

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089953.D
 Acq On : 31 Aug 2016 16:32
 Operator : UM/SJ
 Sample : PB93165BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BL

Quant Time: Aug 31 17:55:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

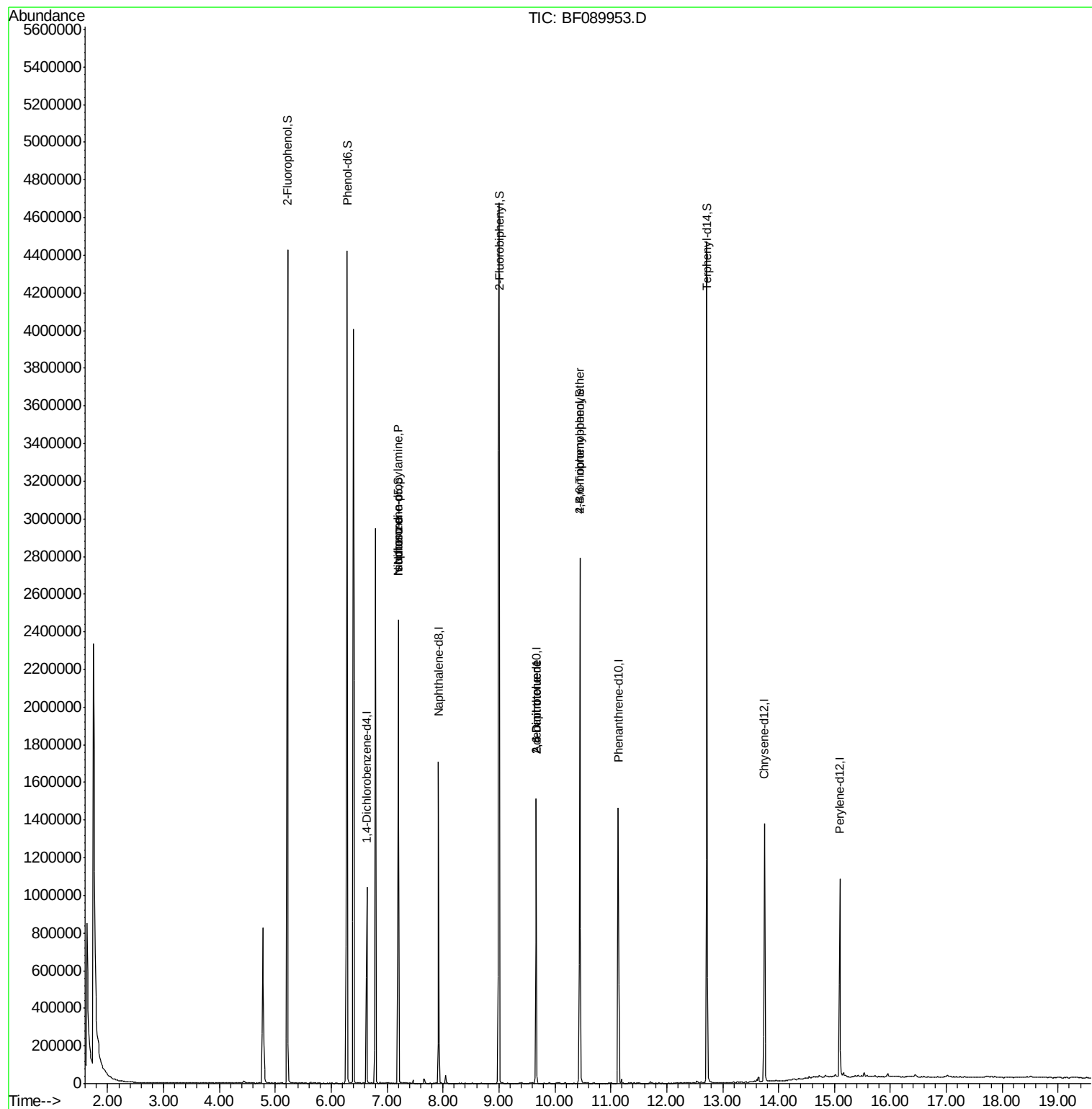
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	187489	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	724697	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	361643	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	586311	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	463159	20.00	ng	-0.01
86) Perylene-d12	15.10	264	436587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1386778	118.39	ng	0.01
7) Phenol-d6	6.28	99	1950645	137.05	ng	0.01
23) Nitrobenzene-d5	7.20	82	1038571	83.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	383879	107.59	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2063430	93.66	ng	0.00
78) Terphenyl-d14	12.72	244	1470075	78.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	136609	14.73	ng	# 83
25) Isophorone	7.20	82	875797	34.47	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	45581	7.84	ng	# 26
56) 2,4-Dinitrotoluene	9.67	165	45581	6.18	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	23922	4.05	ng	# 1

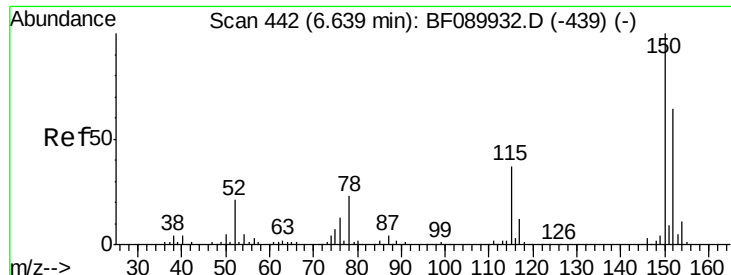
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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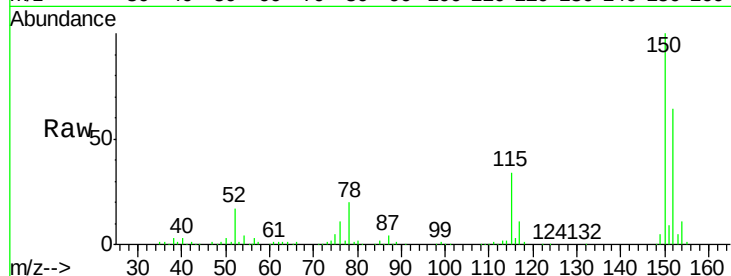


#1

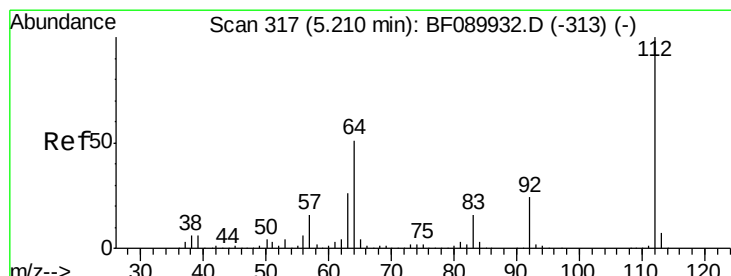
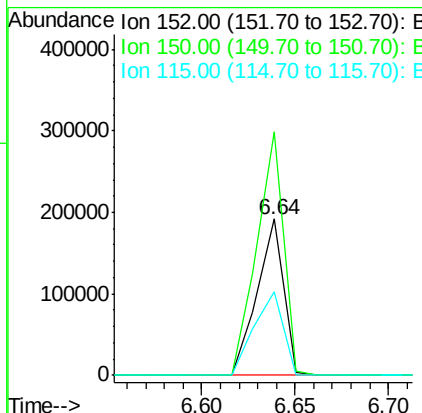
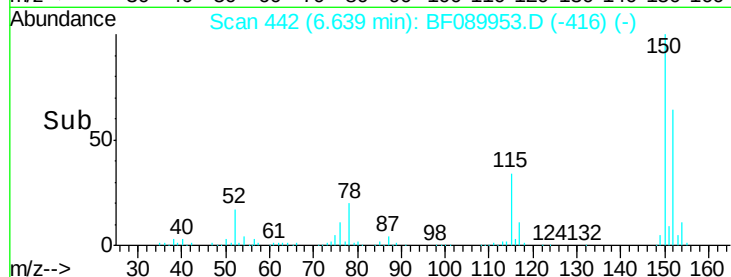
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089953.D
Acq: 31 Aug 2016 16:32

Instrument :
BNA_F
ClientSampleId :
PB93165BL

Tot Ion:152 Resp: 187489
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 53.6 46.3 69.5



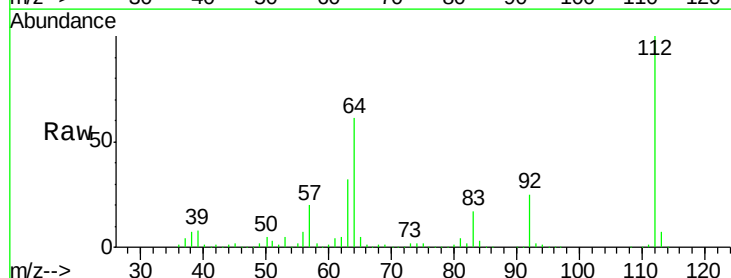
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



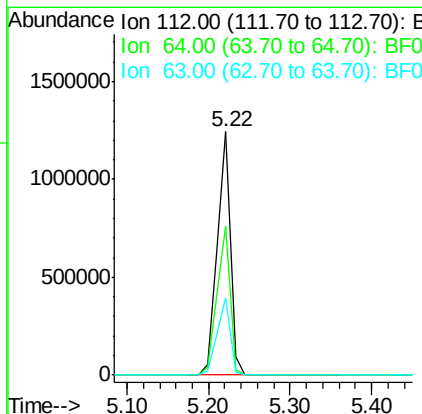
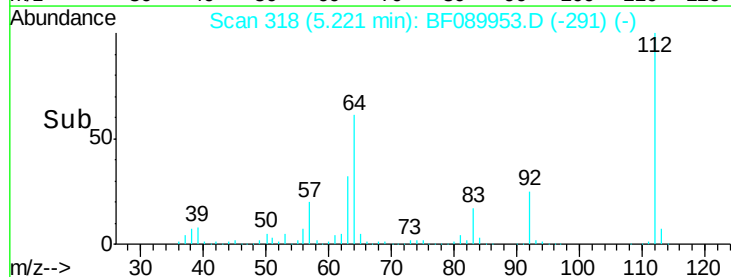
#5

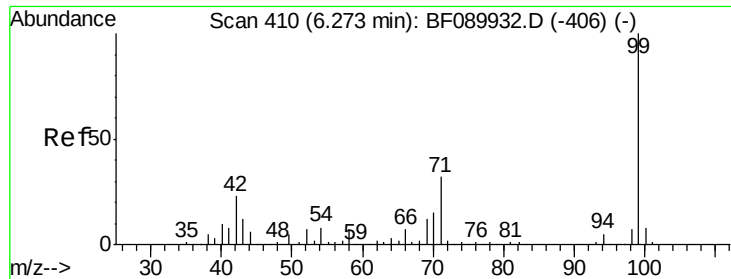
2-Fluorophenol
Concen: 118.39 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF089953.D
Acq: 31 Aug 2016 16:32

Tgt Ion:112 Resp: 1386778
Ion Ratio Lower Upper
112 100
64 61.1 41.1 61.7
63 31.5 21.2 31.8



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: 137.05 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

Instrument :

BNA_F

ClientSampleId :

PB93165BL

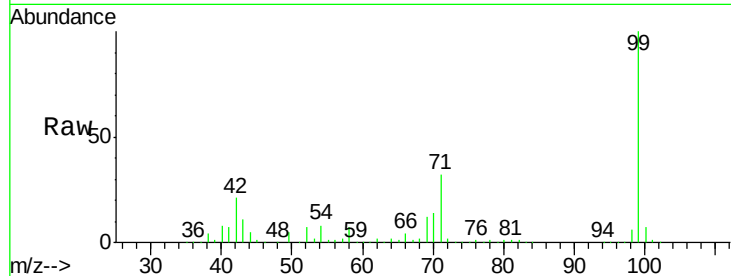
Tot Ion: 99 Resp: 1950645

Ion Ratio Lower Upper

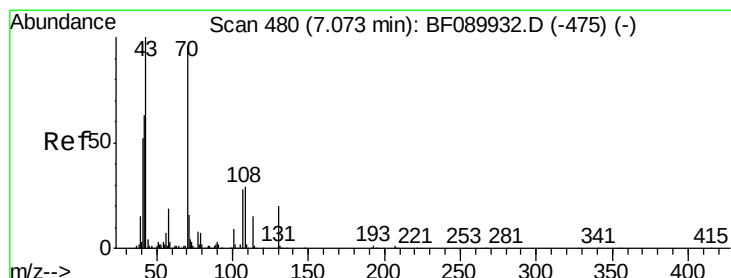
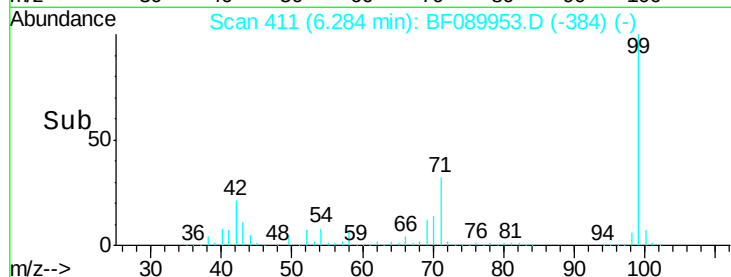
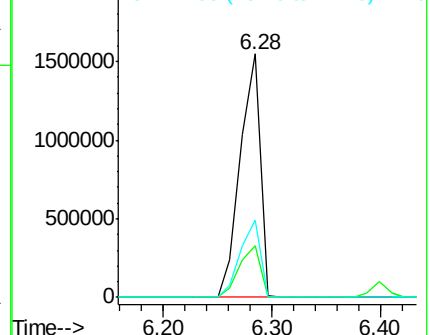
99 100

42 21.4 18.6 27.8

71 31.7 25.8 38.6



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: 14.73 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.13 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

Tgt Ion: 70 Resp: 136609

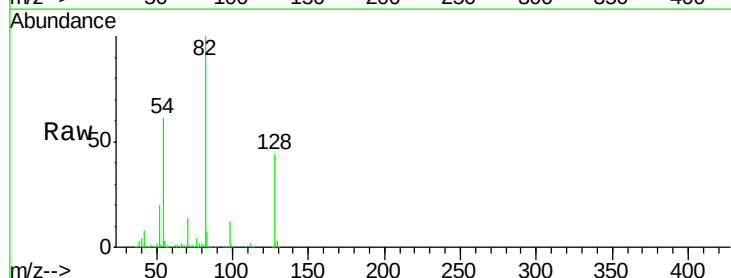
Ion Ratio Lower Upper

70 100

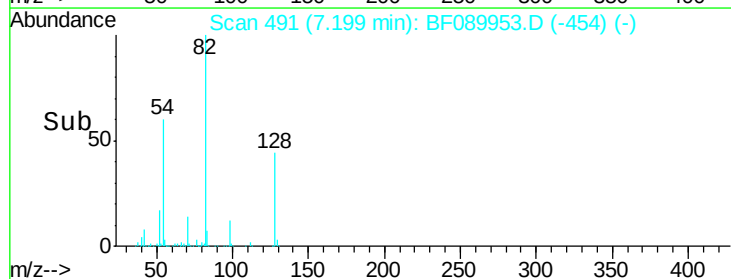
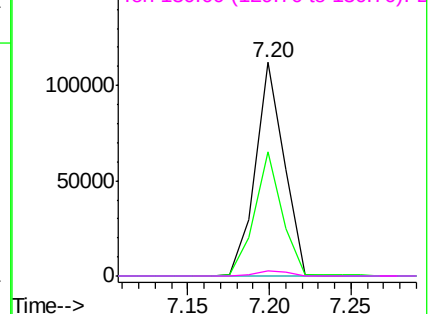
42 58.3 52.1 78.1

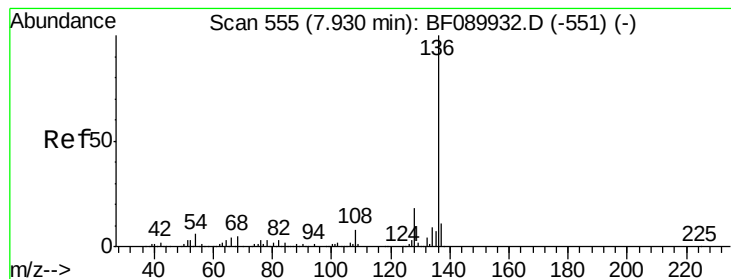
101 0.0 7.4 11.2#

130 2.1 17.0 25.4#



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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

Instrument :

BNA_F

ClientSampleId :

PB93165BL

Tot Ion:136 Resp: 724697

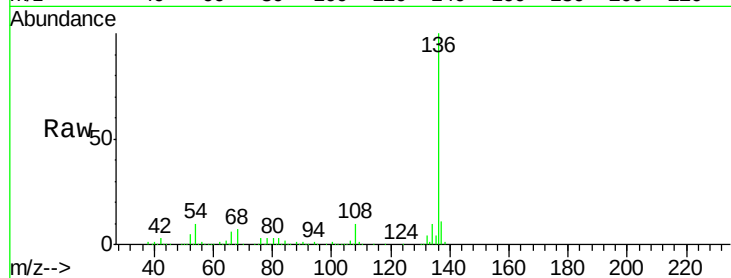
Ion Ratio Lower Upper

136 100

137 11.1 8.3 12.5

54 9.9 4.8 7.2#

68 7.0 3.7 5.5#

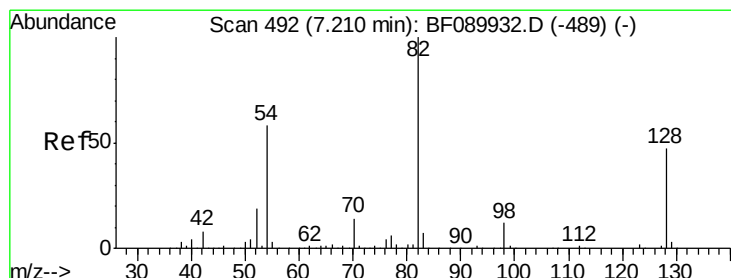
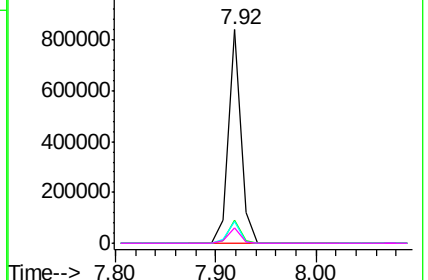
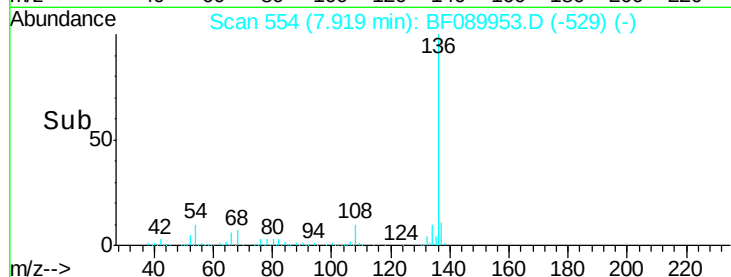


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.11 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

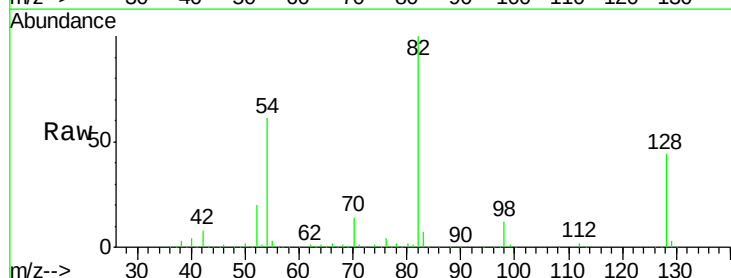
Tgt Ion: 82 Resp: 1038571

Ion Ratio Lower Upper

82 100

128 44.0 37.8 56.8

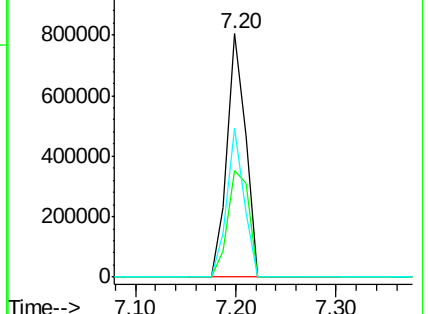
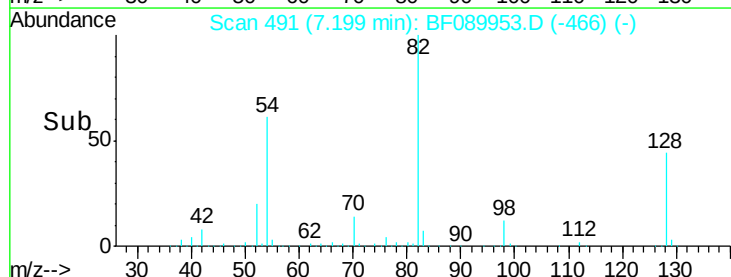
54 60.9 46.9 70.3

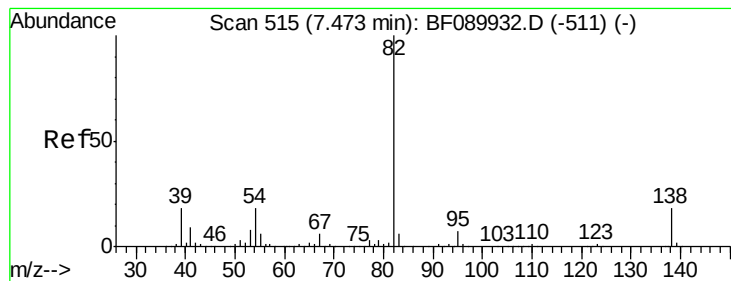


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.47 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

Instrument :

BNA_F

ClientSampleID :

PB93165BL

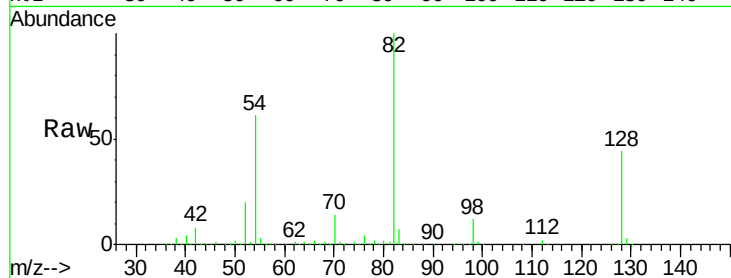
Tot Ion: 82 Resp: 875797

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#

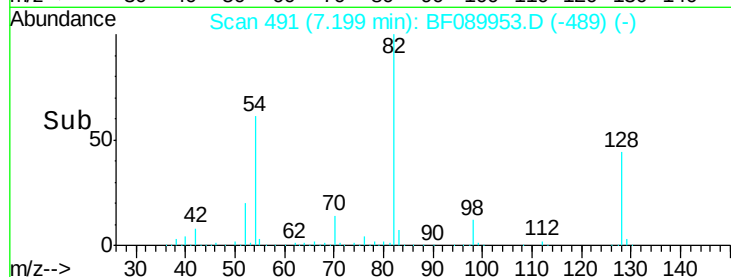


Abundance Ion 82.00 (81.70 to 82.70): BF089953.D (-489) (-)

Ion 95.00 (94.70 to 95.70): BF089953.D (-489) (-)

Ion 138.00 (137.70 to 138.70): BF089953.D (-489) (-)

Time-->

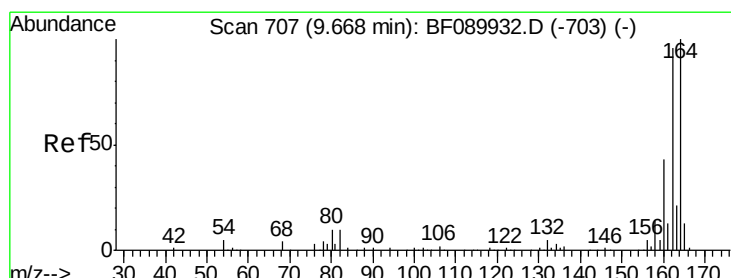


Abundance Ion 82.00 (81.70 to 82.70): BF089953.D (-489) (-)

Ion 95.00 (94.70 to 95.70): BF089953.D (-489) (-)

Ion 138.00 (137.70 to 138.70): BF089953.D (-489) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

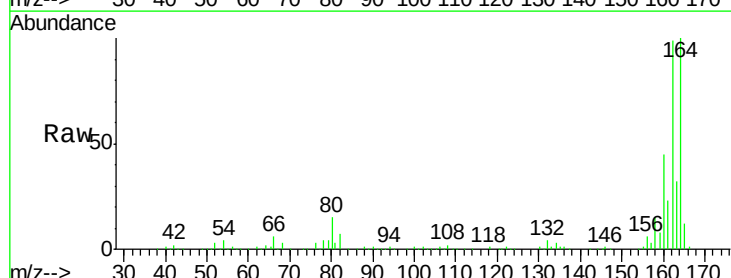
Tgt Ion:164 Resp: 361643

Ion Ratio Lower Upper

164 100

162 99.3 77.1 115.7

160 44.7 35.3 52.9

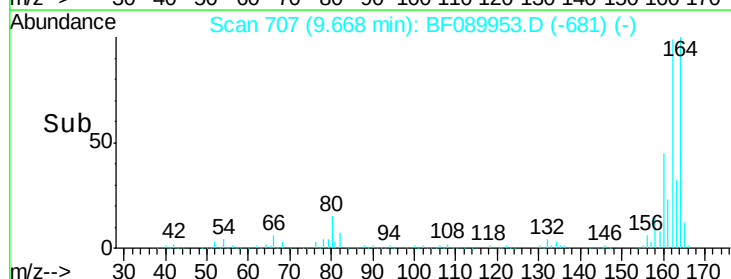


Abundance Ion 164.00 (163.70 to 164.70): BF089953.D (-681) (-)

Ion 162.00 (161.70 to 162.70): BF089953.D (-681) (-)

Ion 160.00 (159.70 to 160.70): BF089953.D (-681) (-)

Time-->

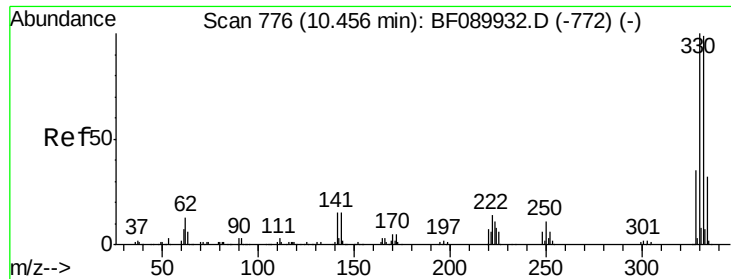


Abundance Ion 164.00 (163.70 to 164.70): BF089953.D (-681) (-)

Ion 162.00 (161.70 to 162.70): BF089953.D (-681) (-)

Ion 160.00 (159.70 to 160.70): BF089953.D (-681) (-)

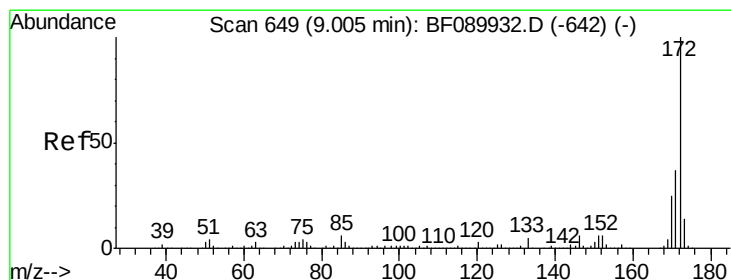
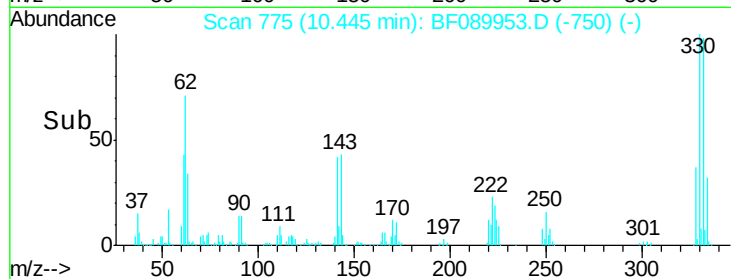
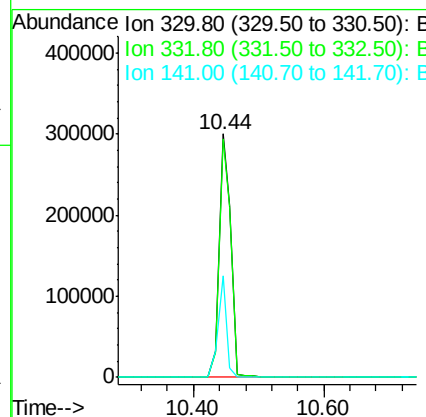
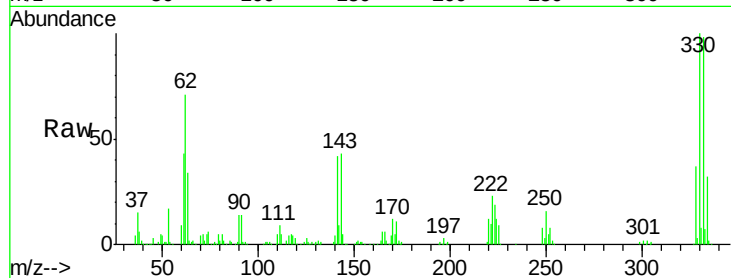
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 107.59 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089953.D
 Acq: 31 Aug 2016 16:32

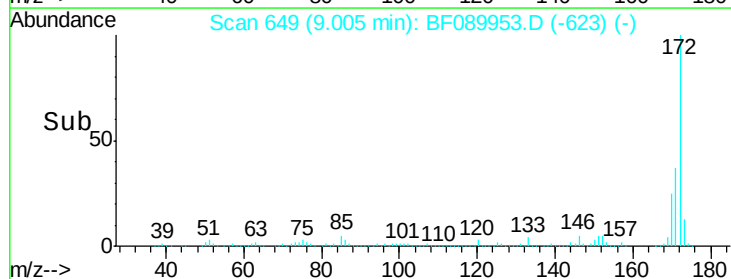
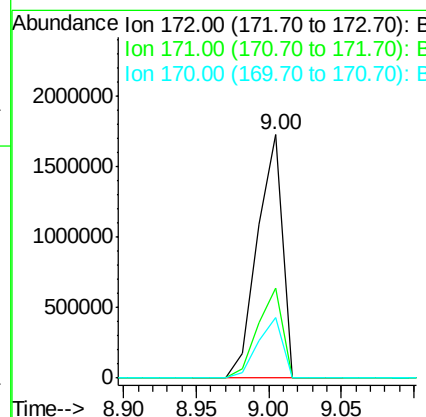
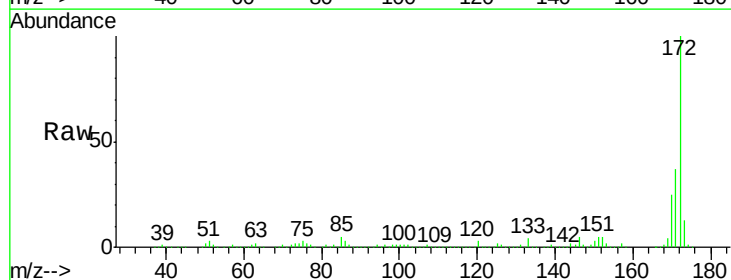
Instrument :
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 PB93165BL

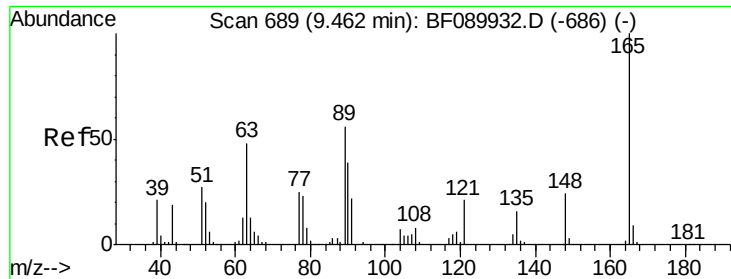
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	117.8
141	30.8	23.3	34.9



#44
 2-Fluorobiphenyl
 Concen: 93.66 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089953.D
 Acq: 31 Aug 2016 16:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	24.7	20.1	30.1

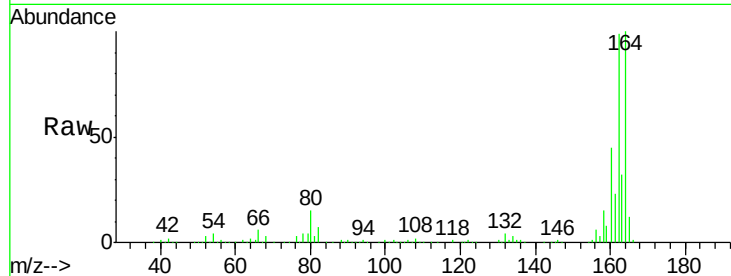




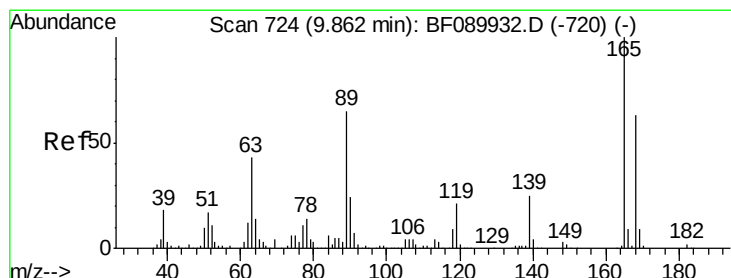
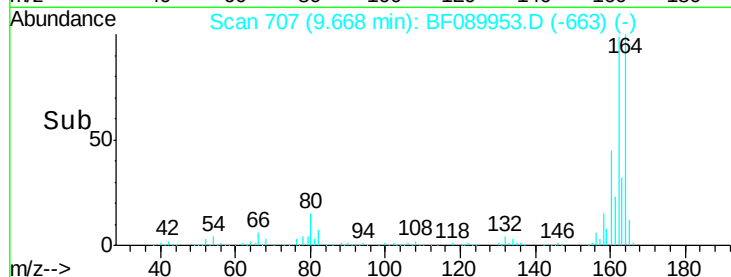
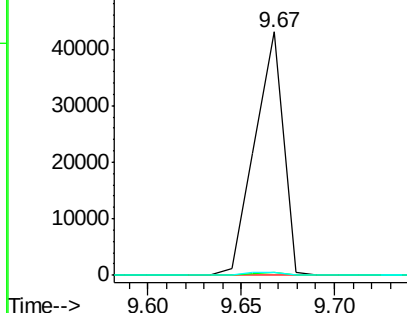
#50
 2,6-Dinitrotoluene
 Concen: 7.84 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.21 min
 Lab File: BF089953.D
 Acq: 31 Aug 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.0	67.4#
89	1.2	41.5	62.3#

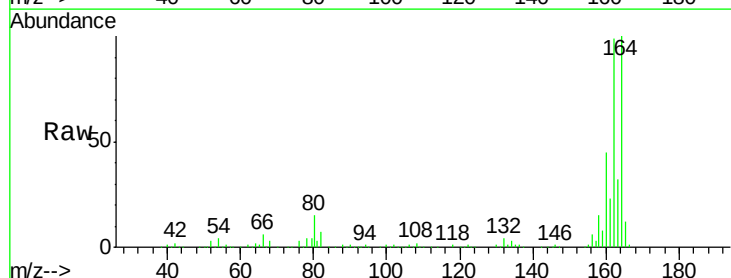


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

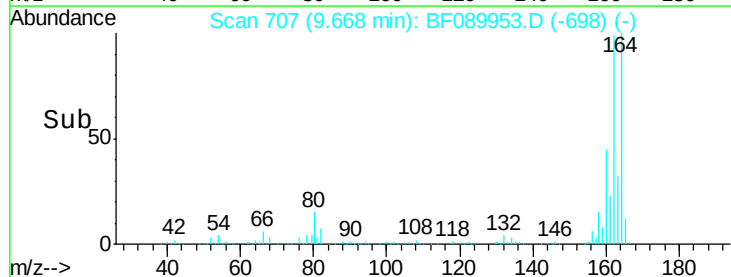
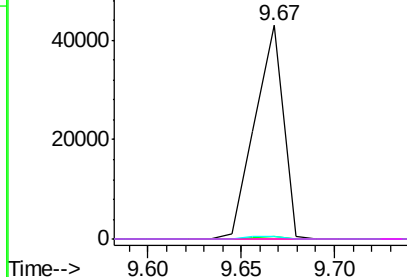


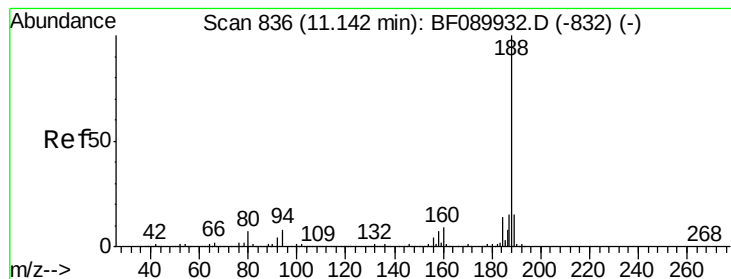
#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.19 min
 Lab File: BF089953.D
 Acq: 31 Aug 2016 16:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.5	48.7#
89	1.2	48.3	72.5#
182	0.0	1.7	2.5#



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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

Instrument :

BNA_F

ClientSampleId :

PB93165BL

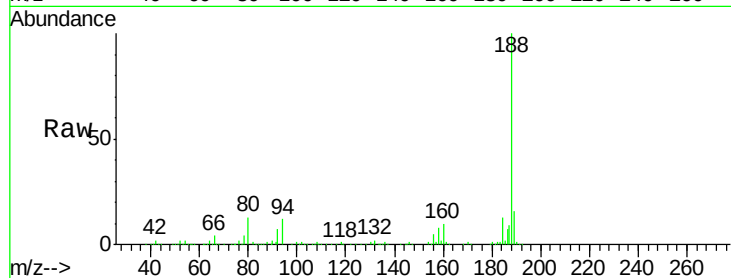
Tot Ion:188 Resp: 586311

Ion Ratio Lower Upper

188 100

94 12.0 5.9 8.9#

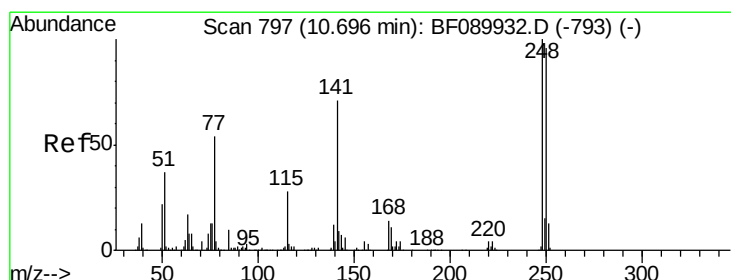
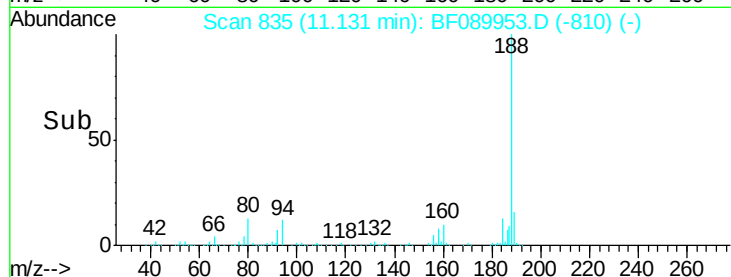
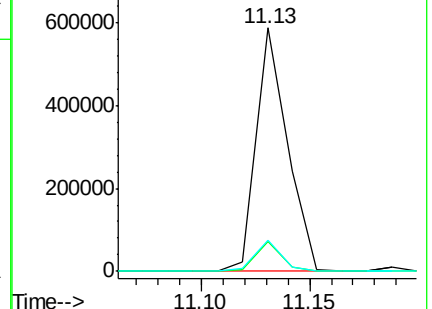
80 12.6 5.8 8.8#



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



#66

4-Bromophenyl-phenylether

Concen: 4.05 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

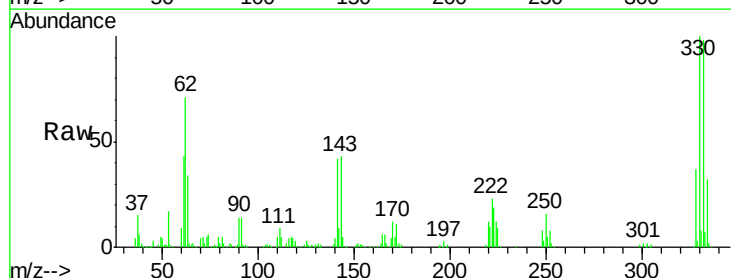
Tgt Ion:248 Resp: 23922

Ion Ratio Lower Upper

248 100

250 197.3 77.3 115.9#

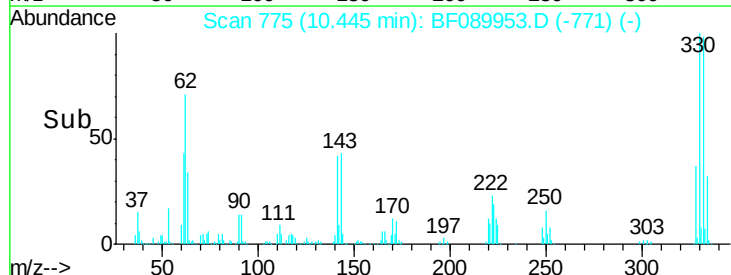
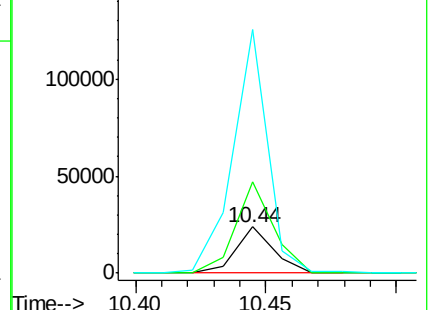
141 527.7 55.8 83.8#

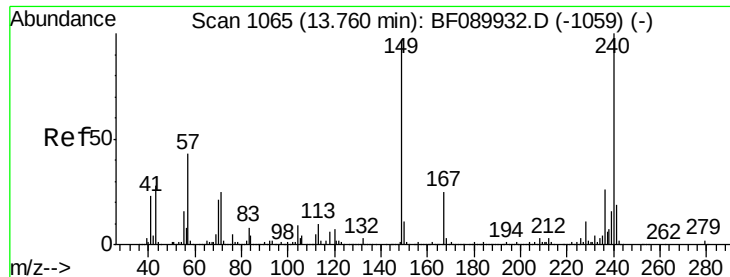


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF089953.D

Acq: 31 Aug 2016 16:32

Instrument :

BNA_F

ClientSampleId :

PB93165BL

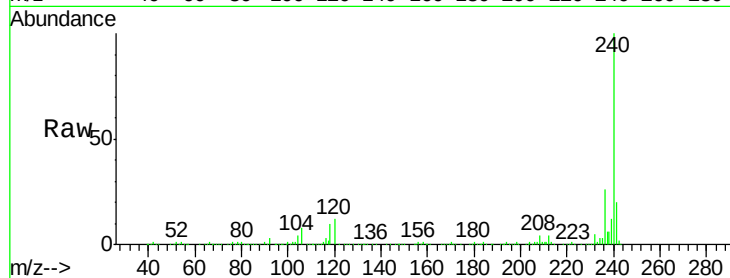
Tot Ion:240 Resp: 463159

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

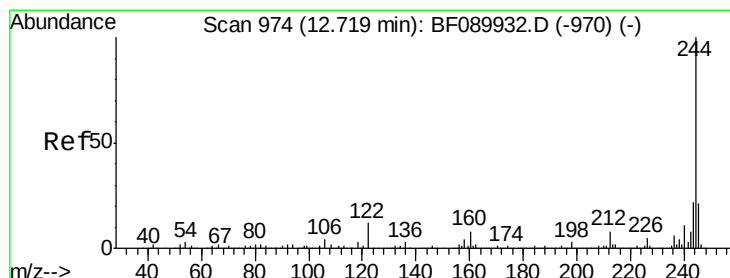
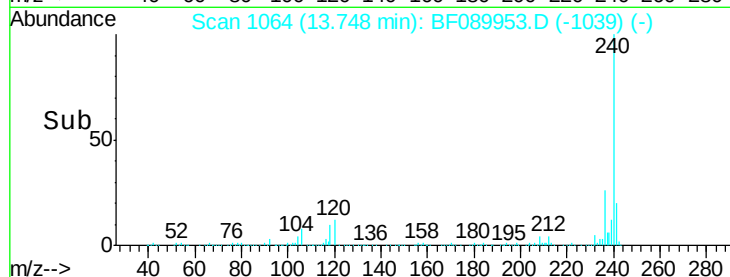
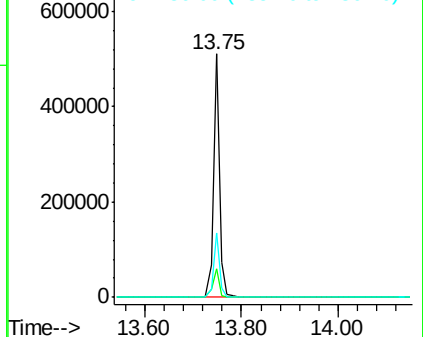
236 26.3 21.3 31.9



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: 78.41 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

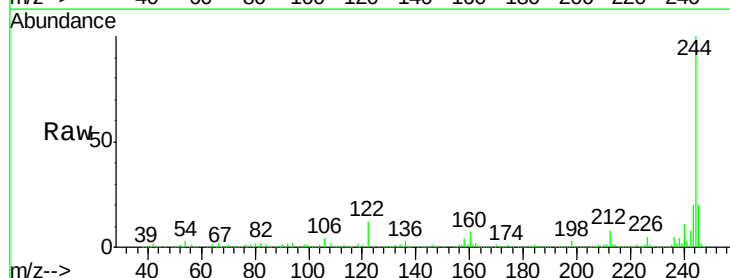
Tgt Ion:244 Resp: 1470075

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

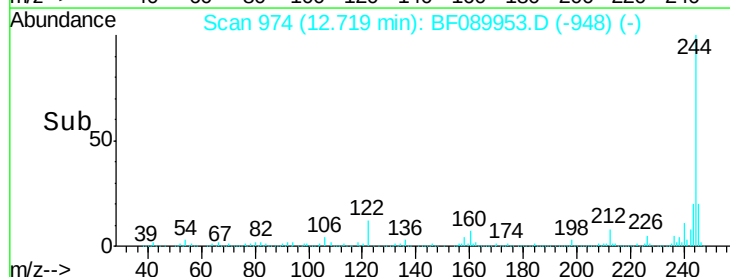
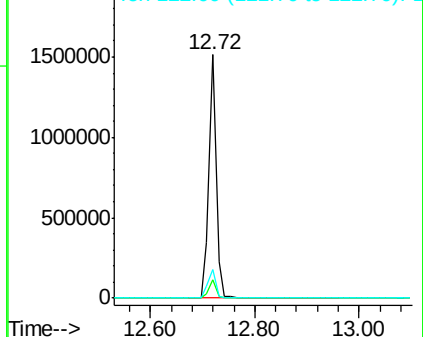
122 11.8 9.6 14.4

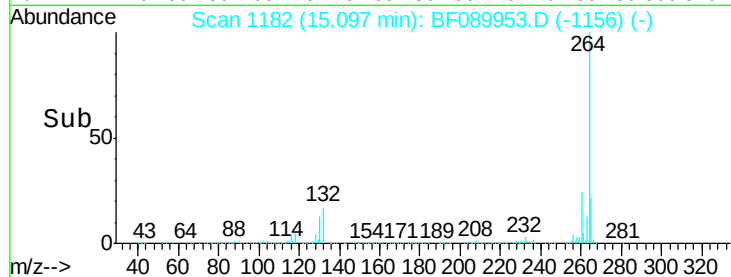
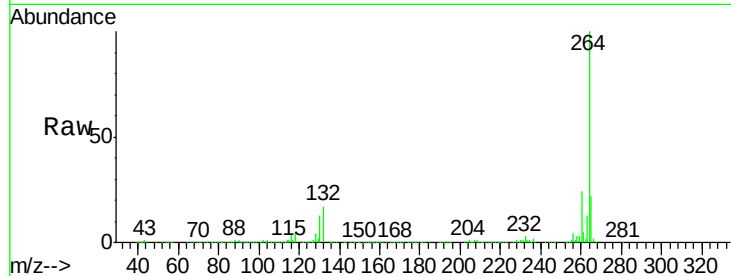
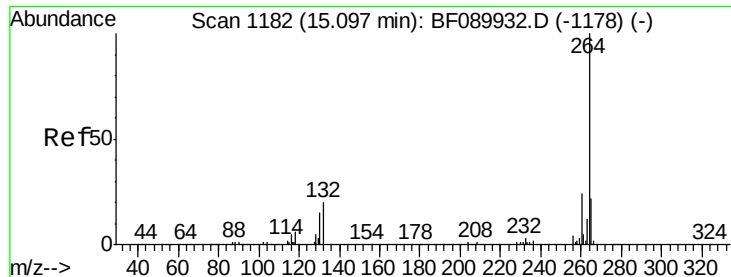


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089953.D
 Acq: 31 Aug 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.9	17.4	26.2

