

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081089.D
 Acq On : 19 Aug 2015 19:21
 Operator : UM/IZ
 Sample : PB85064TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:48:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

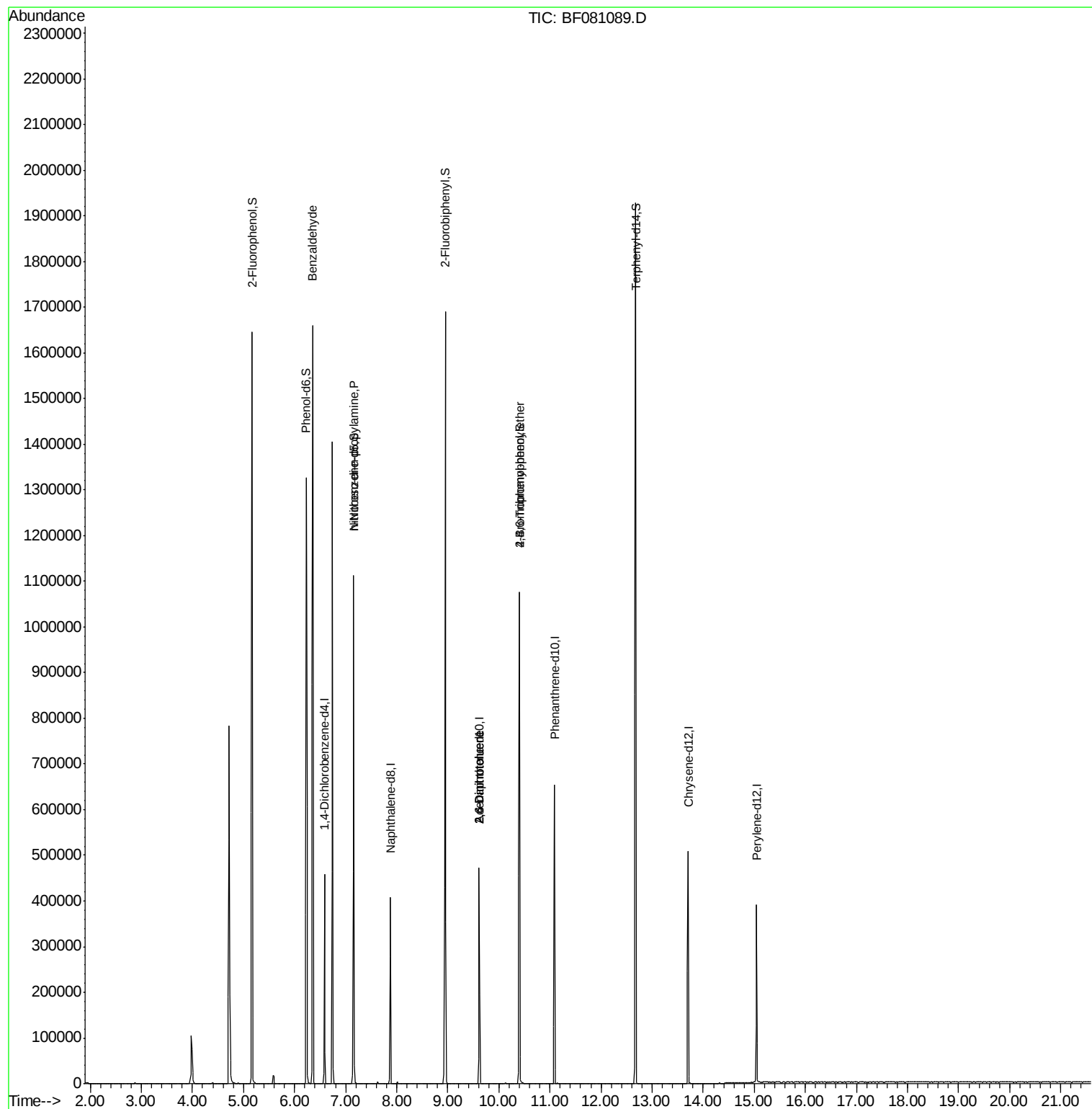
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	58809	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	232926	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	102819	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	226010	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	200207	20.00	ng	-0.04
86) Perylene-d12	15.04	264	152807	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	408343	104.44	ng	-0.02
7) Phenol-d6	6.23	99	559402	109.65	ng	-0.03
23) Nitrobenzene-d5	7.16	82	373913	73.33	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	104994	117.80	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	564712	71.96	ng	-0.04
78) Terphenyl-d14	12.68	244	618648	66.24	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.36	77	11905	3.62	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.16	70	50266	14.22	ng	# 72
50) 2,6-Dinitrotoluene	9.61	165	12658	6.96	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	12658	5.25	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	8553	3.85	ng	# 1

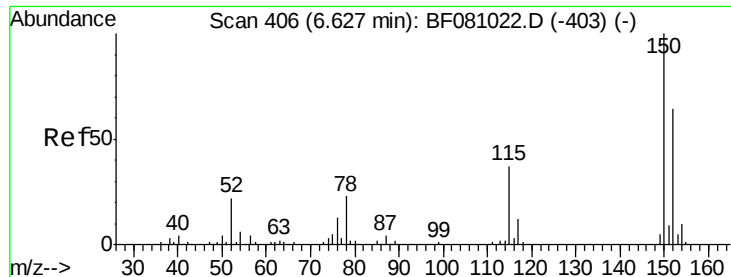
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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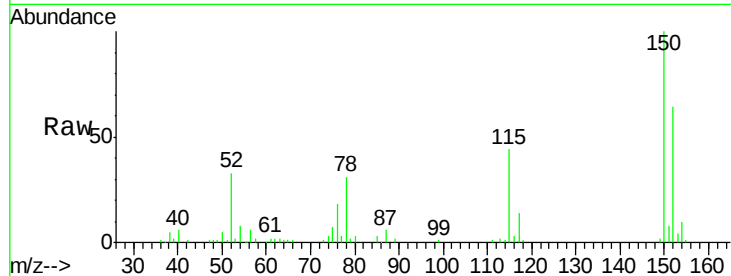


#1

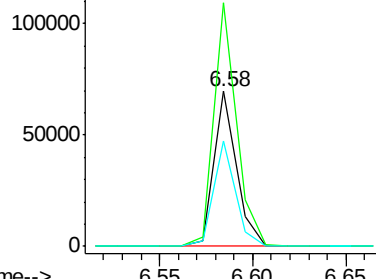
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081089.D
Acq: 19 Aug 2015 19:21

Instrument :
BNA_F
ClientSampleId :

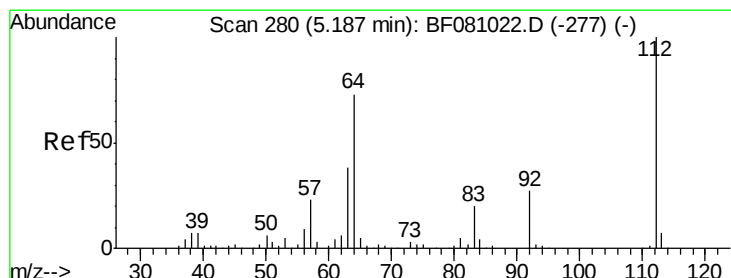
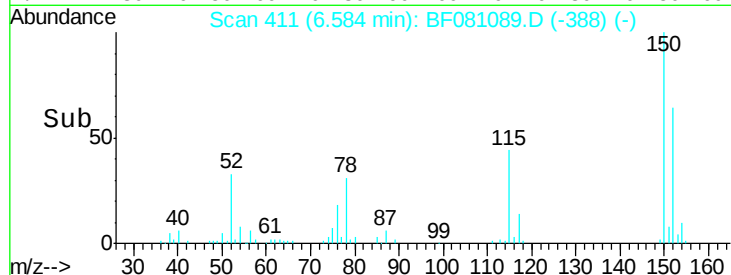
Tot Ion:152 Resp: 58809
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 68.4 52.1 78.1



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



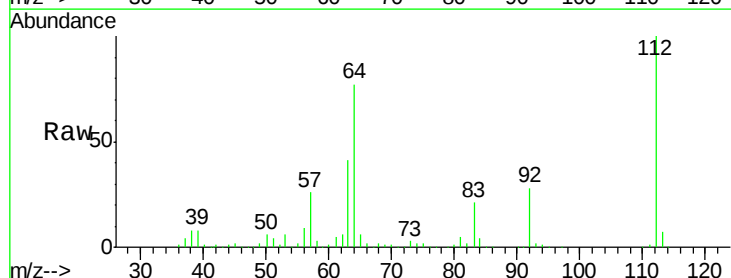
Time-->



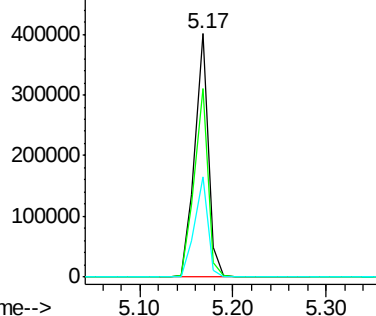
#5

2-Fluorophenol
Concen: 104.44 ng
RT: 5.17 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF081089.D
Acq: 19 Aug 2015 19:21

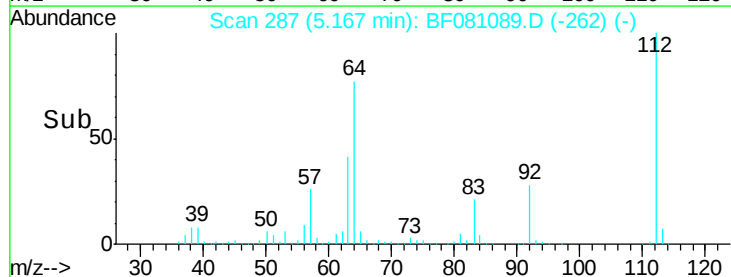
Tgt Ion:112 Resp: 408343
Ion Ratio Lower Upper
112 100
64 77.3 66.9 100.3
63 41.1 38.1 57.1

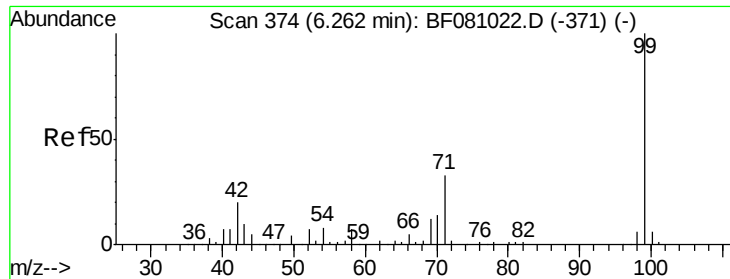


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 109.65 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

Instrument :

BNA_F

ClientSampled :

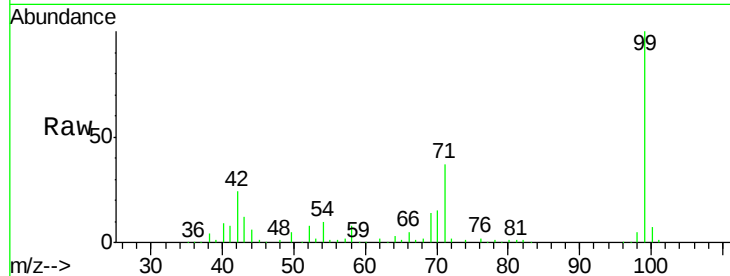
Tot Ion: 99 Resp: 559402

Ion Ratio Lower Upper

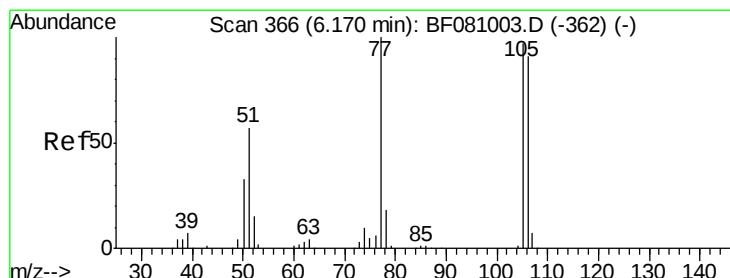
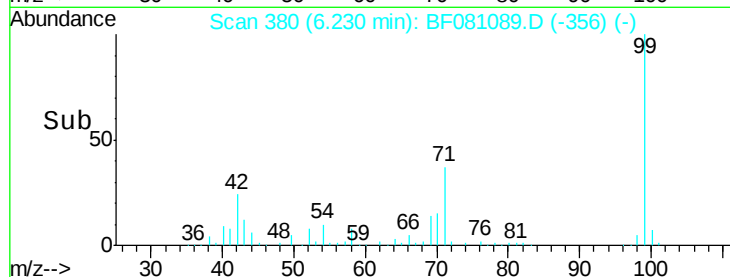
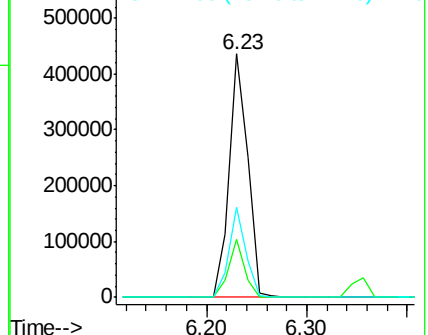
99 100

42 23.8 19.6 29.4

71 37.2 31.2 46.8



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: 3.62 ng

RT: 6.36 min Scan# 391

Delta R.T. 0.20 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

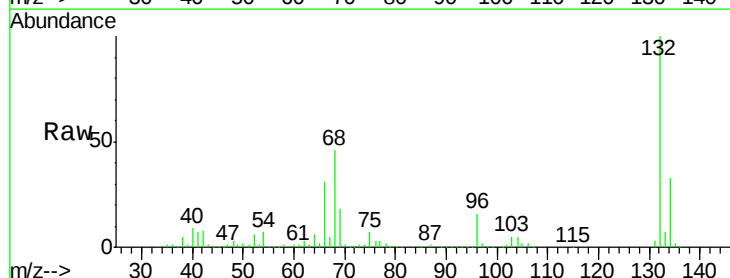
Tgt Ion: 77 Resp: 11905

Ion Ratio Lower Upper

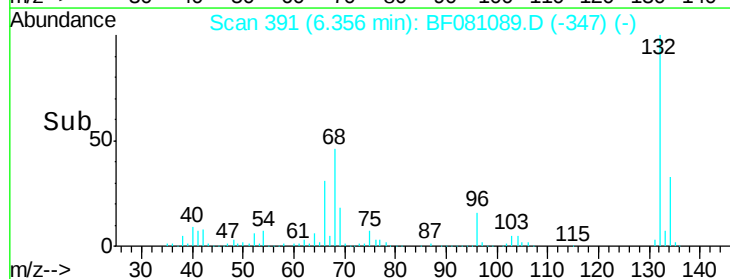
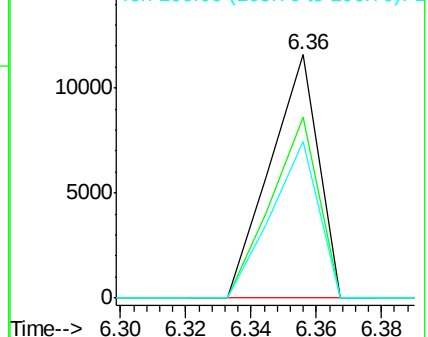
77 100

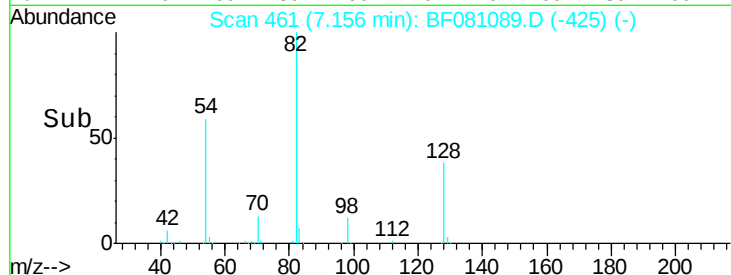
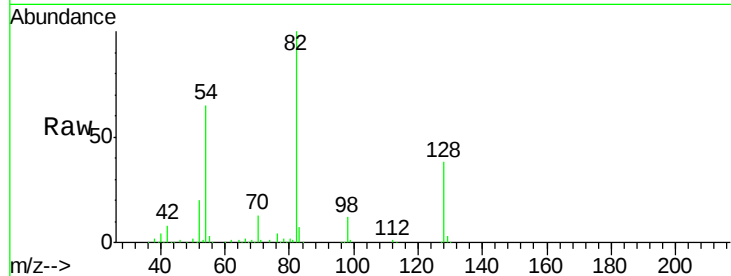
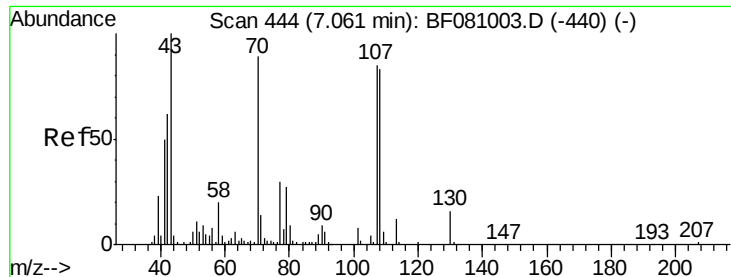
105 74.2 69.6 109.6

106 64.1 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

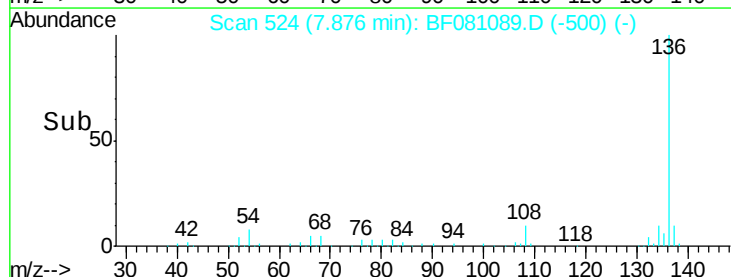
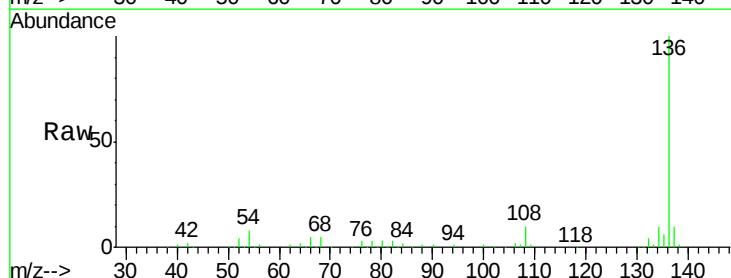
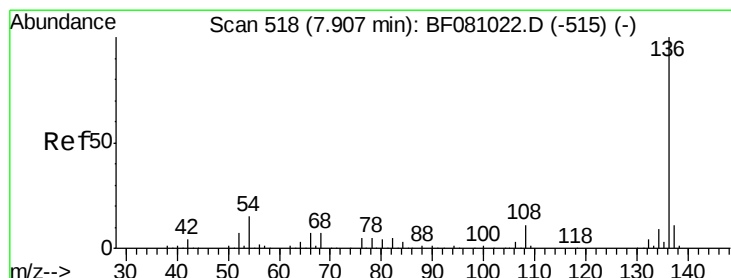
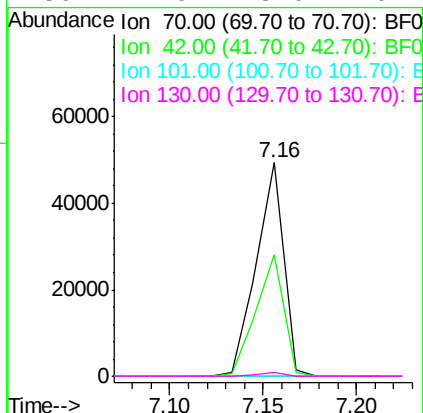




#19
n-Nitroso-di-n-propylamine
Concen: 14.22 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF081089.D
Acq: 19 Aug 2015 19:21

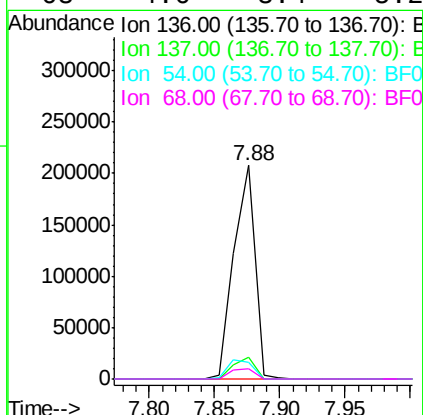
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 50266
Ion Ratio Lower Upper
70 100
42 57.0 65.0 97.4#
101 0.0 7.4 11.2#
130 1.9 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081089.D
Acq: 19 Aug 2015 19:21

Tgt Ion: 136 Resp: 232926
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 8.1 7.7 11.5
68 4.6 3.4 5.2

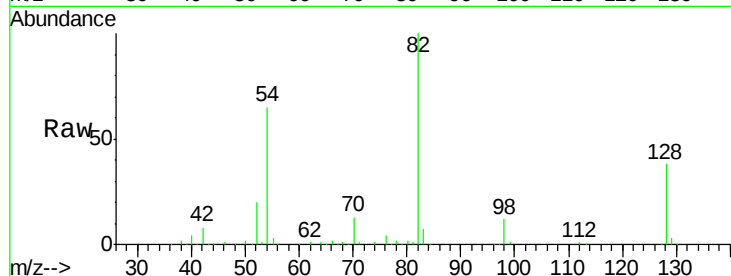




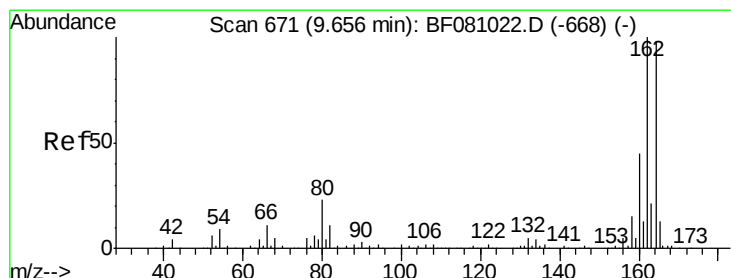
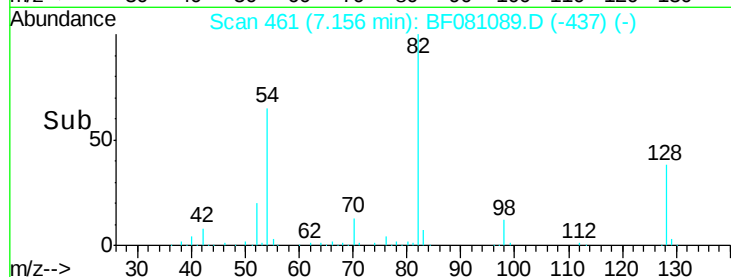
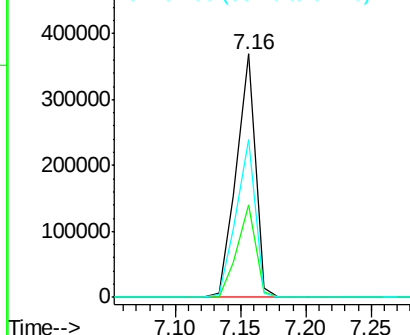
#23
 Nitrobenzene-d5
 Concen: 73.33 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 373913
 Ion Ratio Lower Upper
 82 100
 128 37.9 28.6 42.8
 54 64.7 55.1 82.7

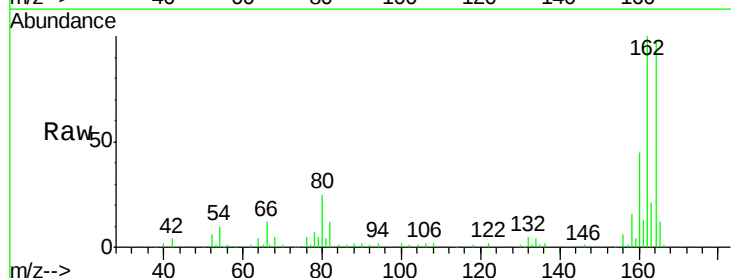


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

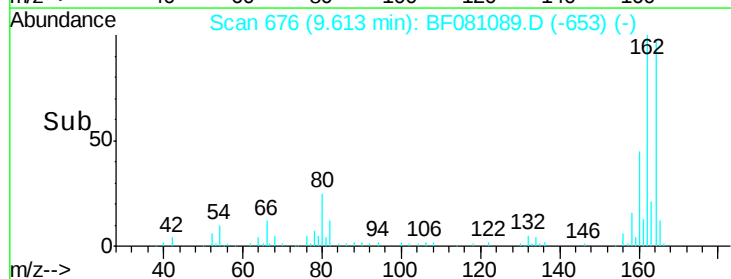
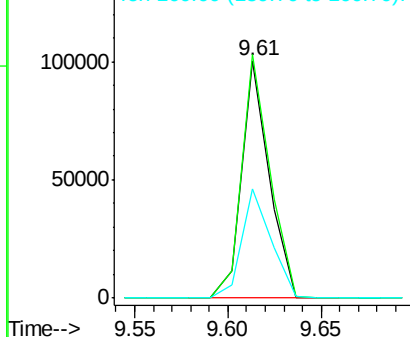


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

Tgt Ion: 164 Resp: 102819
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.8 125.8
 160 46.3 39.8 59.8



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: 117.80 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

Instrument :

BNA_F

ClientSampleId :

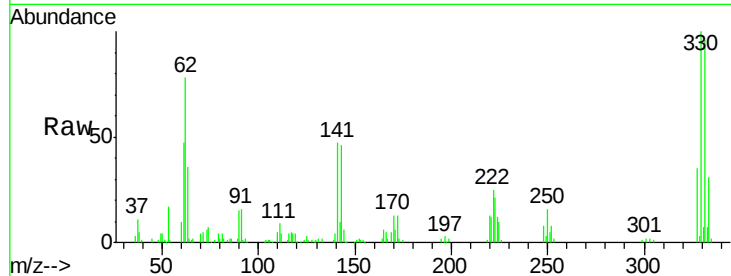
Tot Ion:330 Resp: 104994

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

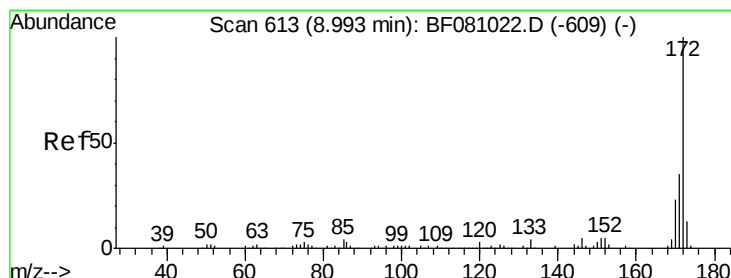
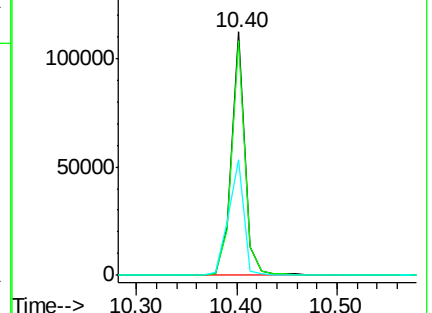
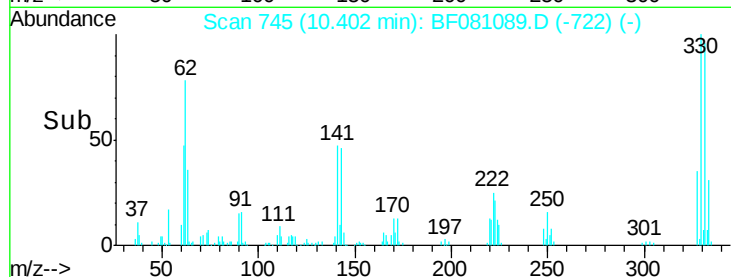
141 53.3 44.9 67.3



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: 71.96 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

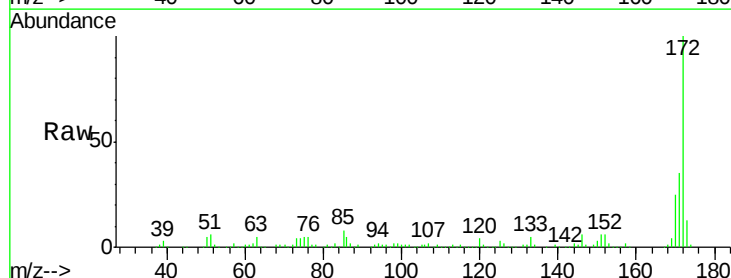
Tgt Ion:172 Resp: 564712

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

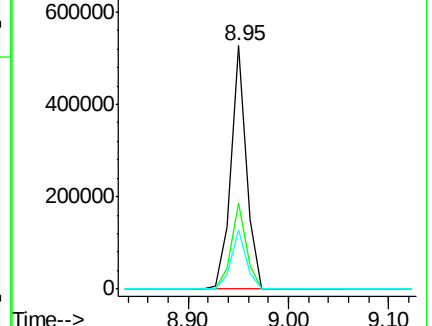
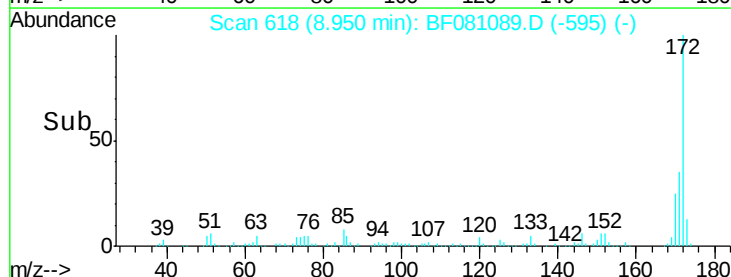
170 24.6 19.4 29.2

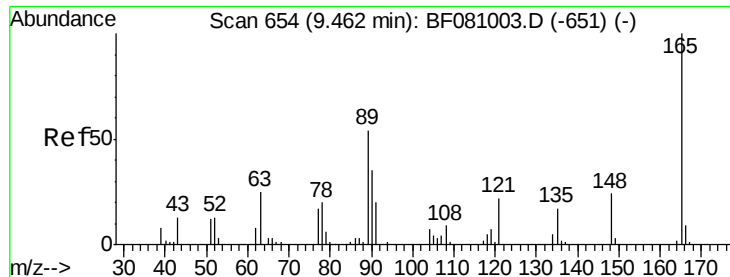


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

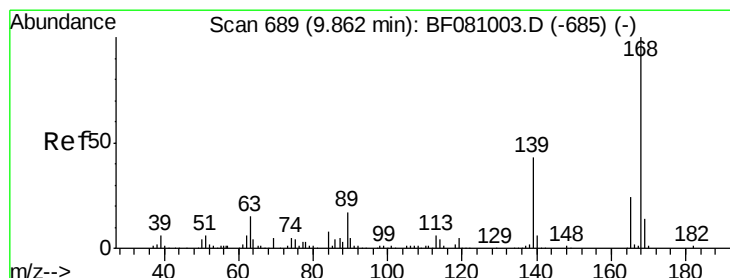
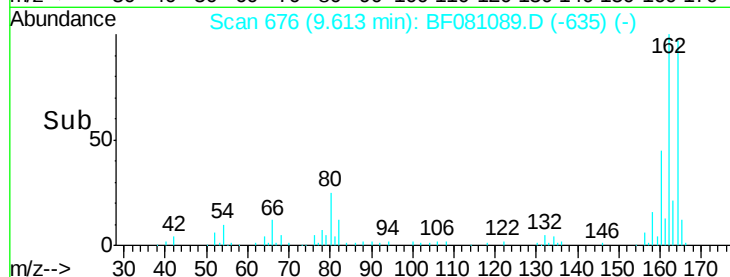
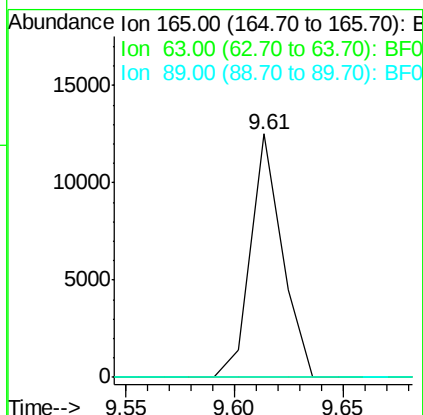
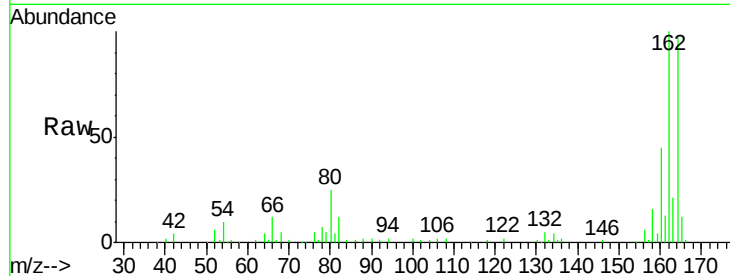




#50
 2,6-Dinitrotoluene
 Concen: 6.96 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

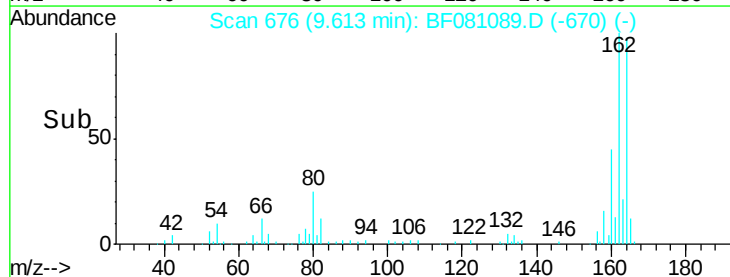
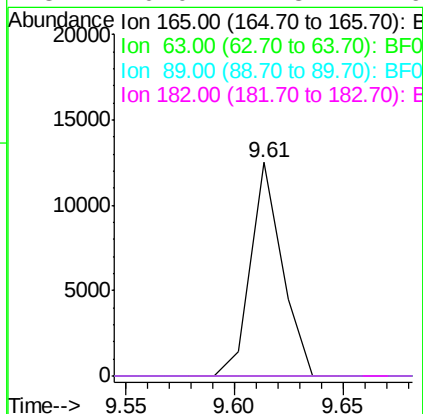
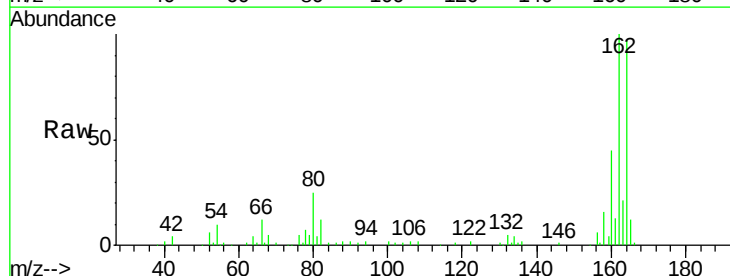
Instrument :
 BNA_F
 ClientSampleId :

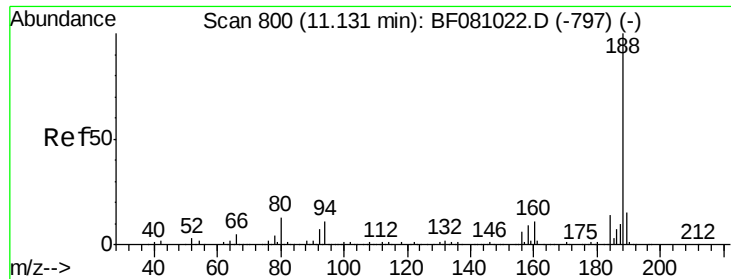
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



#56
 2,4-Dinitrotoluene
 Concen: 5.25 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

Instrument :

BNA_F

ClientSampleId :

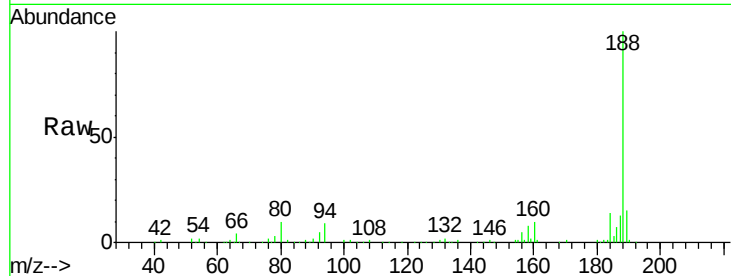
Tot Ion:188 Resp: 226010

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

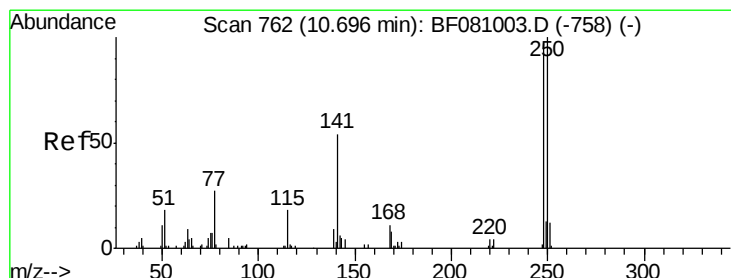
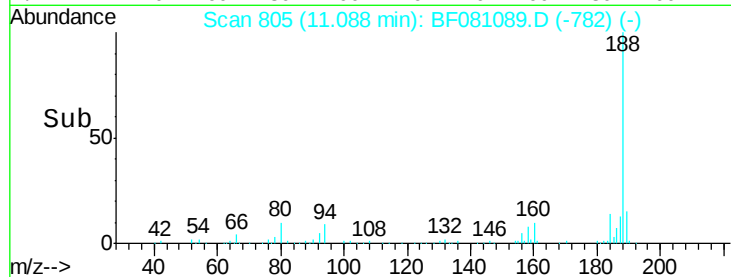
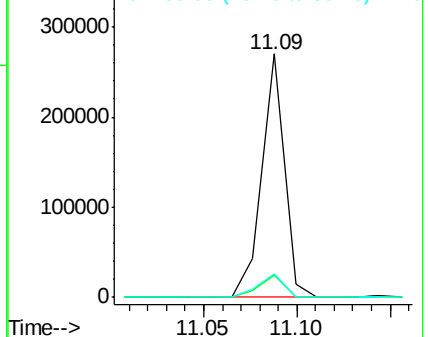
80 9.9 9.5 14.3



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: 3.85 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.28 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

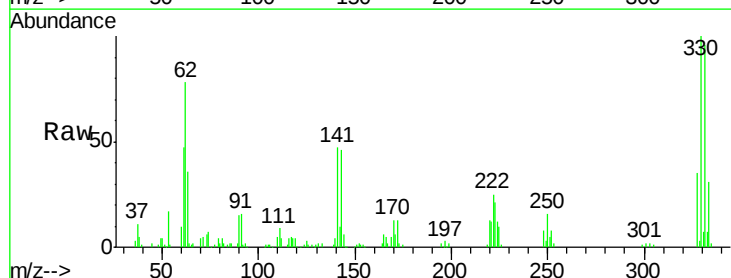
Tgt Ion:248 Resp: 8553

Ion Ratio Lower Upper

248 100

250 198.0 77.8 116.6#

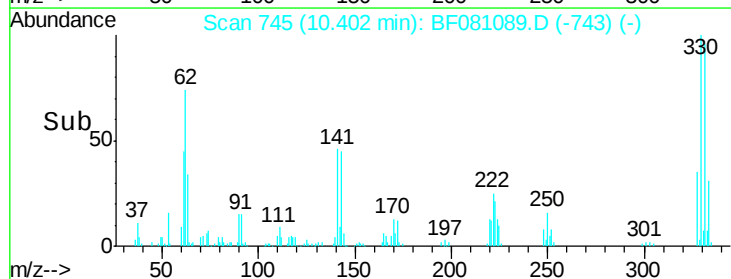
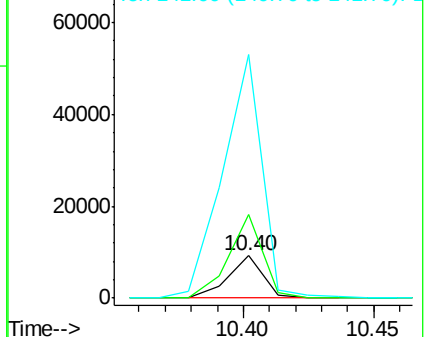
141 578.5 39.8 59.6#

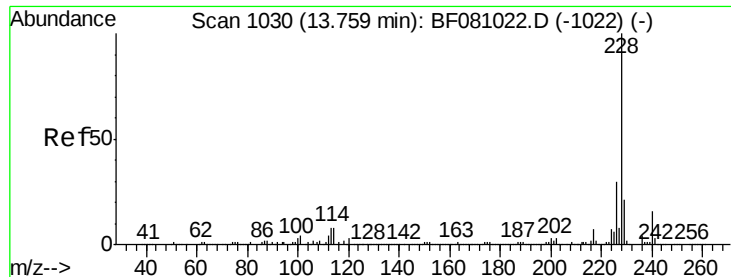


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

Instrument :

BNA_F

ClientSampled :

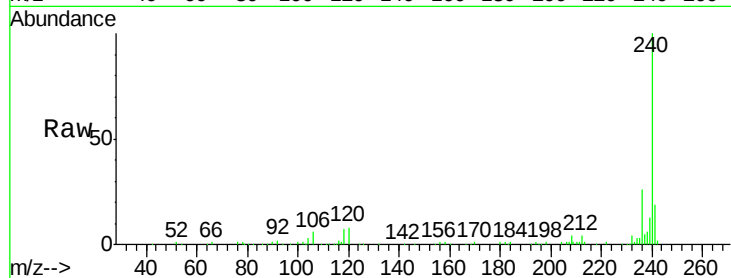
Tot Ion:240 Resp: 200207

Ion Ratio Lower Upper

240 100

120 8.3 5.6 8.4

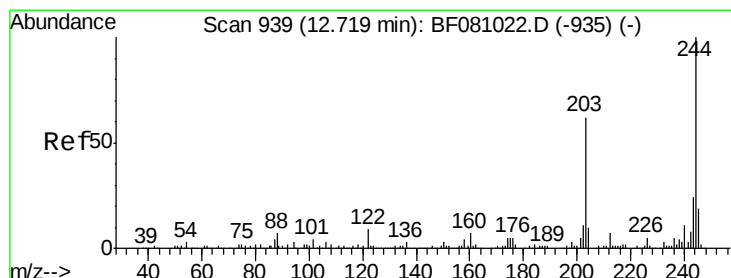
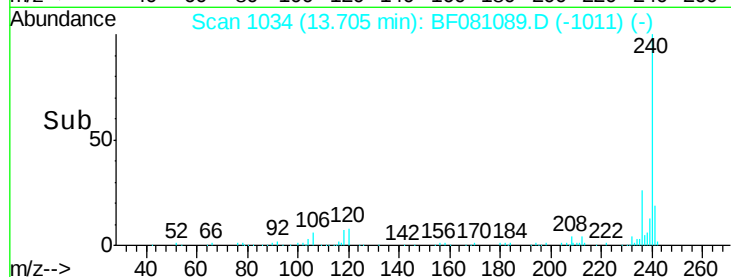
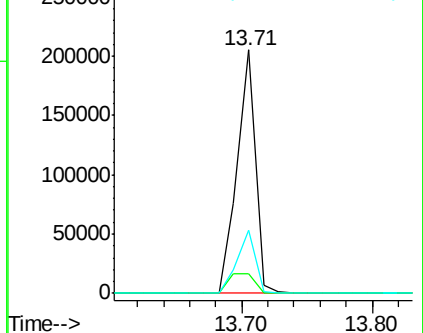
236 25.9 20.6 30.8



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: 66.24 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

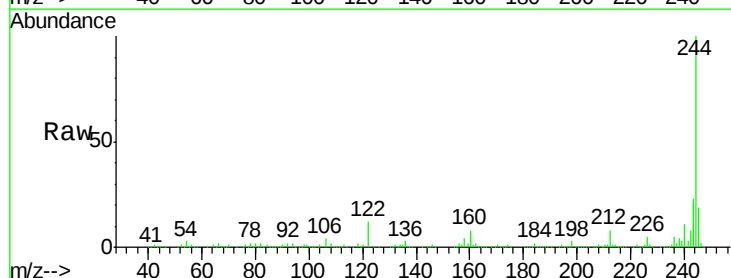
Tgt Ion:244 Resp: 618648

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

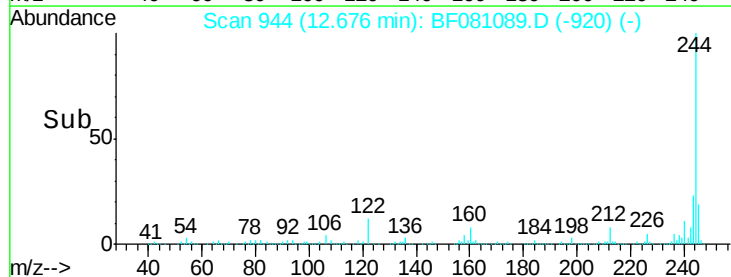
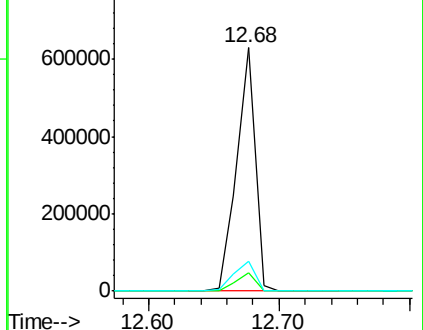
122 12.2 8.2 12.4

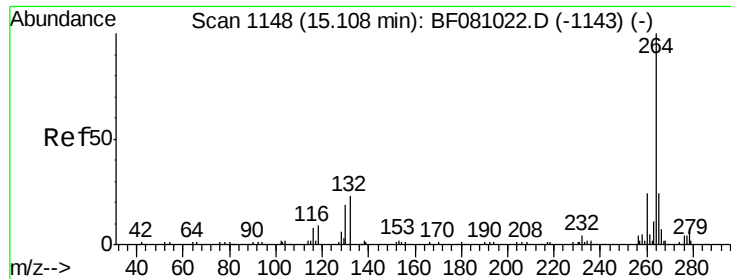


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

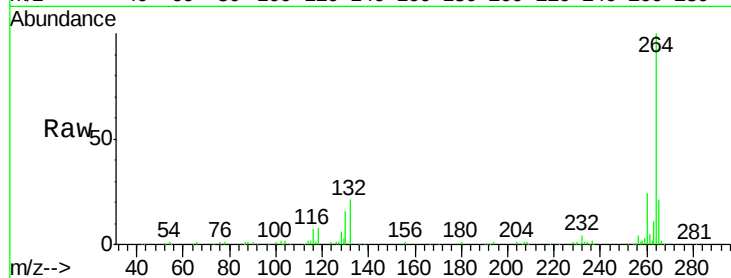




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.0	17.5	26.3



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

