

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084859.D
 Acq On : 5 Feb 2016 15:00
 Operator : SJ/IZ
 Sample : H1329-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(45-47)

Quant Time: Feb 05 22:17:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

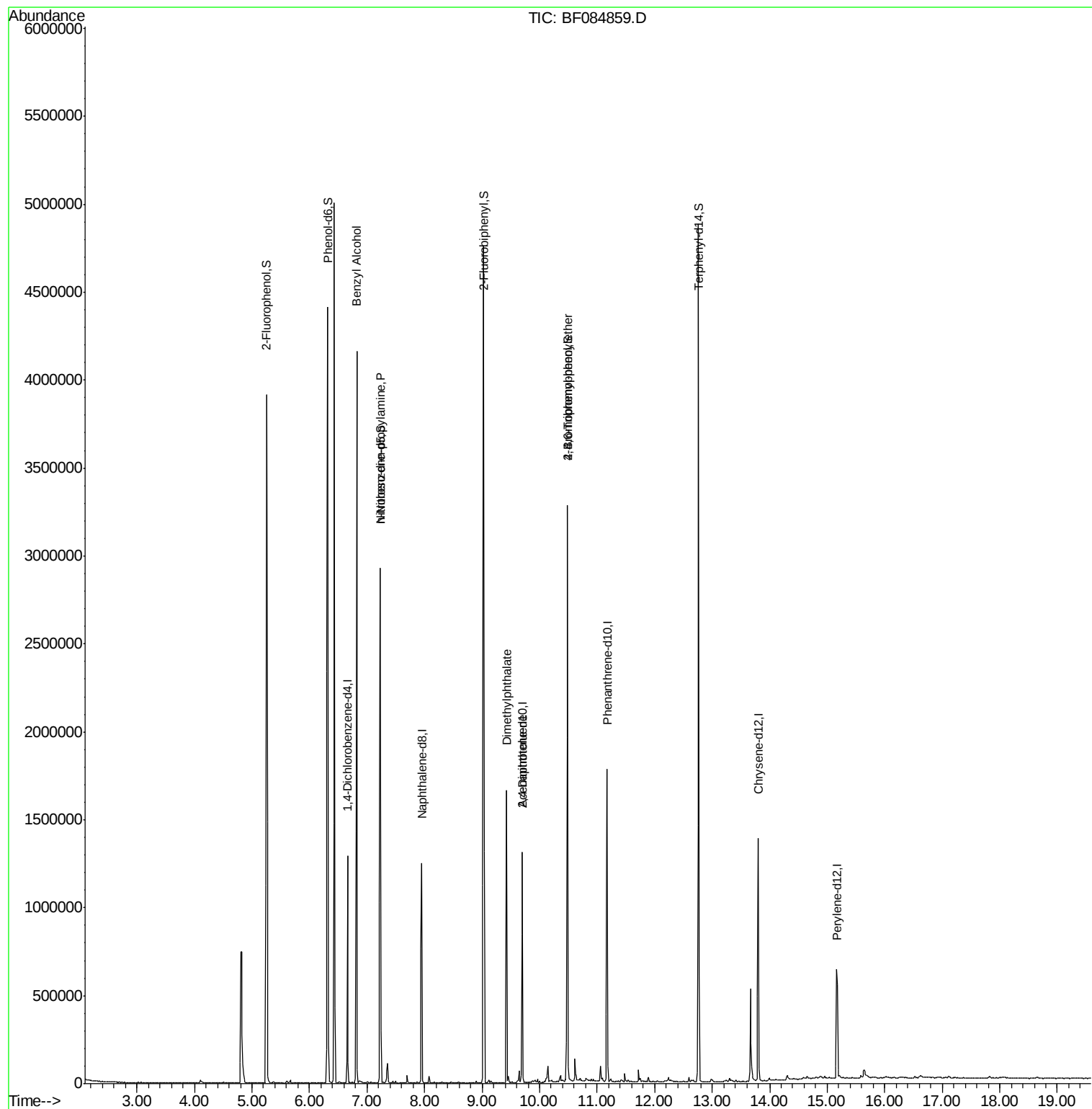
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171000	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	708327	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	328442	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	617431	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	495040	20.00	ng	-0.03
86) Perylene-d12	15.17	264	329764	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1299720	118.39	ng	-0.02
7) Phenol-d6	6.32	99	1652272	121.40	ng	-0.02
23) Nitrobenzene-d5	7.23	82	983667	78.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	460296	134.36	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1640158	83.63	ng	-0.03
78) Terphenyl-d14	12.76	244	1548763	70.89	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	20016	2.13	ng	# 48
19) n-Nitroso-di-n-propylamine	7.23	70	137603	16.13	ng	# 73
49) Dimethylphthalate	9.42	163	605274	24.20	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	41898	6.01	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	31878	4.67	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: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084859.D

Acq: 5 Feb 2016 15:00

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BNA_F

ClientSampleId :

S4-B010(45-47)

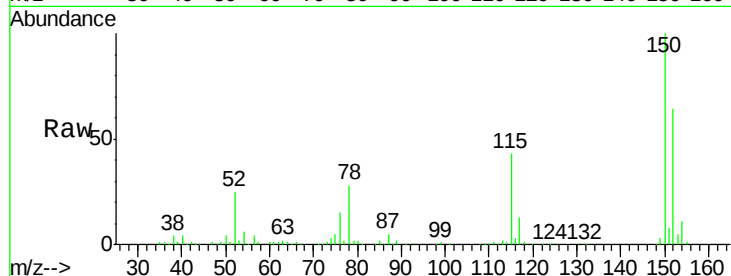
Tgt Ion:152 Resp: 171000

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

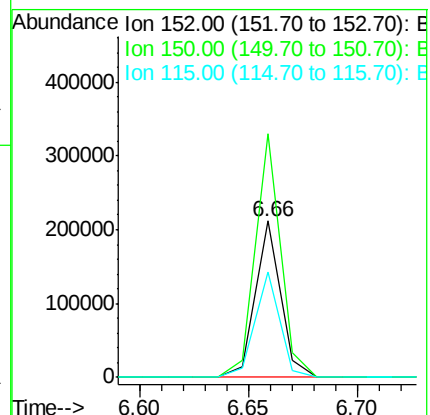
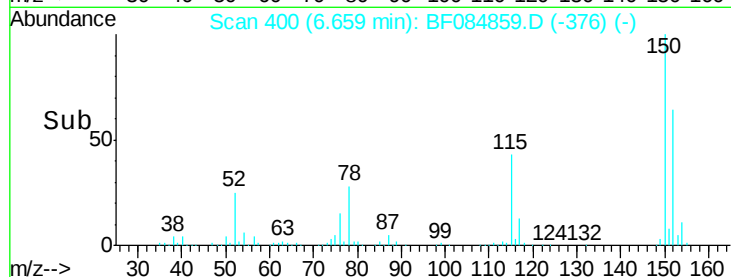
115 67.1 51.4 77.2



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: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084859.D

Acq: 5 Feb 2016 15:00

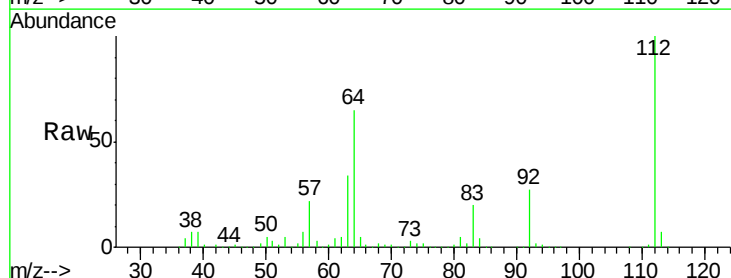
Tgt Ion:112 Resp: 1299720

Ion Ratio Lower Upper

112 100

64 65.5 36.6 55.0#

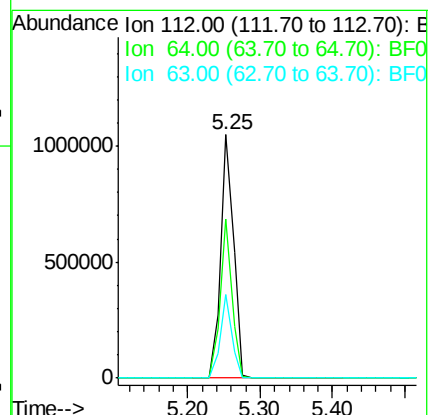
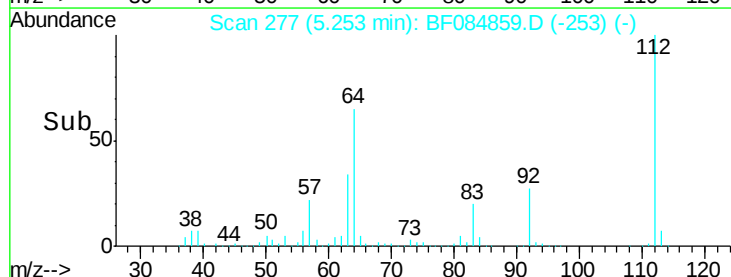
63 34.3 19.4 29.0#



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: 121.40 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084859.D

Acq: 5 Feb 2016 15:00

Instrument :

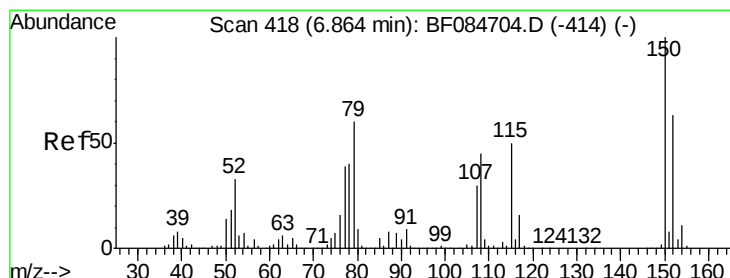
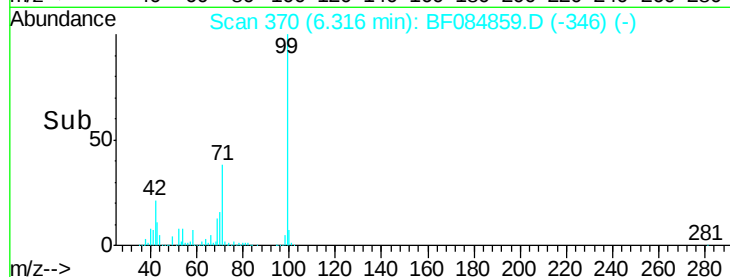
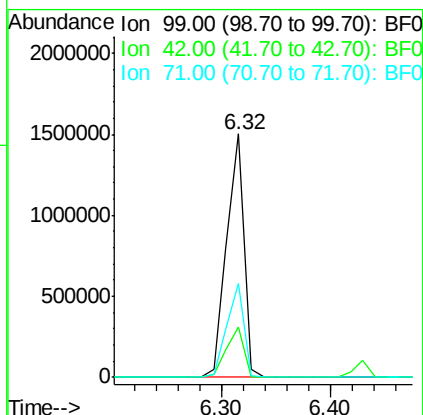
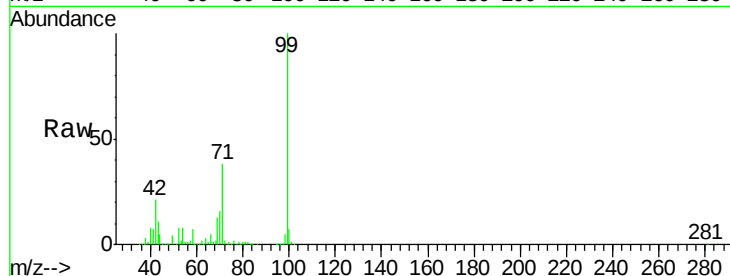
BNA_F

ClientSampleId :

S4-B010(45-47)

Tgt Ion: 99 Resp: 1652272

Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	38.3	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.82 min Scan# 414

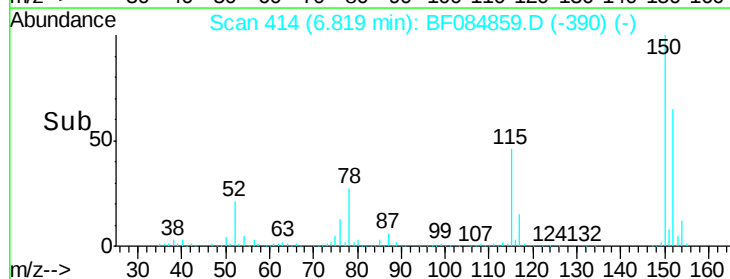
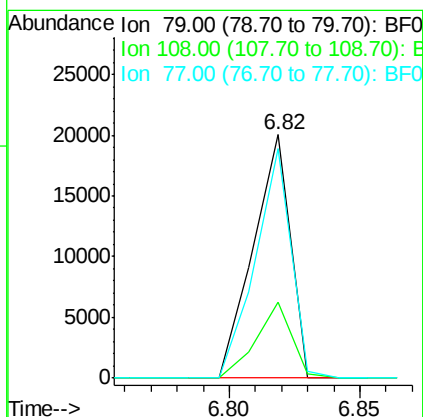
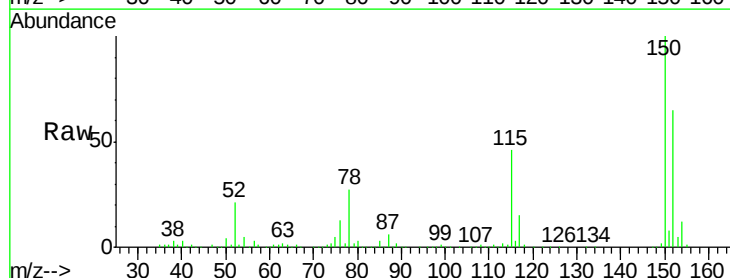
Delta R.T. -0.02 min

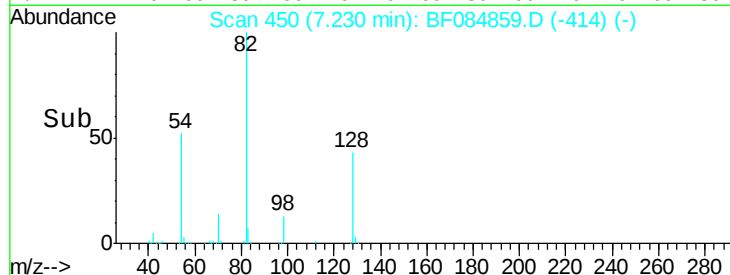
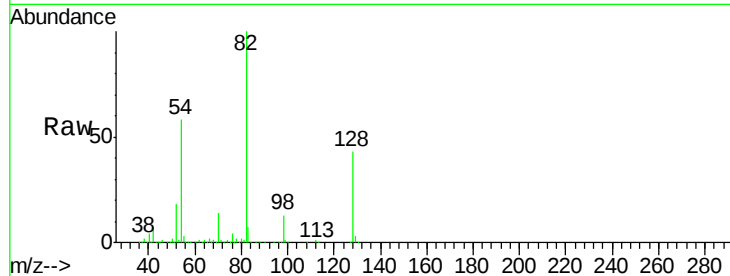
Lab File: BF084859.D

Acq: 5 Feb 2016 15:00

Tgt Ion: 79 Resp: 20016

Ion	Ratio	Lower	Upper
79	100		
108	31.4	69.0	103.4#
77	94.1	50.0	75.0#

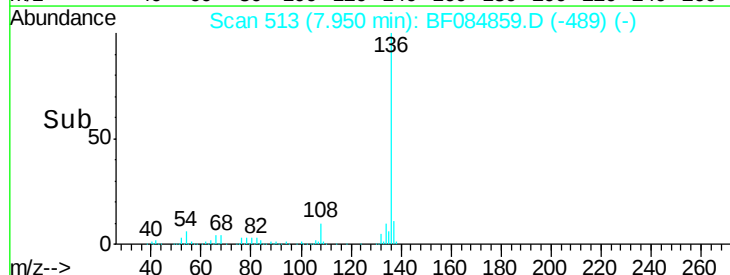
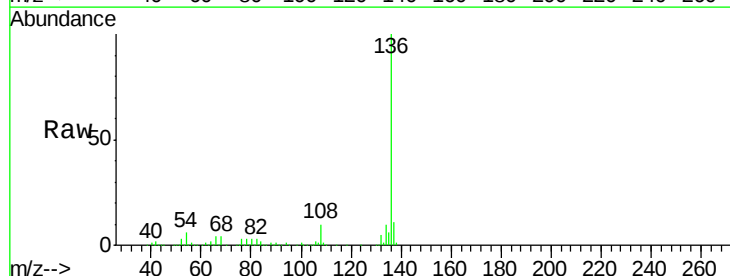
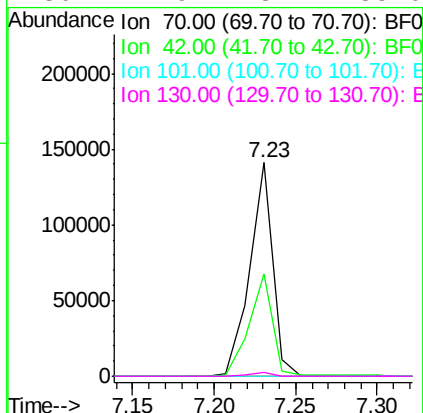




#19
n-Nitroso-di-n-propylamine
Concen: 16.13 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084859.D
Acq: 5 Feb 2016 15:00

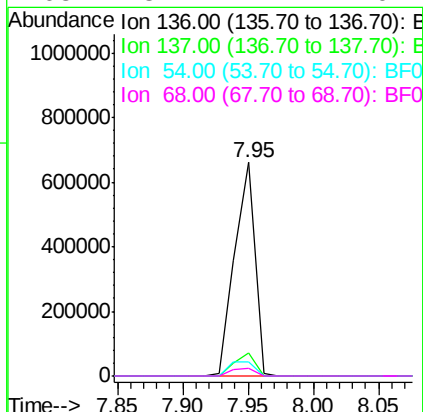
Instrument :
BNA_F
ClientSampleId :
S4-B010(45-47)

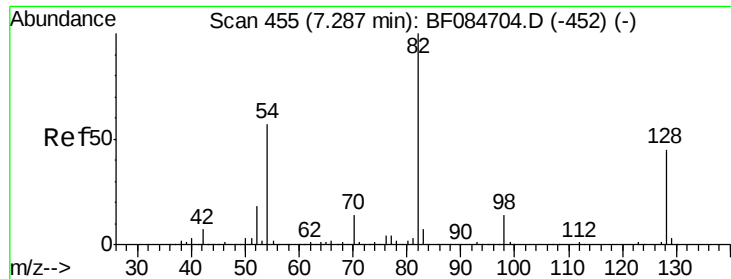
Tgt Ion:	70	Resp:	137603
Ion	Ratio	Lower	Upper
70	100		
42	47.9	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084859.D
Acq: 5 Feb 2016 15:00

Tgt Ion:	136	Resp:	708327
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.3	5.8	8.8
68	3.7	4.2	6.2#

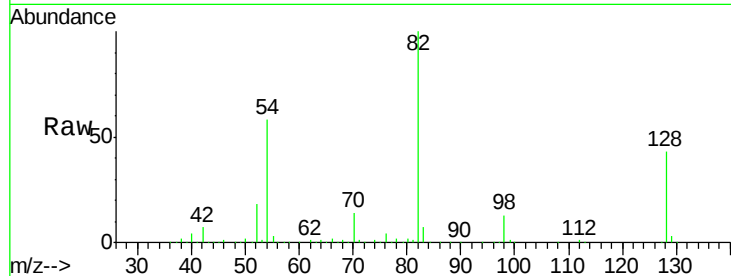




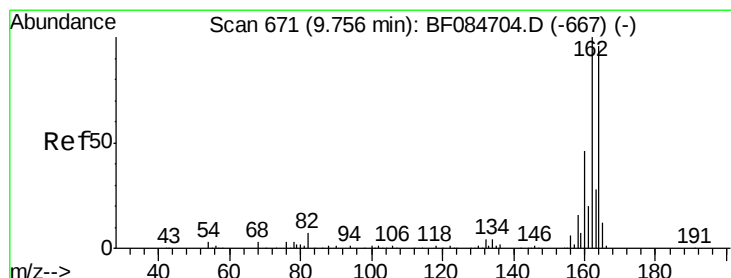
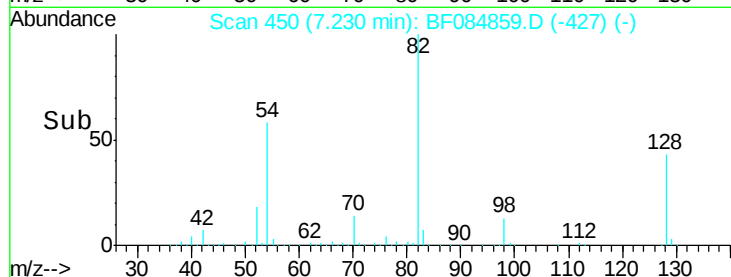
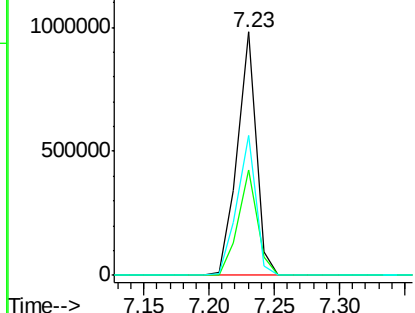
#23
 Nitrobenzene-d5
 Concen: 78.23 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084859.D
 Acq: 5 Feb 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(45-47)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	57.5	38.4	57.6

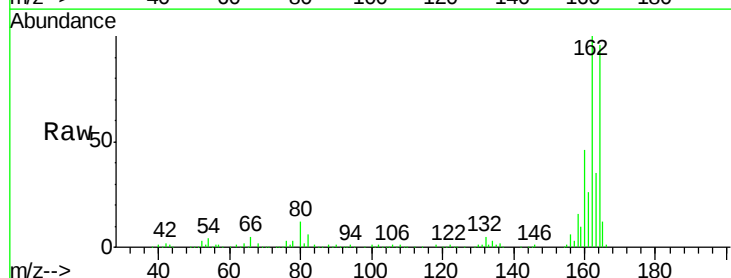


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

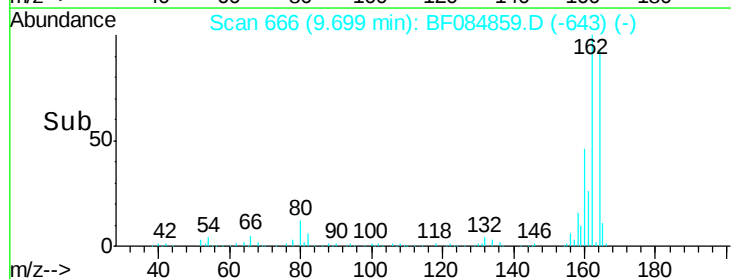
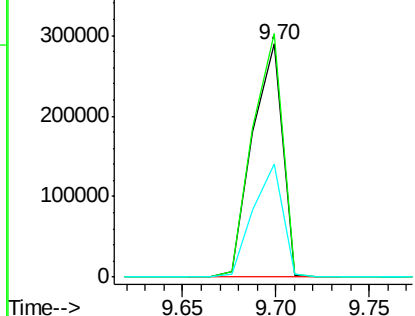


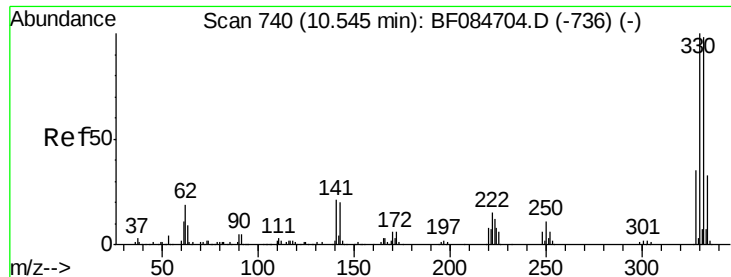
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084859.D
 Acq: 5 Feb 2016 15:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	48.3	37.5	56.3



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

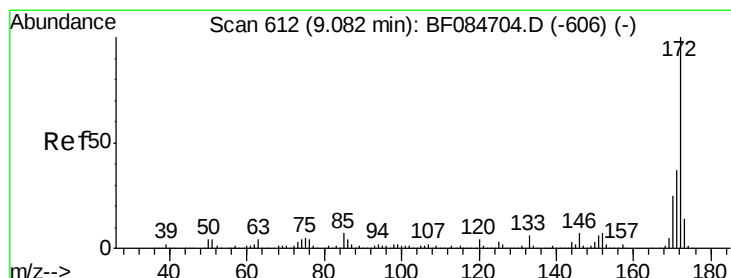
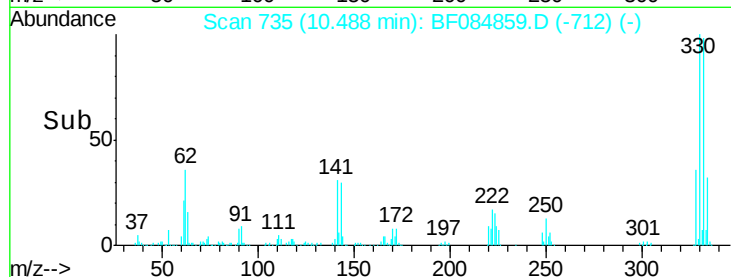
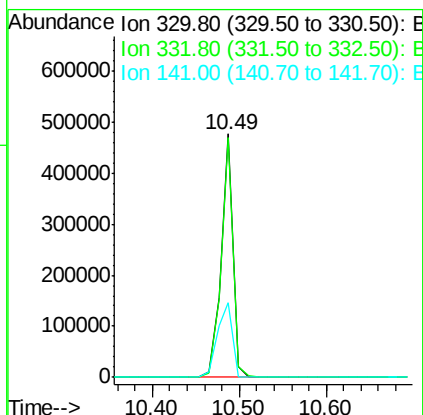
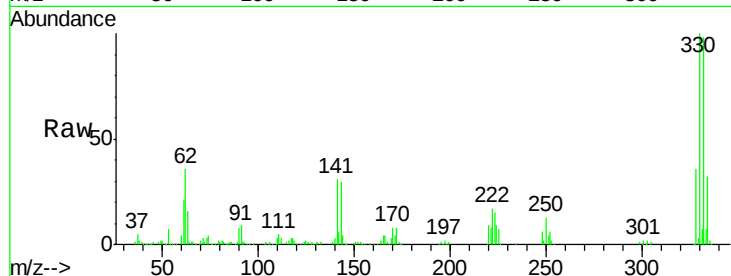




#41
 2,4,6-Tribromophenol
 Concen: 134.36 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084859.D
 Acq: 5 Feb 2016 15:00

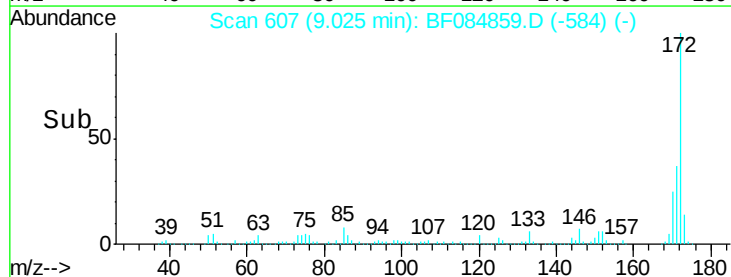
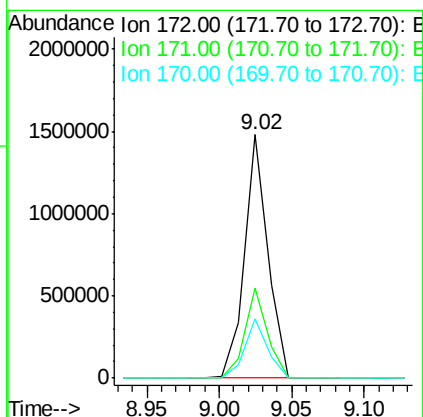
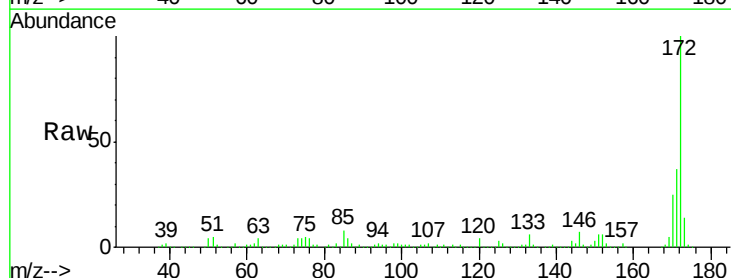
Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(45-47)

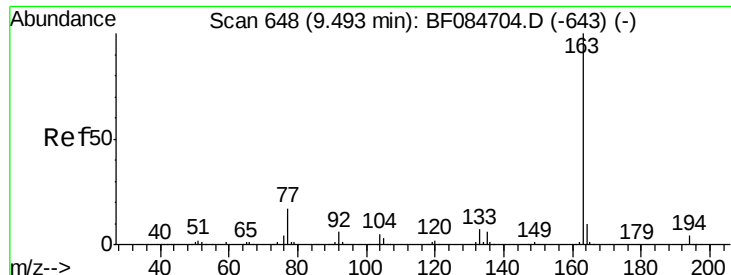
Tgt Ion:330 Resp: 460296
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 39.0 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 83.63 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084859.D
 Acq: 5 Feb 2016 15:00

Tgt Ion:172 Resp: 1640158
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.5 18.6 27.8

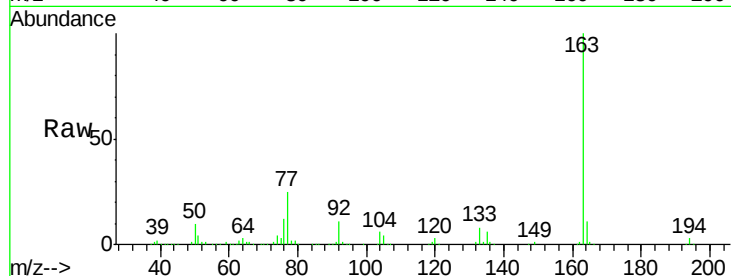




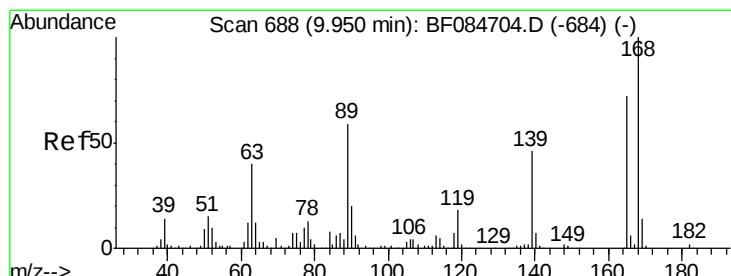
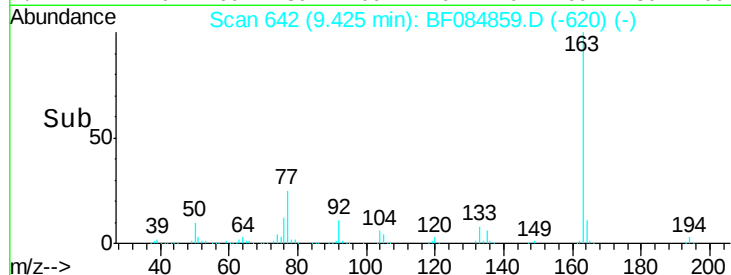
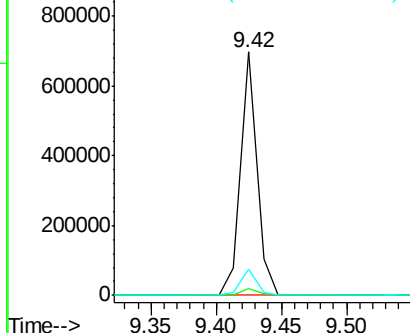
#49
Dimethylphthalate
Concen: 24.20 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084859.D
Acq: 5 Feb 2016 15:00

Instrument :
BNA_F
ClientSampleId :
S4-B010(45-47)

Tgt Ion:163 Resp: 605274
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.6 8.0 12.0

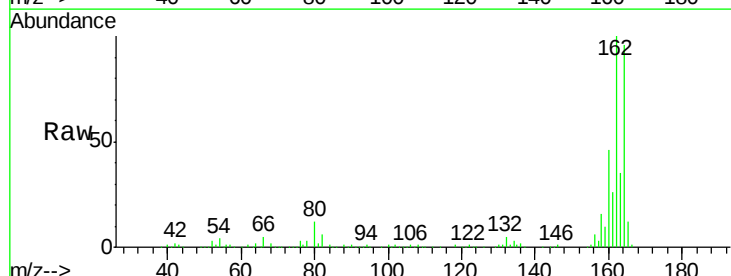


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

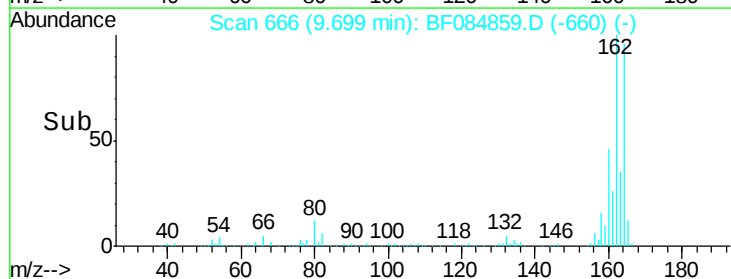
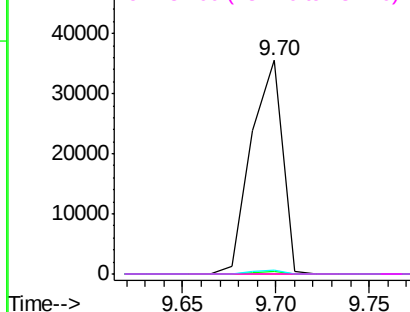


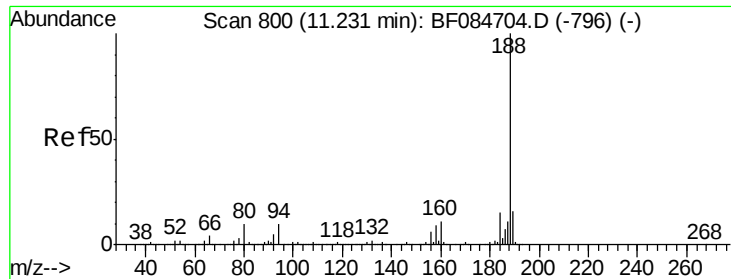
#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084859.D
Acq: 5 Feb 2016 15:00

Tgt Ion:165 Resp: 41898
Ion Ratio Lower Upper
165 100
63 1.2 36.7 55.1#
89 1.7 61.9 92.9#
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

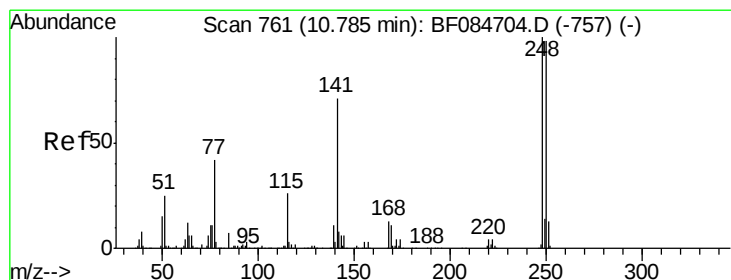
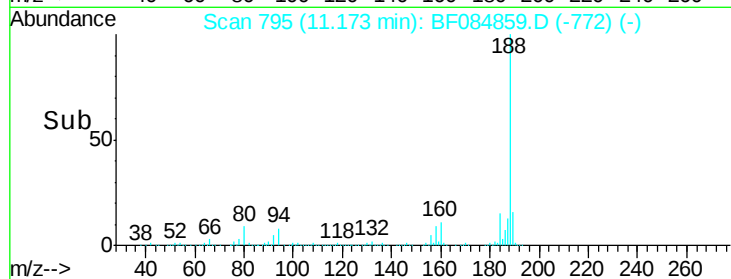
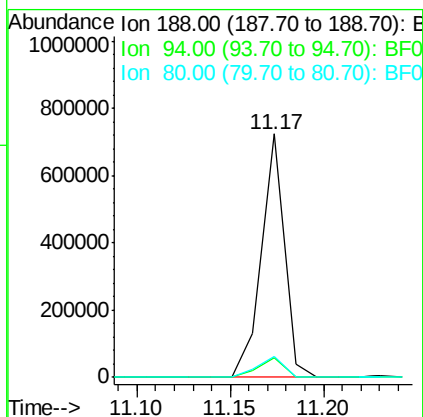
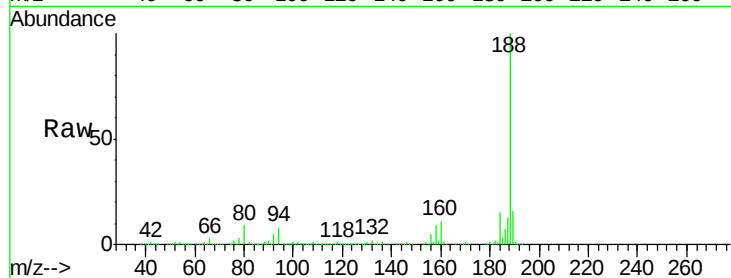




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084859.D
Acq: 5 Feb 2016 15:00

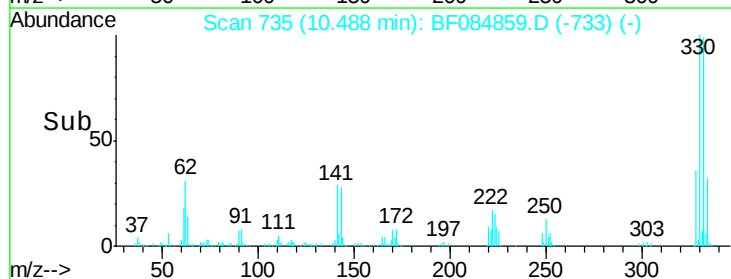
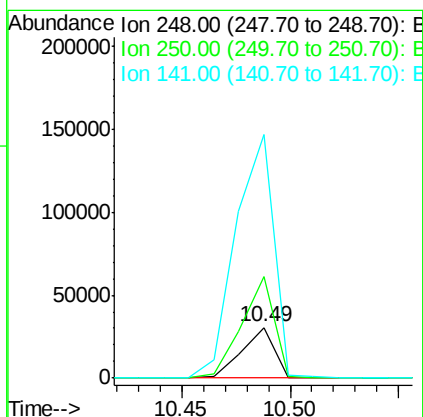
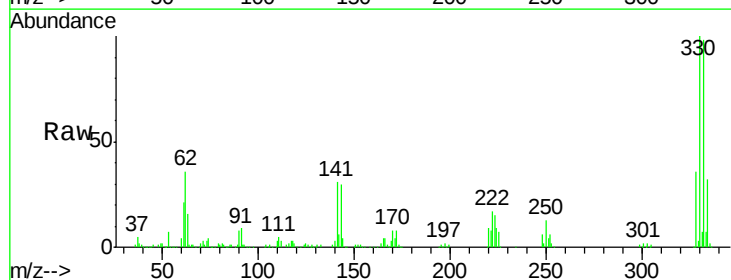
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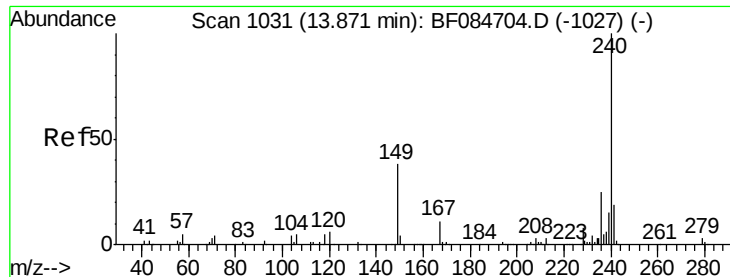
Tgt Ion:188 Resp: 617431
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.4#
80 8.6 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084859.D
Acq: 5 Feb 2016 15:00

Tgt Ion:248 Resp: 31878
Ion Ratio Lower Upper
248 100
250 201.1 78.4 117.6#
141 482.0 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084859.D

Acq: 5 Feb 2016 15:00

Instrument :

BNA_F

ClientSampleId :

S4-B010(45-47)

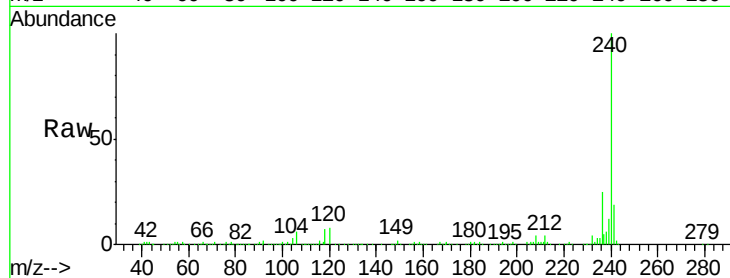
Tgt Ion:240 Resp: 495040

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

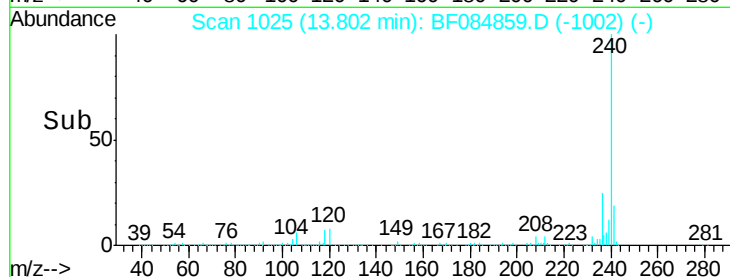
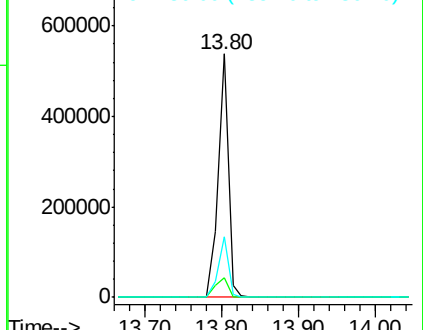
236 24.8 20.6 31.0



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: 70.89 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084859.D

Acq: 5 Feb 2016 15:00

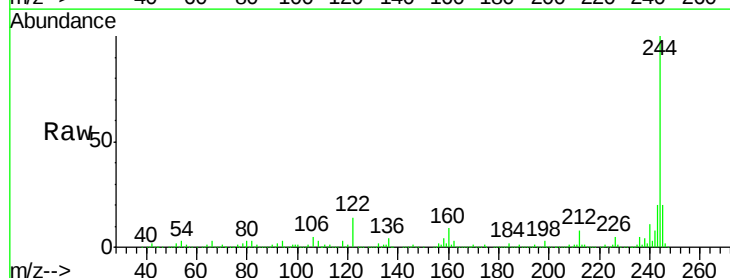
Tgt Ion:244 Resp: 1548763

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

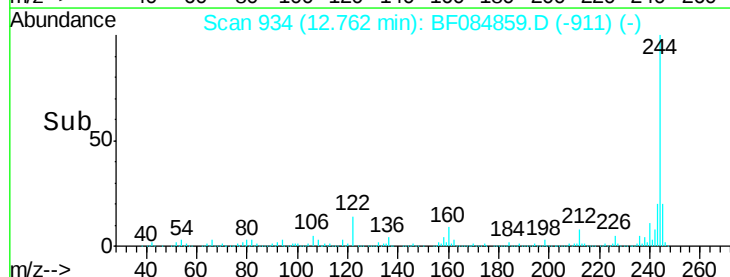
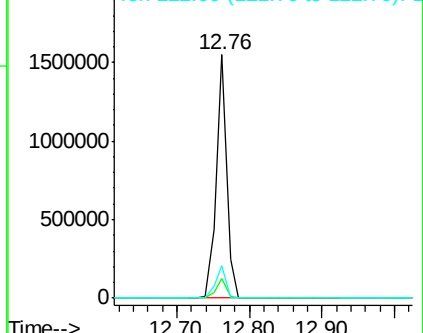
122 13.6 7.4 11.0#

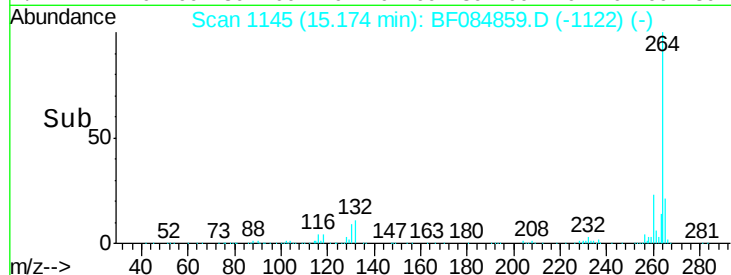
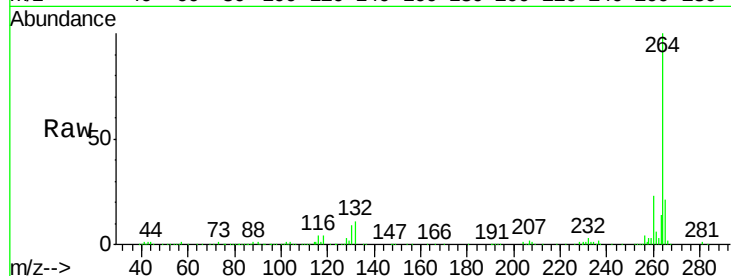
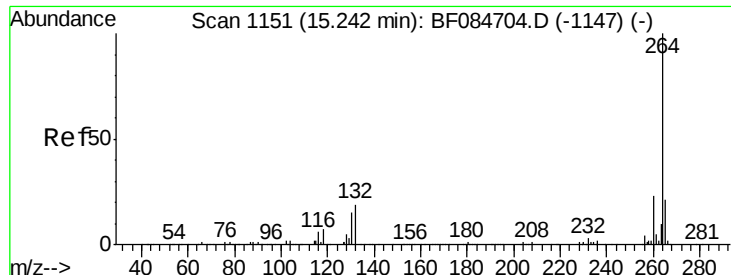


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084859.D
Acq: 5 Feb 2016 15:00

Instrument :
BNA_F
ClientSampleId :
S4-B010(45-47)

Tgt Ion:	264	Resp:	329764
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.4	29.2
265	21.5	17.8	26.6

