

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084953.D
 Acq On : 9 Feb 2016 15:46
 Operator : SJ/IZ
 Sample : PB88264BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BL

Quant Time: Feb 10 03:23:06 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

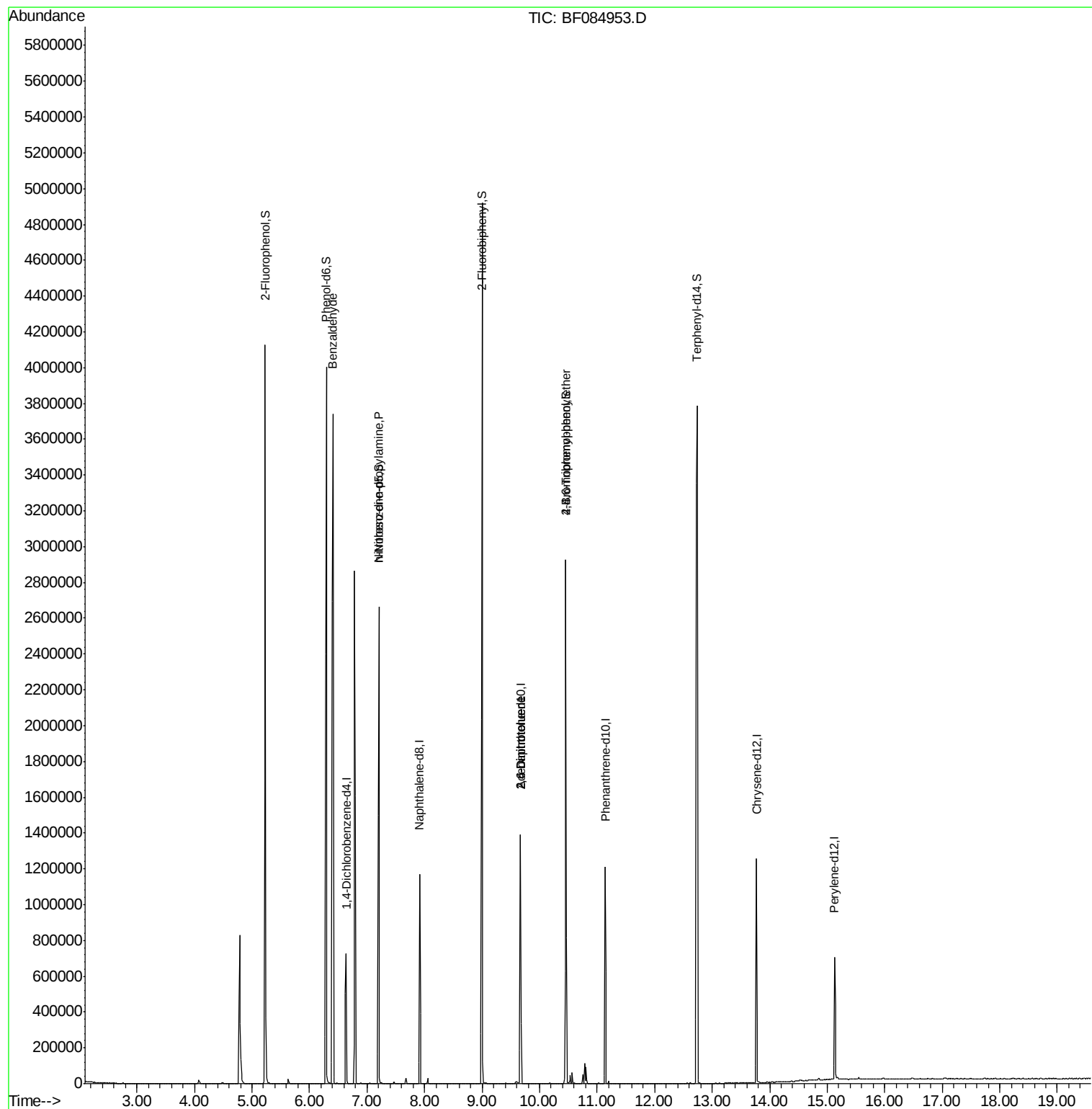
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	139497	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	577701	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	277782	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	528193	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	438146	20.00	ng	-0.07
86) Perylene-d12	15.13	264	316669	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1179549	131.71	ng	-0.05
7) Phenol-d6	6.29	99	1600021	144.11	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1016485	99.12	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	384891	132.84	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1636909	110.10	ng	-0.06
78) Terphenyl-d14	12.74	244	1756109	90.82	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.41	77	30007	4.58	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.21	70	138705	19.93	ng	# 72
50) 2,6-Dinitrotoluene	9.66	165	36002	7.79	ng	# 38
56) 2,4-Dinitrotoluene	9.66	165	36002	6.11	ng	# 22
66) 4-Bromophenyl-phenylether	10.45	248	21618	3.71	ng	# 1

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

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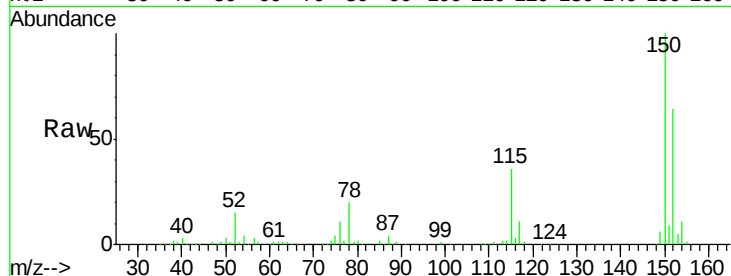




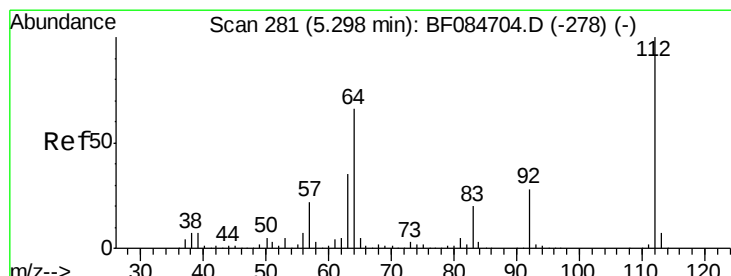
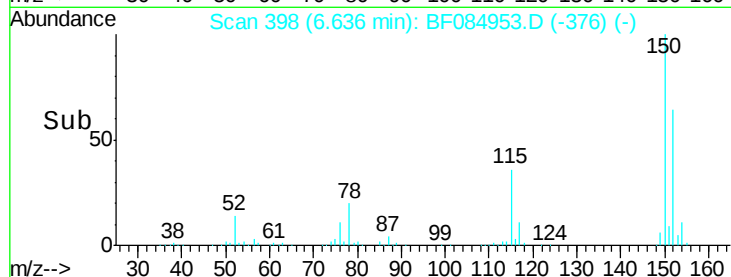
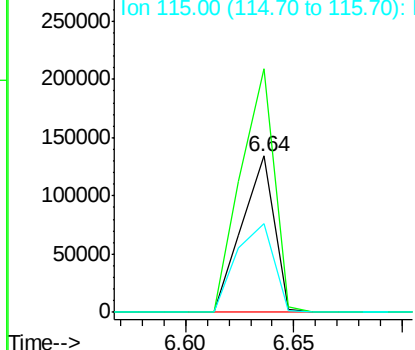
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 398
 Delta R.T. -0.05 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BL

Tgt Ion:152 Resp: 139497
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.4
 115 56.7 51.4 77.2

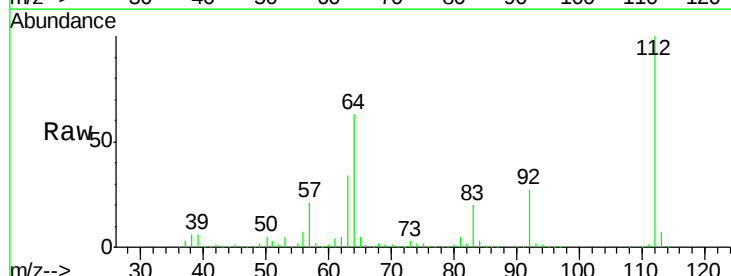


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

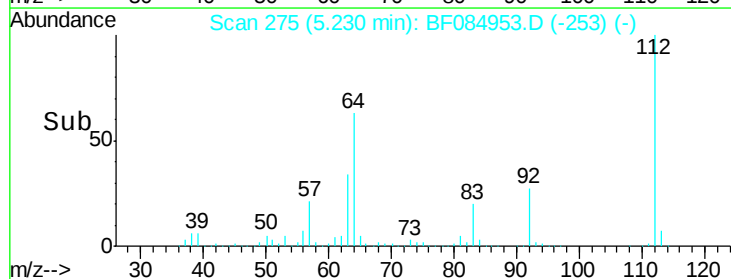
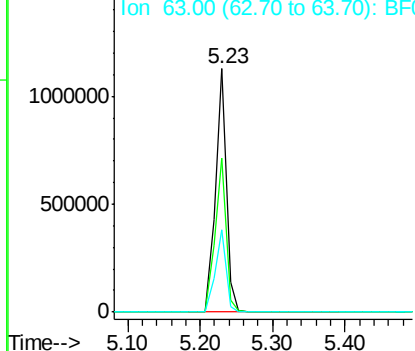


#5
 2-Fluorophenol
 Concen: 131.71 ng
 RT: 5.23 min Scan# 275
 Delta R.T. -0.05 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Tgt Ion:112 Resp: 1179549
 Ion Ratio Lower Upper
 112 100
 64 63.1 36.6 55.0#
 63 33.8 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: 144.11 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084953.D

Acq: 9 Feb 2016 15:46

Instrument :

BNA_F

ClientSampleId :

PB88264BL

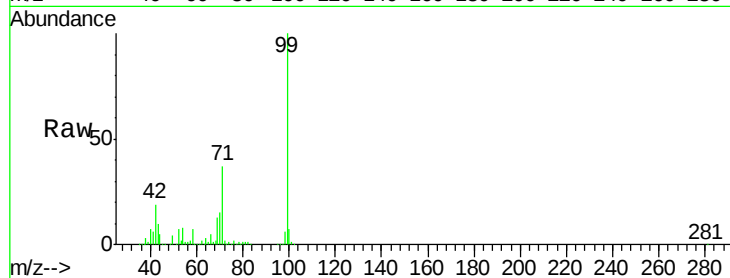
Tgt Ion: 99 Resp: 1600021

Ion Ratio Lower Upper

99 100

42 18.8 12.8 19.2

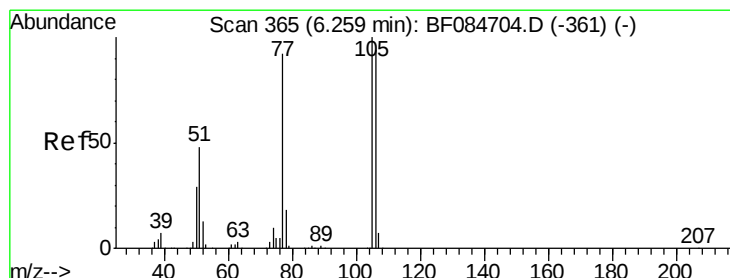
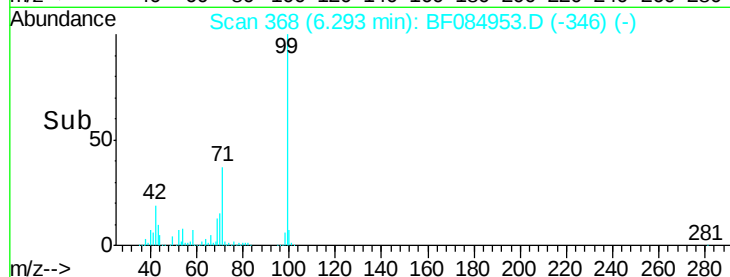
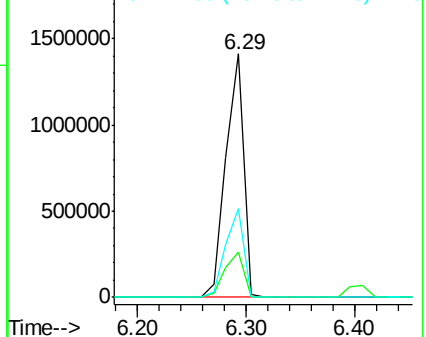
71 36.6 30.9 46.3



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: 4.58 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.17 min

Lab File: BF084953.D

Acq: 9 Feb 2016 15:46

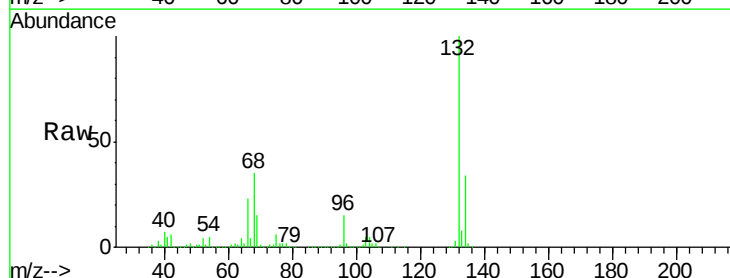
Tgt Ion: 77 Resp: 30007

Ion Ratio Lower Upper

77 100

105 83.2 83.0 123.0

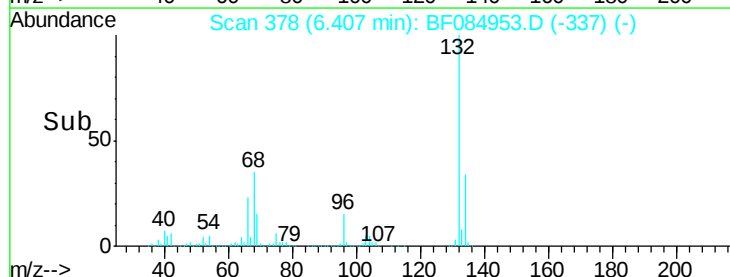
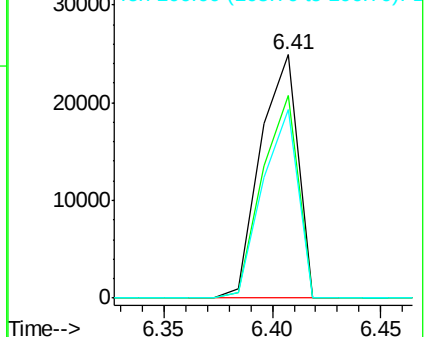
106 77.3 74.6 114.6



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

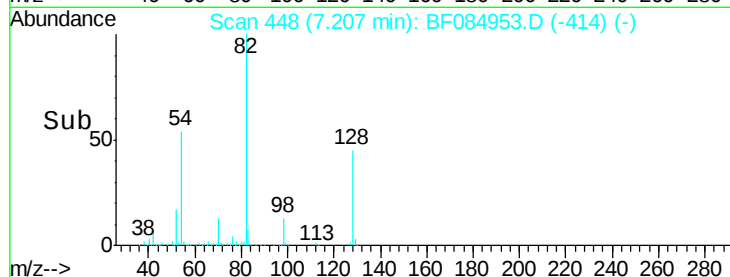
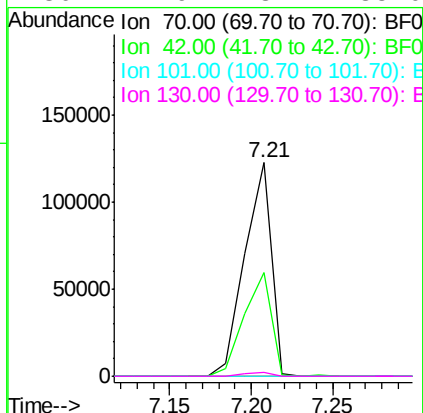
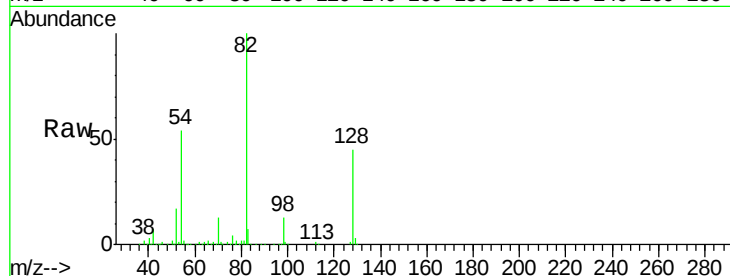




#19
n-Nitroso-di-n-propylamine
Concen: 19.93 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.09 min
Lab File: BF084953.D
Acq: 9 Feb 2016 15:46

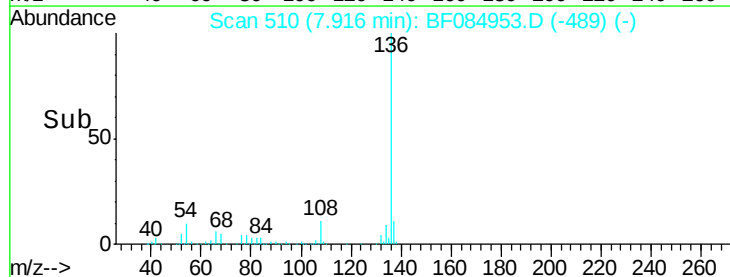
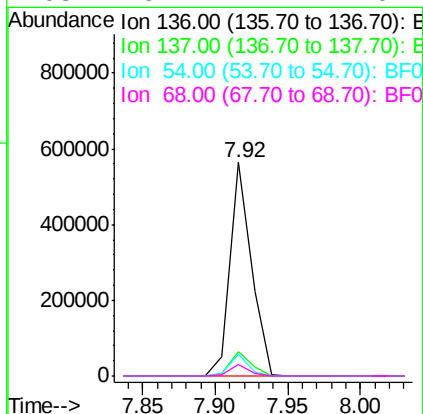
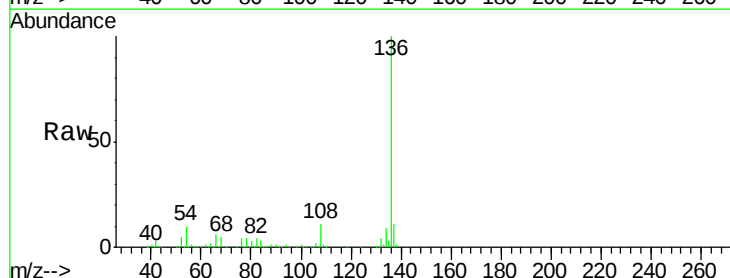
Instrument :
BNA_F
ClientSampleId :
PB88264BL

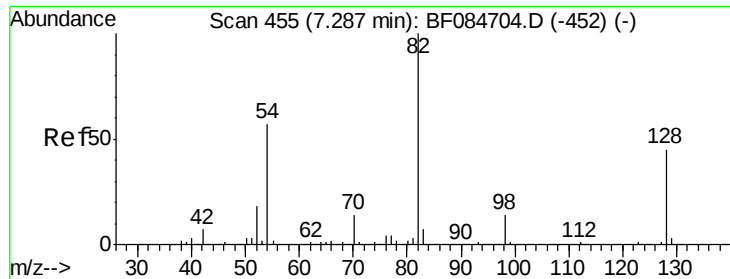
Tgt Ion: 70 Resp: 138705
Ion Ratio Lower Upper
70 100
42 48.6 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.06 min
Lab File: BF084953.D
Acq: 9 Feb 2016 15:46

Tgt Ion: 136 Resp: 577701
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 10.0 5.8 8.8#
68 5.4 4.2 6.2

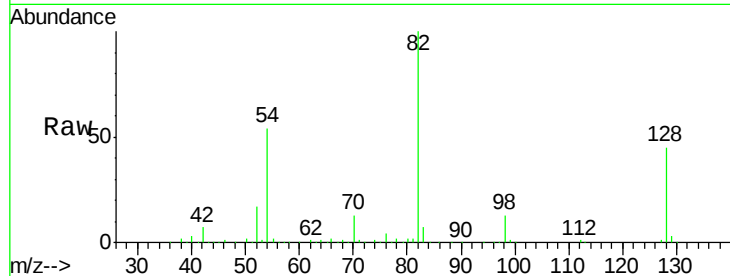




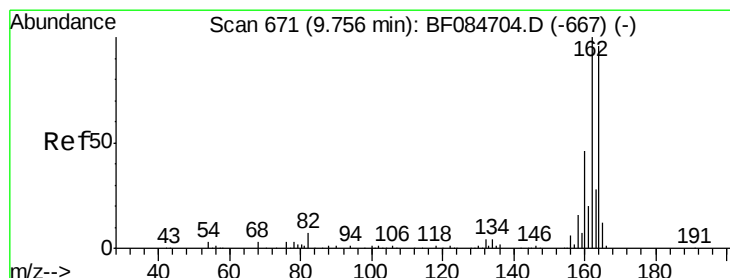
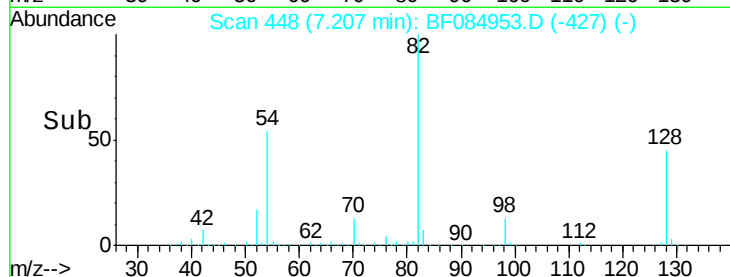
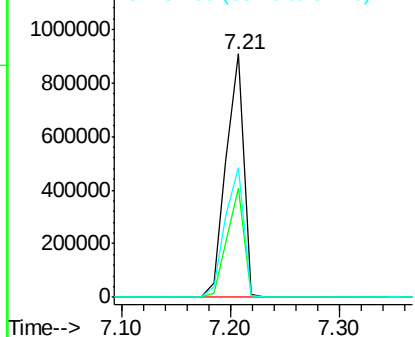
#23
 Nitrobenzene-d5
 Concen: 99.12 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BL

Tgt Ion: 82 Resp: 1016485
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 51.8
 54 53.5 38.4 57.6

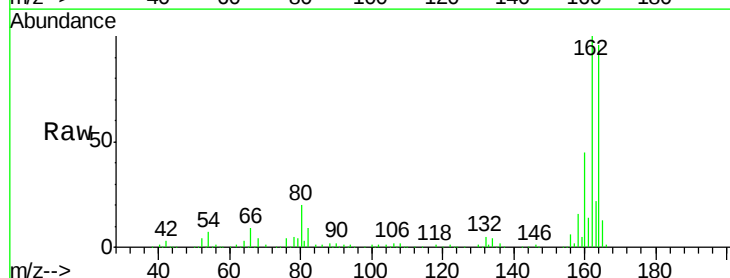


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

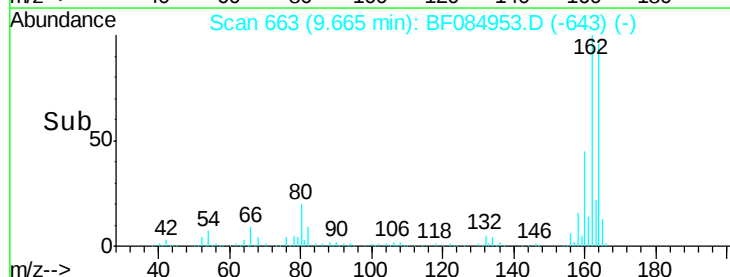
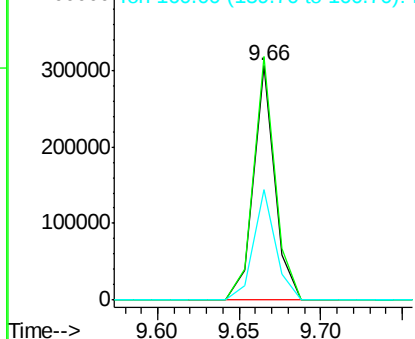


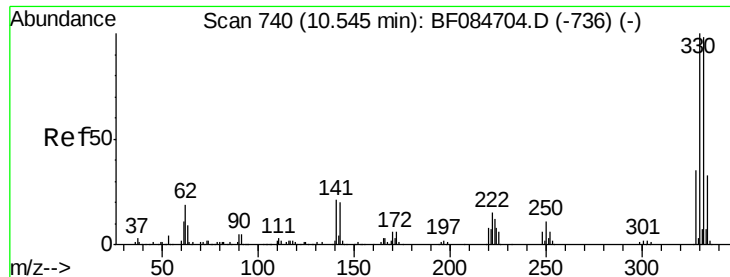
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Tgt Ion: 164 Resp: 277782
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 47.2 37.5 56.3



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

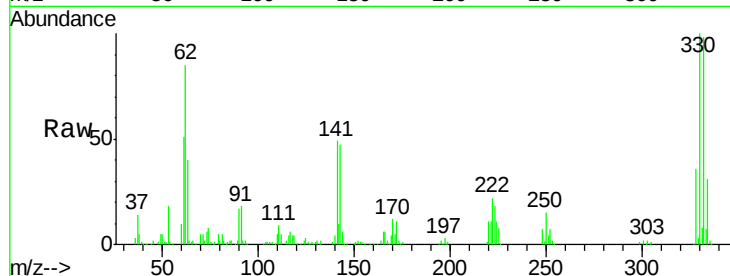




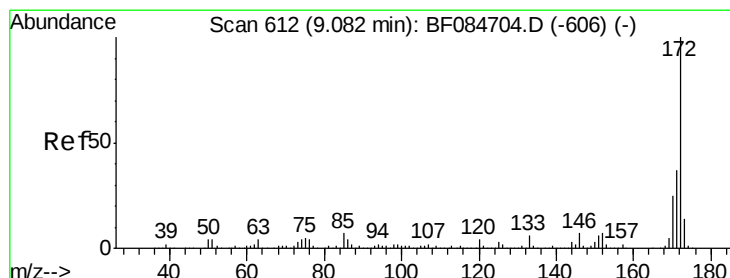
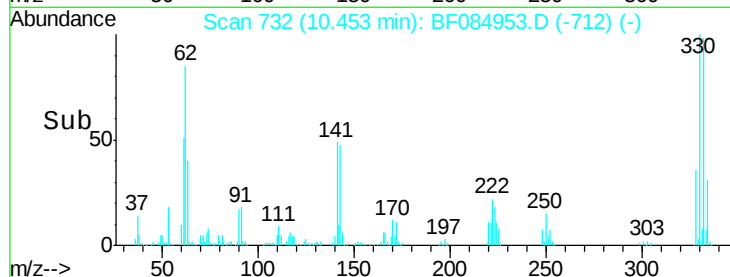
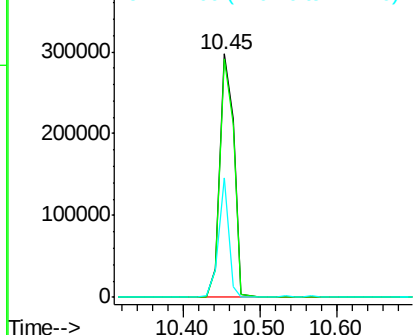
#41
 2,4,6-Tribromophenol
 Concen: 132.84 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.07 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BL

Tgt Ion:330 Resp: 384891
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 34.7 27.8 41.6

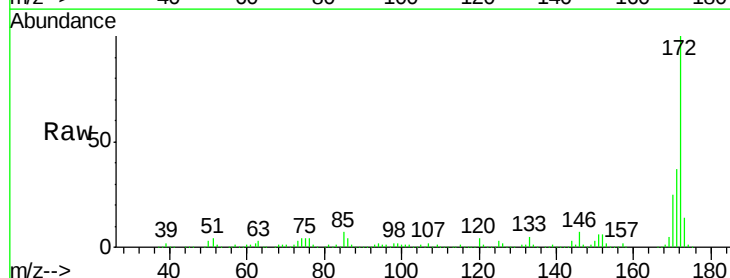


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

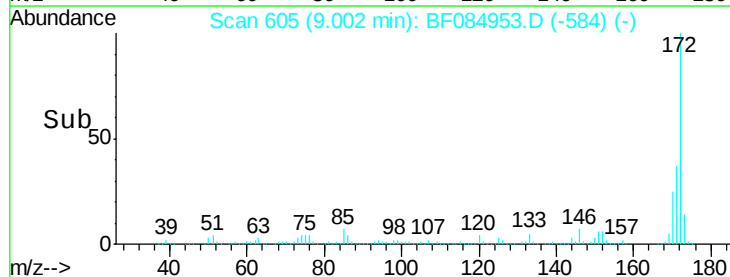
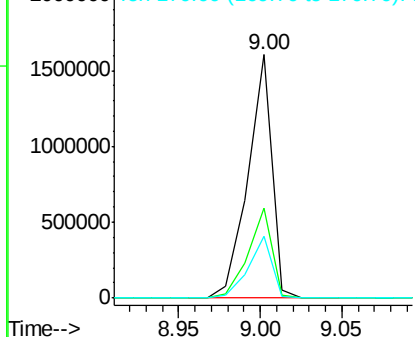


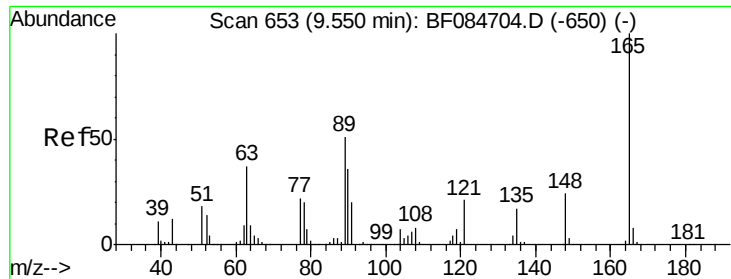
#44
 2-Fluorobiphenyl
 Concen: 110.10 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Tgt Ion:172 Resp: 1636909
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 25.2 18.6 27.8



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

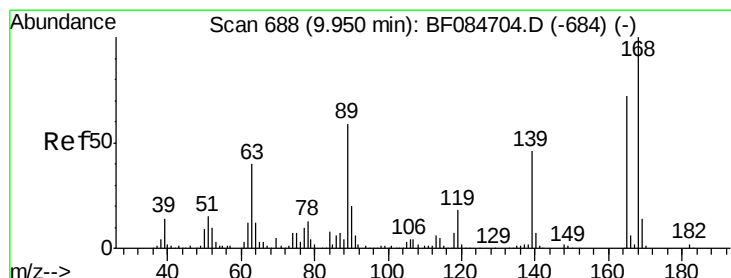
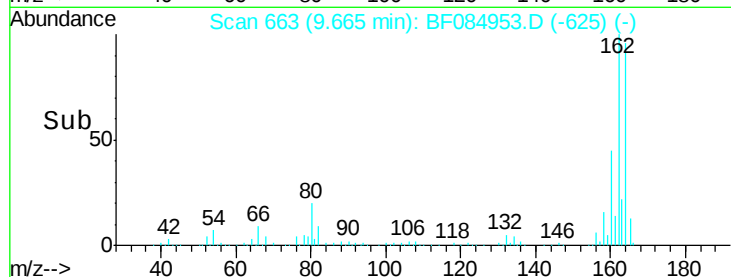
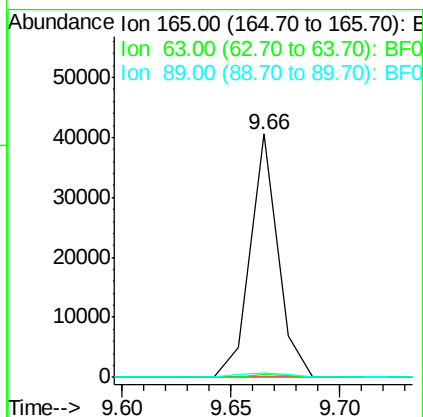
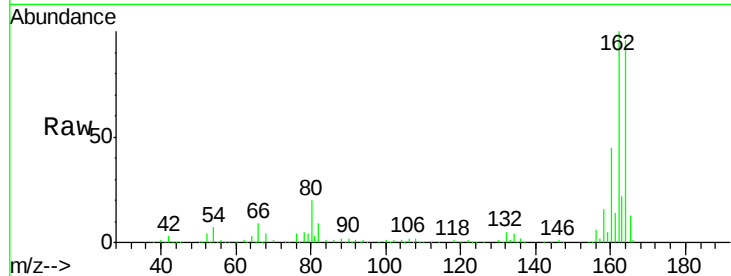




#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 9.66 min Scan# 663
 Delta R.T. 0.14 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

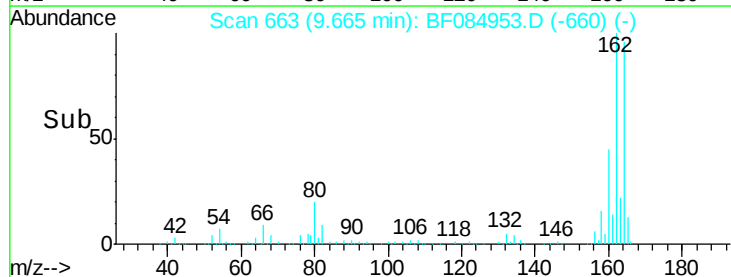
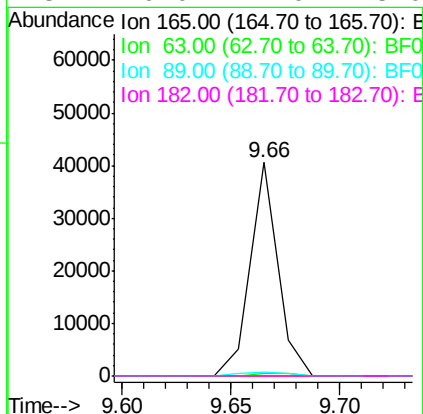
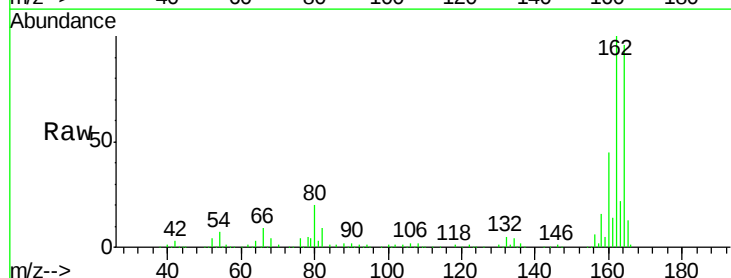
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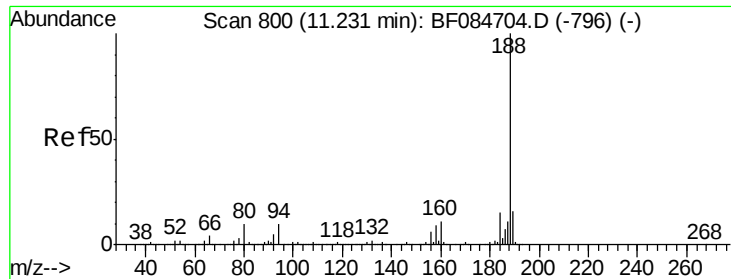
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.8	43.2#
89	2.0	35.1	52.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.26 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	2.0	61.9	92.9#
182	0.0	2.0	3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084953.D

Acq: 9 Feb 2016 15:46

Instrument :

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ClientSampleId :

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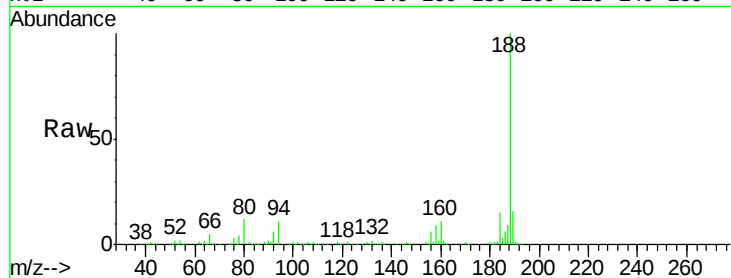
Tgt Ion:188 Resp: 528193

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

80 12.3 9.6 14.4



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

600000

500000

400000

300000

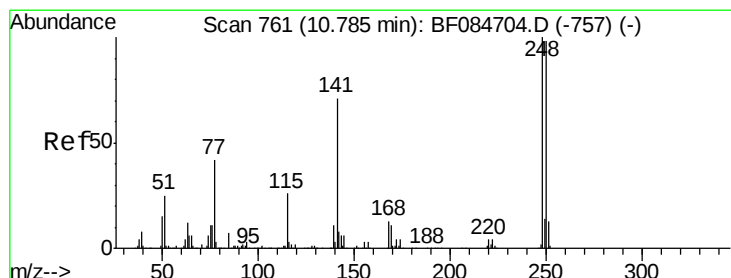
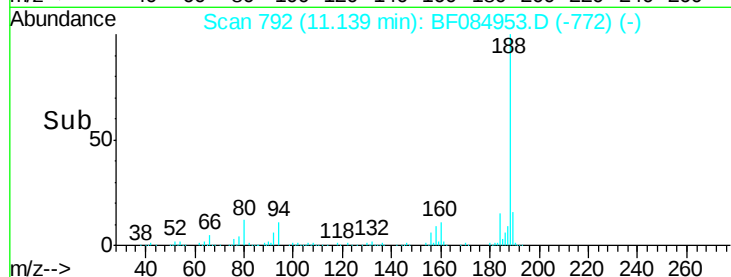
200000

100000

0

11.10 11.15 11.20

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.71 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.31 min

Lab File: BF084953.D

Acq: 9 Feb 2016 15:46

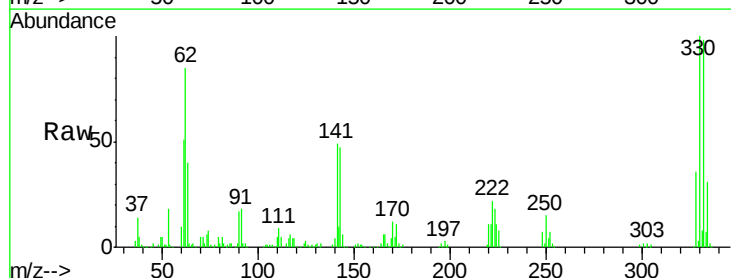
Tgt Ion:248 Resp: 21618

Ion Ratio Lower Upper

248 100

250 204.9 78.4 117.6#

141 673.8 44.0 66.0#



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

200000

150000

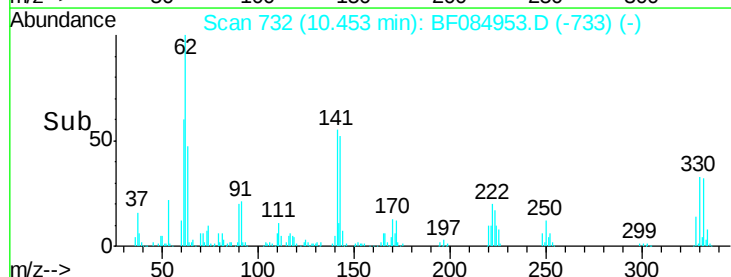
100000

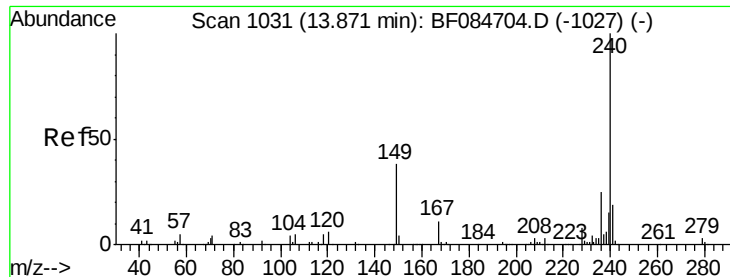
50000

0

10.45 10.50

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084953.D

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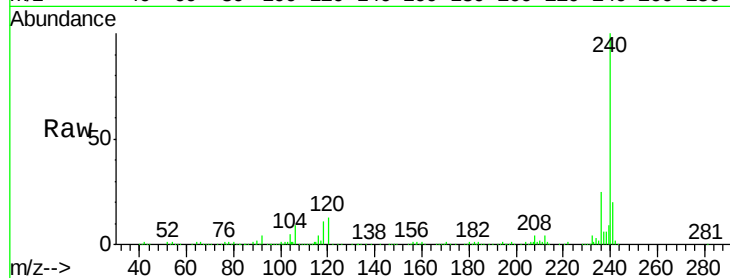
Tgt Ion:240 Resp: 438146

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

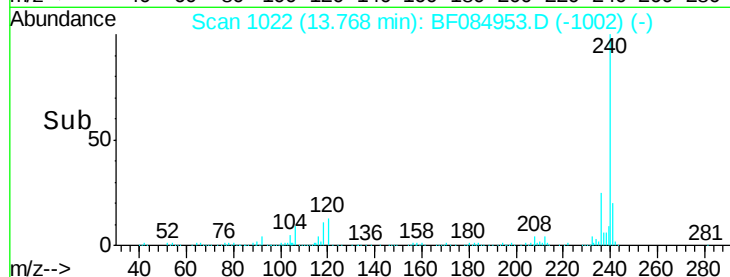
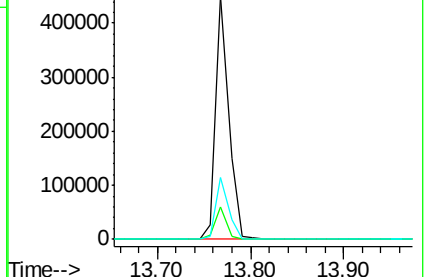
236 25.2 20.6 31.0



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: 90.82 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084953.D

Acq: 9 Feb 2016 15:46

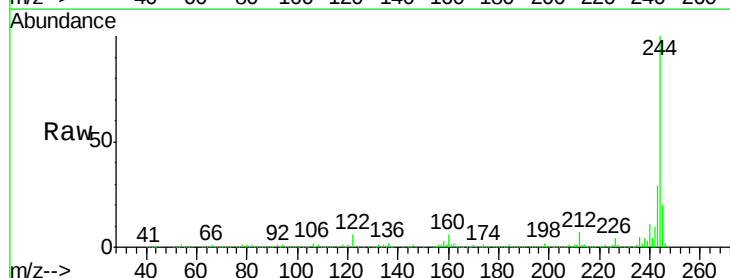
Tgt Ion:244 Resp: 1756109

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

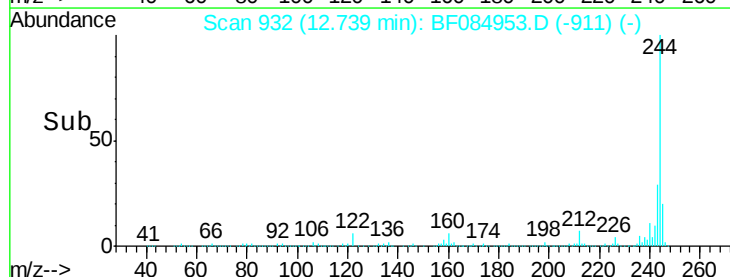
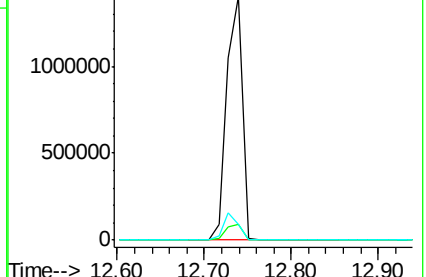
122 6.5 7.4 11.0#

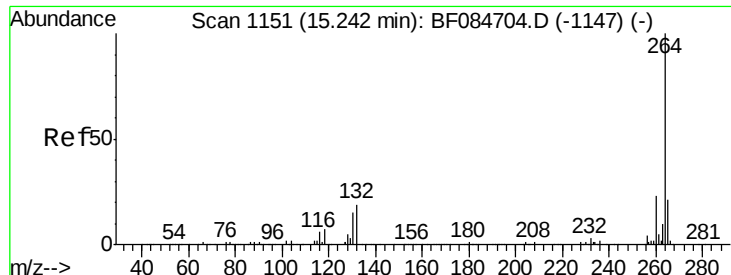


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

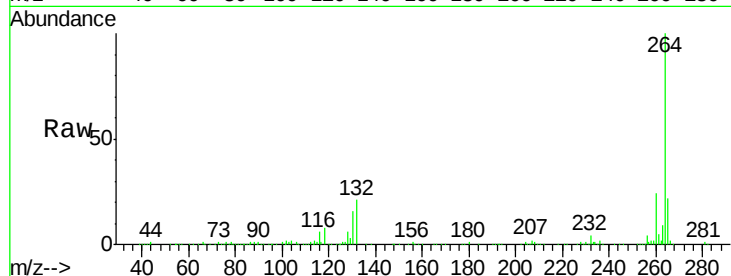




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084953.D
Acq: 9 Feb 2016 15:46

Instrument :
BNA_F
ClientSampleId :
PB88264BL

Tgt Ion: 264 Resp: 316669
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.9 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

