

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
 Data File : BF089084.D
 Acq On : 18 Jul 2016 15:06
 Operator : UM/SJ
 Sample : PB92185BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BL

Quant Time: Jul 19 03:14:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

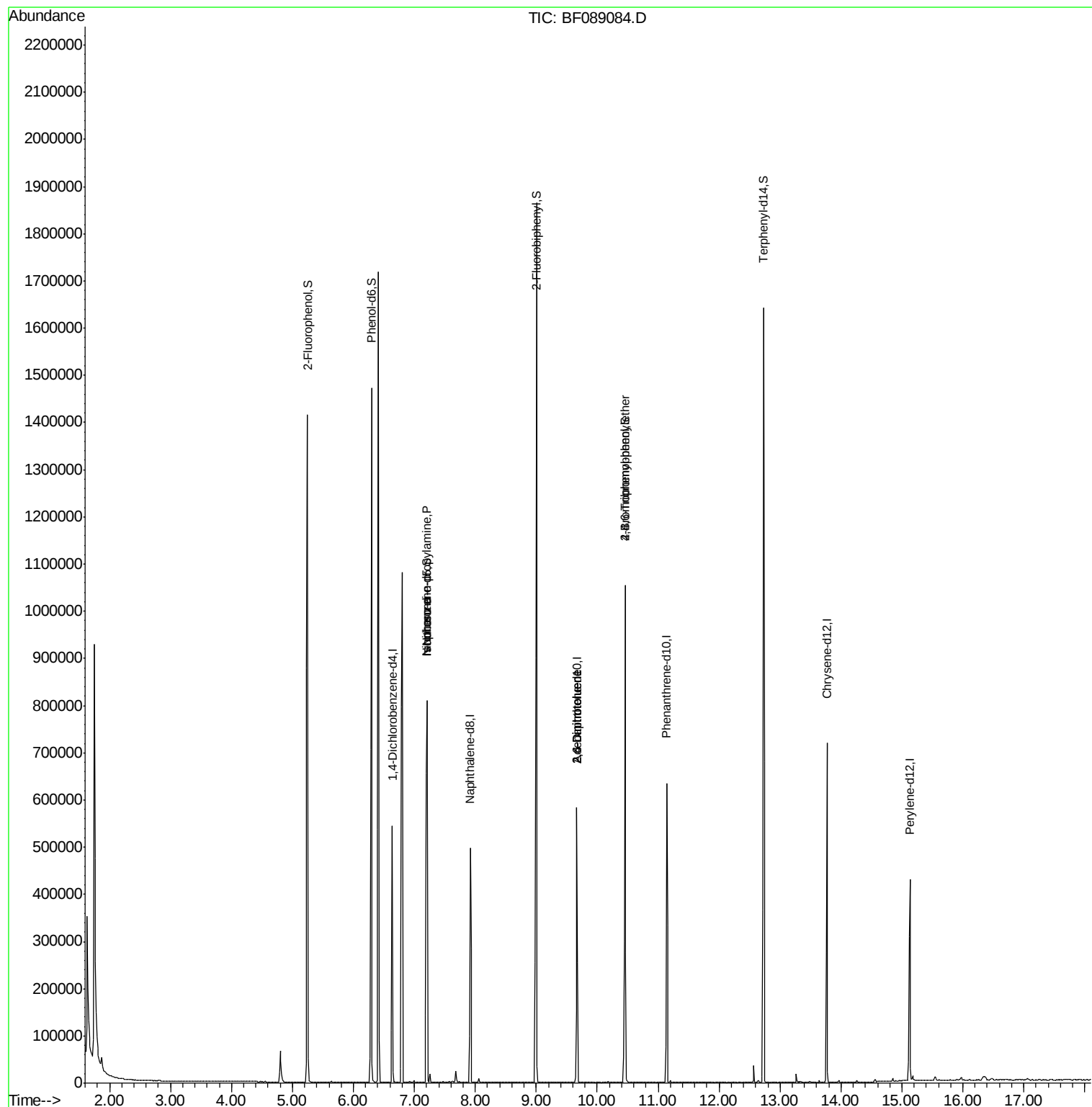
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	74957	20.00	ng	-0.07
21) Naphthalene-d8	7.92	136	293971	20.00	ng	-0.08
38) Acenaphthene-d10	9.67	164	141760	20.00	ng	-0.08
63) Phenanthrene-d10	11.14	188	285564	20.00	ng	-0.08
75) Chrysene-d12	13.77	240	244886	20.00	ng	-0.08
86) Perylene-d12	15.13	264	201092	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	468799	93.73	ng	-0.05
7) Phenol-d6	6.30	99	555623	85.98	ng	-0.06
23) Nitrobenzene-d5	7.21	82	391247	69.75	ng	-0.07
41) 2,4,6-Tribromophenol	10.46	330	123650	93.93	ng	-0.08
44) 2-Fluorobiphenyl	9.00	172	690326	76.92	ng	-0.07
78) Terphenyl-d14	12.73	244	596084	54.22	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	52833	12.17	ng	# 70
25) Isophorone	7.21	82	356911	34.35	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	18194	8.13	ng	# 37
56) 2,4-Dinitrotoluene	9.67	165	18194	6.22	ng	# 36
66) 4-Bromophenyl-phenylether	10.46	248	9547	3.32	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. -0.07 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

Instrument :

BNA_F

ClientSampleId :

PB92185BL

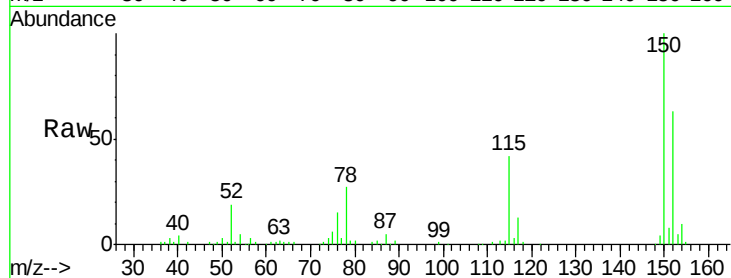
Tgt Ion:152 Resp: 74957

Ion Ratio Lower Upper

152 100

150 158.7 123.8 185.6

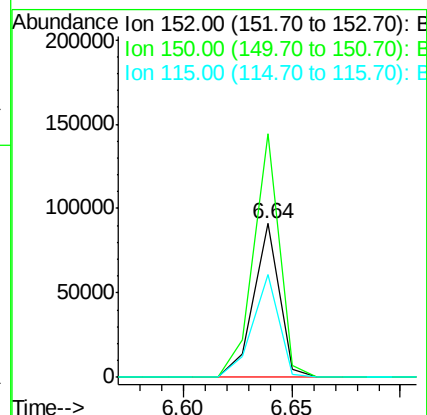
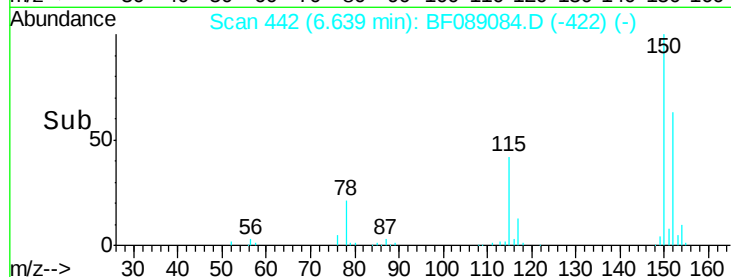
115 66.8 39.6 59.4#



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: 93.73 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.05 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

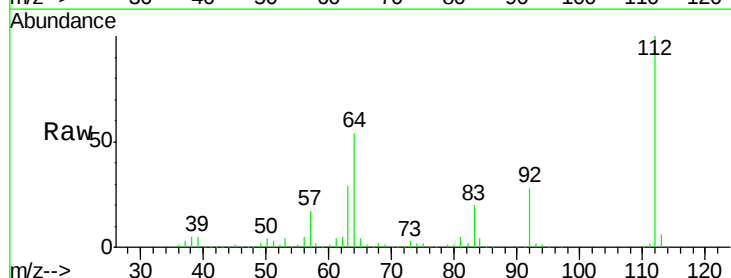
Tgt Ion:112 Resp: 468799

Ion Ratio Lower Upper

112 100

64 54.2 42.2 63.2

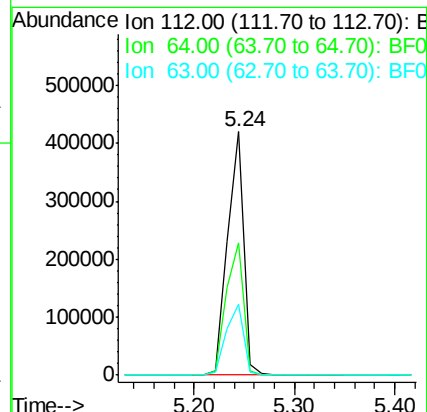
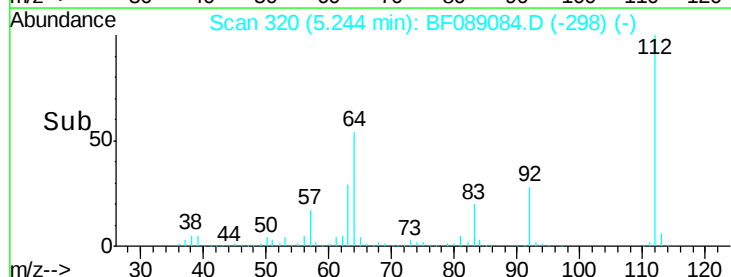
63 29.1 21.8 32.8



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: 85.98 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

Instrument :

BNA_F

ClientSampleId :

PB92185BL

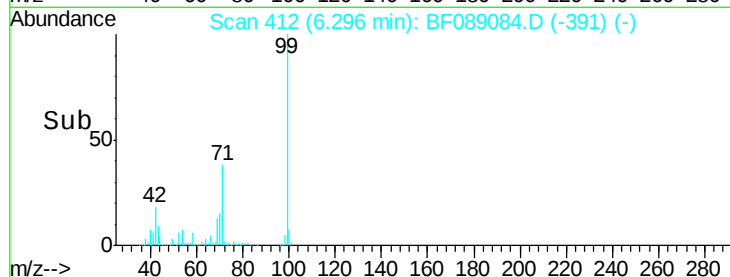
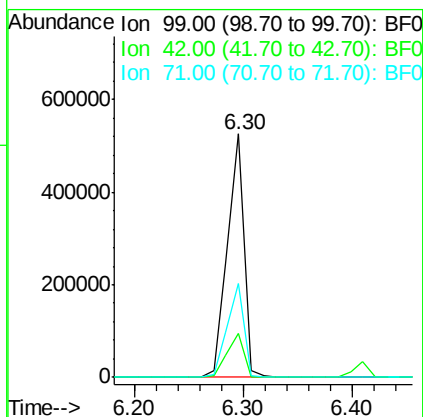
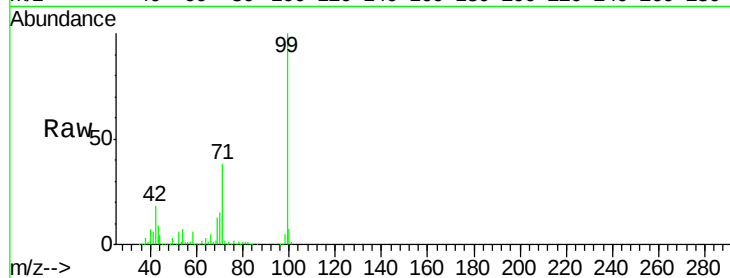
Tgt Ion: 99 Resp: 555623

Ion Ratio Lower Upper

99 100

42 18.3 12.2 18.2#

71 38.3 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.17 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.07 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

Tgt Ion: 70 Resp: 52833

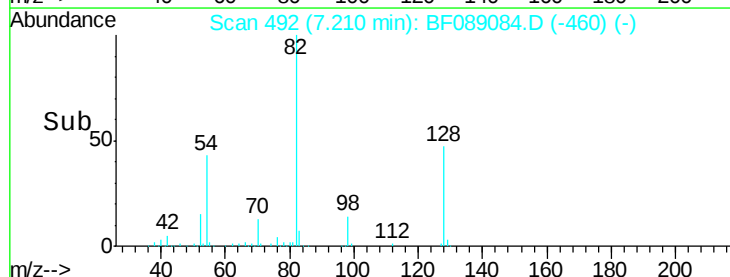
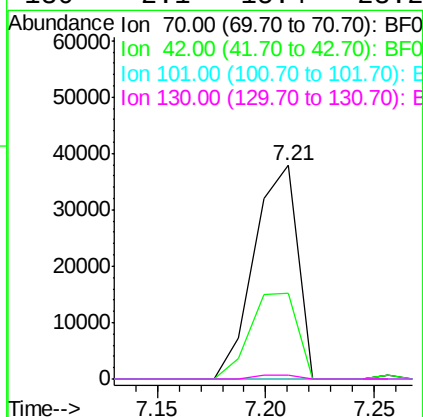
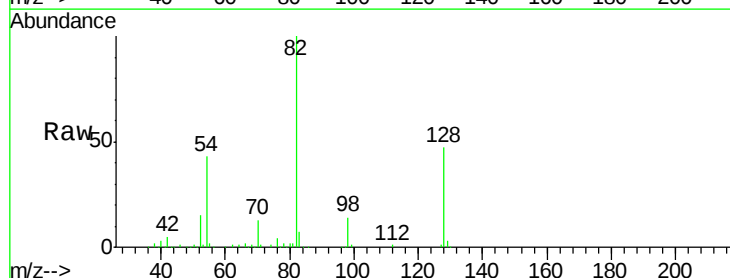
Ion Ratio Lower Upper

70 100

42 40.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.08 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

Instrument :

BNA_F

ClientSampleId :

PB92185BL

Tgt Ion:136 Resp: 293971

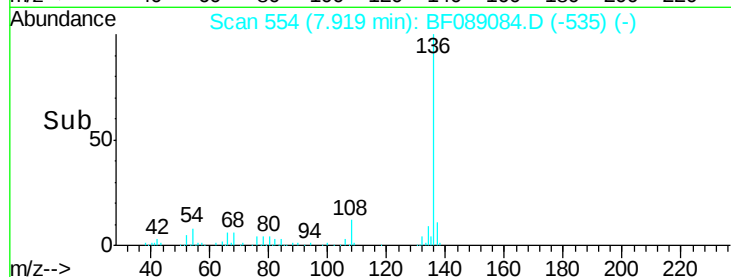
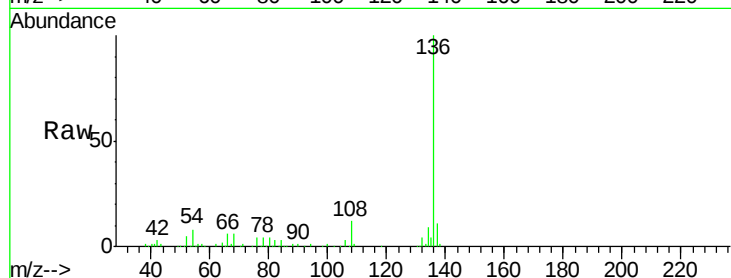
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.3 6.6 10.0

68 6.3 5.1 7.7

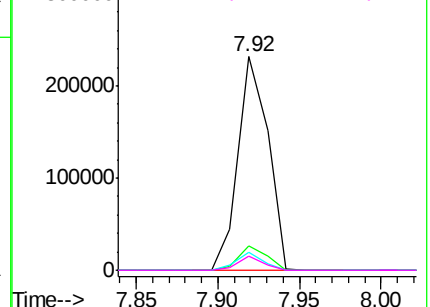


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.75 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.07 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

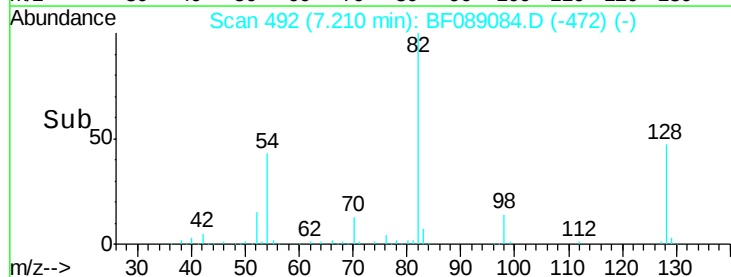
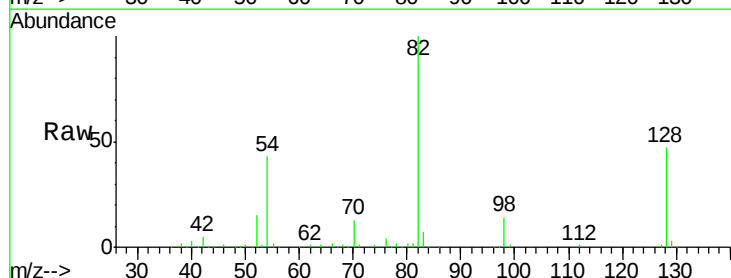
Tgt Ion: 82 Resp: 391247

Ion Ratio Lower Upper

82 100

128 47.4 35.9 53.9

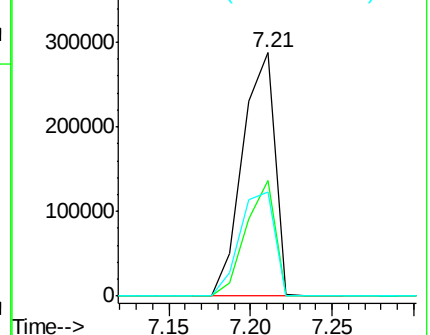
54 42.8 40.9 61.3

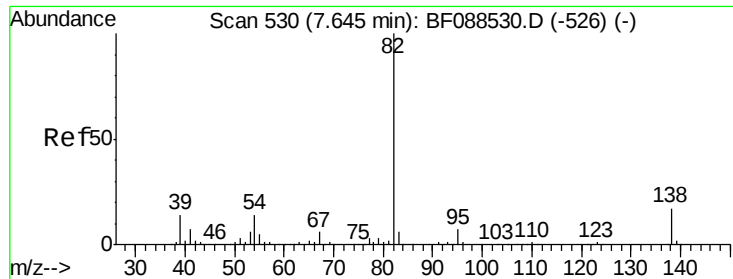


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.35 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.33 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

Instrument :

BNA_F

ClientSampleId :

PB92185BL

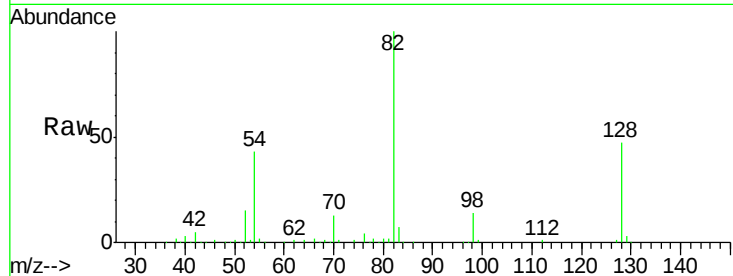
Tgt Ion: 82 Resp: 356911

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

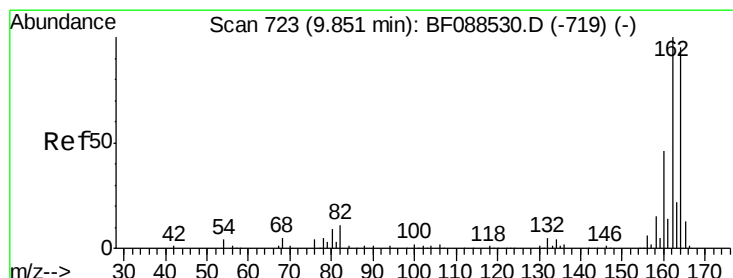
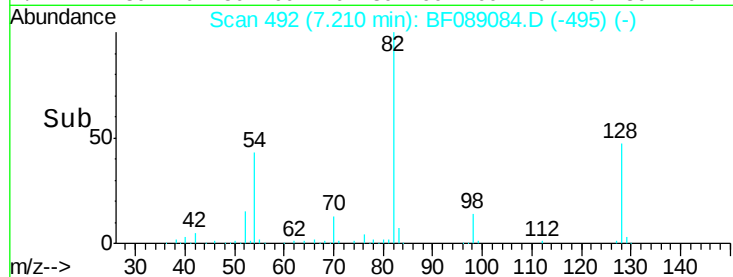
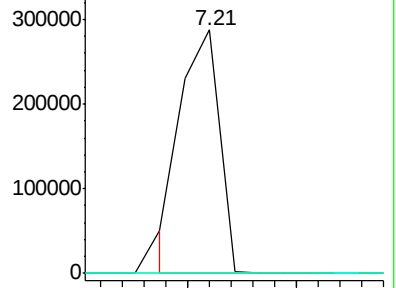
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088530.D (-526) (-)

Ion 95.00 (94.70 to 95.70): BF088530.D (-526) (-)

Ion 138.00 (137.70 to 138.70): BF088530.D (-526) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.08 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

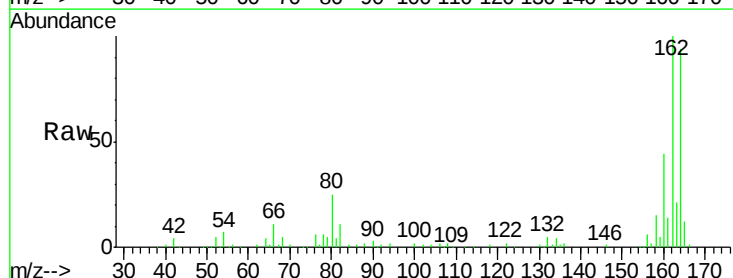
Tgt Ion: 164 Resp: 141760

Ion Ratio Lower Upper

164 100

162 106.9 85.4 128.2

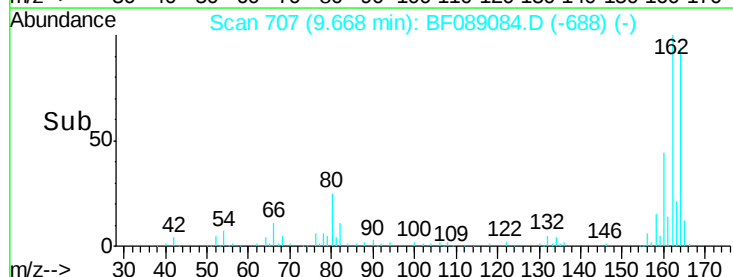
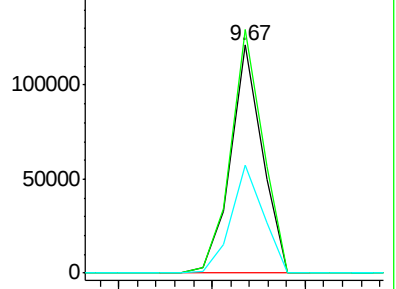
160 47.2 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): BF088530.D (-719) (-)

Ion 162.00 (161.70 to 162.70): BF088530.D (-719) (-)

Ion 160.00 (159.70 to 160.70): BF088530.D (-719) (-)

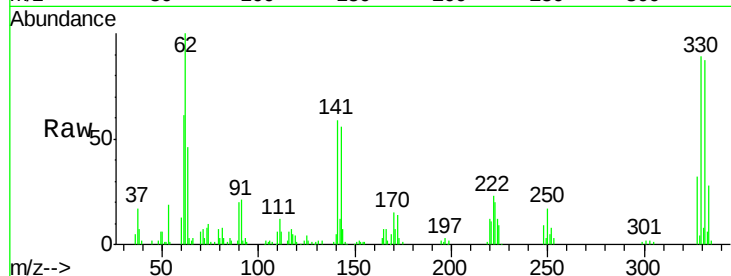




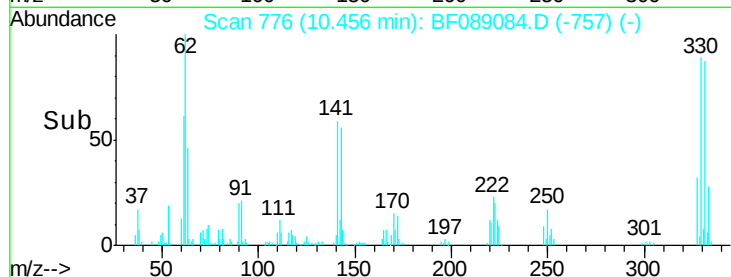
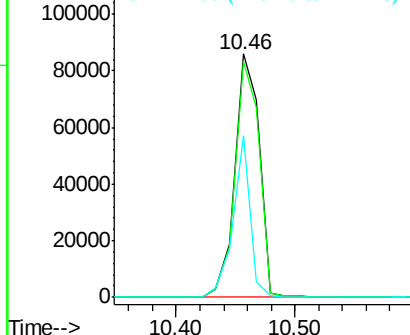
#41
 2,4,6-Tribromophenol
 Concen: 93.93 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.08 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	46.3	0.0	0.0#

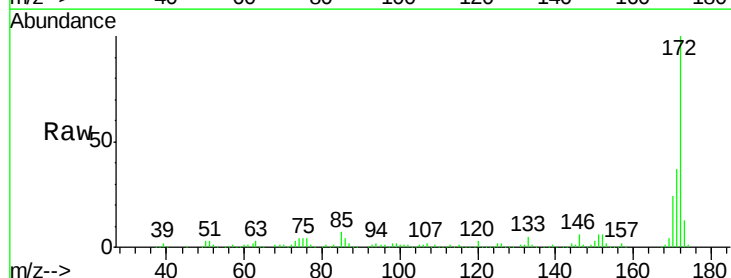


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

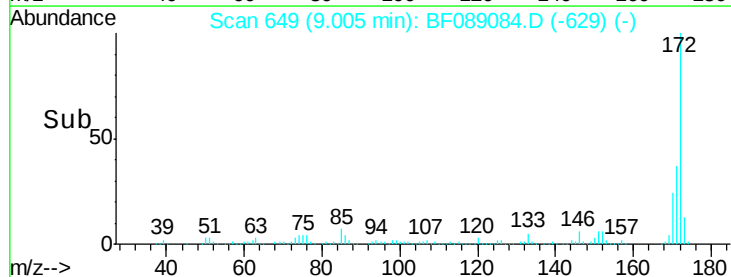
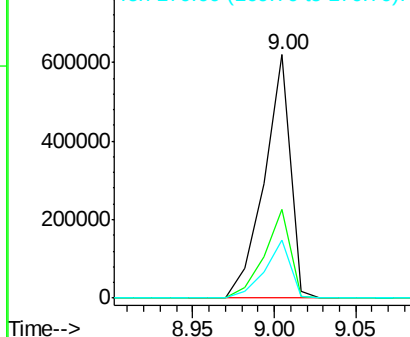


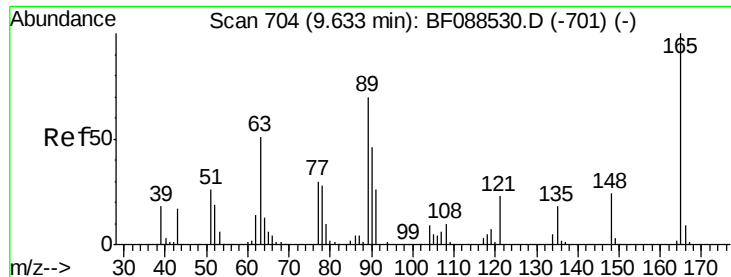
#44
 2-Fluorobiphenyl
 Concen: 76.92 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.07 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	23.9	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

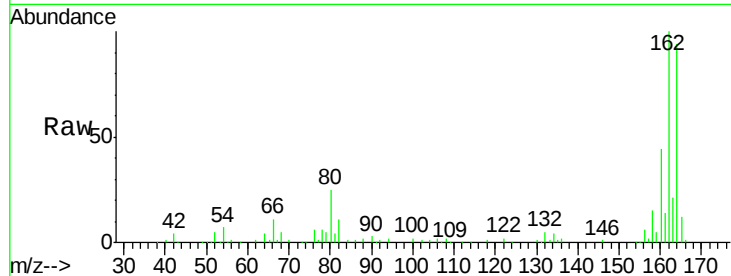




#50
 2,6-Dinitrotoluene
 Concen: 8.13 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.13 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BL

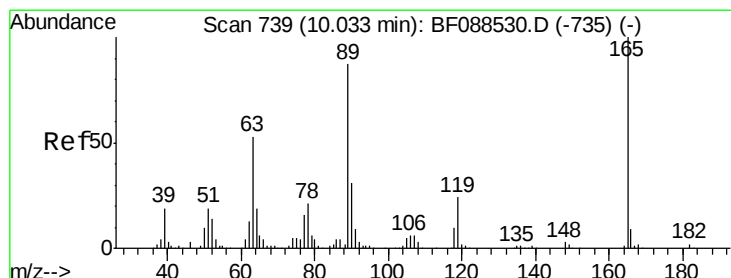
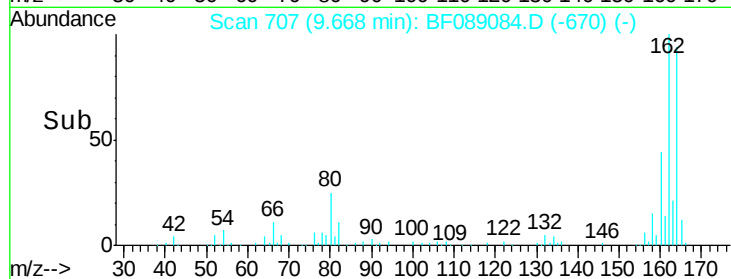
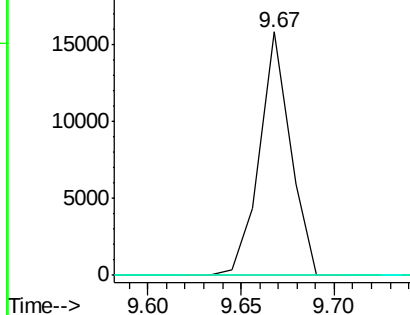
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



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: 6.22 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.27 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

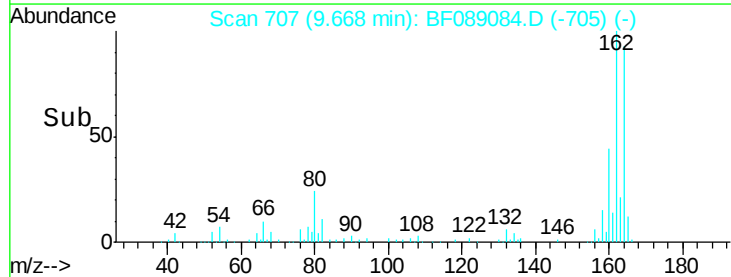
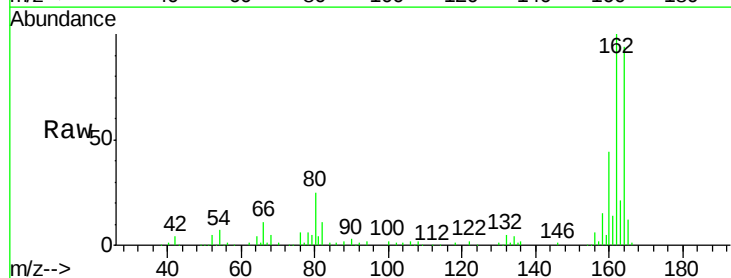
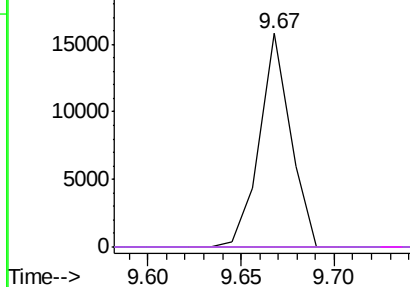
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

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

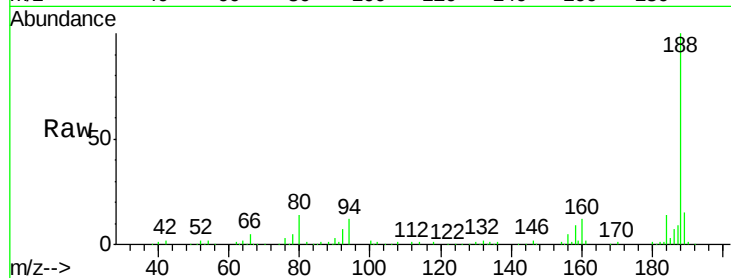




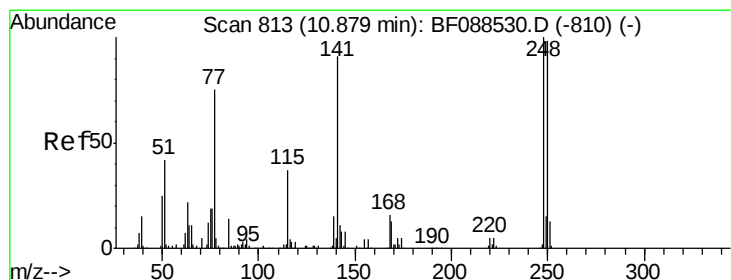
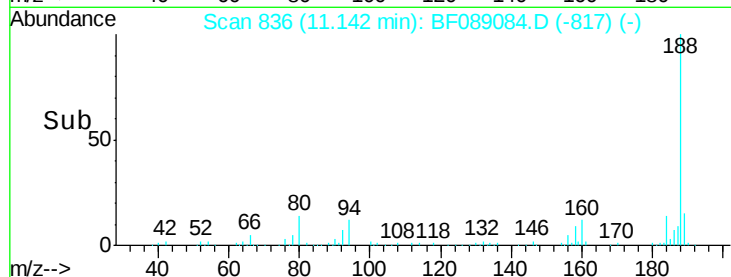
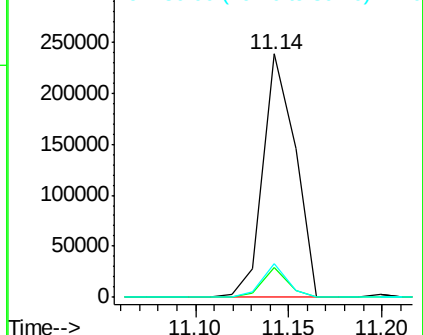
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.08 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BL

Tgt Ion:188 Resp: 285564
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.0 13.6
 80 13.9 10.0 15.0

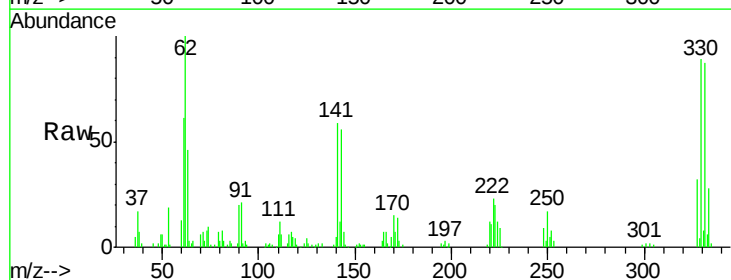


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

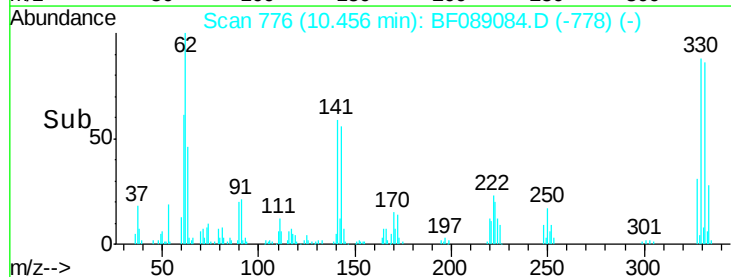
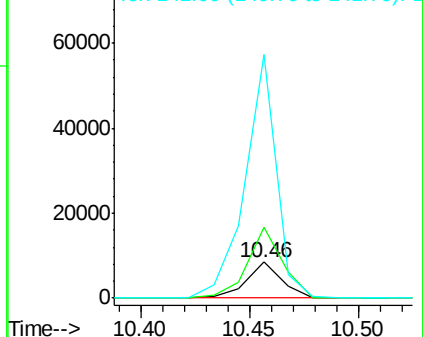


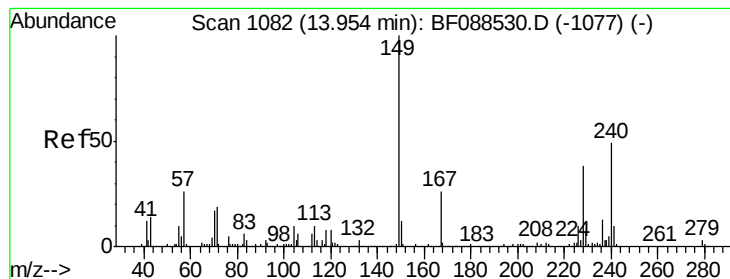
#66
 4-Bromophenyl-phenylether
 Concen: 3.32 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.32 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Tgt Ion:248 Resp: 9547
 Ion Ratio Lower Upper
 248 100
 250 196.2 77.1 115.7#
 141 677.3 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: 13.77 min Scan# 1066

Delta R.T. -0.08 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

Instrument :

BNA_F

ClientSampleId :

PB92185BL

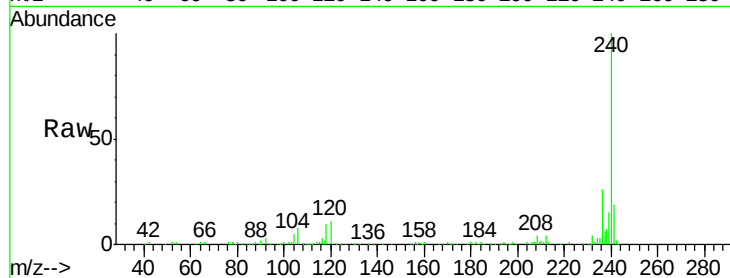
Tgt Ion:240 Resp: 244886

Ion Ratio Lower Upper

240 100

120 11.1 6.8 10.2#

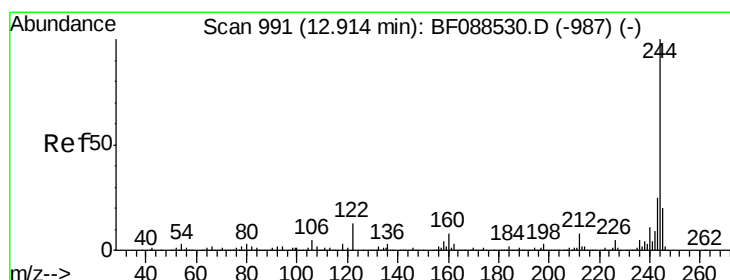
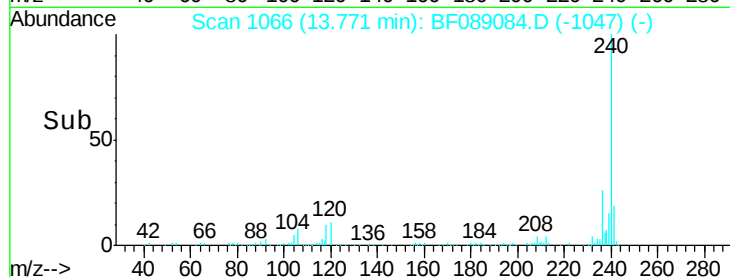
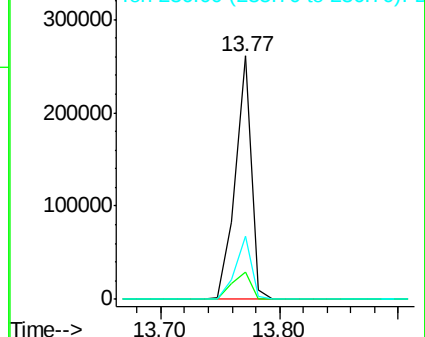
236 26.1 20.2 30.2



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: 54.22 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.07 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

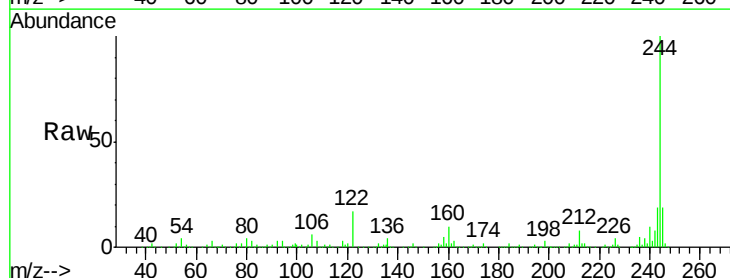
Tgt Ion:244 Resp: 596084

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

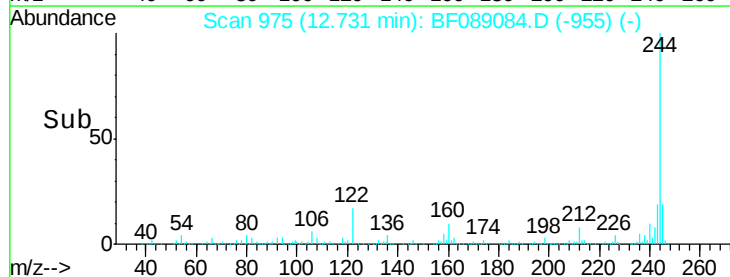
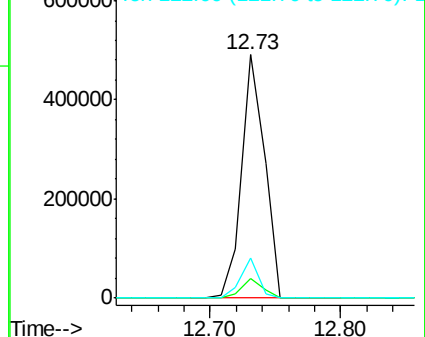
122 16.5 11.2 16.8

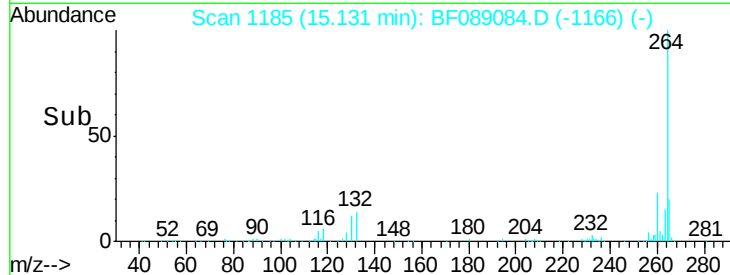
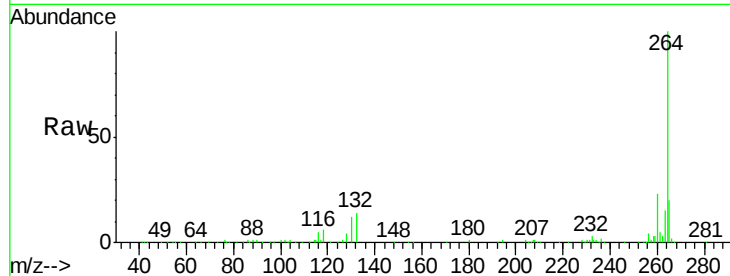
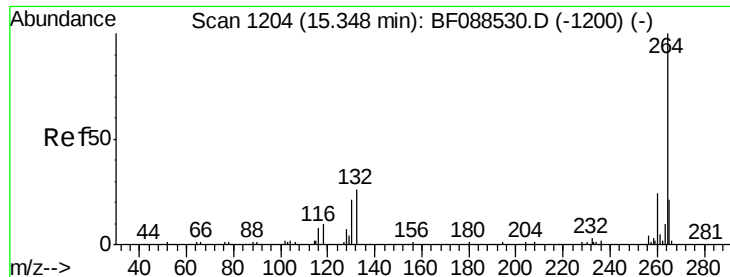


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.08 min
Lab File: BF089084.D
Acq: 18 Jul 2016 15:06

Instrument :
BNA_F
ClientSampleId :
PB92185BL

Tgt Ion:	264	Resp:	201092
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	20.5	16.9	25.3

