

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
 Data File : BF089115.D
 Acq On : 19 Jul 2016 13:43
 Operator : UM/SJ
 Sample : PB92230BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BL

Quant Time: Jul 20 02:12:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:28:17 2016
 Response via : Initial Calibration

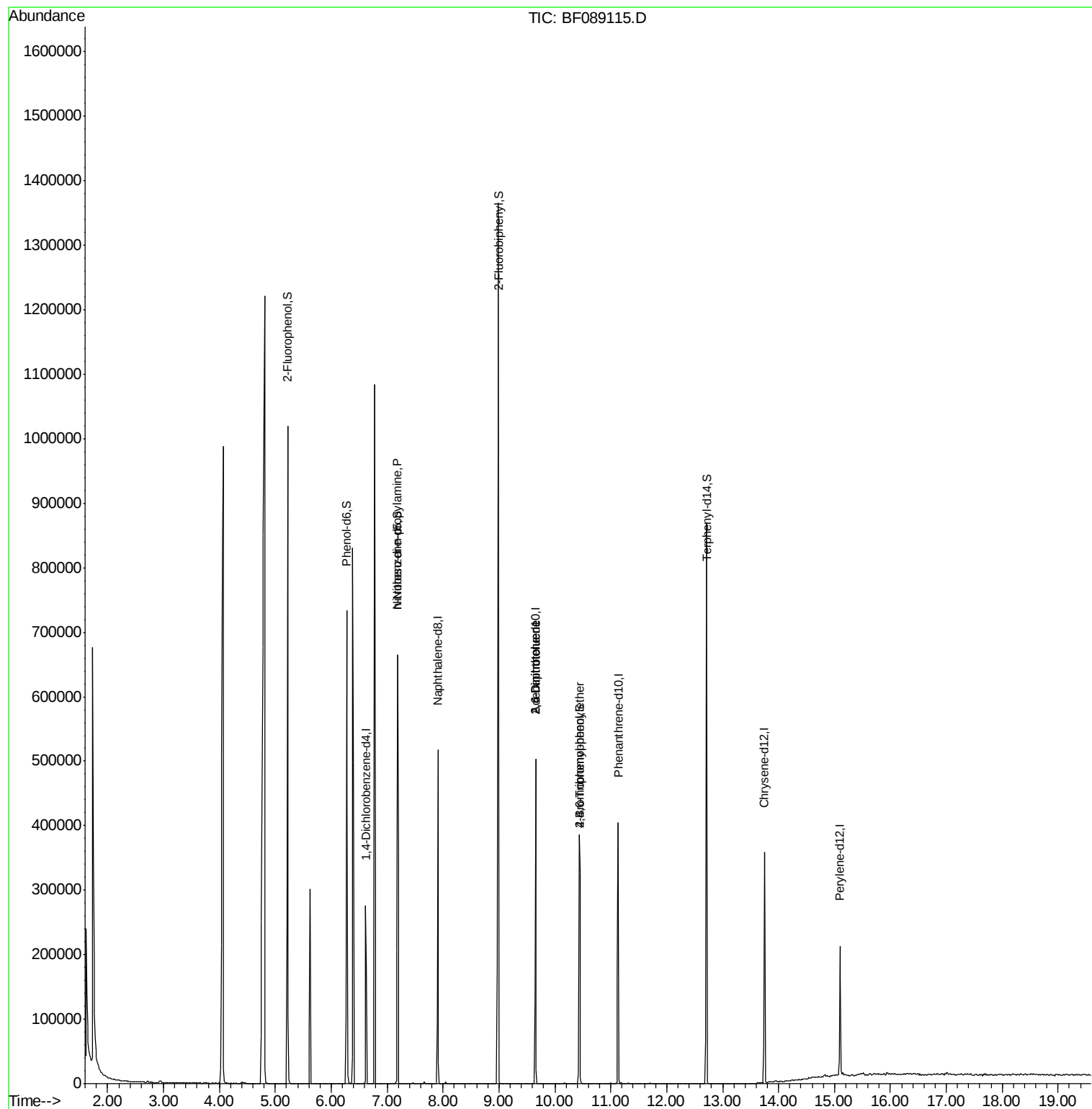
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	52455	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	217484	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	98407	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	160633	20.00	ng	0.00
75) Chrysene-d12	13.75	240	107788	20.00	ng	-0.01
86) Perylene-d12	15.10	264	93361	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	266769	76.22	ng	0.01
7) Phenol-d6	6.27	99	336975	74.51	ng	-0.01
23) Nitrobenzene-d5	7.19	82	301375	72.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	60176	65.85	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	603826	96.92	ng	0.00
78) Terphenyl-d14	12.72	244	374105	77.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	39774	13.09	ng	# 76
50) 2,6-Dinitrotoluene	9.66	165	12346	7.95	ng	# 37
56) 2,4-Dinitrotoluene	9.66	165	12346	6.08	ng	# 36
66) 4-Bromophenyl-phenylether	10.44	248	4380	2.71	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF089115.D

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ClientSampleId :

PB92230BL

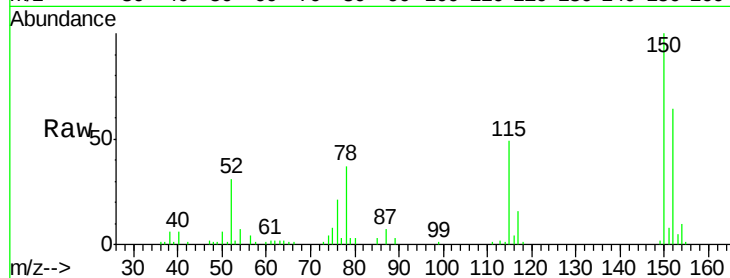
Tgt Ion:152 Resp: 52455

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

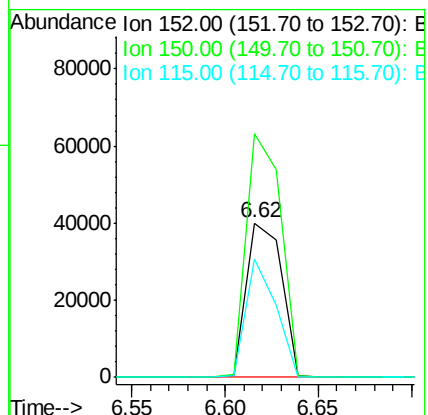
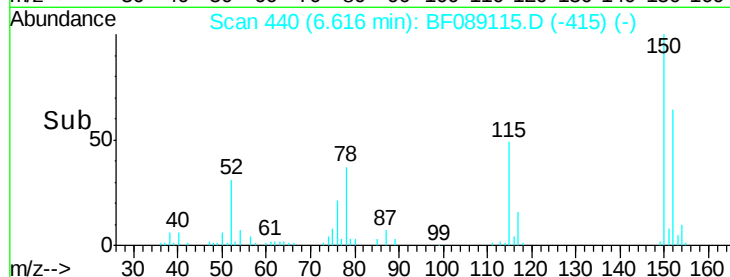
115 76.4 39.6 59.4#



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: 76.22 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089115.D

Acq: 19 Jul 2016 13:43

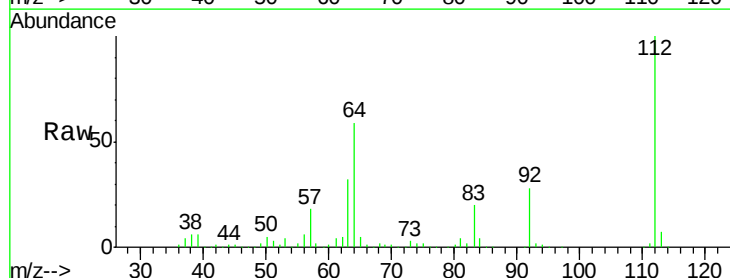
Tgt Ion:112 Resp: 266769

Ion Ratio Lower Upper

112 100

64 58.7 42.2 63.2

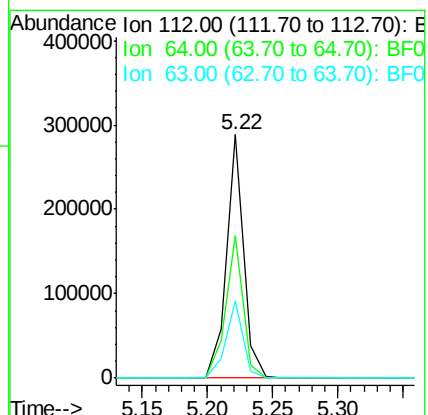
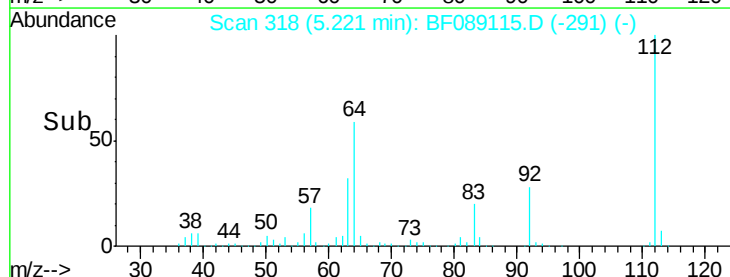
63 31.6 21.8 32.8



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: 74.51 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089115.D

Acq: 19 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

PB92230BL

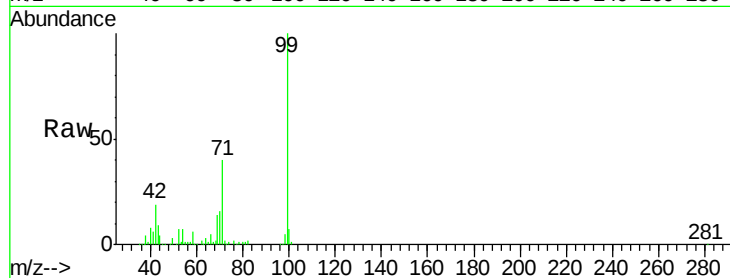
Tgt Ion: 99 Resp: 336975

Ion Ratio Lower Upper

99 100

42 19.0 12.2 18.2#

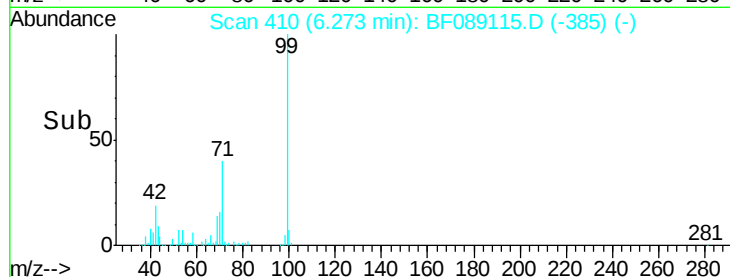
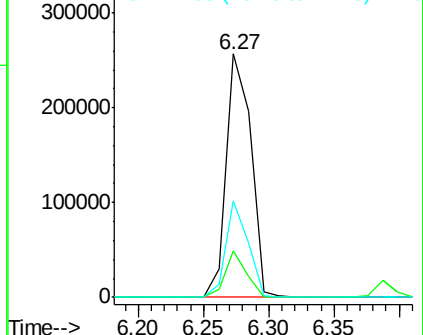
71 39.7 23.4 35.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.09 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.14 min

Lab File: BF089115.D

Acq: 19 Jul 2016 13:43

Tgt Ion: 70 Resp: 39774

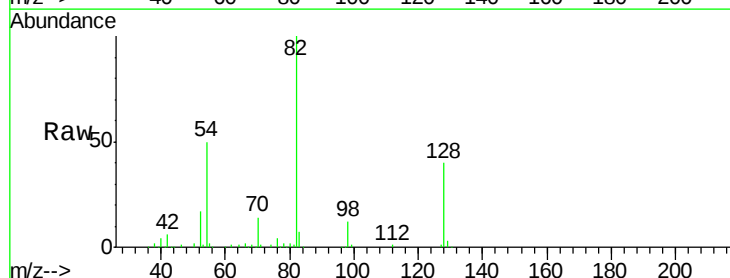
Ion Ratio Lower Upper

70 100

42 47.4 49.6 74.4#

101 0.0 7.1 10.7#

130 1.6 15.4 23.2#

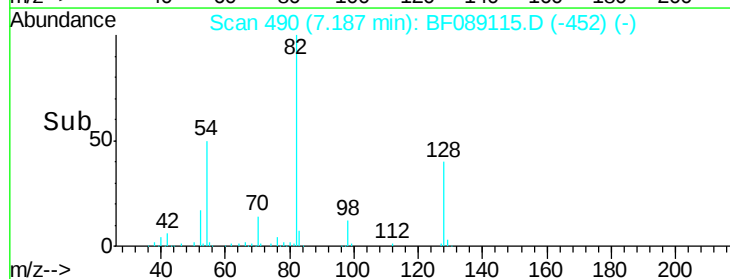
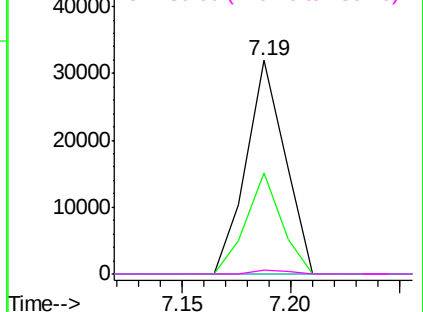


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089115.D

Acq: 19 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

PB92230BL

Tgt Ion:136 Resp: 217484

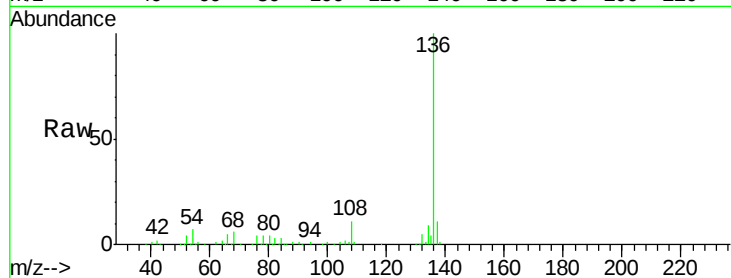
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.4 6.6 10.0

68 5.8 5.1 7.7

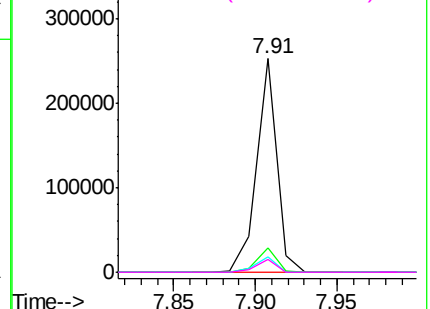
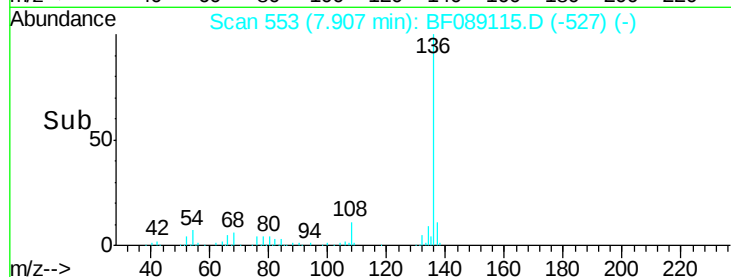


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.62 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089115.D

Acq: 19 Jul 2016 13:43

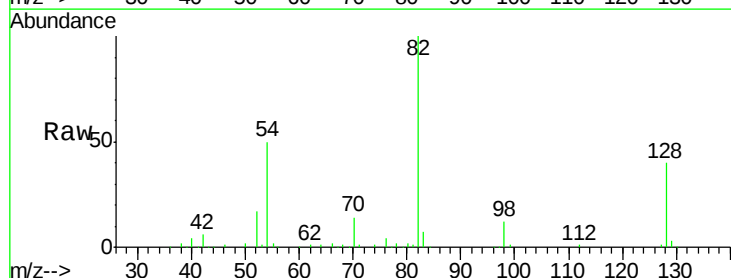
Tgt Ion: 82 Resp: 301375

Ion Ratio Lower Upper

82 100

128 39.6 35.9 53.9

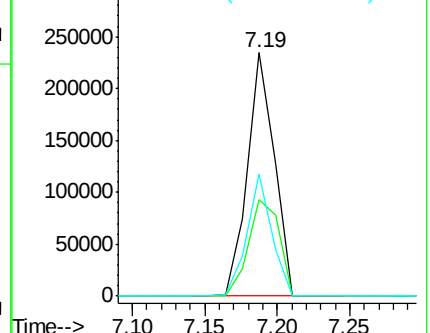
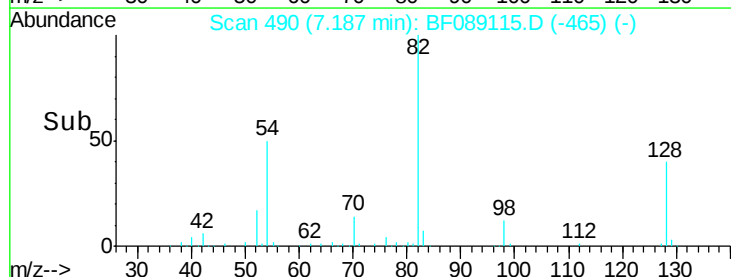
54 49.9 40.9 61.3

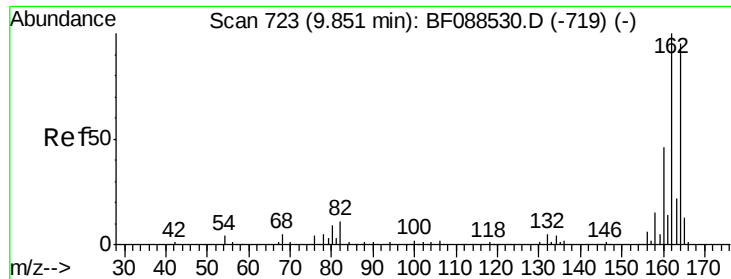


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF089115.D

Acq: 19 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

PB92230BL

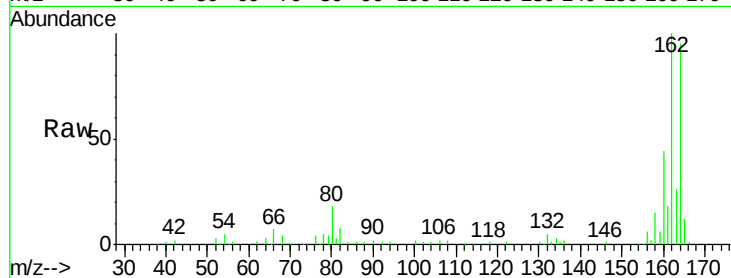
Tgt Ion:164 Resp: 98407

Ion Ratio Lower Upper

164 100

162 105.5 85.4 128.2

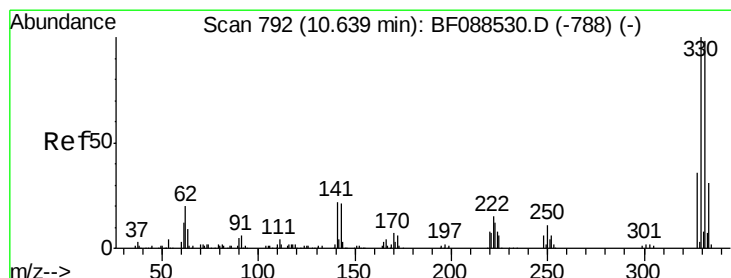
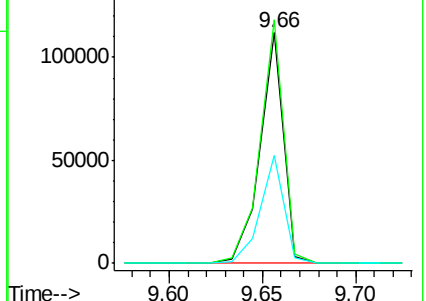
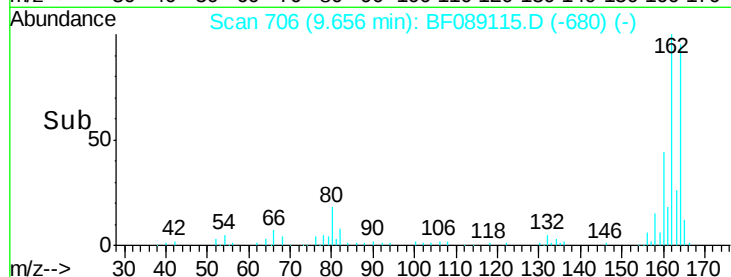
160 46.6 39.5 59.3



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: 65.85 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF089115.D

Acq: 19 Jul 2016 13:43

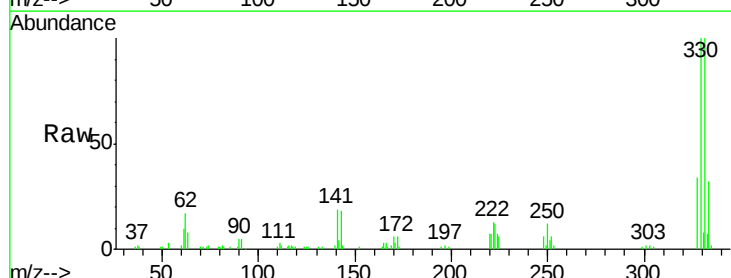
Tgt Ion:330 Resp: 60176

Ion Ratio Lower Upper

330 100

332 98.4 0.0 0.0#

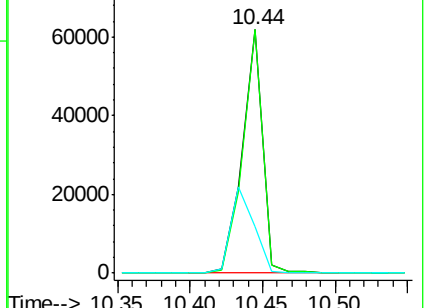
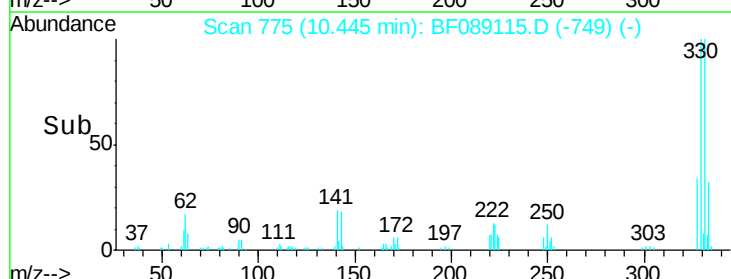
141 40.4 0.0 0.0#



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

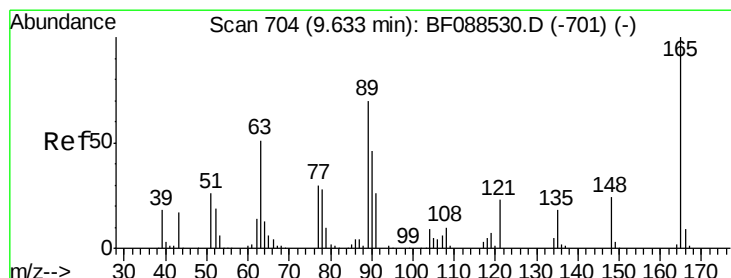
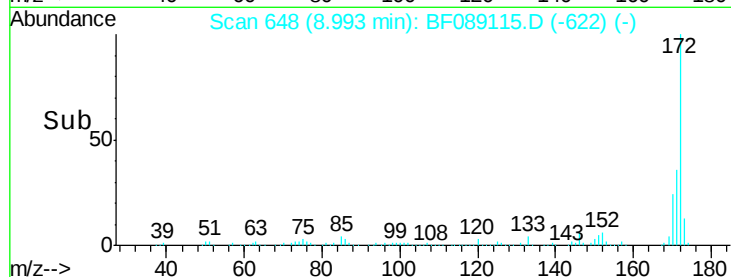
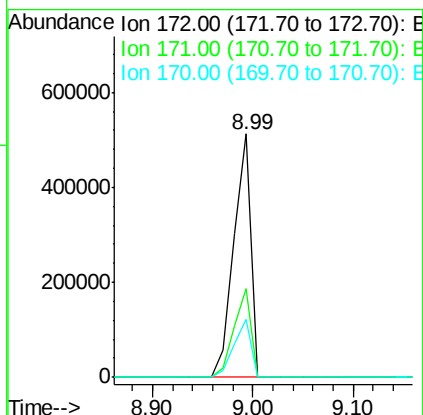
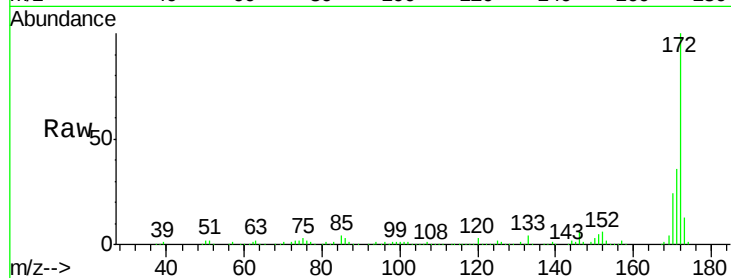




#44
 2-Fluorobiphenyl
 Concen: 96.92 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF089115.D
 Acq: 19 Jul 2016 13:43

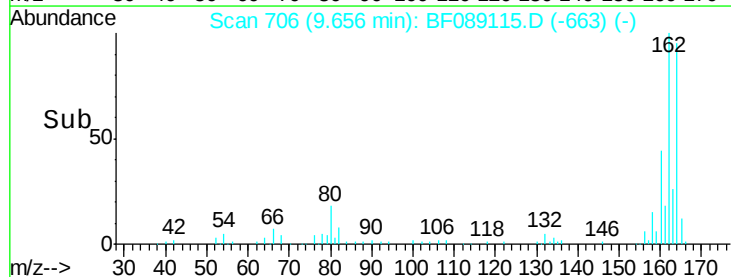
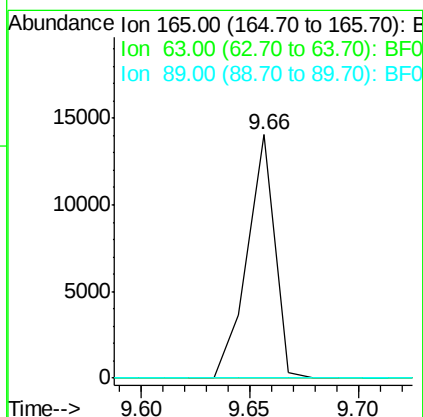
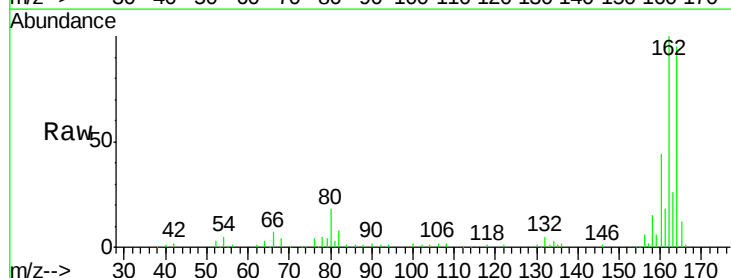
Instrument :
 BNA_F
 ClientSampleId :
 PB92230BL

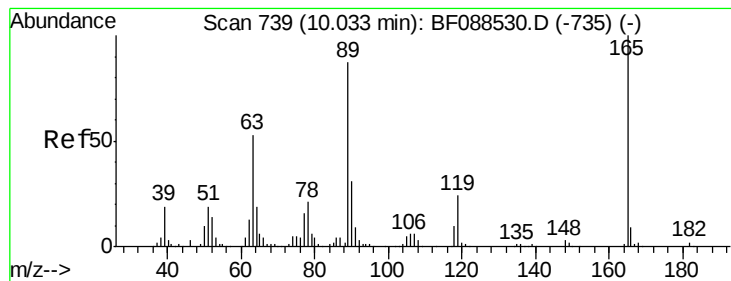
Tgt Ion:172 Resp: 603826
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.0 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.19 min
 Lab File: BF089115.D
 Acq: 19 Jul 2016 13:43

Tgt Ion:165 Resp: 12346
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 0.0 32.2 48.2#

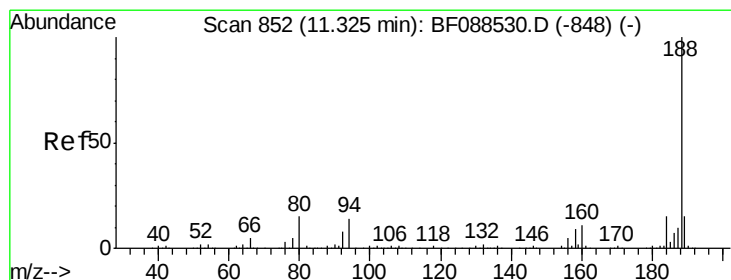
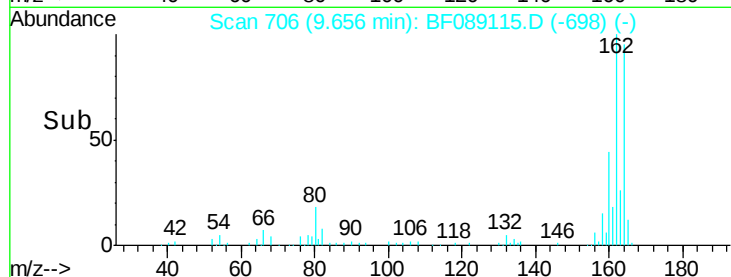
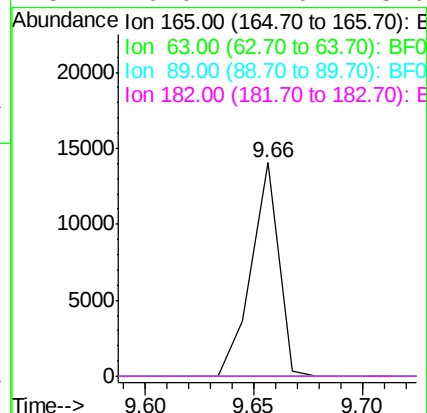
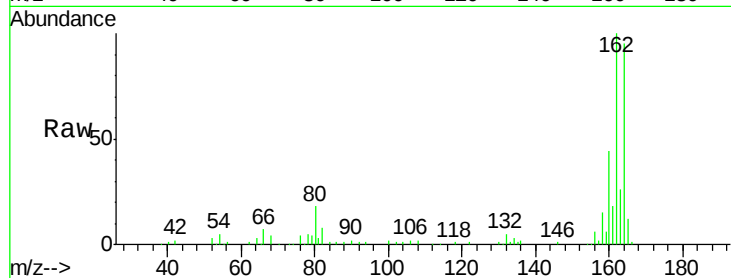




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.21 min
 Lab File: BF089115.D
 Acq: 19 Jul 2016 13:43

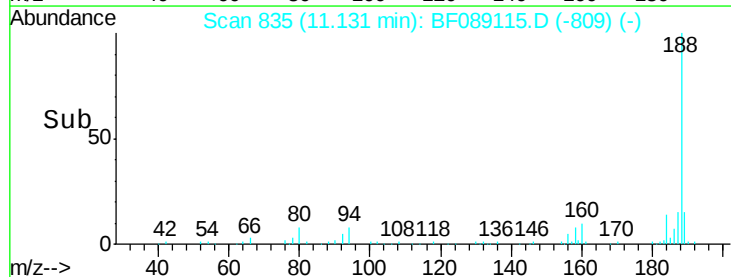
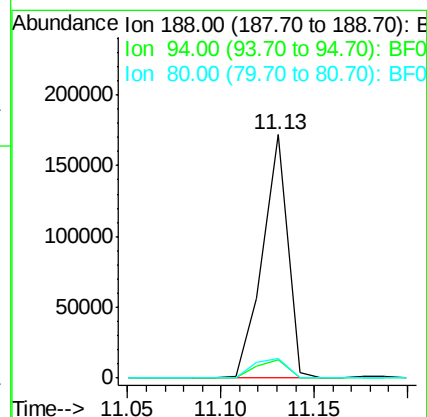
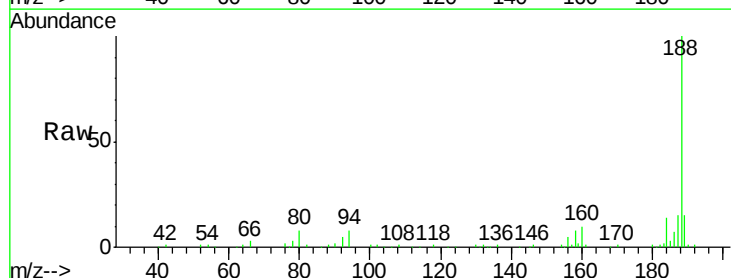
Instrument :
 BNA_F
 ClientSampleId :
 PB92230BL

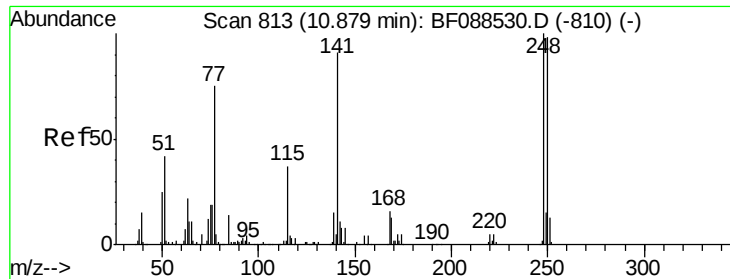
Tgt Ion:	165	Resp:	12346
Ion Ratio	Lower	Upper	
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089115.D
 Acq: 19 Jul 2016 13:43

Tgt Ion:	188	Resp:	160633
Ion Ratio	Lower	Upper	
188	100		
94	7.7	9.0	13.6#
80	8.1	10.0	15.0#

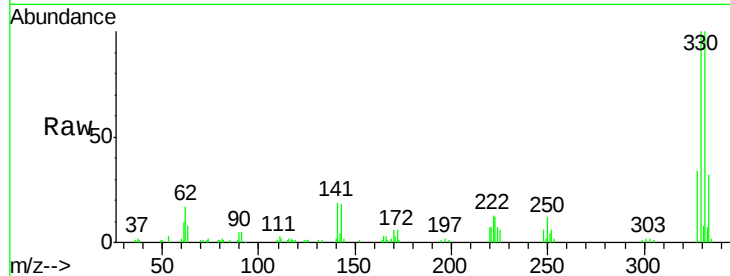




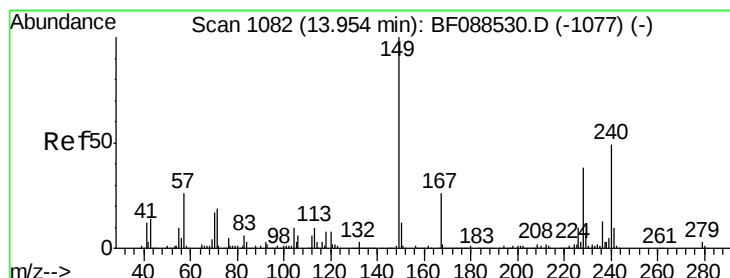
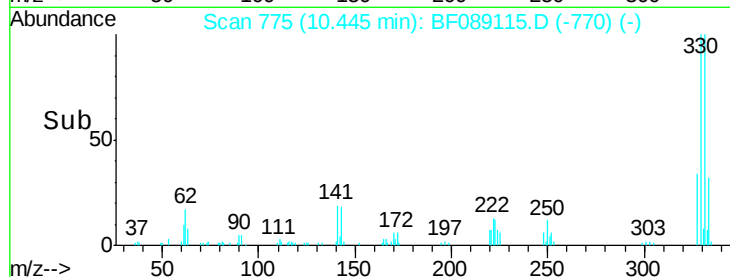
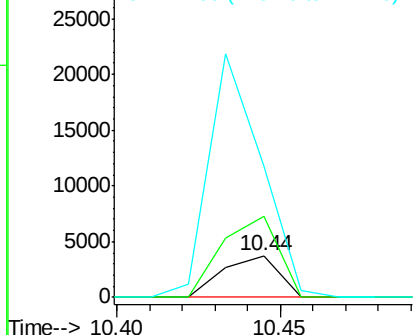
#66
4-Bromophenyl-phenylether
Concen: 2.71 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.24 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :
PB92230BL

Tgt Ion:248 Resp: 4380
Ion Ratio Lower Upper
248 100
250 196.3 77.1 115.7#
141 315.8 50.6 76.0#

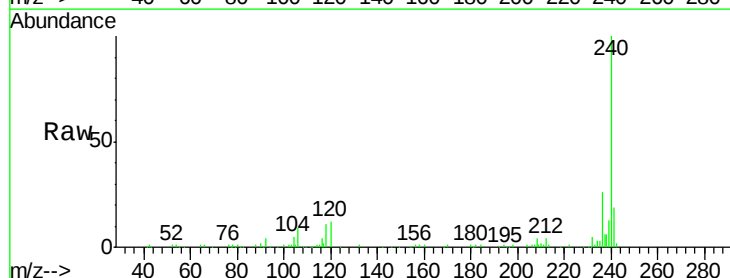


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

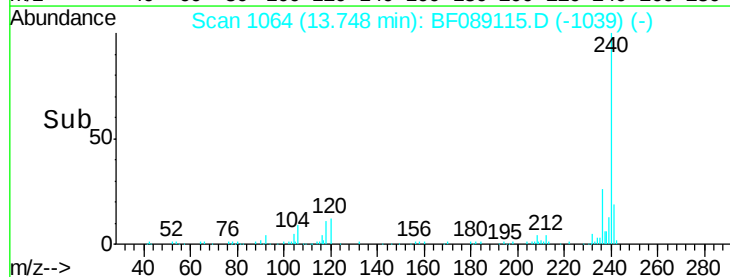
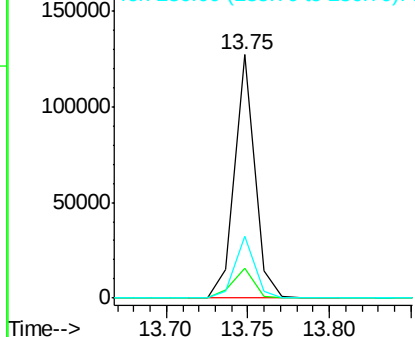


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Tgt Ion:240 Resp: 107788
Ion Ratio Lower Upper
240 100
120 12.4 6.8 10.2#
236 25.6 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

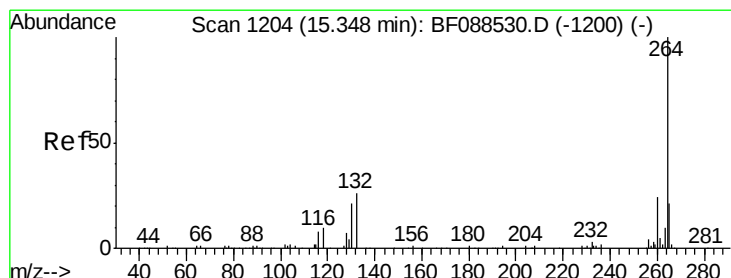
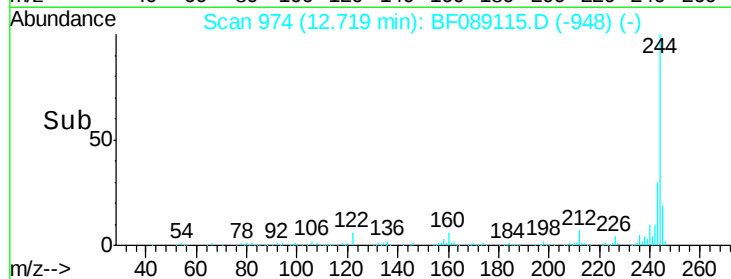
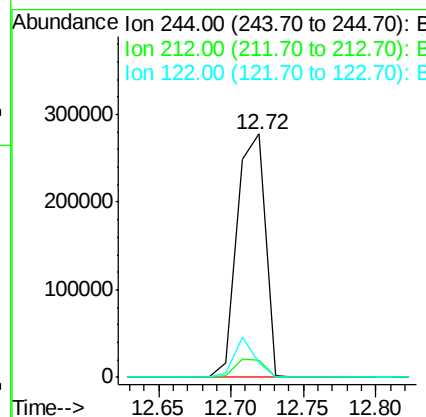
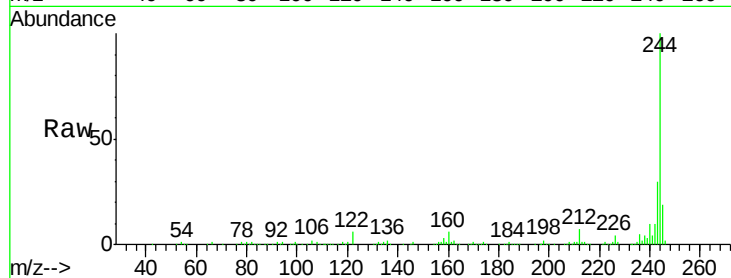




#78
 Terphenyl-d14
 Concen: 77.31 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089115.D
 Acq: 19 Jul 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BL

Tgt Ion: 244 Resp: 374105
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 5.8 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF089115.D
 Acq: 19 Jul 2016 13:43

Tgt Ion: 264 Resp: 93361
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.3 16.9 25.3

