

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085806.D
 Acq On : 28 Mar 2016 17:25
 Operator : UM/SJ
 Sample : PB89249BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BL

Quant Time: Mar 29 03:34:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

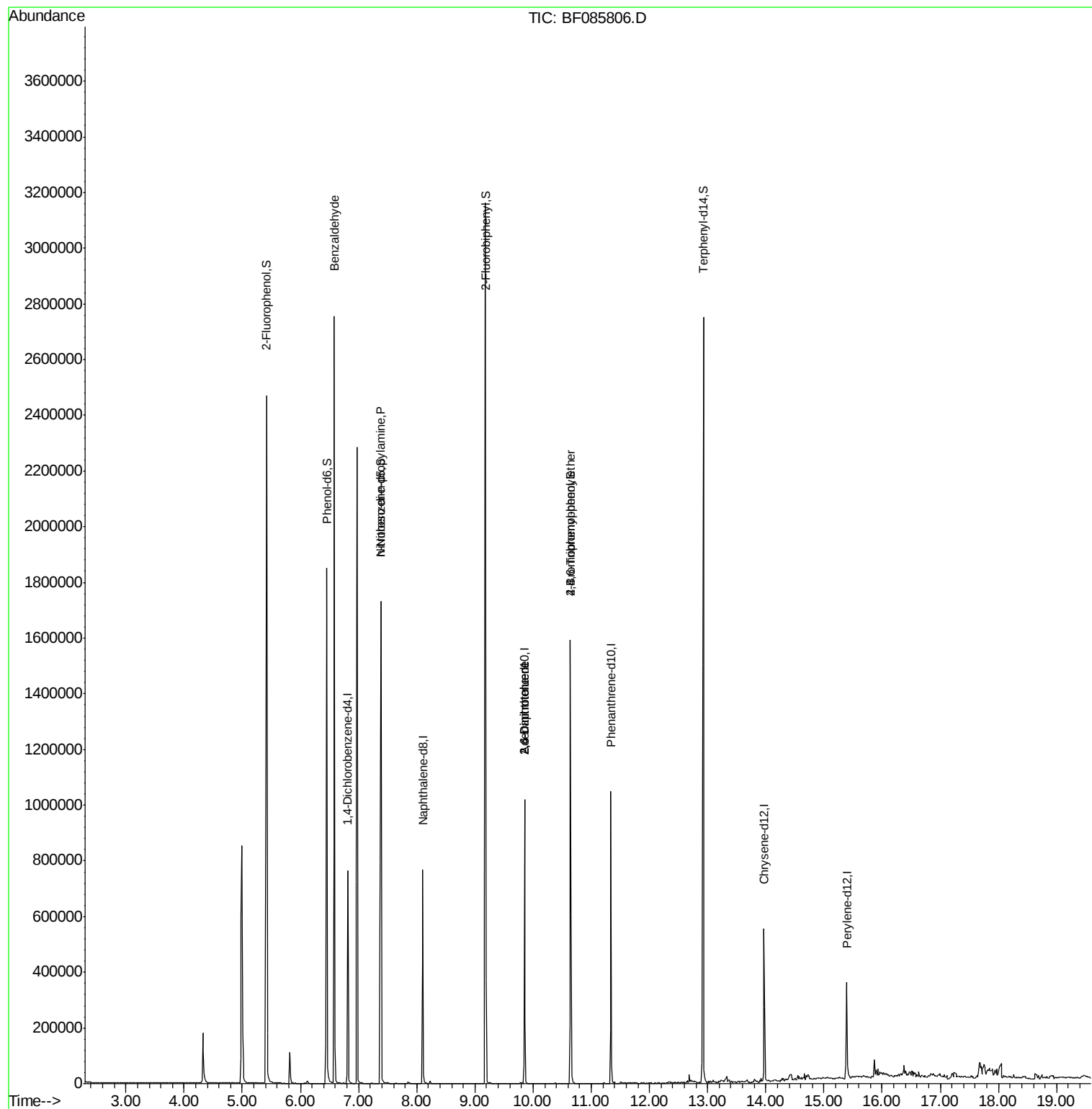
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	111089	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	438711	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	193666	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	361983	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	205131	20.00	ng	-0.01
86) Perylene-d12	15.40	264	184743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	780322	116.98	ng	0.01
7) Phenol-d6	6.46	99	1034289	121.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	653229	83.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	220372	119.76	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	968939	83.59	ng	-0.01
78) Terphenyl-d14	12.93	244	991381	99.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	17060	3.34	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.38	70	85028	16.74	ng	# 76
50) 2,6-Dinitrotoluene	9.85	165	24132	7.63	ng	# 19
56) 2,4-Dinitrotoluene	9.85	165	24132	6.00	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	13999	3.78	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: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085806.D

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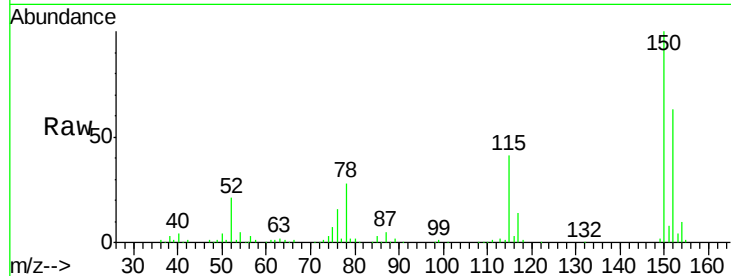
Tgt Ion:152 Resp: 111089

Ion Ratio Lower Upper

152 100

150 158.9 124.2 186.2

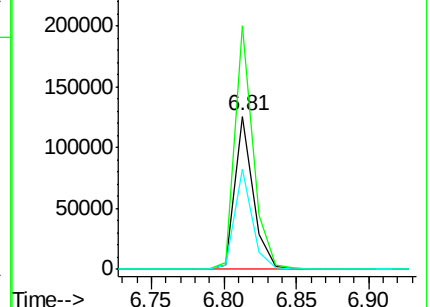
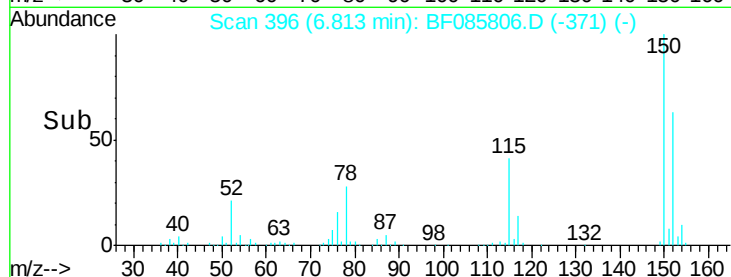
115 65.8 47.0 70.6



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: 116.98 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085806.D

Acq: 28 Mar 2016 17:25

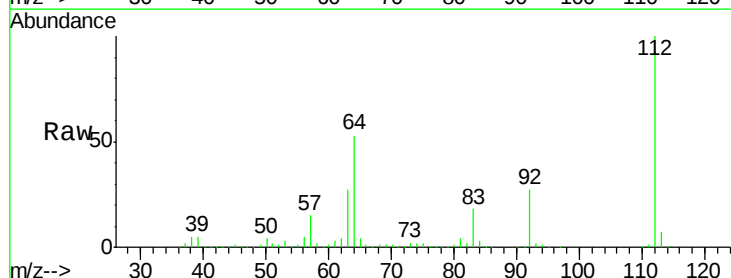
Tgt Ion:112 Resp: 780322

Ion Ratio Lower Upper

112 100

64 53.4 39.9 59.9

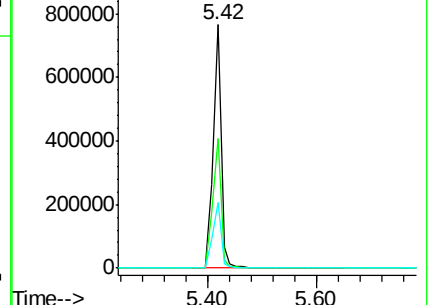
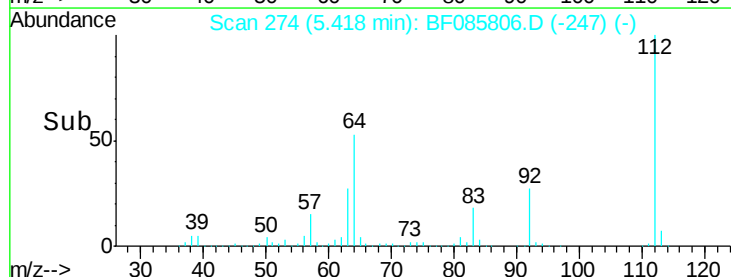
63 27.0 20.2 30.2



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: 121.96 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085806.D

Acq: 28 Mar 2016 17:25

Instrument :

BNA_F

ClientSampled :

PB89249BL

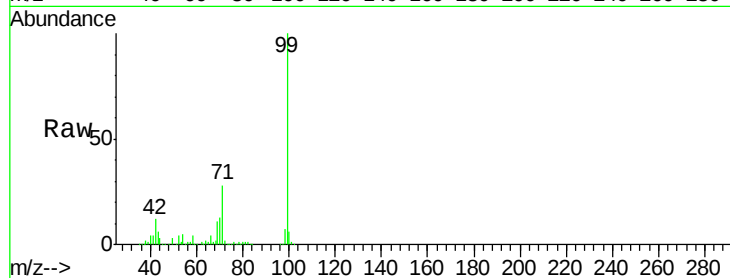
Tgt Ion: 99 Resp: 1034289

Ion Ratio Lower Upper

99 100

42 11.6 11.1 16.7

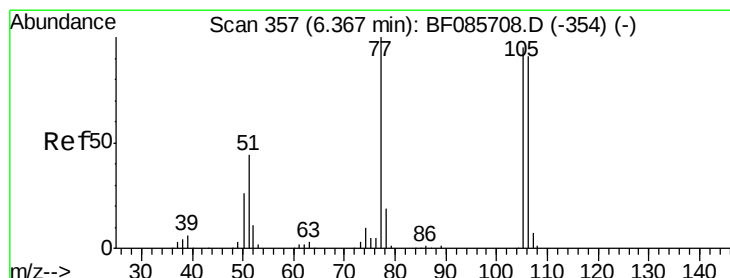
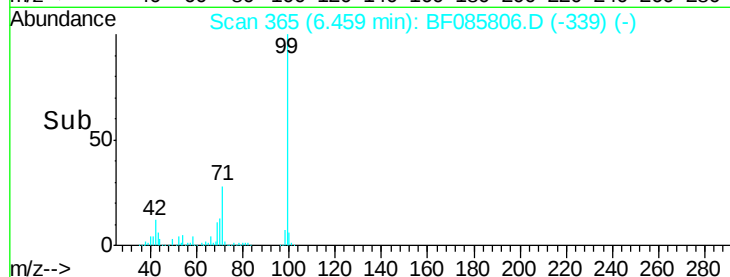
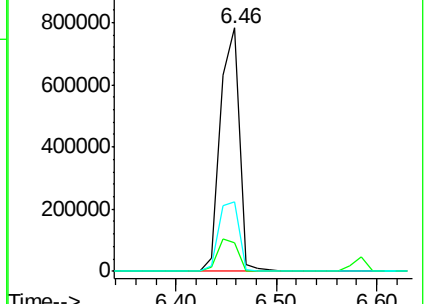
71 28.4 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.34 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085806.D

Acq: 28 Mar 2016 17:25

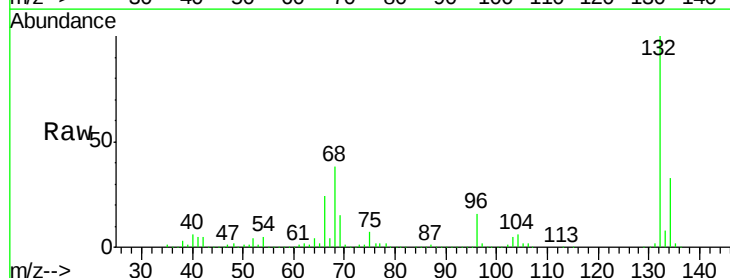
Tgt Ion: 77 Resp: 17060

Ion Ratio Lower Upper

77 100

105 87.6 80.1 120.1

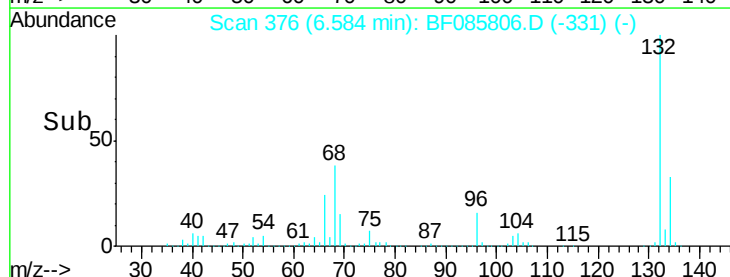
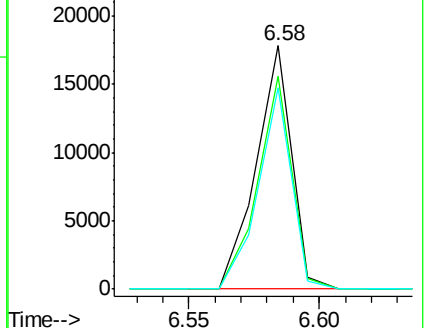
106 82.5 75.0 115.0

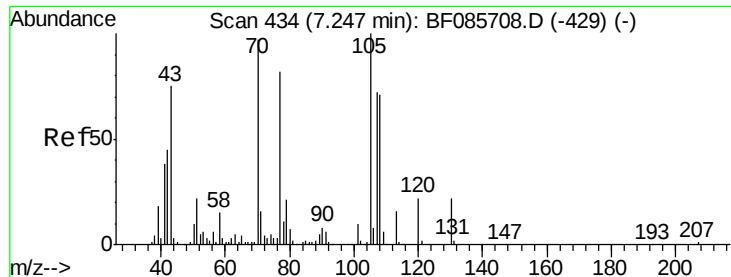


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

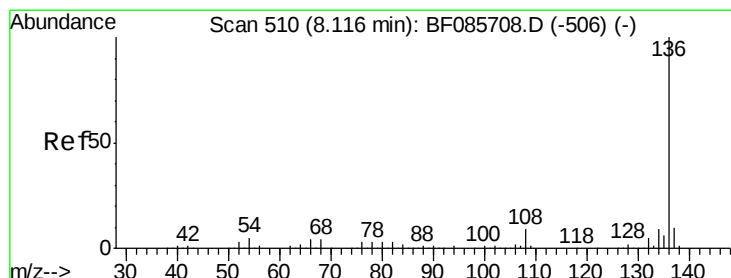
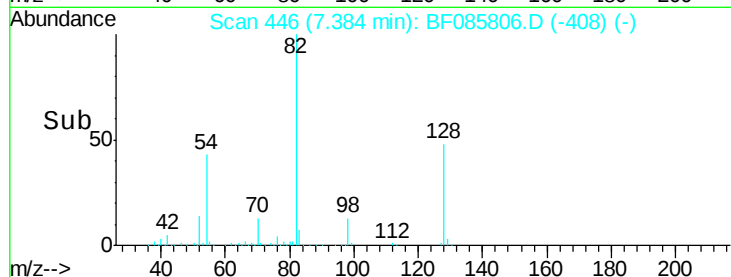
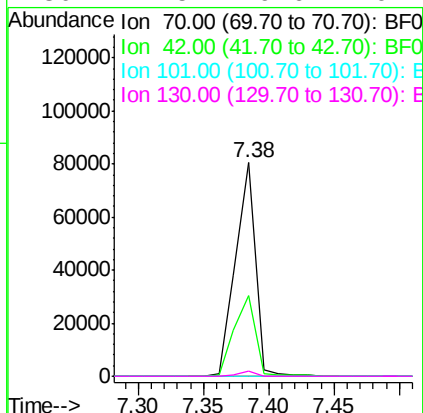
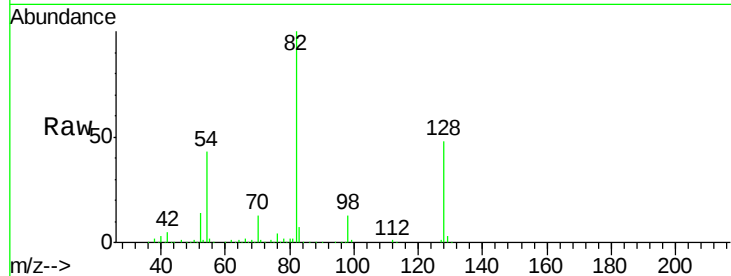




#19
n-Nitroso-di-n-propylamine
Concen: 16.74 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085806.D
Acq: 28 Mar 2016 17:25

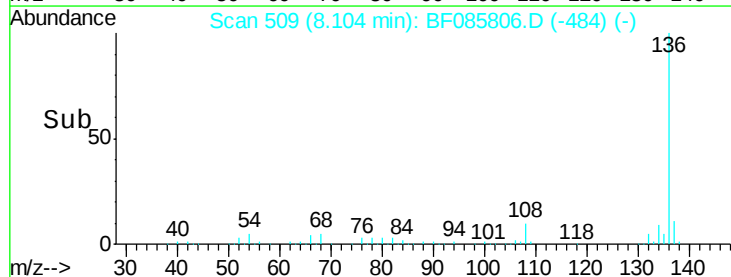
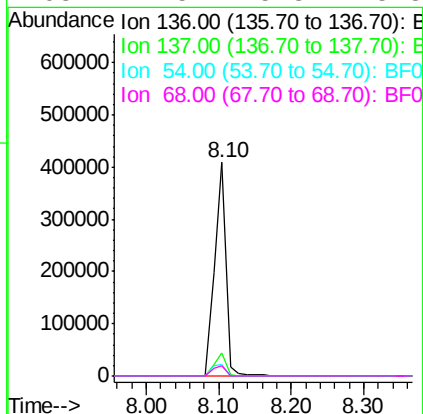
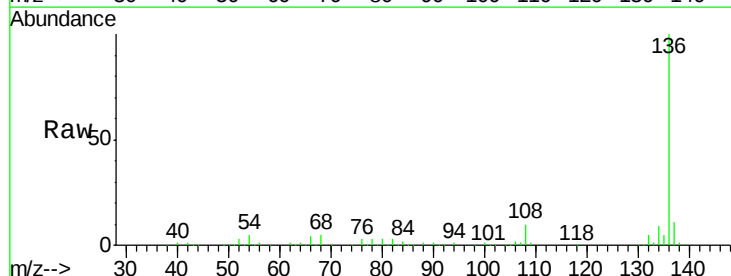
Instrument :
BNA_F
ClientSampleId :
PB89249BL

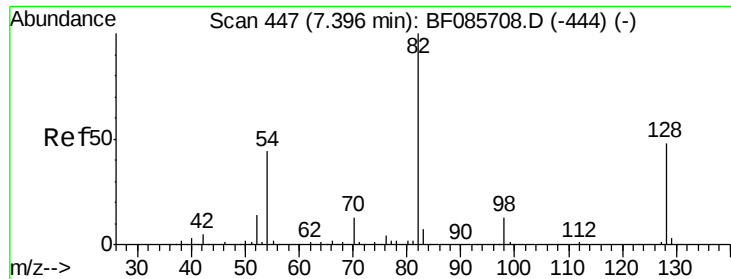
Tgt Ion: 70 Resp: 85028
Ion Ratio Lower Upper
70 100
42 38.1 37.1 55.7
101 0.0 8.6 12.8#
130 2.5 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085806.D
Acq: 28 Mar 2016 17:25

Tgt Ion: 136 Resp: 438711
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.4 7.4 11.0#
68 4.5 5.8 8.8#

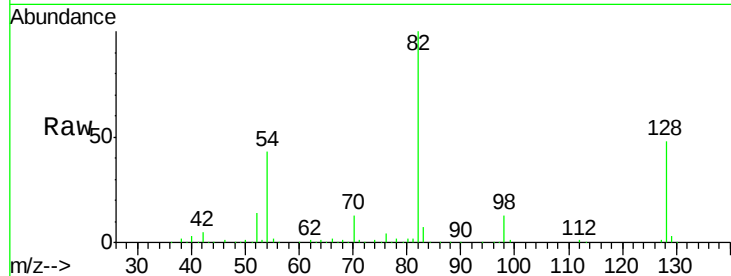




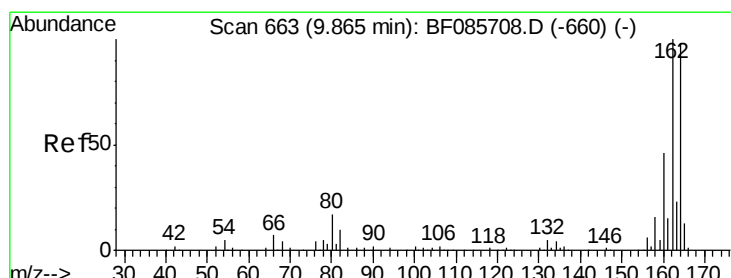
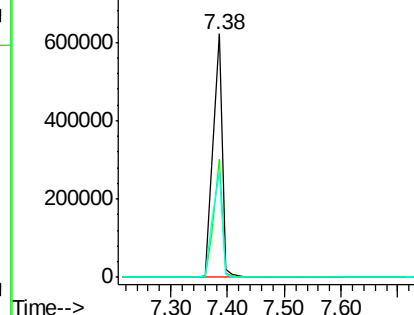
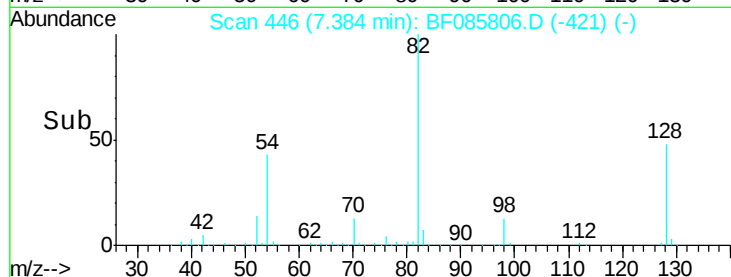
#23
 Nitrobenzene-d5
 Concen: 83.85 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085806.D
 Acq: 28 Mar 2016 17:25

Instrument :
 BNA_F
 ClientSampled :
 PB89249BL

Tgt Ion: 82 Resp: 653229
 Ion Ratio Lower Upper
 82 100
 128 48.4 41.8 62.8
 54 43.2 33.4 50.0

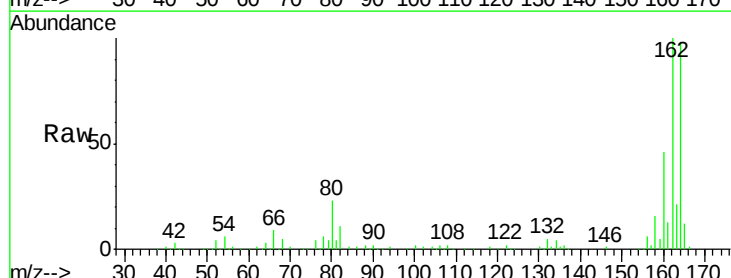


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

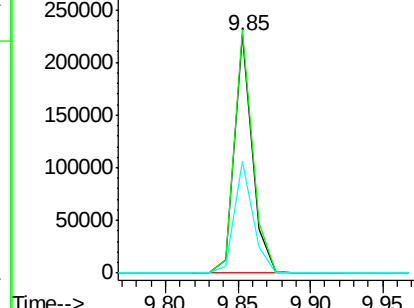
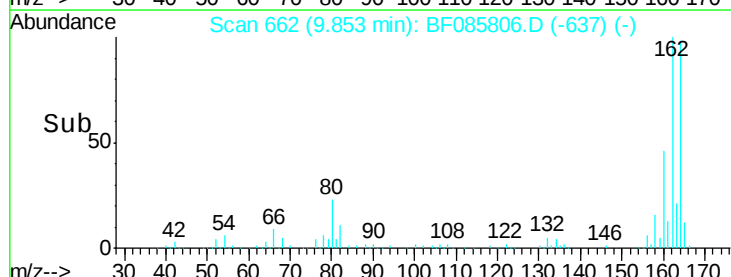


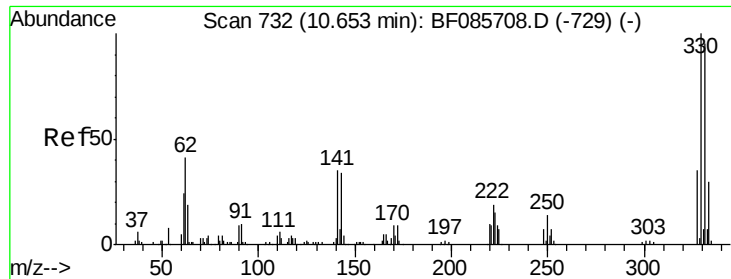
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085806.D
 Acq: 28 Mar 2016 17:25

Tgt Ion: 164 Resp: 193666
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 46.9 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

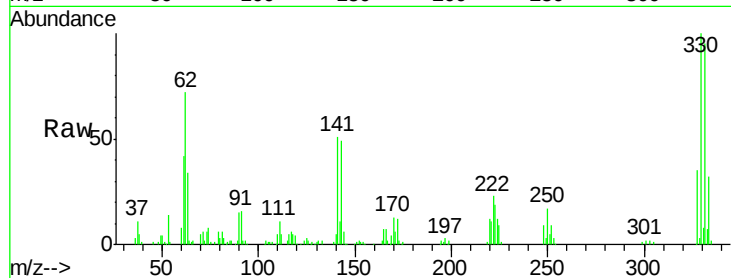




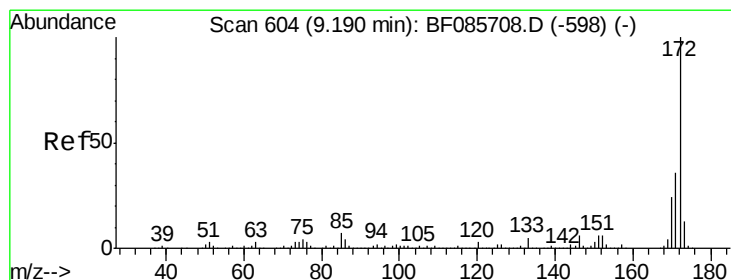
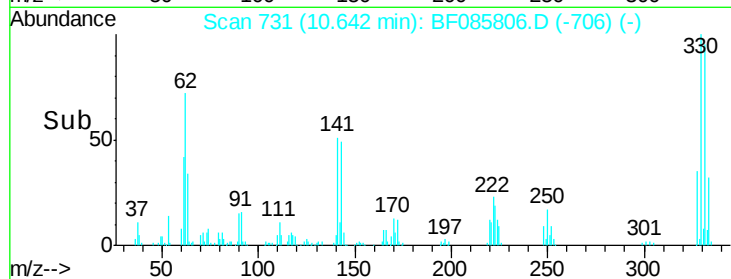
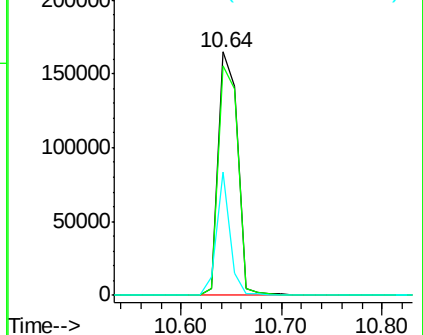
#41
 2,4,6-Tribromophenol
 Concen: 119.76 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085806.D
 Acq: 28 Mar 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89249BL

Tgt Ion:330 Resp: 220372
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 35.4 31.5 47.3

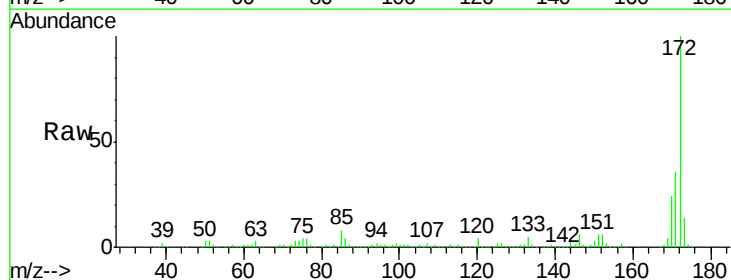


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

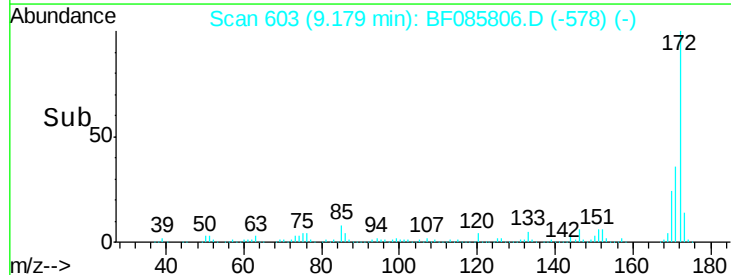
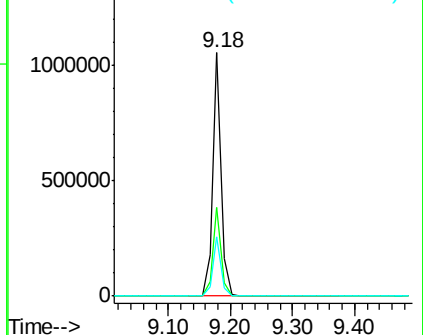


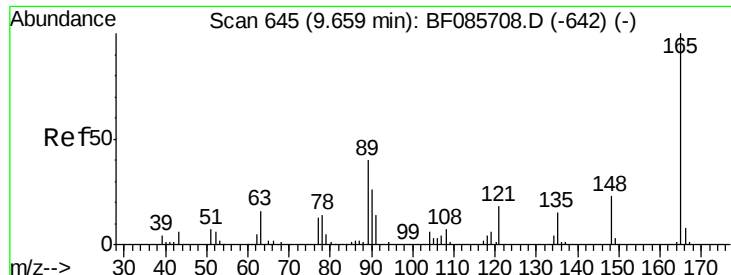
#44
 2-Fluorobiphenyl
 Concen: 83.59 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085806.D
 Acq: 28 Mar 2016 17:25

Tgt Ion:172 Resp: 968939
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.3 19.8 29.6



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

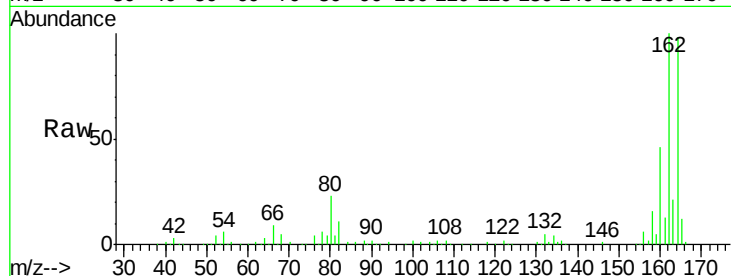




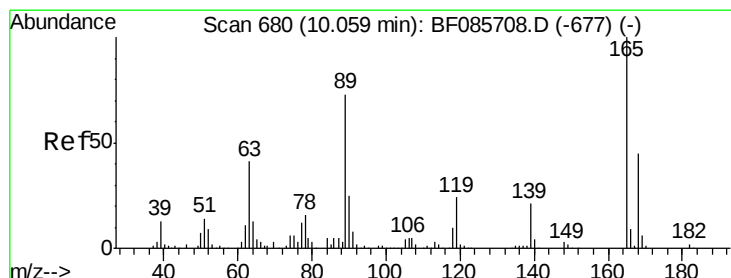
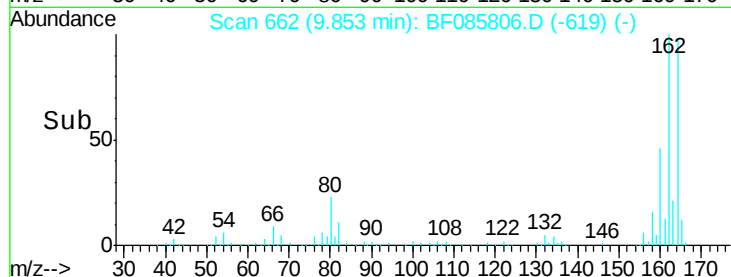
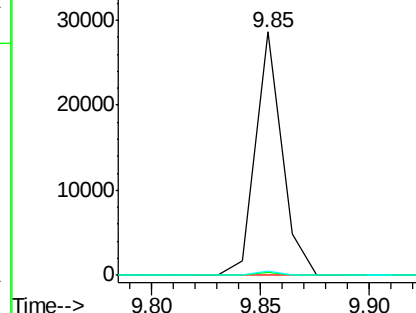
#50
 2,6-Dinitrotoluene
 Concen: 7.63 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085806.D
 Acq: 28 Mar 2016 17:25

Instrument :
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 PB89249BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.8#
89	1.6	53.7	80.5#



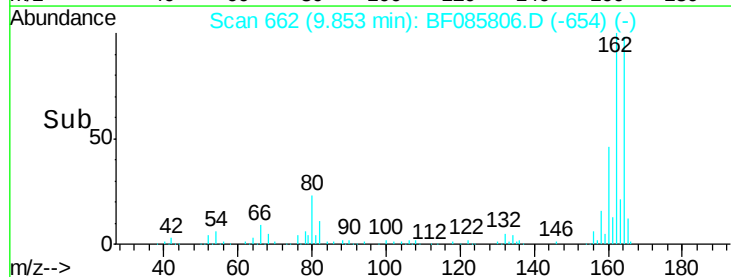
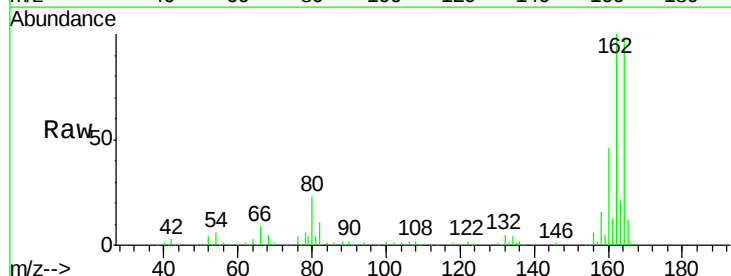
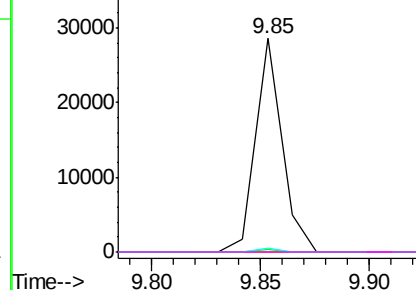
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

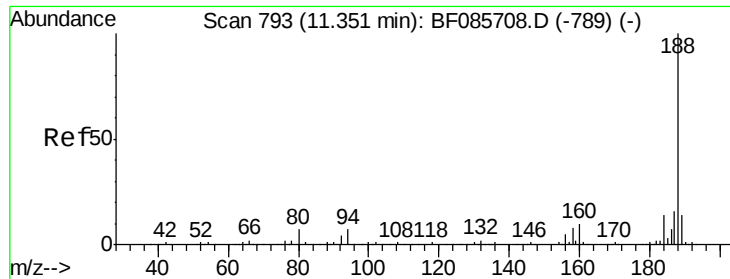


#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.21 min
 Lab File: BF085806.D
 Acq: 28 Mar 2016 17:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

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

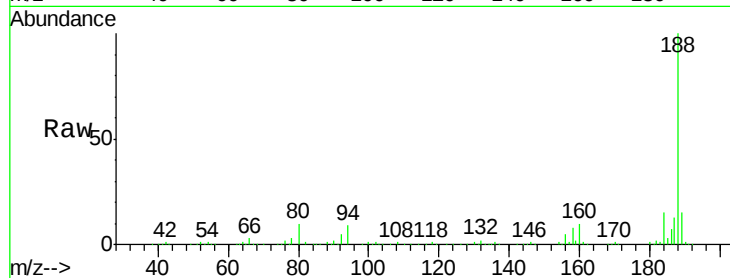




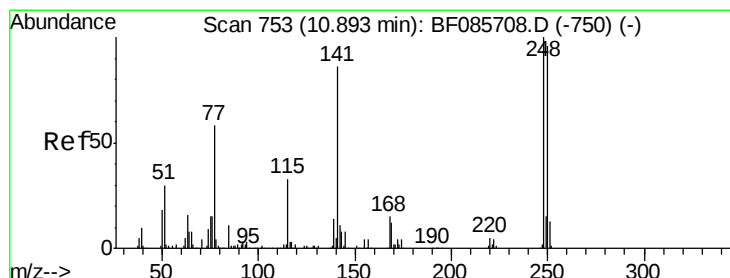
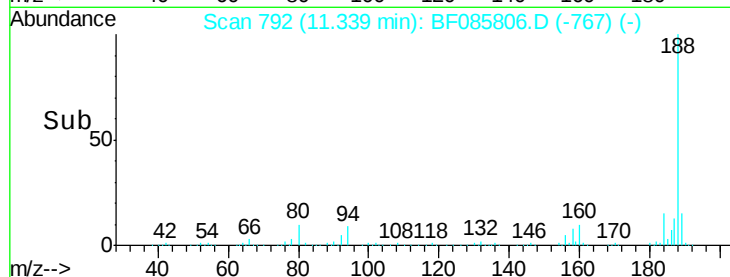
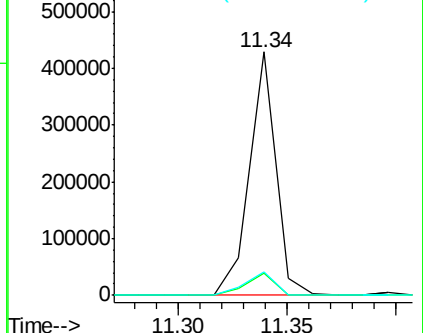
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085806.D
 Acq: 28 Mar 2016 17:25

Instrument :
 BNA_F
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 PB89249BL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	361983		
94	9.1	5.4	8.0#	
80	9.5	5.5	8.3#	

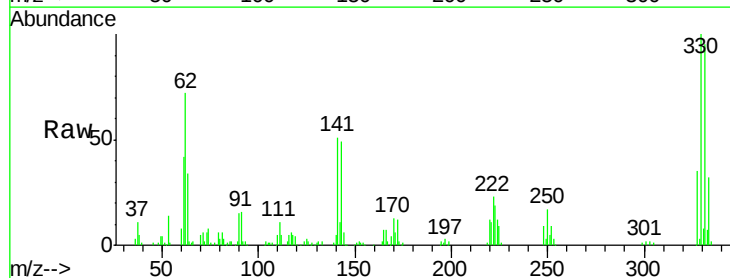


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

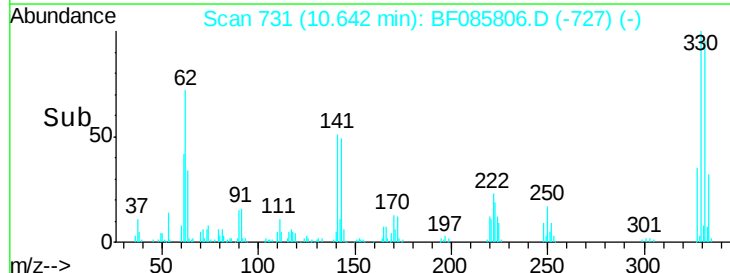
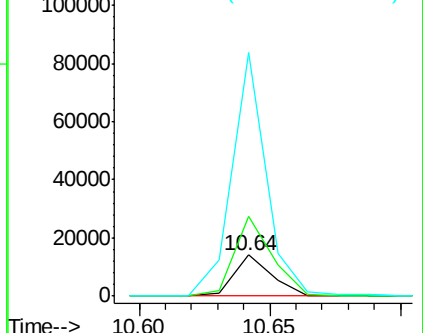


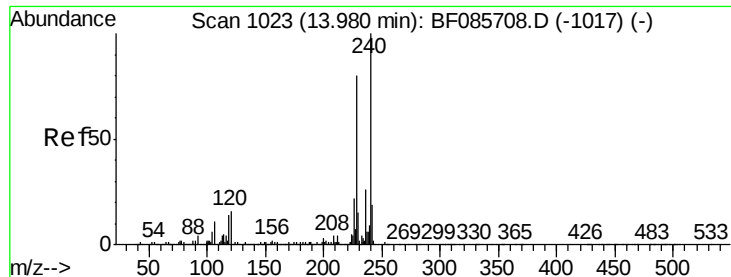
#66
 4-Bromophenyl-phenylether
 Concen: 3.78 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.25 min
 Lab File: BF085806.D
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Tgt Ion	Ratio	Resp	Lower	Upper
248	100	13999		
250	191.8	77.4	116.0#	
141	589.2	63.6	95.4#	



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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085806.D

Acq: 28 Mar 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89249BL

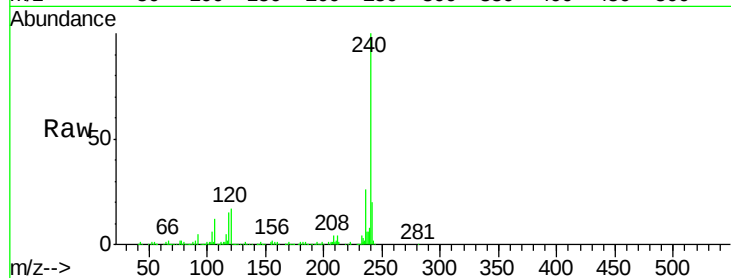
Tgt Ion:240 Resp: 205131

Ion Ratio Lower Upper

240 100

120 17.3 13.8 20.8

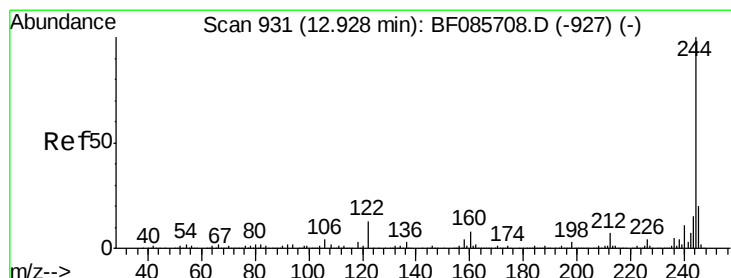
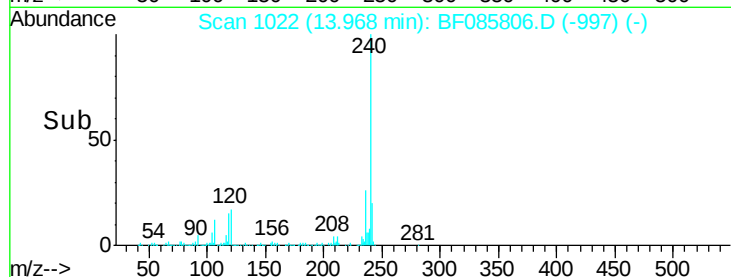
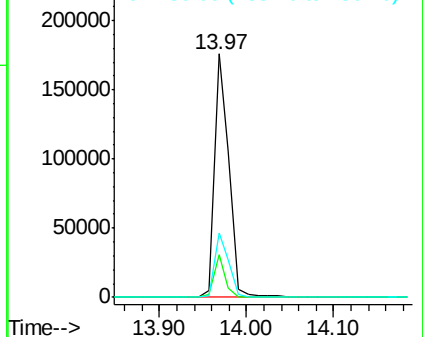
236 26.3 20.6 30.8



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: 99.39 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085806.D

Acq: 28 Mar 2016 17:25

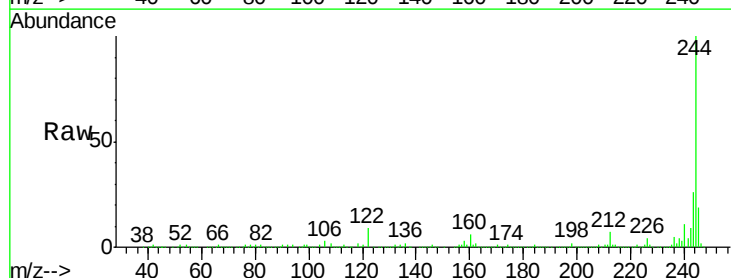
Tgt Ion:244 Resp: 991381

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

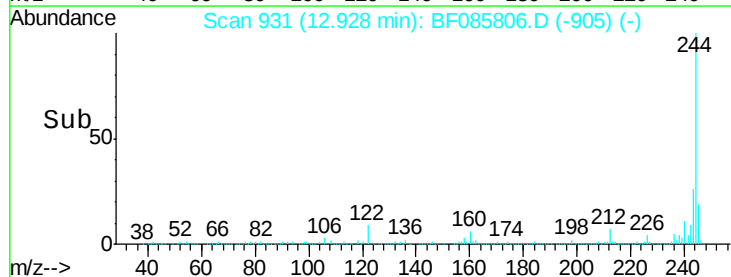
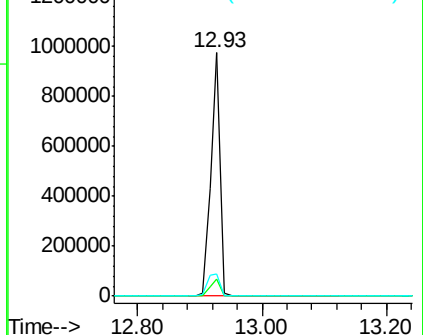
122 8.9 10.2 15.4#

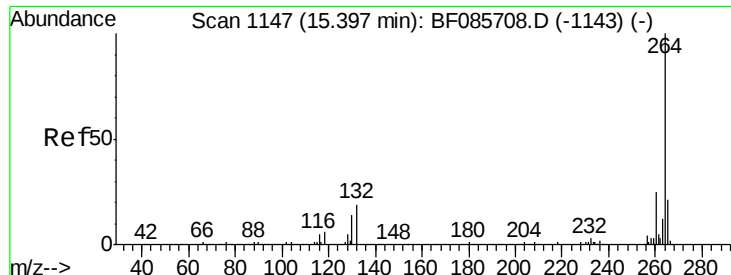


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085806.D
Acq: 28 Mar 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89249BL

Tgt Ion: 264 Resp: 184743

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.3	17.2	25.8

