

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082361.D
 Acq On : 19 Oct 2015 17:55
 Operator : UM/IZ
 Sample : PB86128BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BL

Quant Time: Oct 20 02:04:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

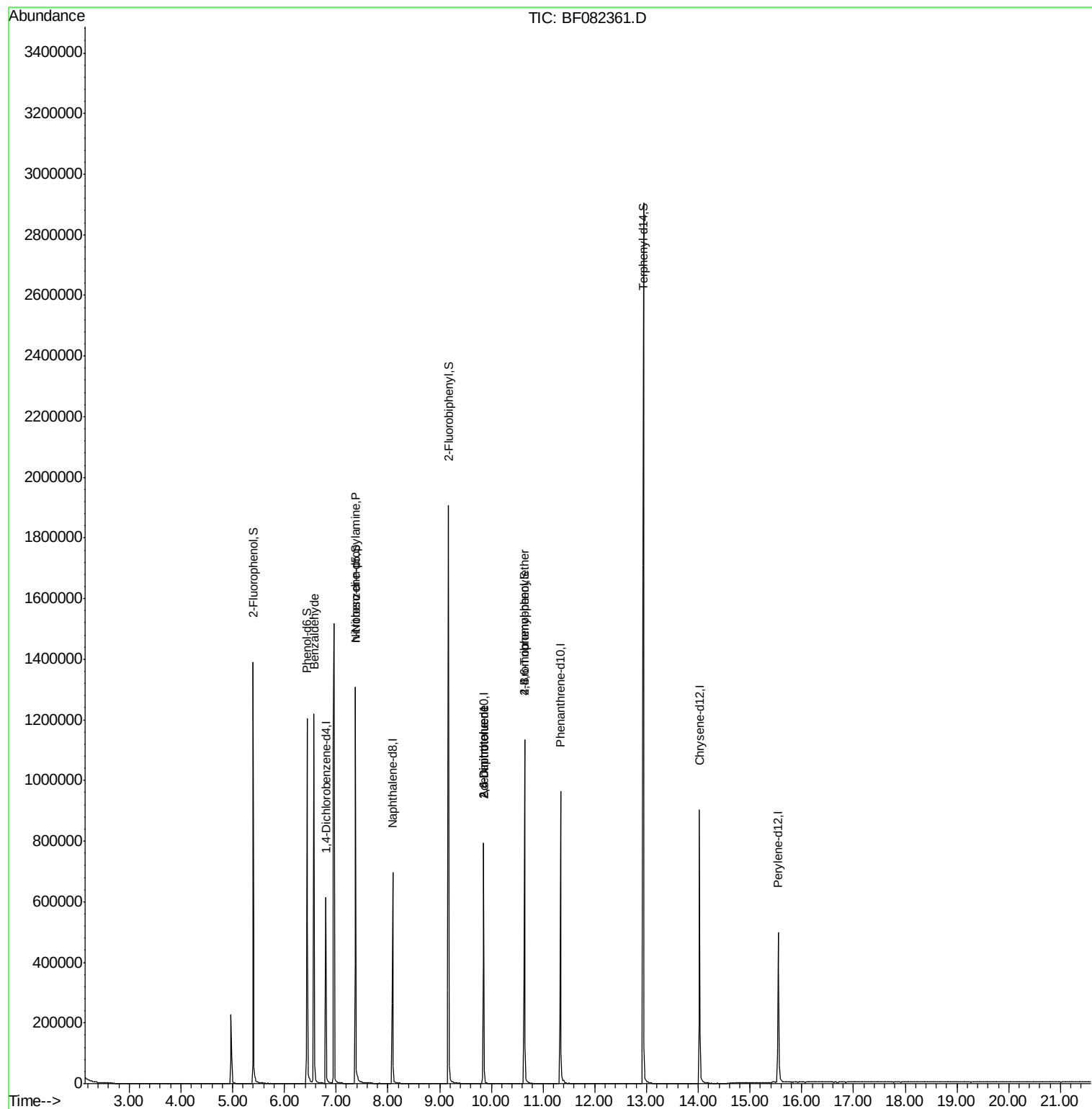
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100052	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	385196	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	202048	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	407819	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	370716	20.00	ng	-0.07
86) Perylene-d12	15.54	264	288972	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	416091	83.93	ng	0.00
7) Phenol-d6	6.43	99	519416	80.51	ng	-0.01
23) Nitrobenzene-d5	7.37	82	493704	86.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	132969	70.17	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1061547	87.13	ng	0.00
78) Terphenyl-d14	12.94	244	1166209	83.36	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	9797	2.97	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.37	70	63933	14.11	ng	# 80
50) 2,6-Dinitrotoluene	9.85	165	24499	8.16	ng	# 30
56) 2,4-Dinitrotoluene	9.85	165	24499	6.53	ng	# 21
66) 4-Bromophenyl-phenylether	10.64	248	10569	2.59	ng	# 1

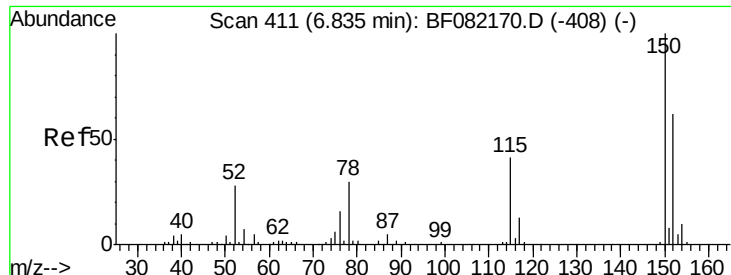
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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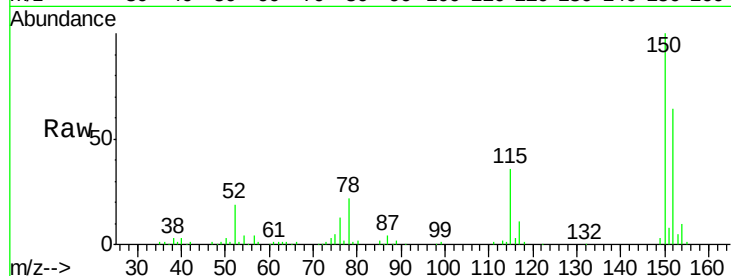


#1

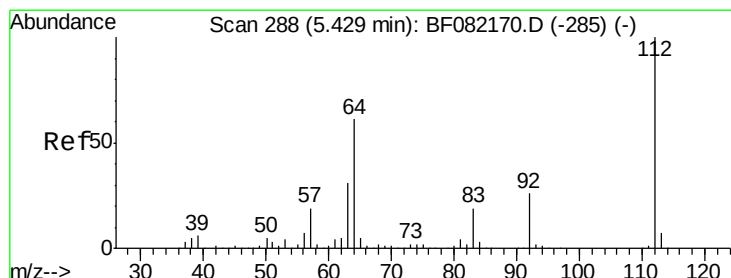
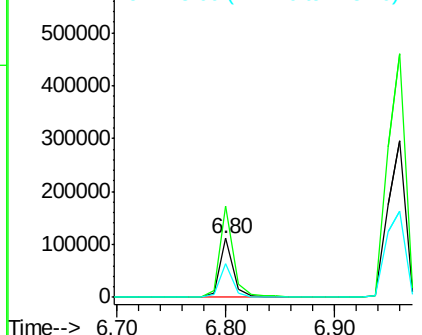
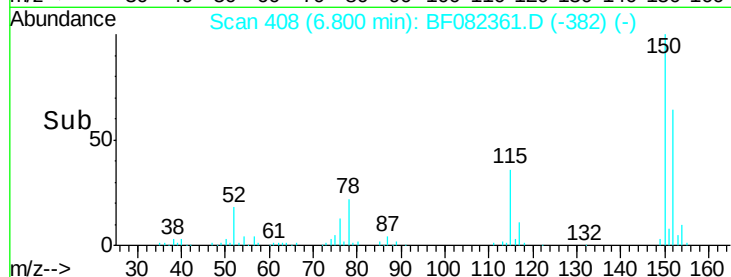
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF082361.D
Acq: 19 Oct 2015 17:55

Instrument :
BNA_F
ClientSampleId :
PB86128BL

Tot Ion:152 Resp: 100052
Ion Ratio Lower Upper
152 100
150 155.1 129.0 193.4
115 56.2 52.1 78.1



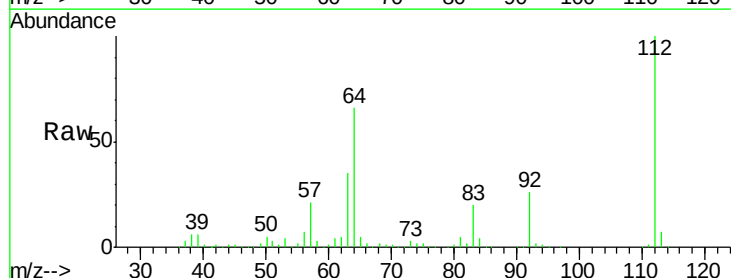
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



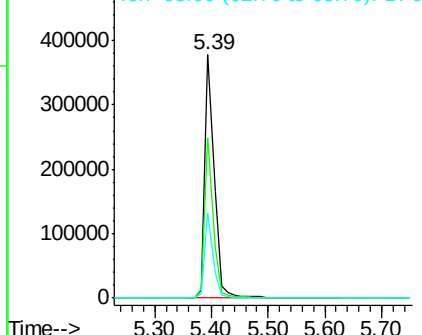
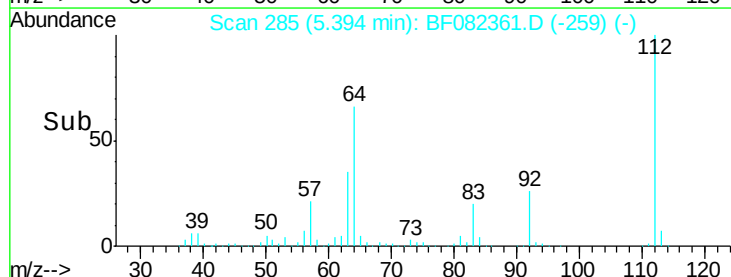
#5

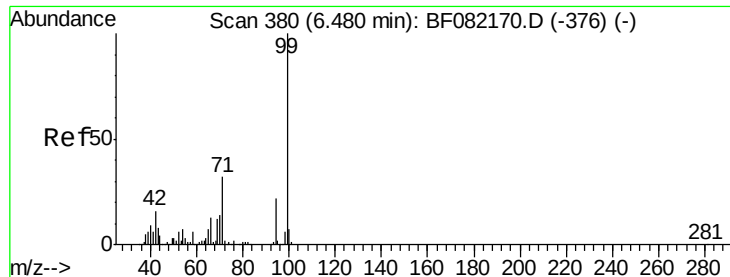
2-Fluorophenol
Concen: 83.93 ng
RT: 5.39 min Scan# 285
Delta R.T. 0.00 min
Lab File: BF082361.D
Acq: 19 Oct 2015 17:55

Tgt Ion:112 Resp: 416091
Ion Ratio Lower Upper
112 100
64 65.8 48.6 73.0
63 34.8 25.1 37.7



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: 80.51 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082361.D

Acq: 19 Oct 2015 17:55

Instrument :

BNA_F

ClientSampled :

PB86128BL

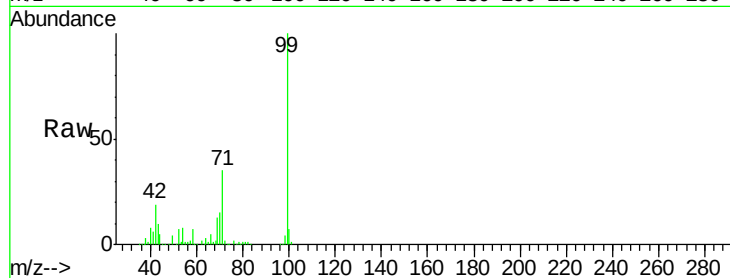
Tot Ion: 99 Resp: 519416

Ion Ratio Lower Upper

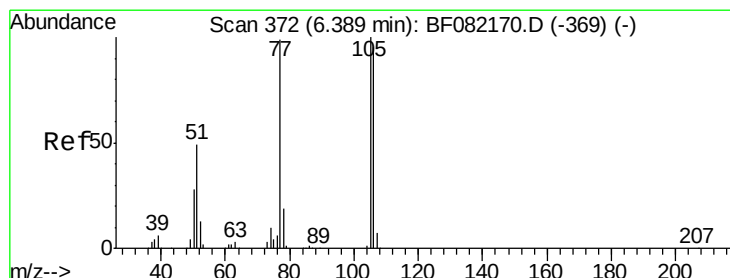
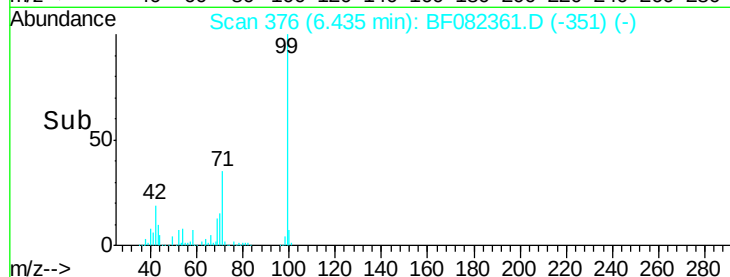
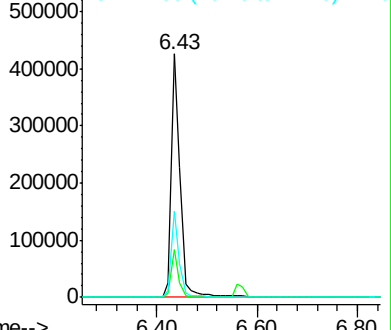
99 100

42 19.4 13.2 19.8

71 35.1 25.6 38.4



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: 2.97 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.22 min

Lab File: BF082361.D

Acq: 19 Oct 2015 17:55

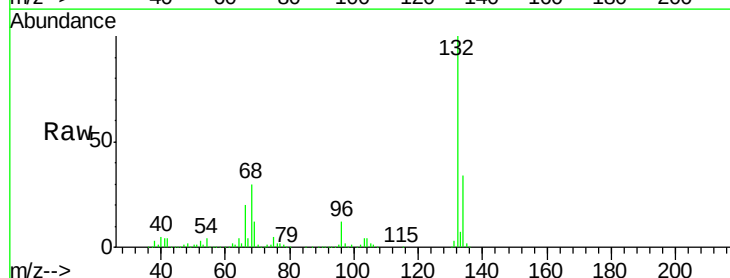
Tgt Ion: 77 Resp: 9797

Ion Ratio Lower Upper

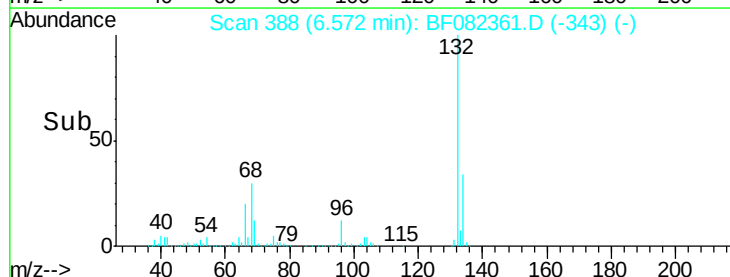
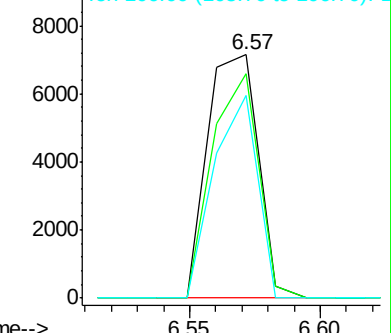
77 100

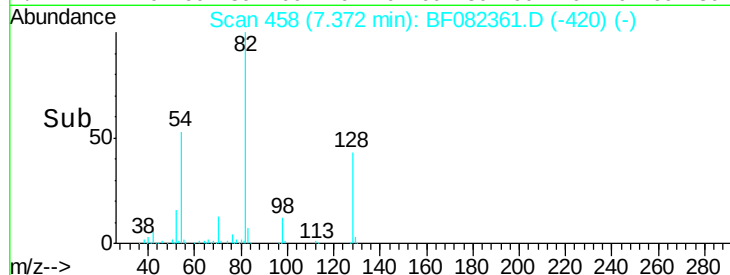
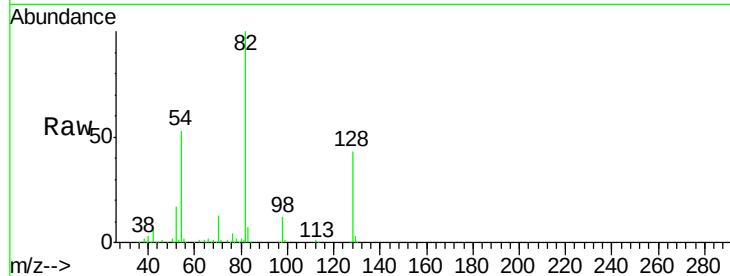
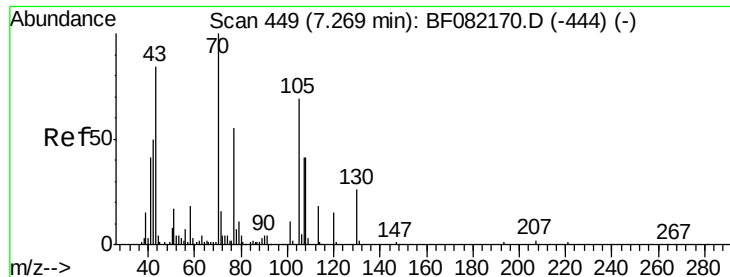
105 92.1 80.6 120.6

106 83.4 75.5 115.5



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

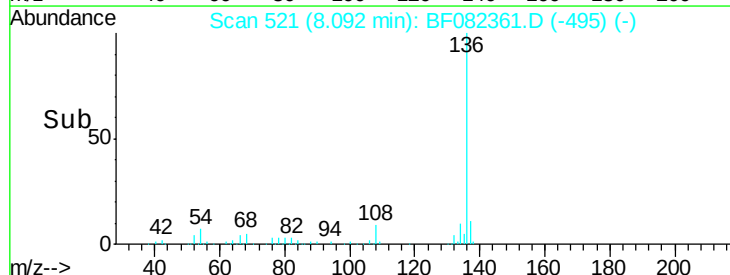
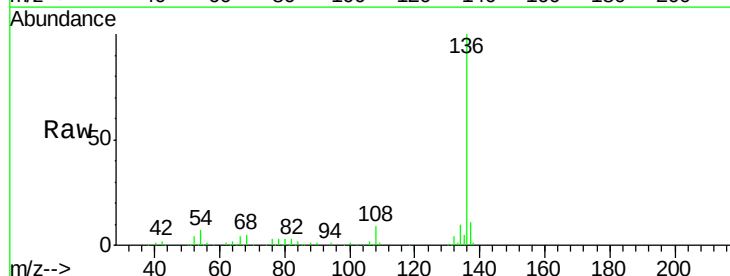
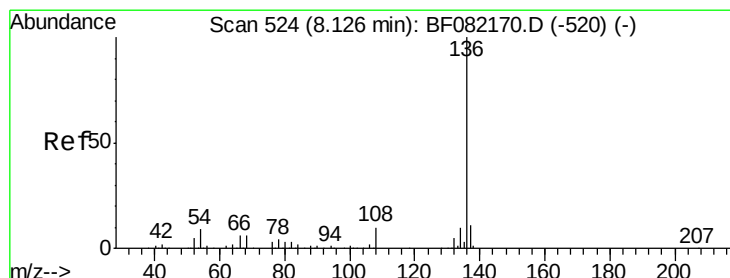
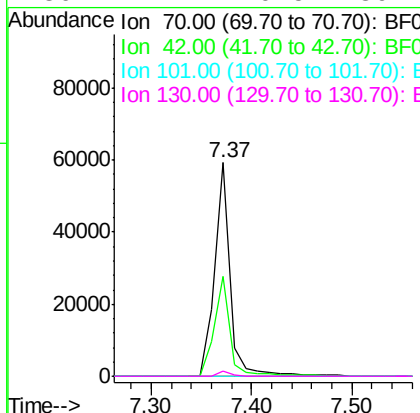




#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.14 min
Lab File: BF082361.D
Acq: 19 Oct 2015 17:55

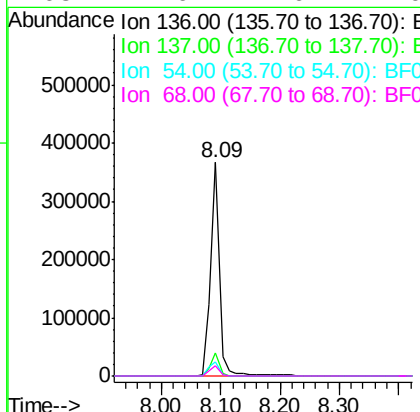
Instrument :
BNA_F
ClientSampleId :
PB86128BL

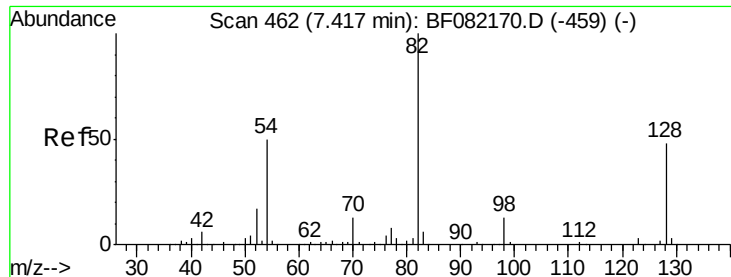
Tot Ion: 70 Resp: 63933
Ion Ratio Lower Upper
70 100
42 46.9 39.8 59.8
101 0.0 8.6 13.0#
130 2.4 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF082361.D
Acq: 19 Oct 2015 17:55

Tgt Ion: 136 Resp: 385196
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 6.8 7.5 11.3#
68 4.6 4.6 7.0

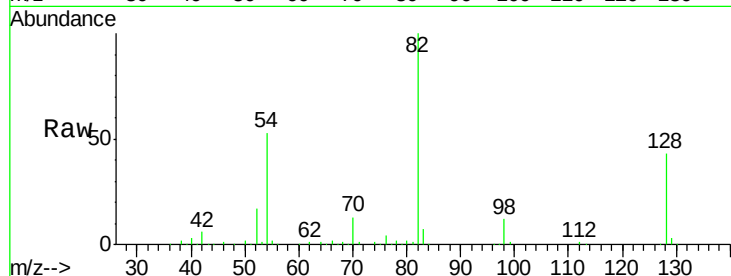




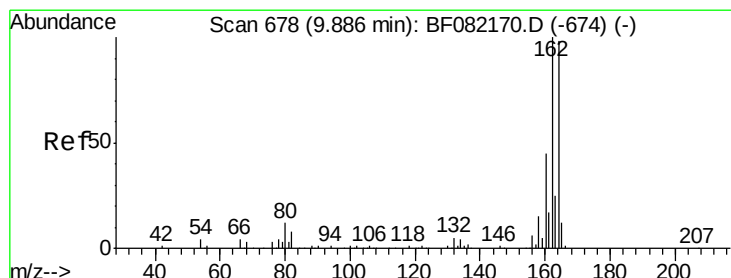
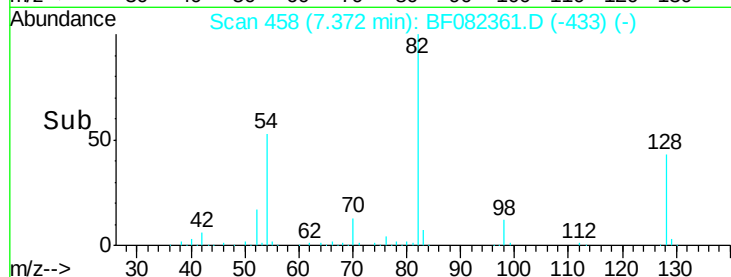
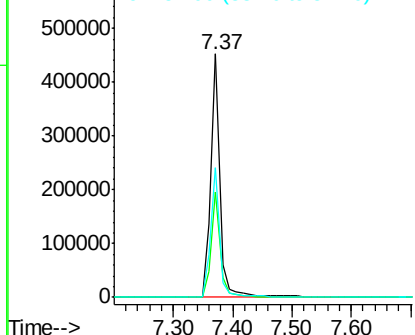
#23
Nitrobenzene-d5
Concen: 86.07 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF082361.D
Acq: 19 Oct 2015 17:55

Instrument :
BNA_F
ClientSampleId :
PB86128BL

Tot Ion: 82 Resp: 493704
Ion Ratio Lower Upper
82 100
128 43.3 38.7 58.1
54 53.2 40.1 60.1

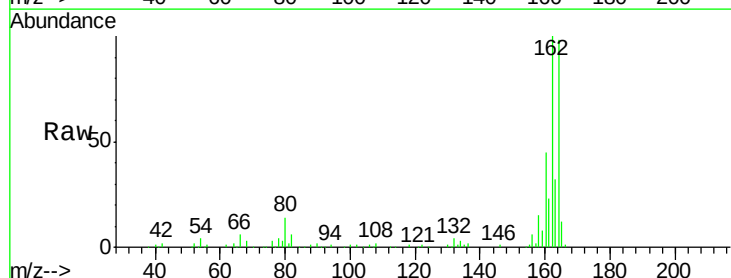


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

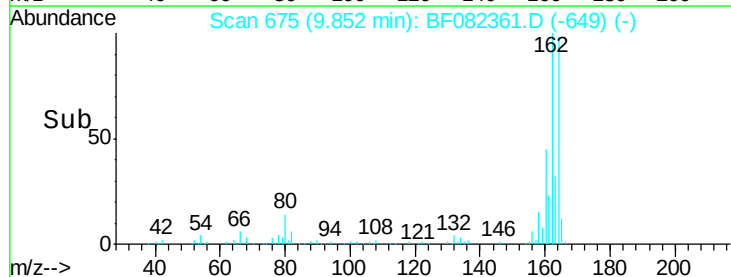
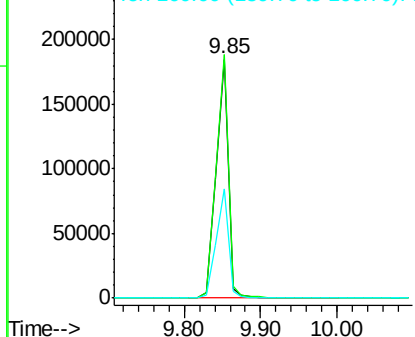


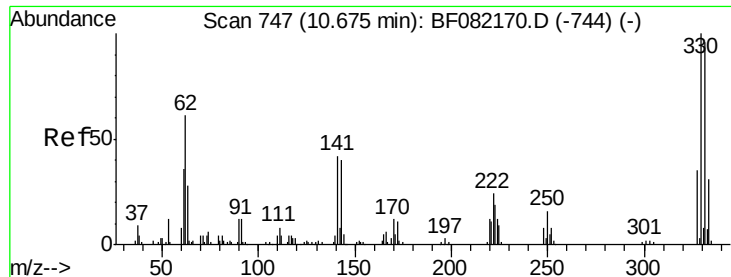
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082361.D
Acq: 19 Oct 2015 17:55

Tgt Ion:164 Resp: 202048
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 45.5 36.4 54.6



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

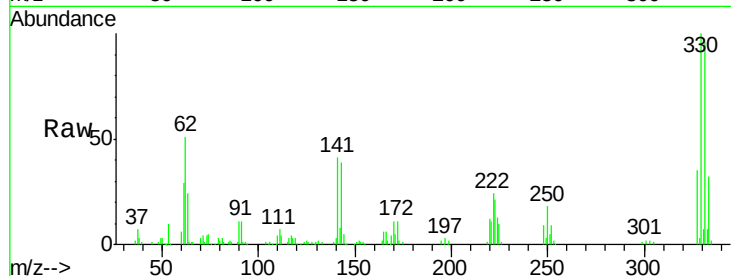




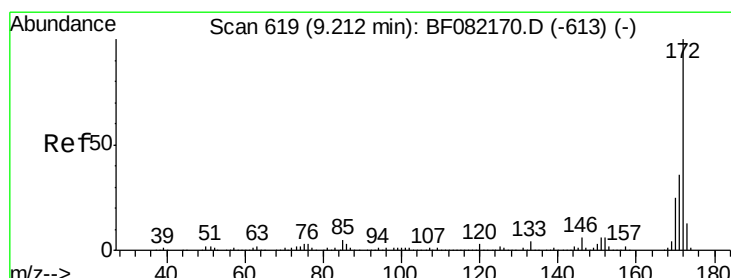
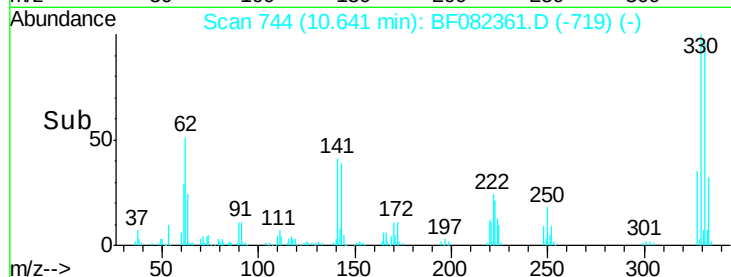
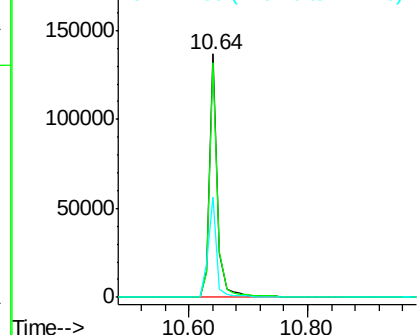
#41
 2,4,6-Tribromophenol
 Concen: 70.17 ng
 RT: 10.64 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF082361.D
 Acq: 19 Oct 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	44.0	29.8	44.8

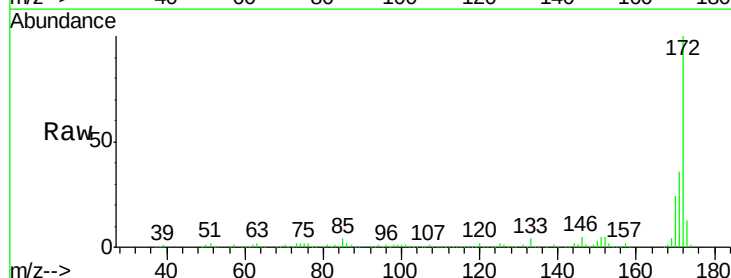


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

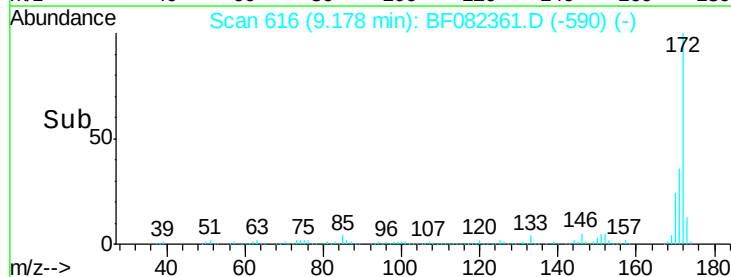
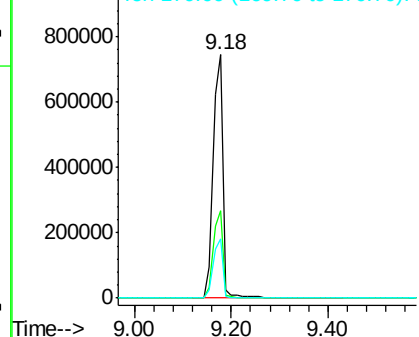


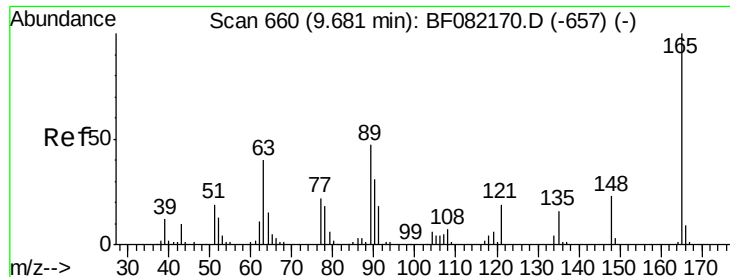
#44
 2-Fluorobiphenyl
 Concen: 87.13 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082361.D
 Acq: 19 Oct 2015 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.1	19.7	29.5



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

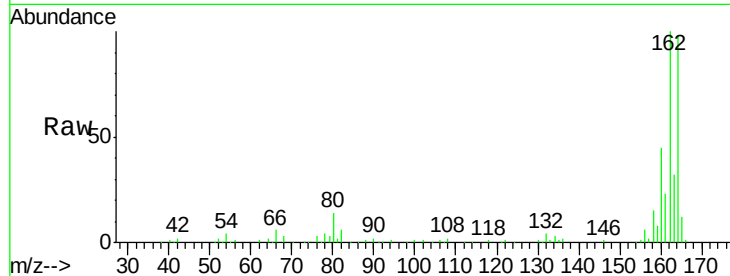




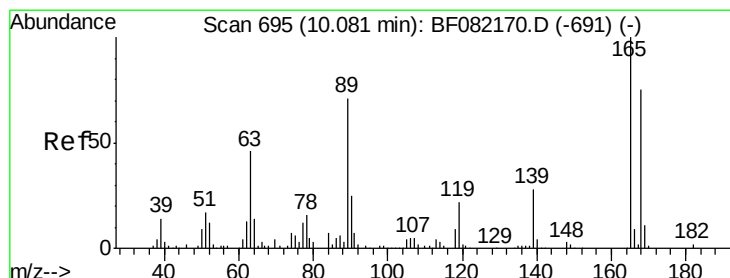
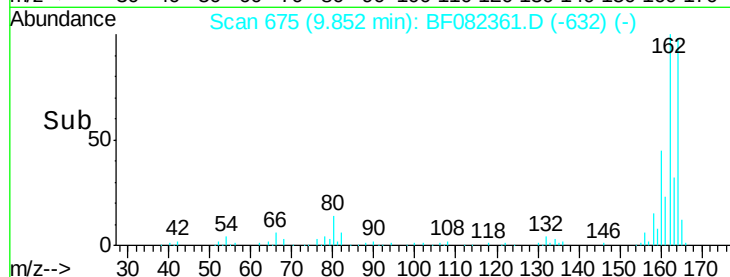
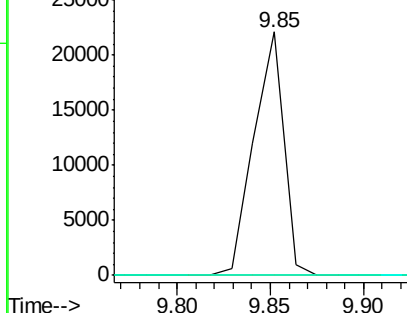
#50
 2,6-Dinitrotoluene
 Concen: 8.16 ng
 RT: 9.85 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF082361.D
 Acq: 19 Oct 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	37.8	56.6#



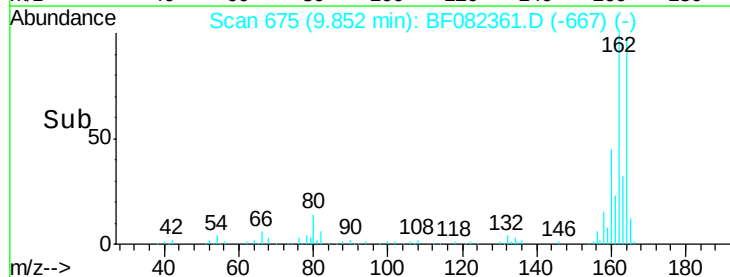
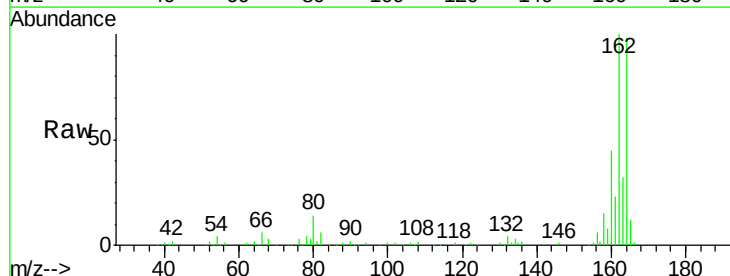
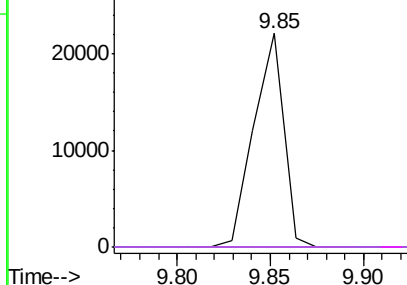
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

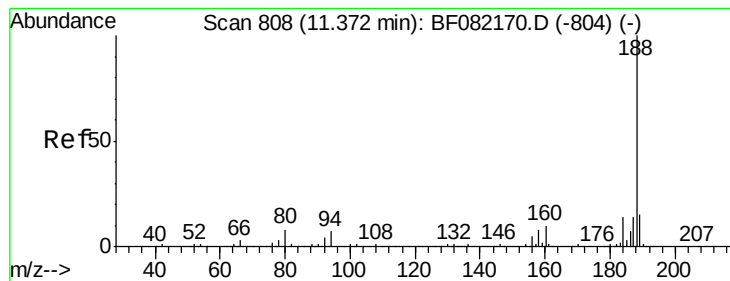


#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 9.85 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF082361.D
 Acq: 19 Oct 2015 17:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#

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# 805

Delta R.T. -0.01 min

Lab File: BF082361.D

Acq: 19 Oct 2015 17:55

Instrument :

BNA_F

ClientSampled :

PB86128BL

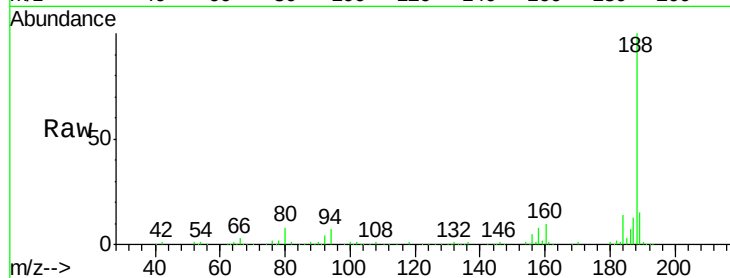
Tot Ion:188 Resp: 407819

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

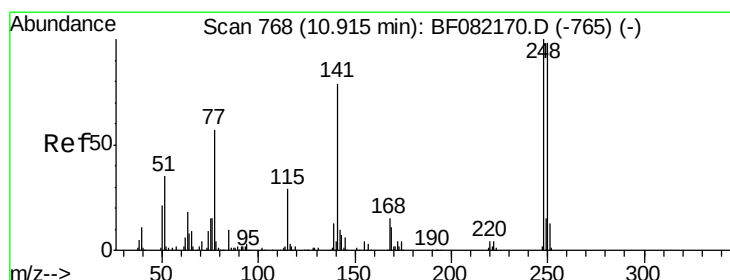
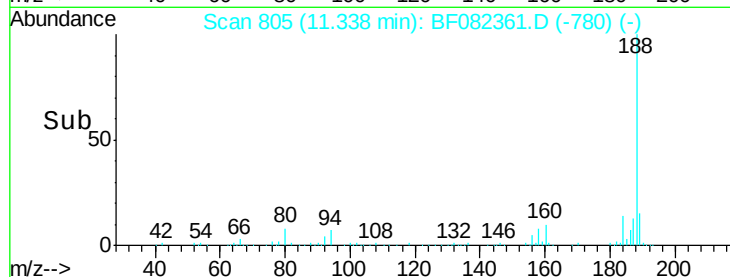
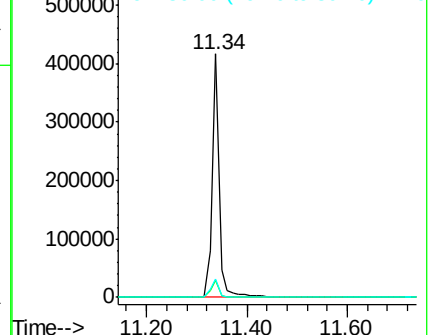
80 7.7 6.4 9.6



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: 2.59 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF082361.D

Acq: 19 Oct 2015 17:55

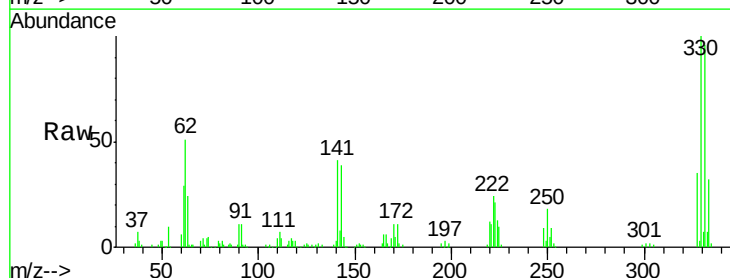
Tgt Ion:248 Resp: 10569

Ion Ratio Lower Upper

248 100

250 202.0 78.6 117.8#

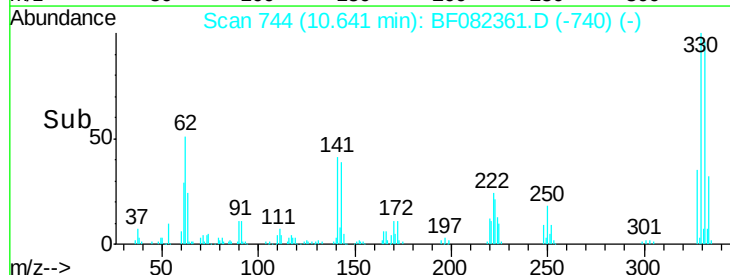
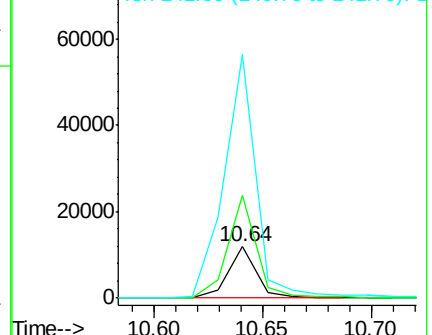
141 475.6 63.3 94.9#

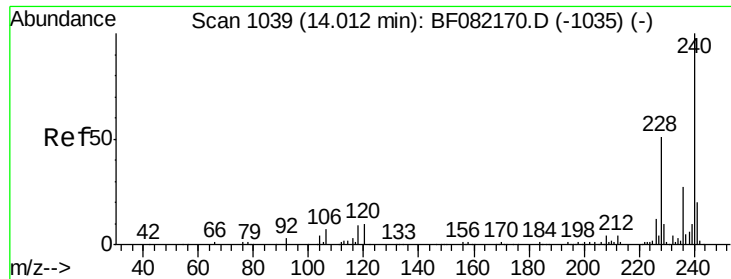


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1040

Delta R.T. -0.07 min

Lab File: BF082361.D

Acq: 19 Oct 2015 17:55

Instrument :

BNA_F

ClientSampleId :

PB86128BL

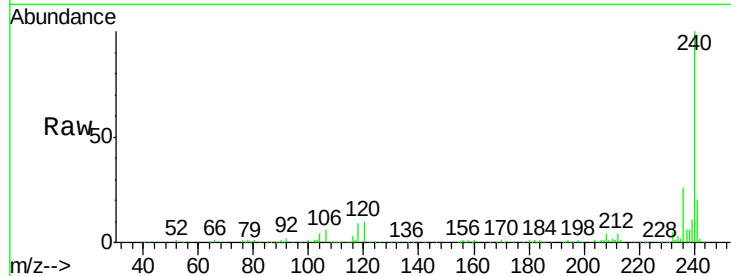
Tot Ion:240 Resp: 370716

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

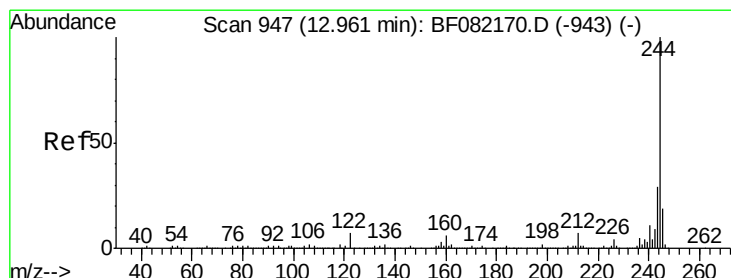
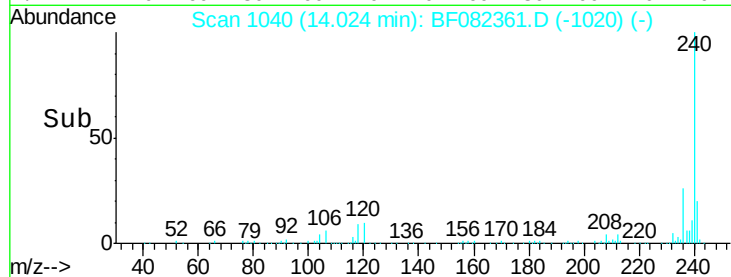
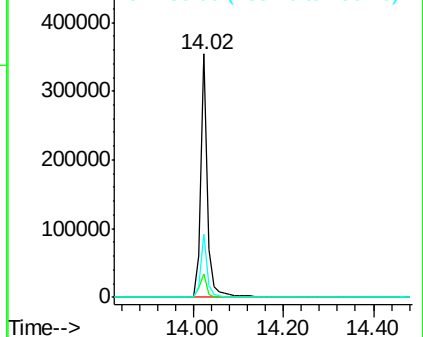
236 26.1 21.3 31.9



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: 83.36 ng

RT: 12.94 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF082361.D

Acq: 19 Oct 2015 17:55

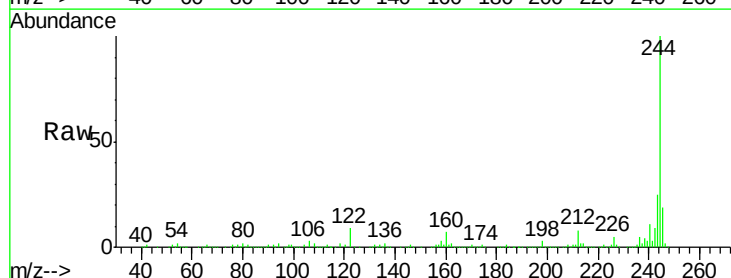
Tgt Ion:244 Resp: 1166209

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

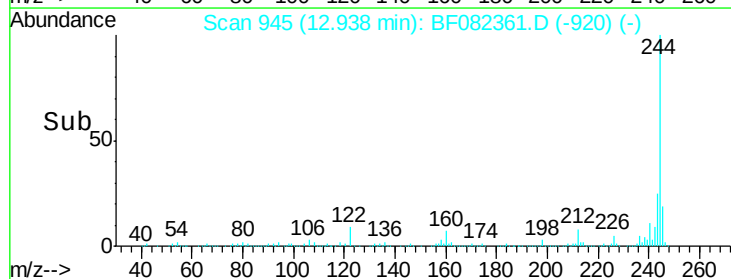
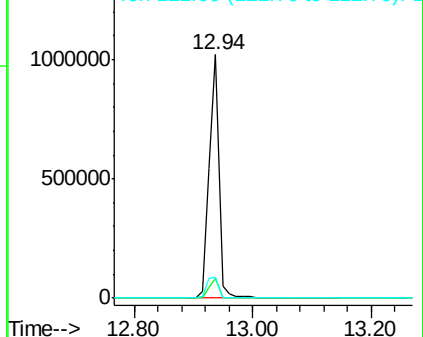
122 8.8 5.9 8.9

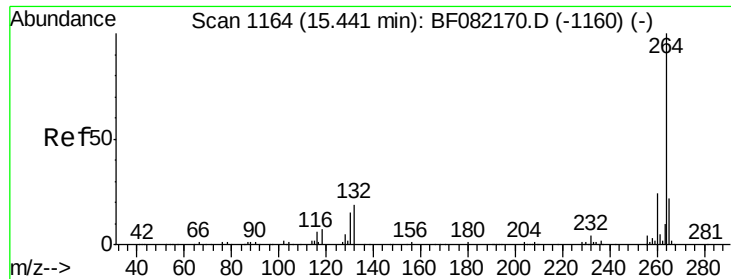


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



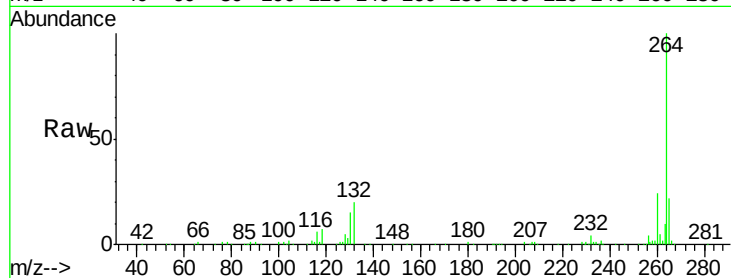


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1173
Delta R.T. -0.13 min
Lab File: BF082361.D
Acq: 19 Oct 2015 17:55

Instrument :
BNA_F
ClientSampleId :
PB86128BL

Tot Ion: 264 Resp: 288972

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.8	17.3	25.9



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

