47	99	114046	12.37	ng	-0.02
23) Nitrobenzene-d5	7.40	82	60785	7.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	19848	10.20	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	128277	8.11	ng	-0.02
78) Terphenyl-d14	12.95	244	143399	13.12	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.88	165	24901	7.77	ng	# 40
56) 2,4-Dinitrotoluene	9.88	165	24903	6.10	ng	# 38

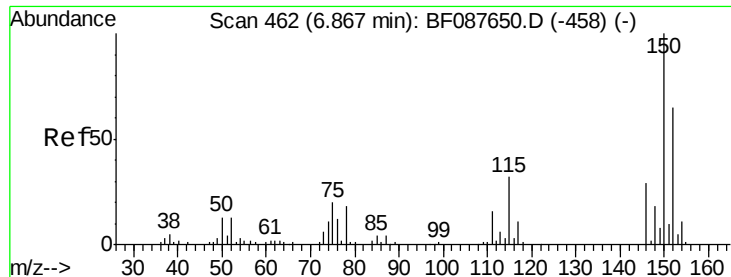
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087761.D

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Instrument :

BNA_F

ClientSampleId :

U5-B4(0-5)C

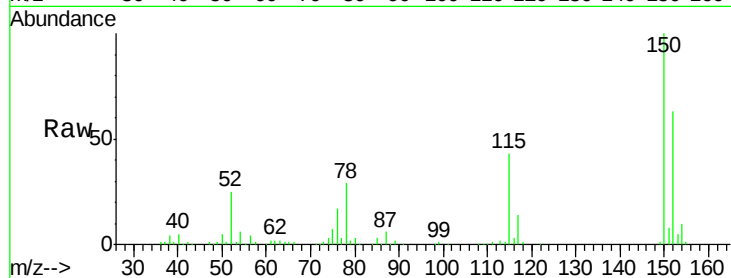
Tgt Ion:152 Resp: 118788

Ion Ratio Lower Upper

152 100

150 159.4 123.8 185.6

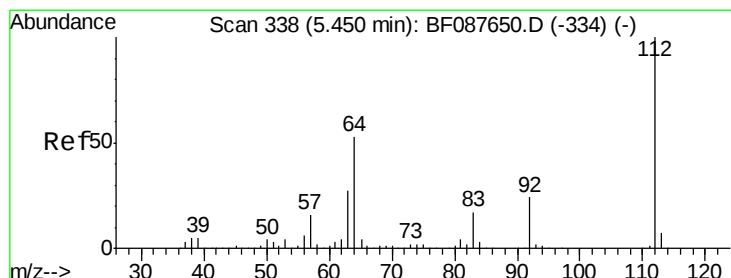
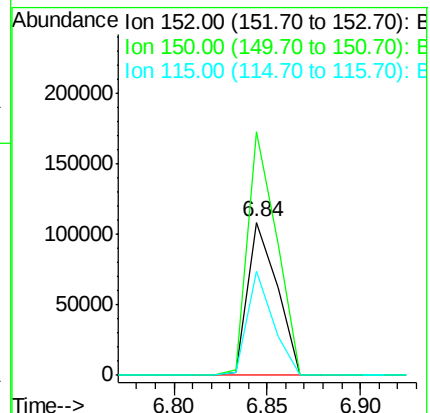
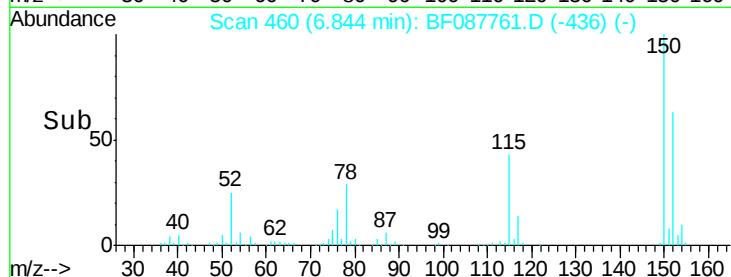
115 68.5 39.6 59.4#



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



#5

2-Fluorophenol

Concen: 12.11 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

Lab File: BF087761.D

Acq: 6 Jun 2016 19:48

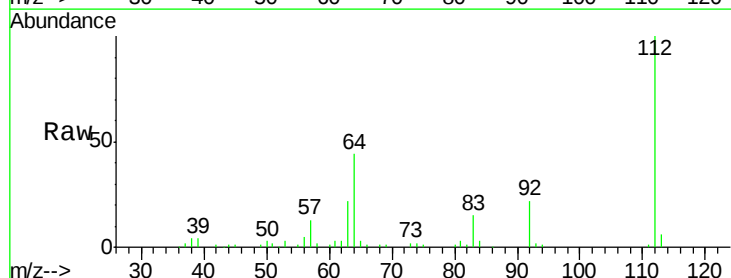
Tgt Ion:112 Resp: 88991

Ion Ratio Lower Upper

112 100

64 44.0 42.2 63.2

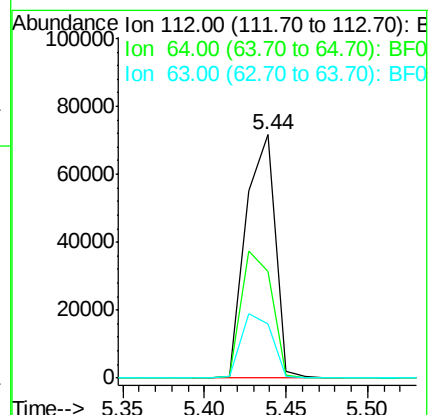
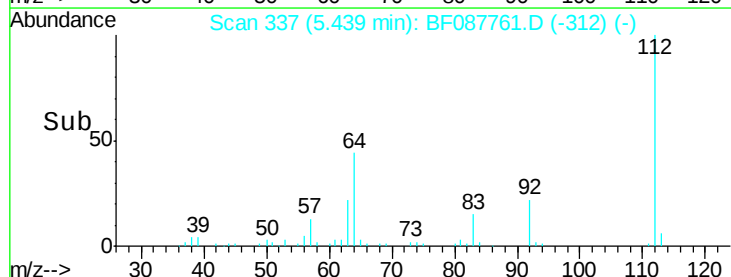
63 22.1 21.8 32.8

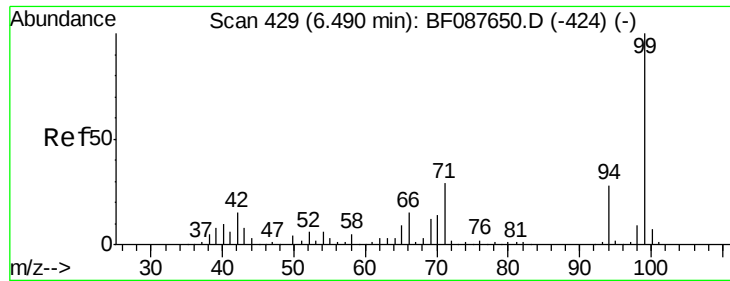


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.37 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087761.D

Acq: 6 Jun 2016 19:48

Instrument :

BNA_F

ClientSampleId :

U5-B4(0-5)C

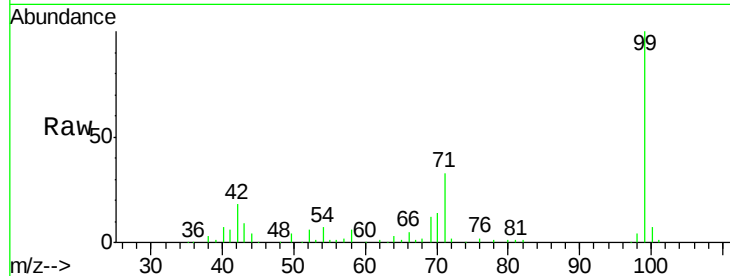
Tgt Ion: 99 Resp: 114046

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

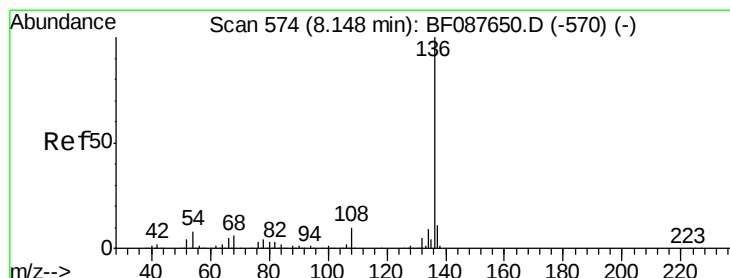
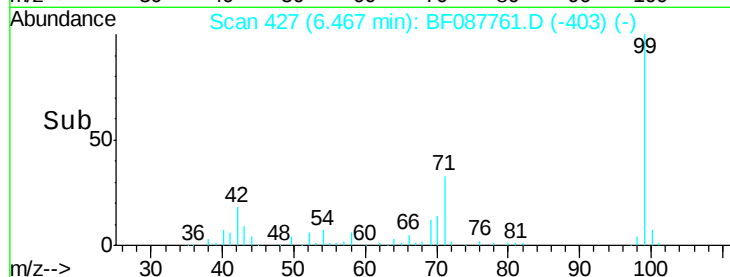
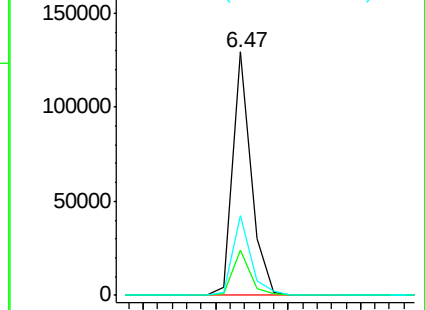
71 32.8 23.4 35.0



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: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087761.D

Acq: 6 Jun 2016 19:48

Tgt Ion: 136 Resp: 492595

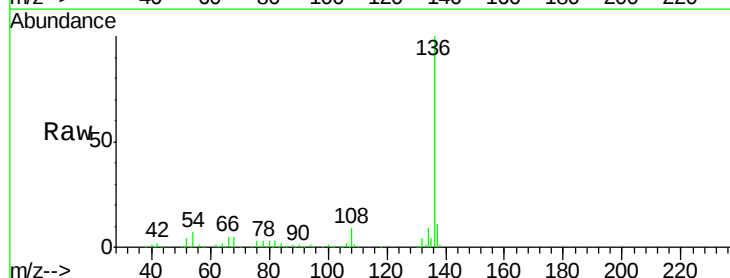
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.8 6.6 10.0

68 5.5 5.1 7.7

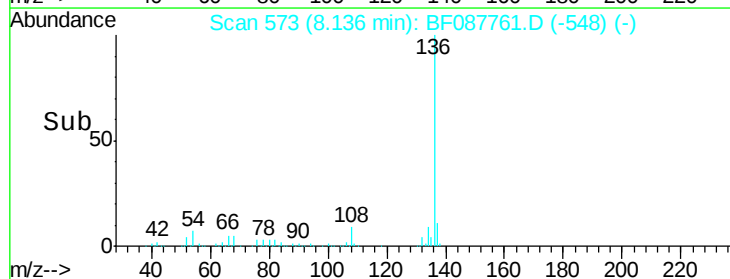
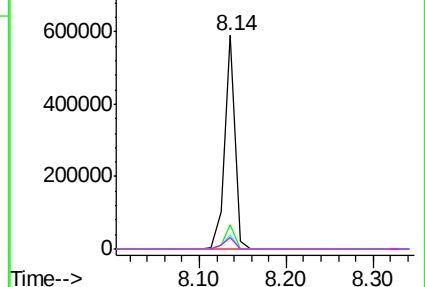


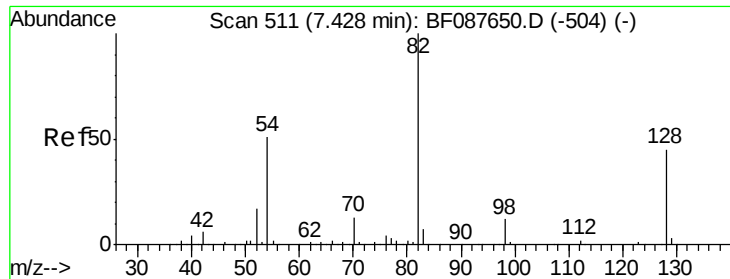
Abundance Ion 136.00 (135.70 to 136.70): E

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

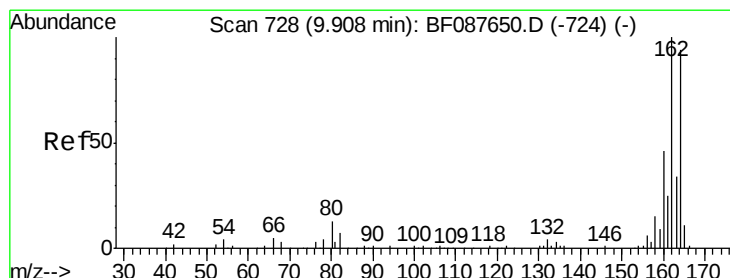
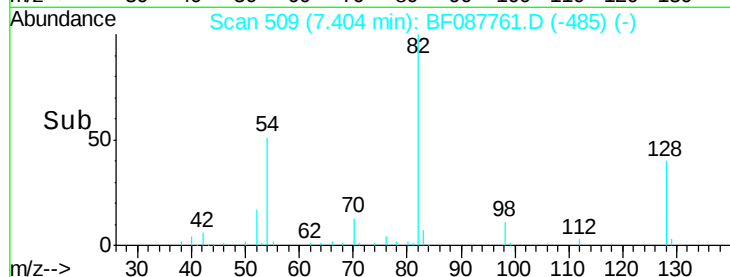
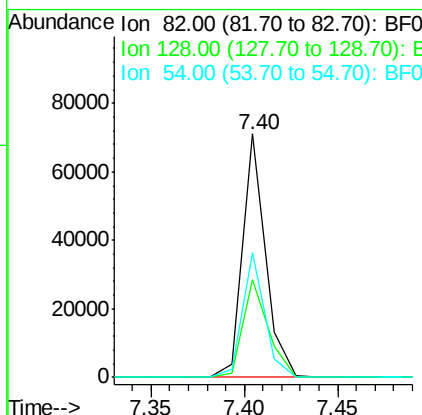
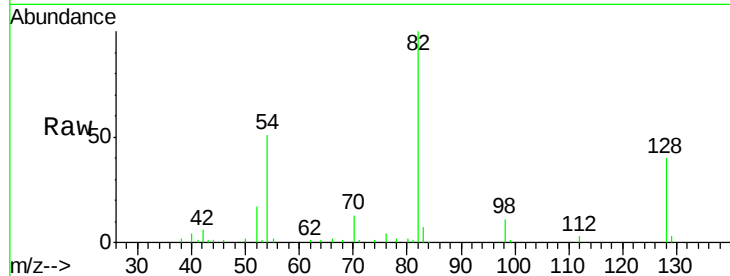




#23
 Nitrobenzene-d5
 Concen: 7.14 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF087761.D
 Acq: 6 Jun 2016 19:48

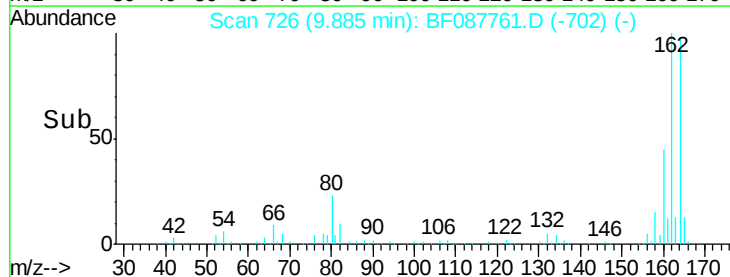
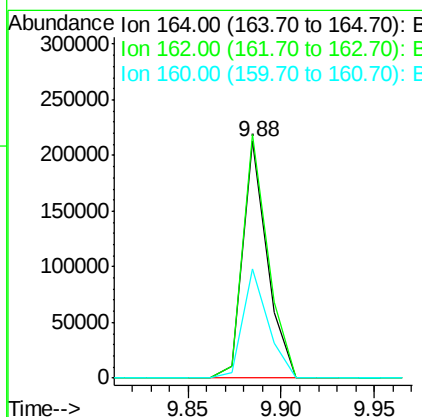
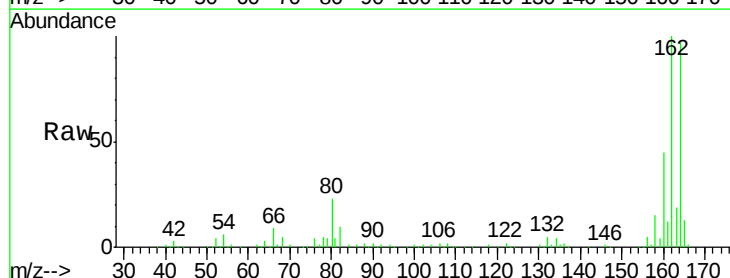
Instrument :
 BNA_F
 ClientSampleId :
 U5-B4(0-5)C

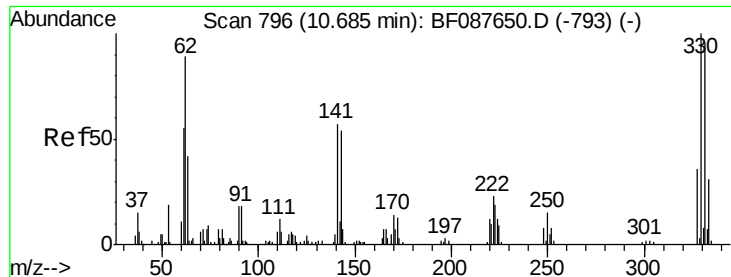
Tgt Ion: 82 Resp: 60785
 Ion Ratio Lower Upper
 82 100
 128 40.0 35.9 53.9
 54 51.2 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087761.D
 Acq: 6 Jun 2016 19:48

Tgt Ion: 164 Resp: 193818
 Ion Ratio Lower Upper
 164 100
 162 102.8 85.4 128.2
 160 46.2 39.5 59.3

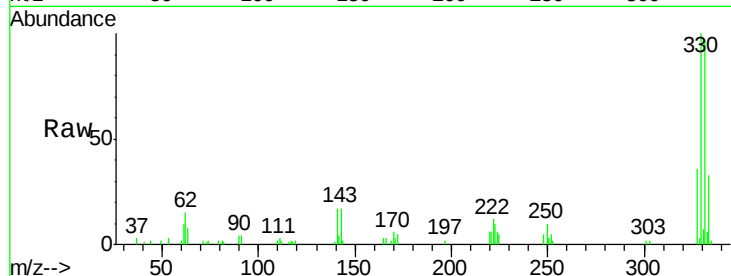




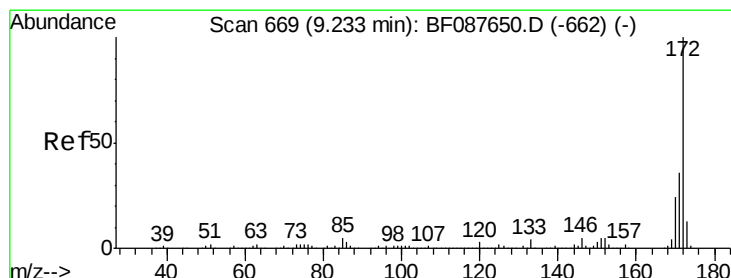
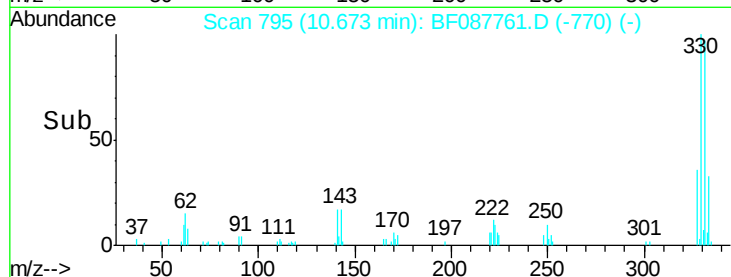
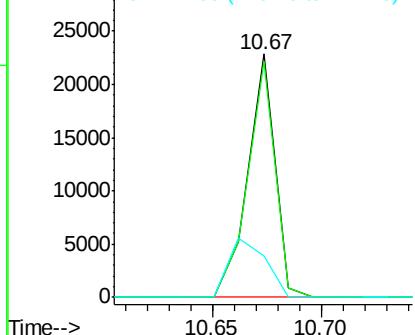
#41
 2,4,6-Tribromophenol
 Concen: 10.20 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087761.D
 Acq: 6 Jun 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 U5-B4(0-5)C

Tgt Ion:330 Resp: 19848
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 33.0 0.0 0.0#

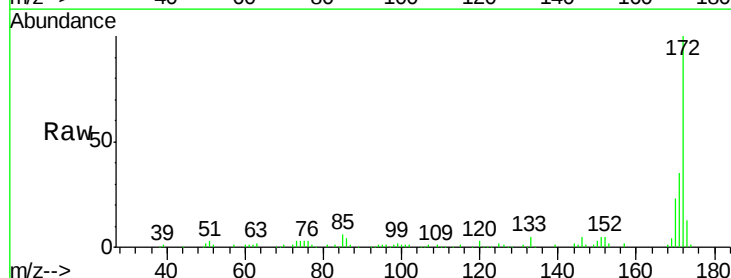


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

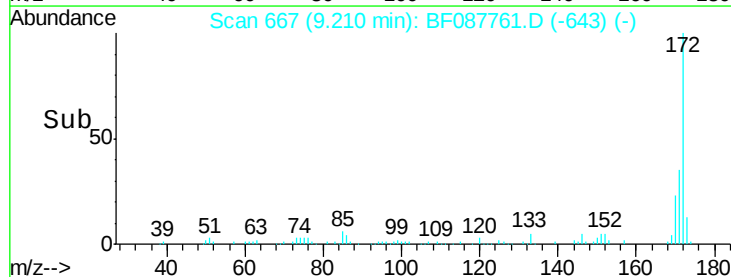
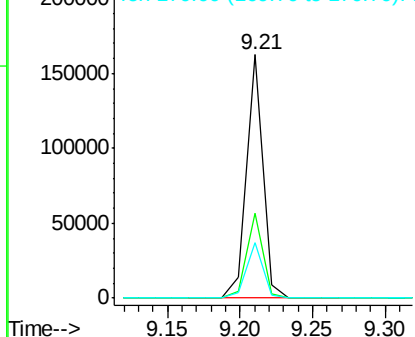


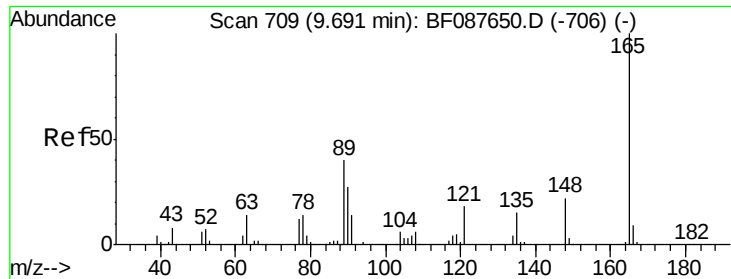
#44
 2-Fluorobiphenyl
 Concen: 8.11 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087761.D
 Acq: 6 Jun 2016 19:48

Tgt Ion:172 Resp: 128277
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 23.0 19.2 28.8



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

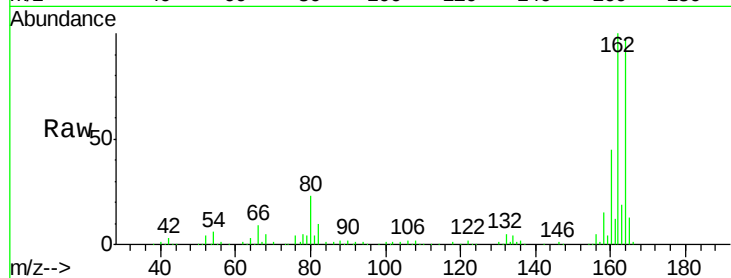




#50
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.19 min
Lab File: BF087761.D
Acq: 6 Jun 2016 19:48

Instrument :
BNA_F
ClientSampleId :
U5-B4(0-5)C

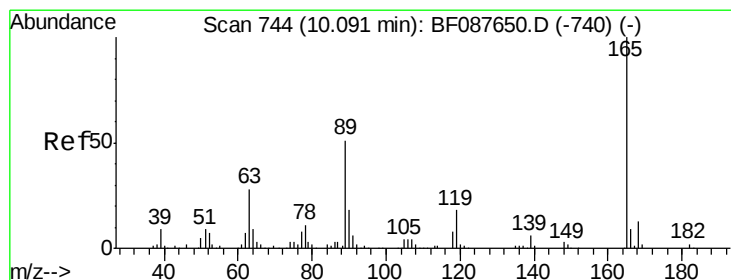
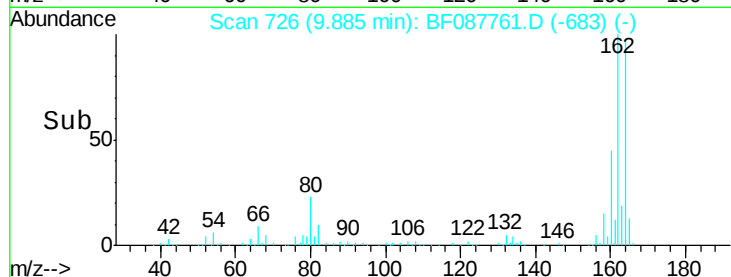
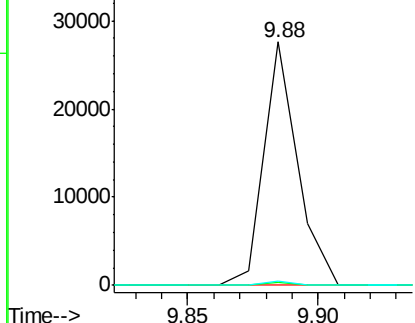
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.1	42.1#
89	1.7	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.21 min
Lab File: BF087761.D
Acq: 6 Jun 2016 19:48

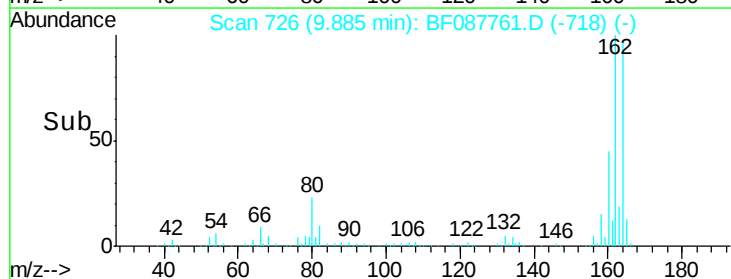
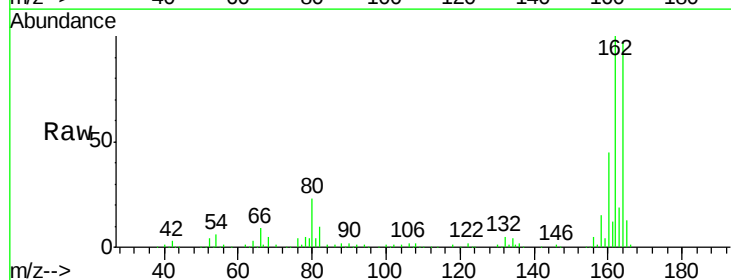
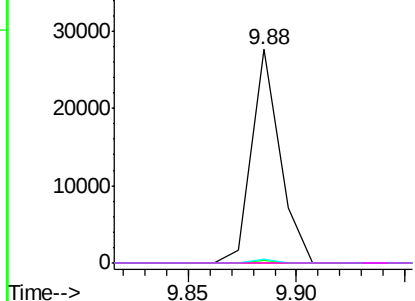
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#

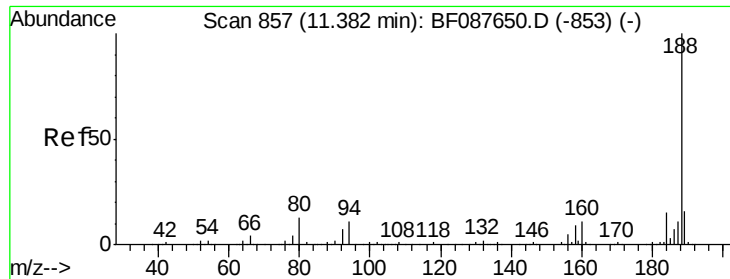
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

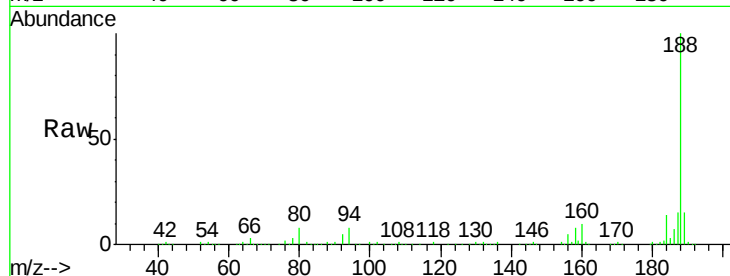




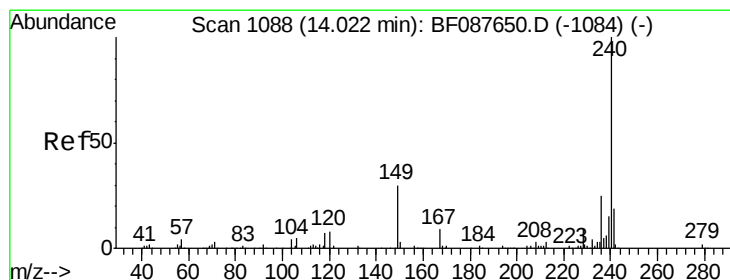
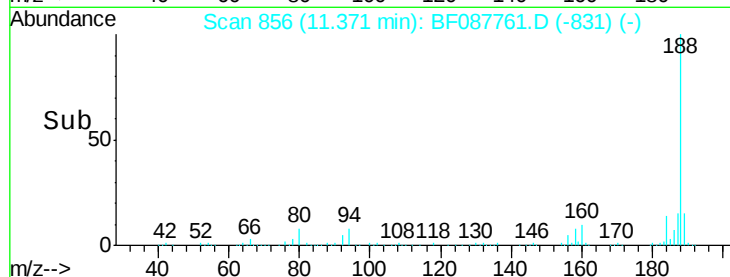
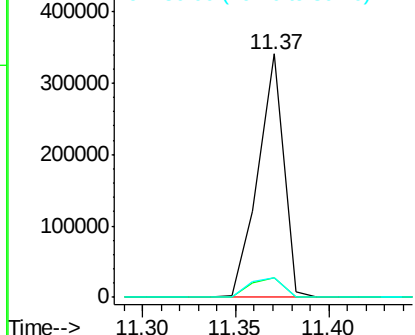
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087761.D
Acq: 6 Jun 2016 19:48

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U5-B4(0-5)C

Tgt Ion:188 Resp: 323436
Ion Ratio Lower Upper
188 100
94 7.9 9.0 13.6#
80 8.2 10.0 15.0#

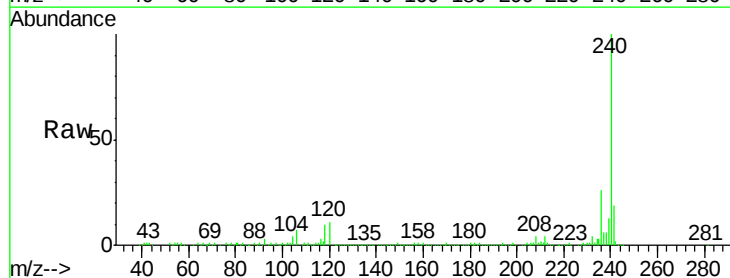


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

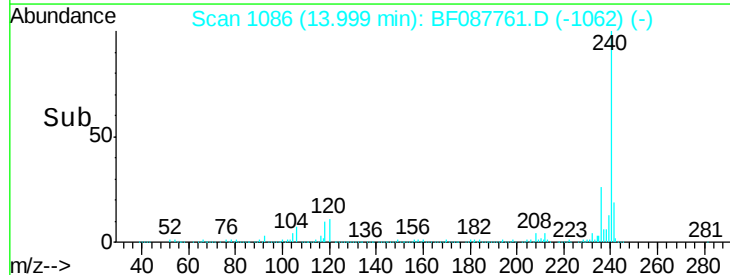
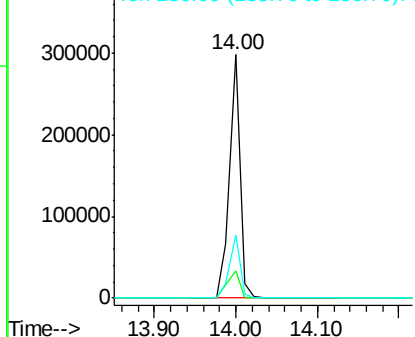


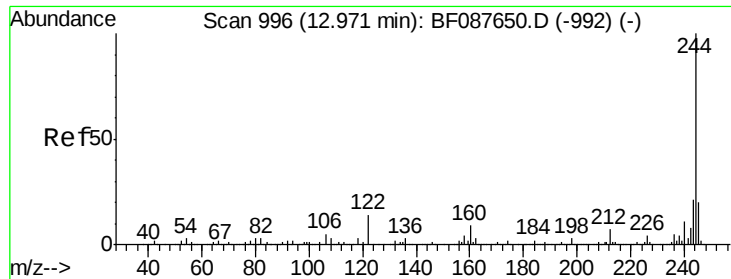
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087761.D
Acq: 6 Jun 2016 19:48

Tgt Ion:240 Resp: 266759
Ion Ratio Lower Upper
240 100
120 11.2 6.8 10.2#
236 25.8 20.2 30.2



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

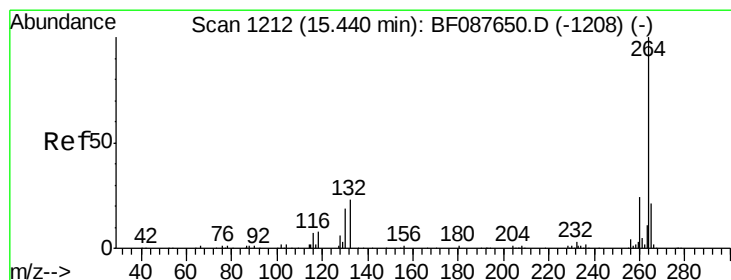
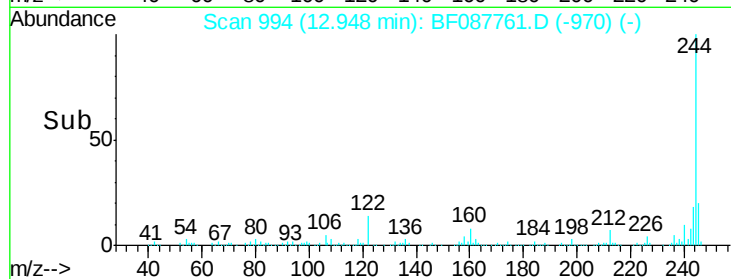
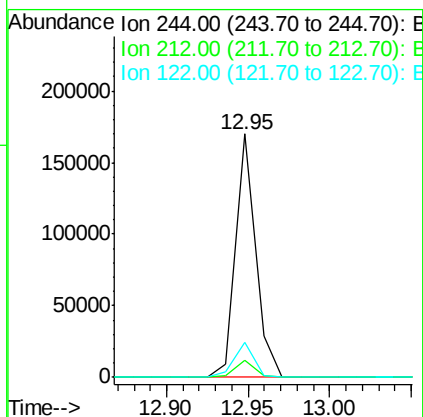
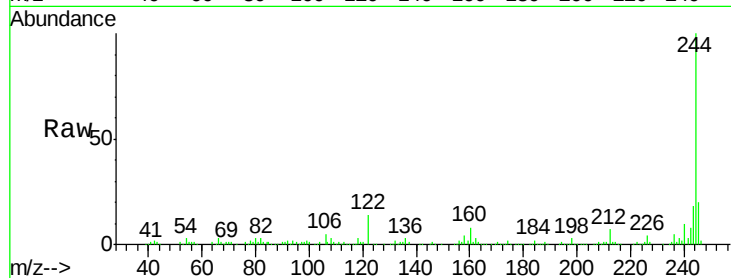




#78
 Terphenyl-d14
 Concen: 13.12 ng
 RT: 12.95 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF087761.D
 Acq: 6 Jun 2016 19:48

Instrument :
 BNA_F
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 U5-B4(0-5)C

Tgt Ion:244 Resp: 143399
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF087761.D
 Acq: 6 Jun 2016 19:48

Tgt Ion:264 Resp: 204430
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.0 16.9 25.3

