

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082261.D
 Acq On : 13 Oct 2015 18:34
 Operator : UM/IZ
 Sample : PB86079BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BL

Quant Time: Oct 14 01:19:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

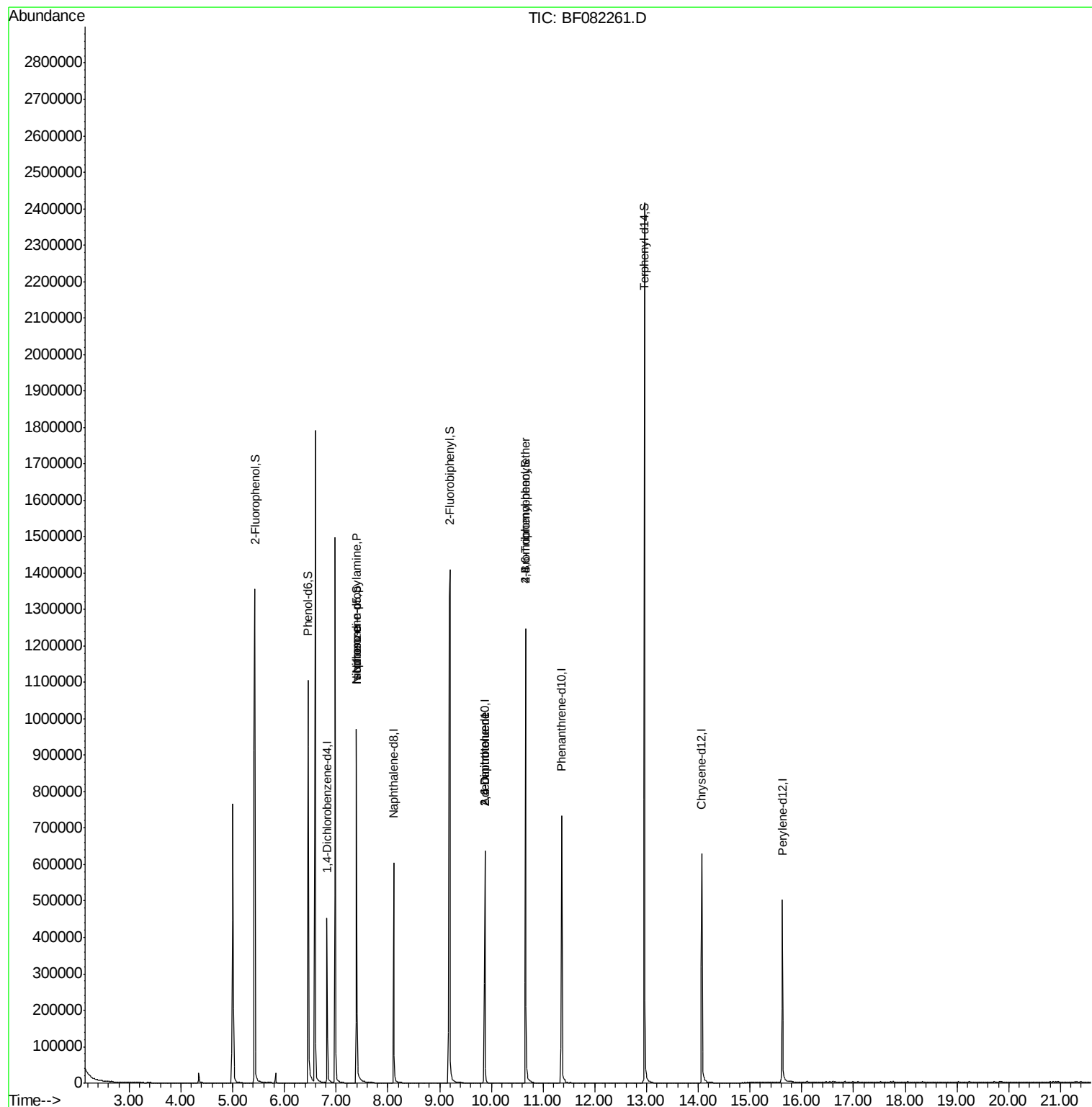
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78698	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	307806	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	151692	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	307206	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	322345	20.00	ng	-0.07
86) Perylene-d12	15.62	264	265466	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	498583	127.86	ng	0.01
7) Phenol-d6	6.46	99	613332	120.87	ng	-0.01
23) Nitrobenzene-d5	7.39	82	363728	79.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	159562	112.16	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	767521	83.91	ng	0.00
78) Terphenyl-d14	12.96	244	850586	69.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	46240	12.98	ng	# 81
25) Isophorone	7.39	82	313565	33.90	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	18221	8.08	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	18221	6.47	ng	# 23
66) 4-Bromophenyl-phenylether	10.66	248	10705	3.48	ng	# 1

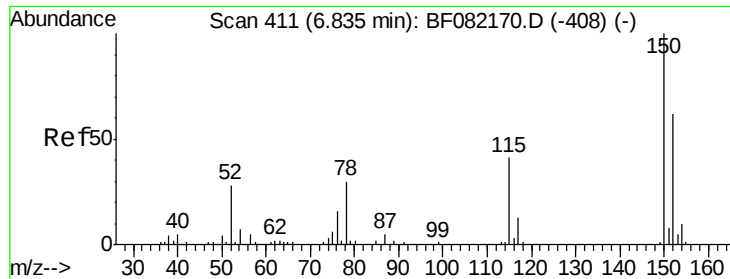
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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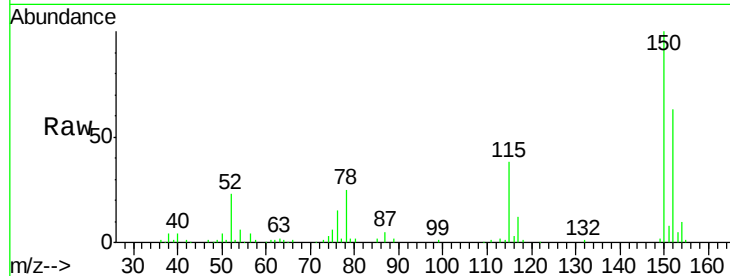


#1

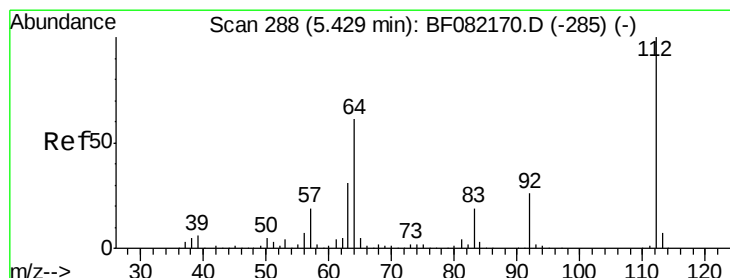
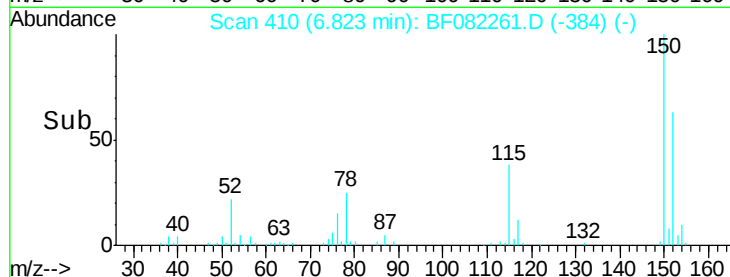
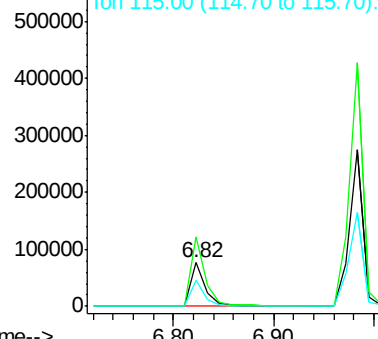
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF082261.D
 Acq: 13 Oct 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BL

Tot Ion:152 Resp: 78698
 Ion Ratio Lower Upper
 152 100
 150 159.3 129.0 193.4
 115 60.4 52.1 78.1



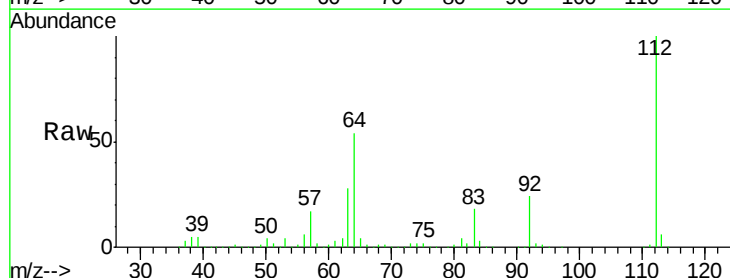
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



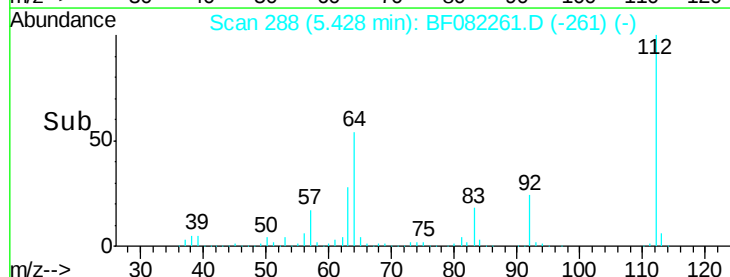
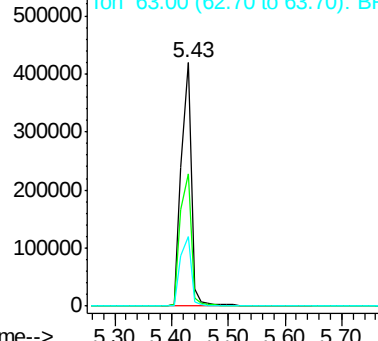
#5

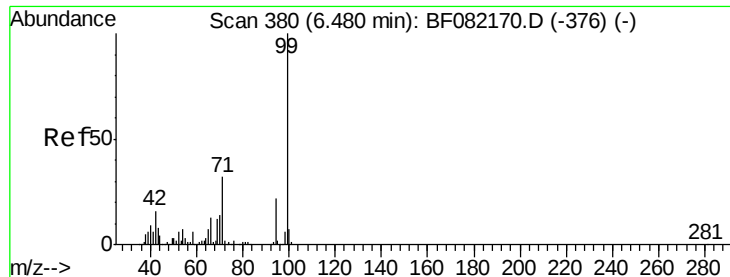
2-Fluorophenol
 Concen: 127.86 ng
 RT: 5.43 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF082261.D
 Acq: 13 Oct 2015 18:34

Tgt Ion:112 Resp: 498583
 Ion Ratio Lower Upper
 112 100
 64 54.1 48.6 73.0
 63 28.4 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: 120.87 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082261.D

Acq: 13 Oct 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB86079BL

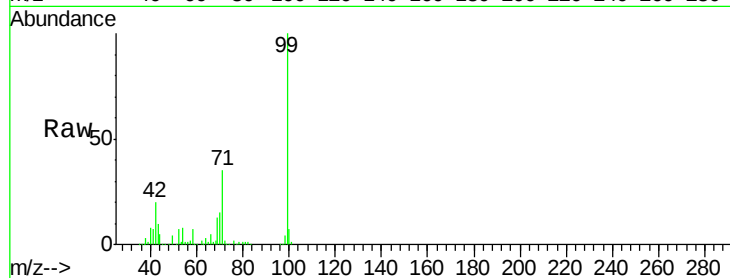
Tot Ion: 99 Resp: 613332

Ion Ratio Lower Upper

99 100

42 19.6 13.2 19.8

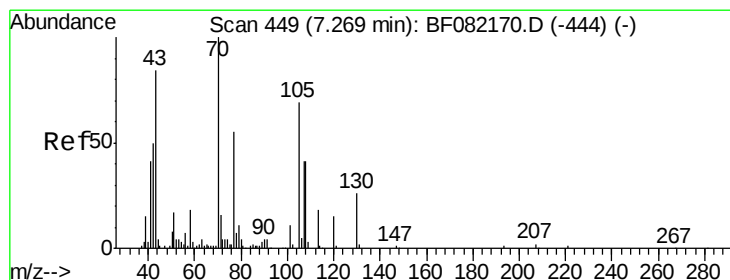
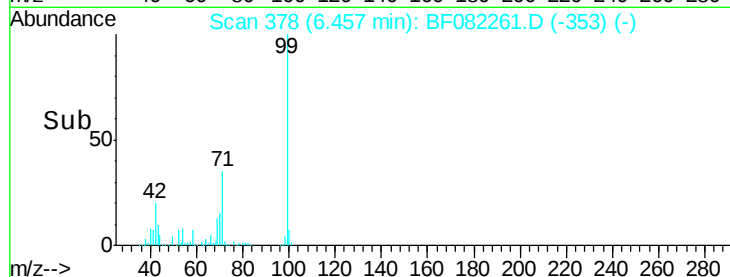
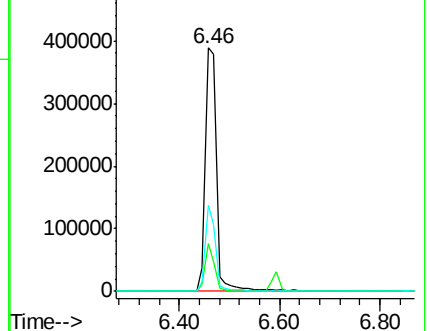
71 35.5 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.98 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082261.D

Acq: 13 Oct 2015 18:34

Tgt Ion: 70 Resp: 46240

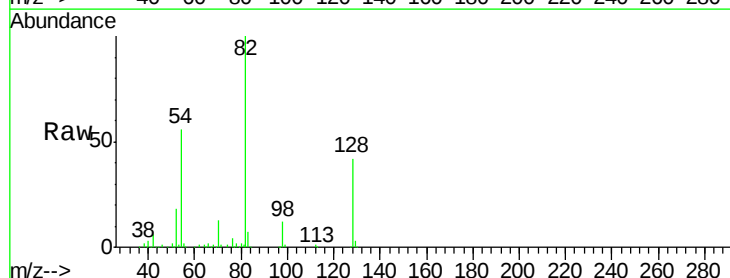
Ion Ratio Lower Upper

70 100

42 47.7 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#

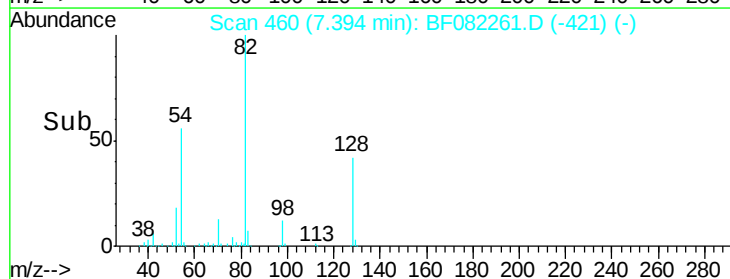
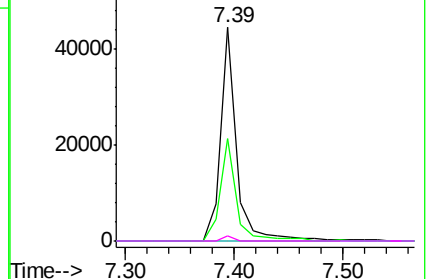


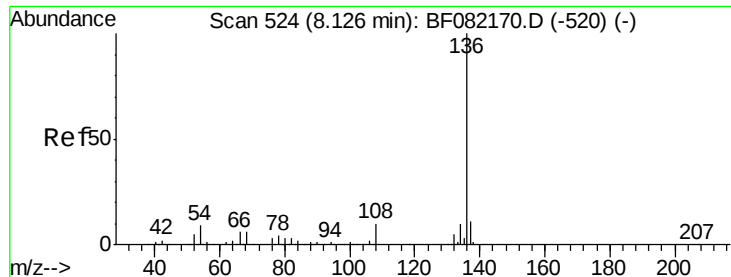
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

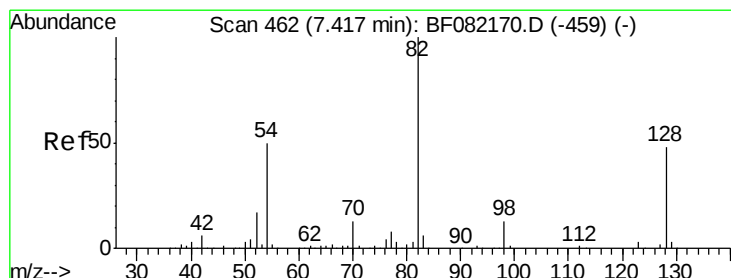
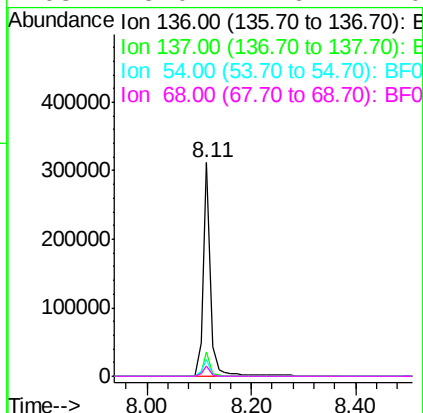
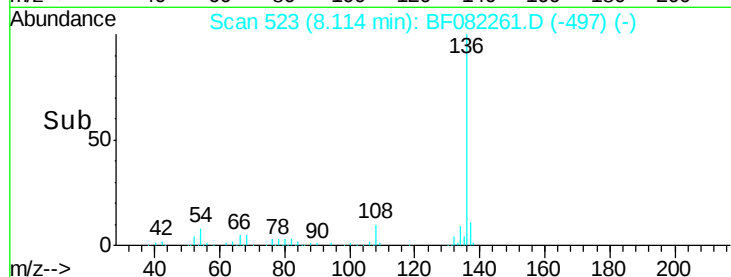
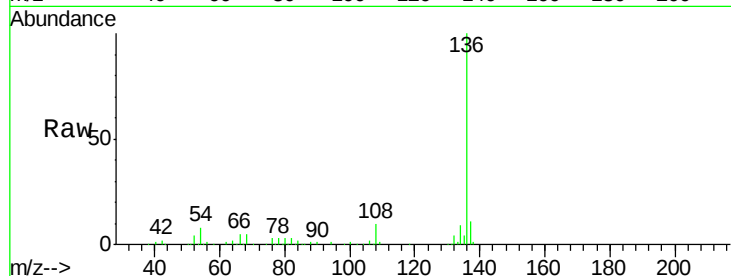




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082261.D
Acq: 13 Oct 2015 18:34

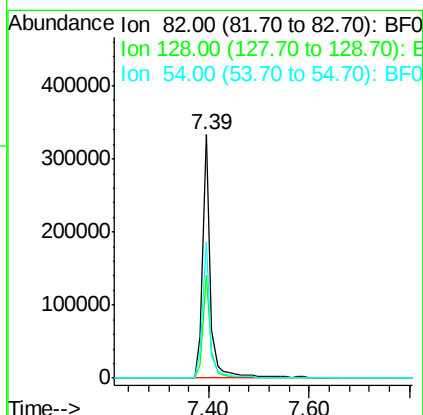
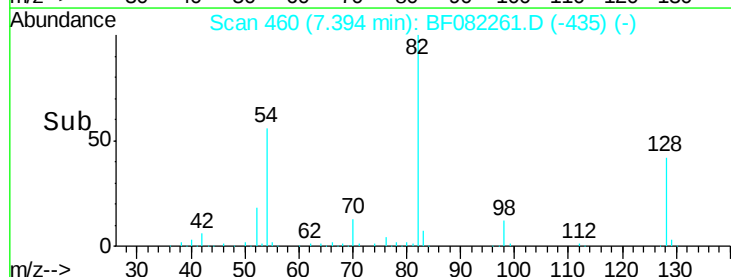
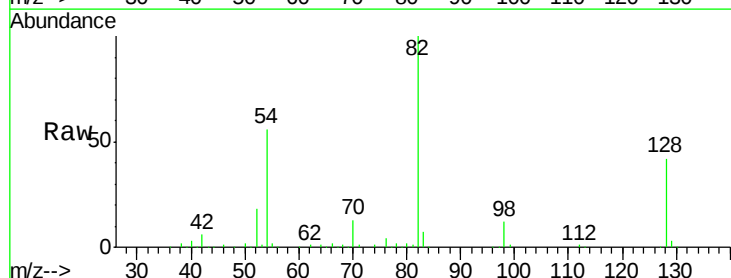
Instrument :
BNA_F
ClientSampleId :
PB86079BL

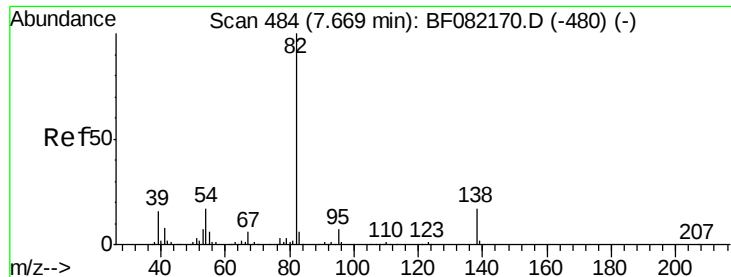
Tot Ion:136	Resp:	307806
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.6
54	7.8	7.5 11.3
68	5.0	4.6 7.0



#23
Nitrobenzene-d5
Concen: 79.36 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082261.D
Acq: 13 Oct 2015 18:34

Tgt Ion: 82	Resp:	363728
Ion	Ratio	Lower Upper
82	100	
128	42.4	38.7 58.1
54	55.7	40.1 60.1





#25

Isophorone

Concen: 33.90 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082261.D

Acq: 13 Oct 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB86079BL

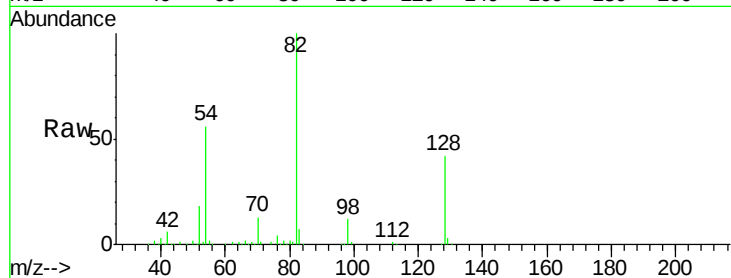
Tot Ion: 82 Resp: 313565

Ion Ratio Lower Upper

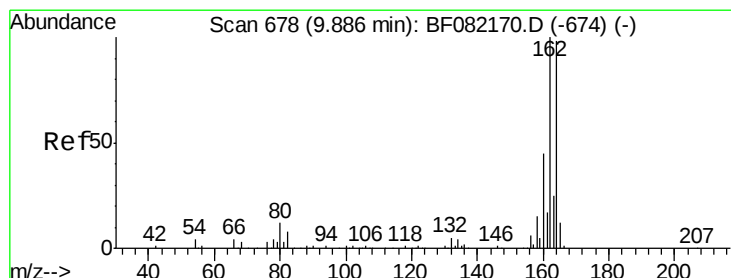
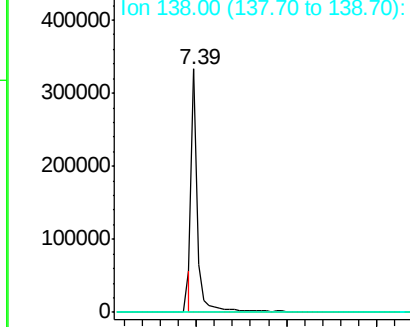
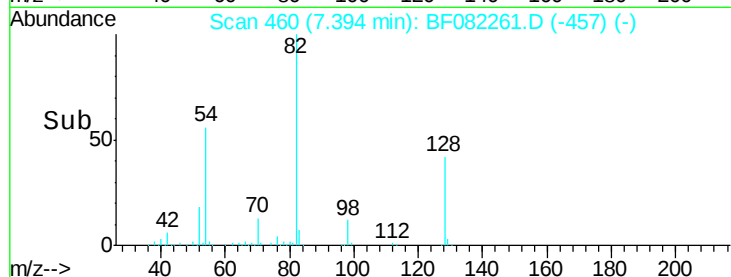
82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082261.D

Acq: 13 Oct 2015 18:34

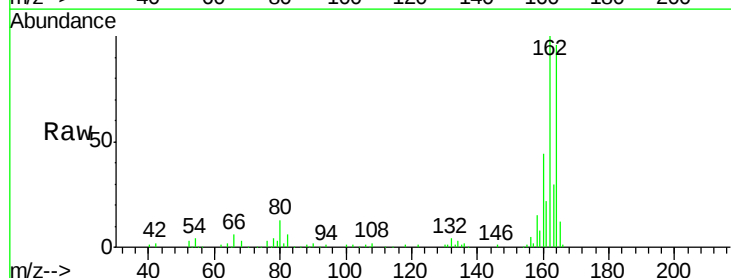
Tgt Ion: 164 Resp: 151692

Ion Ratio Lower Upper

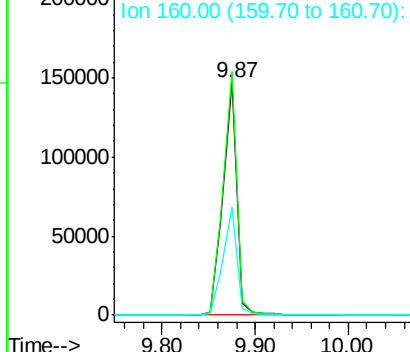
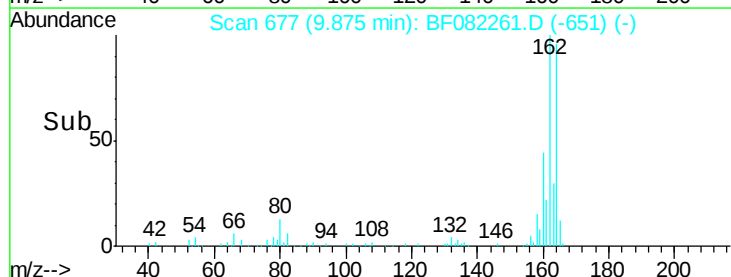
164 100

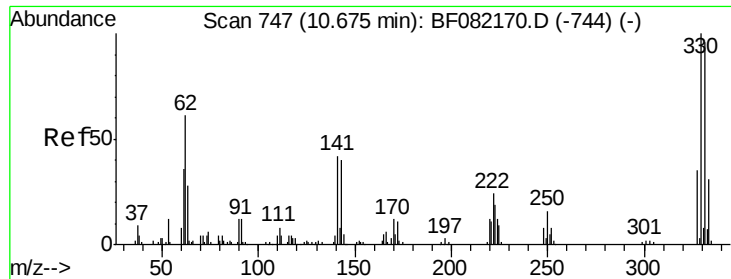
162 104.6 81.6 122.4

160 46.3 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

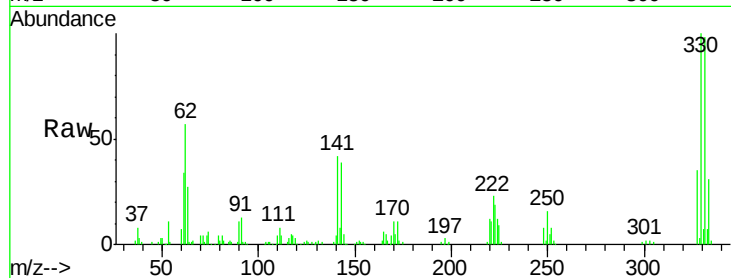




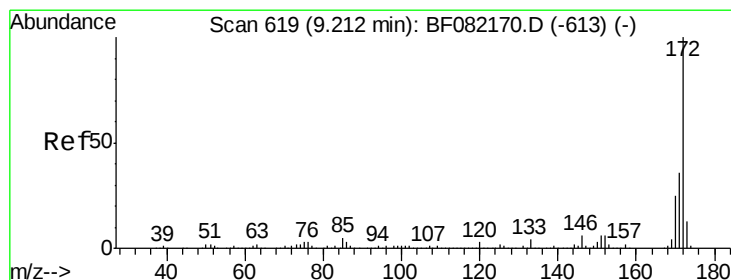
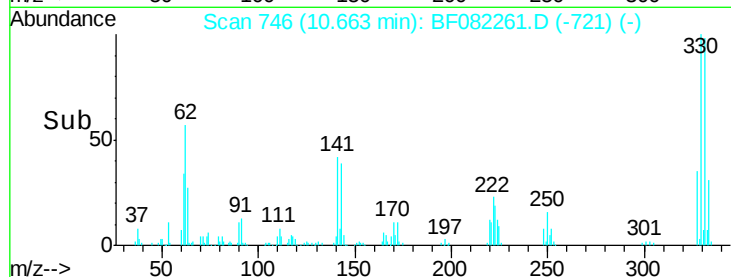
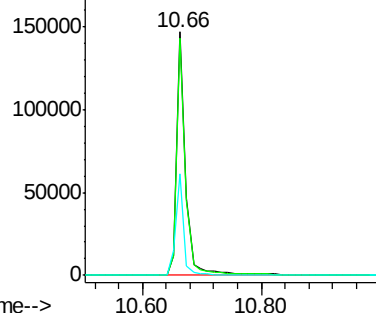
#41
 2,4,6-Tribromophenol
 Concen: 112.16 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082261.D
 Acq: 13 Oct 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	38.5	29.8	44.8

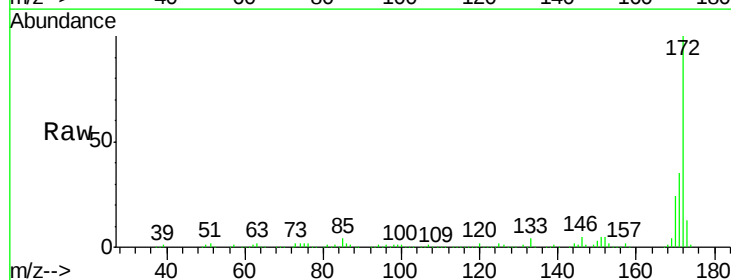


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

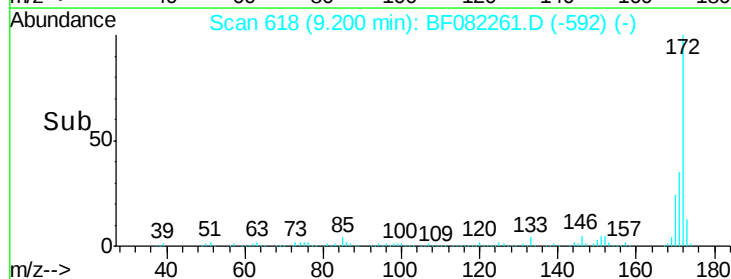
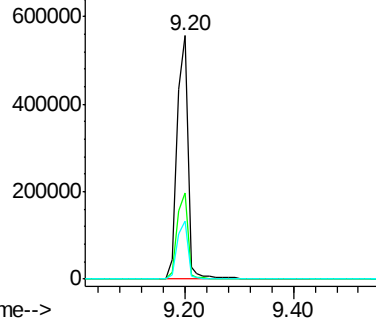


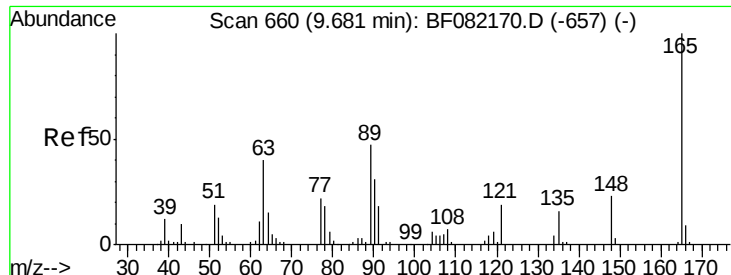
#44
 2-Fluorobiphenyl
 Concen: 83.91 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082261.D
 Acq: 13 Oct 2015 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.7	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

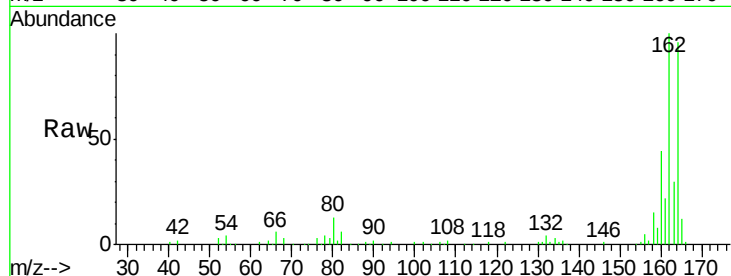




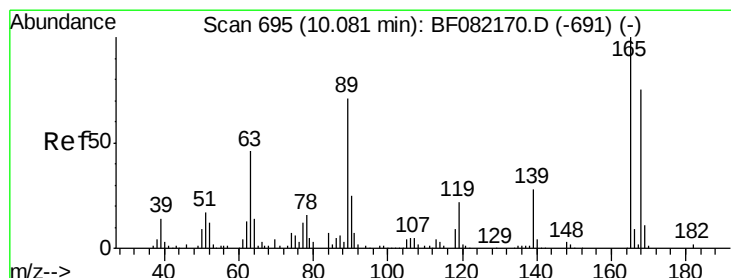
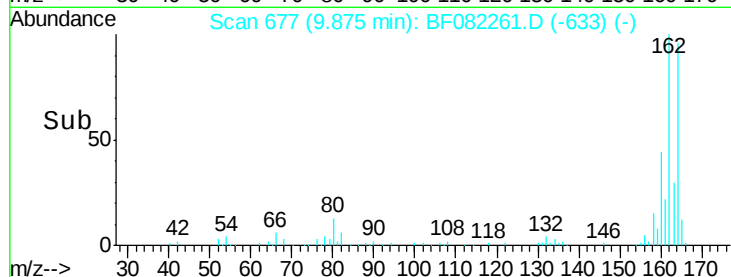
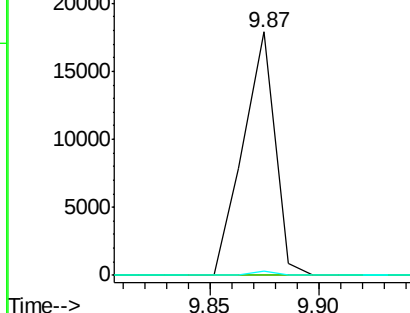
#50
 2,6-Dinitrotoluene
 Concen: 8.08 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF082261.D
 Acq: 13 Oct 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	1.8	37.8	56.6#

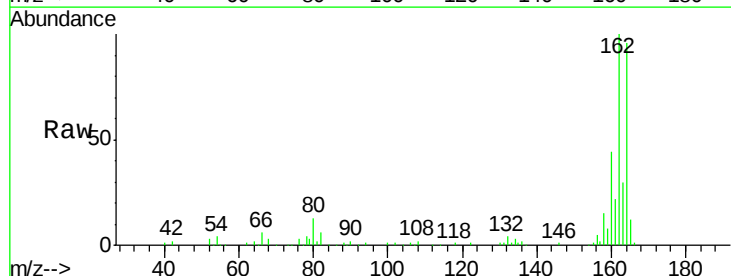


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

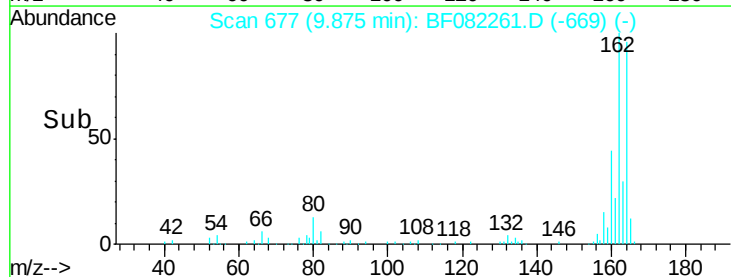
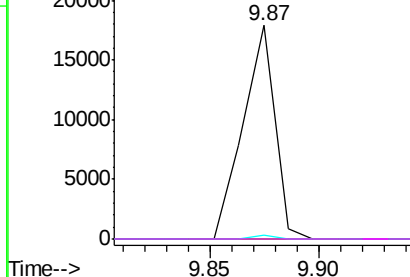


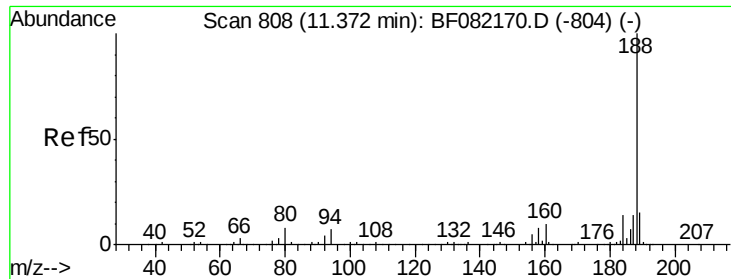
#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF082261.D
 Acq: 13 Oct 2015 18:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	1.8	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

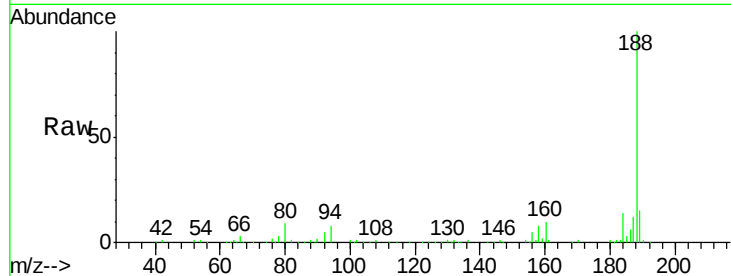




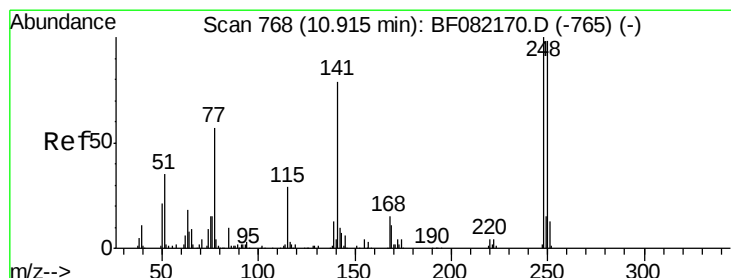
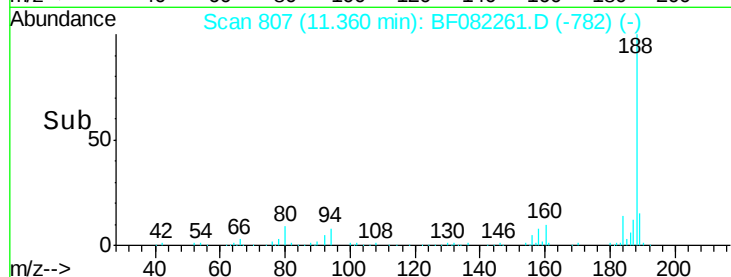
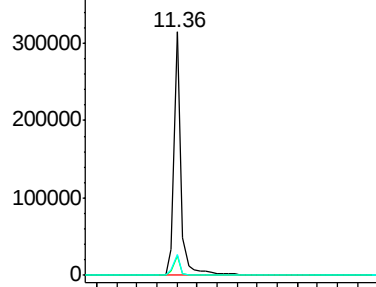
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082261.D
Acq: 13 Oct 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB86079BL

Tot Ion:188 Resp: 307206
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 8.6 6.4 9.6

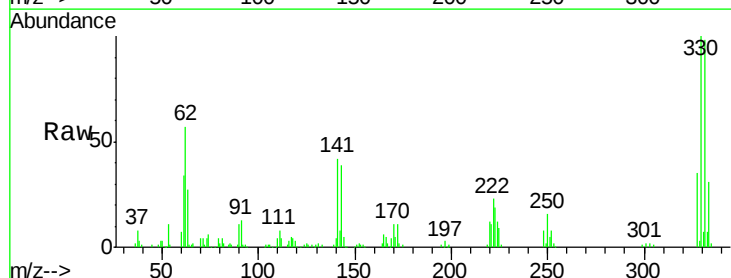


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

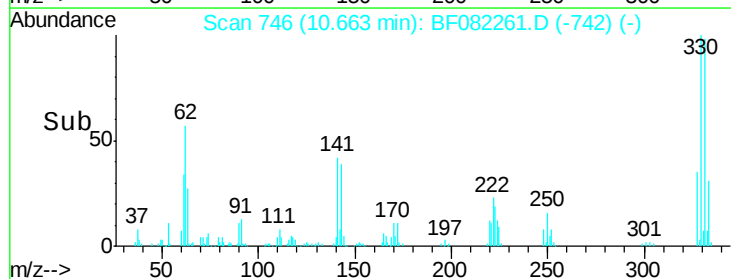
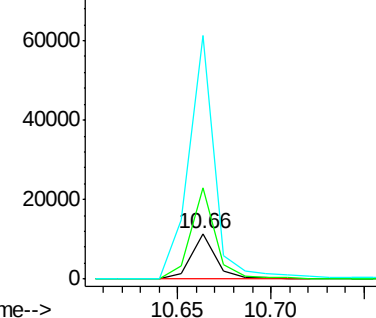


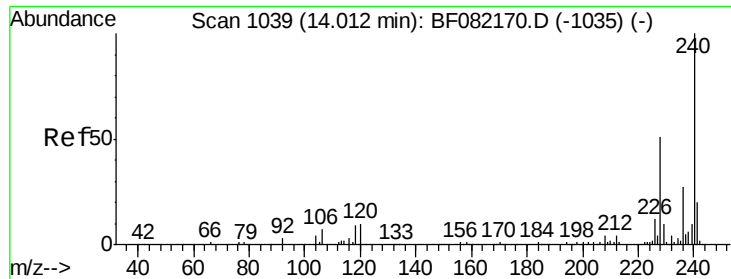
#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF082261.D
Acq: 13 Oct 2015 18:34

Tgt Ion:248 Resp: 10705
Ion Ratio Lower Upper
248 100
250 202.4 78.6 117.8#
141 537.7 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: 14.07 min Scan# 1044

Delta R.T. -0.07 min

Lab File: BF082261.D

Acq: 13 Oct 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB86079BL

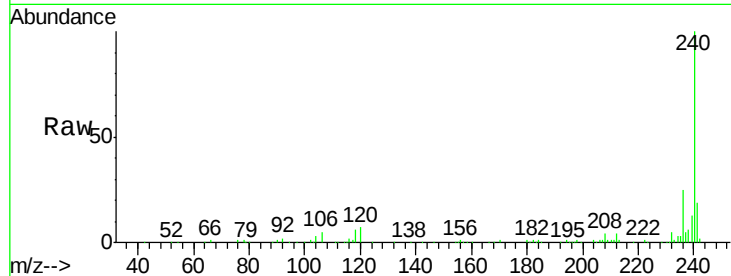
Tot Ion:240 Resp: 322345

Ion Ratio Lower Upper

240 100

120 7.2 8.1 12.1#

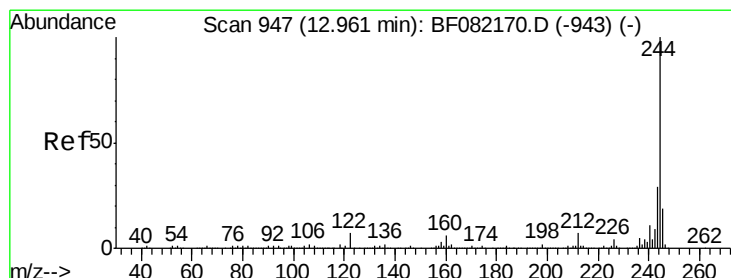
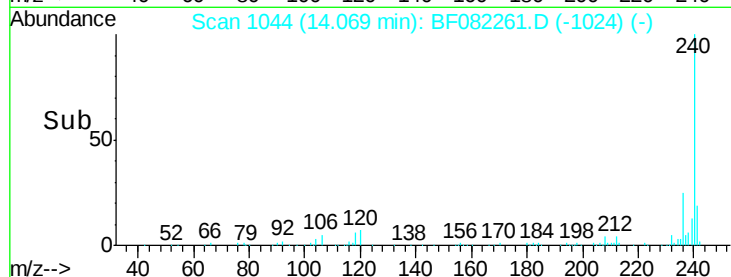
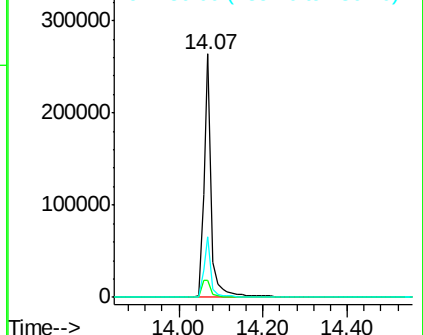
236 25.1 21.3 31.9



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: 69.92 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082261.D

Acq: 13 Oct 2015 18:34

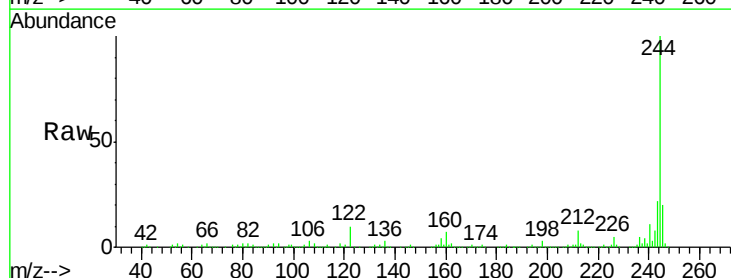
Tgt Ion:244 Resp: 850586

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

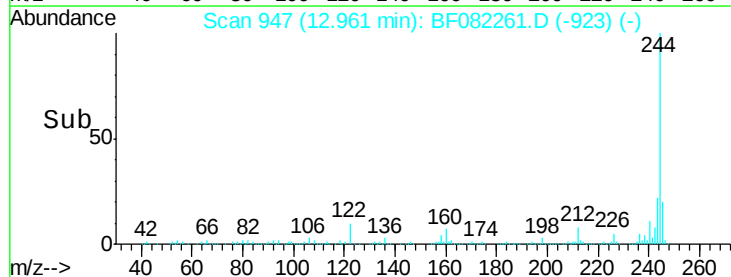
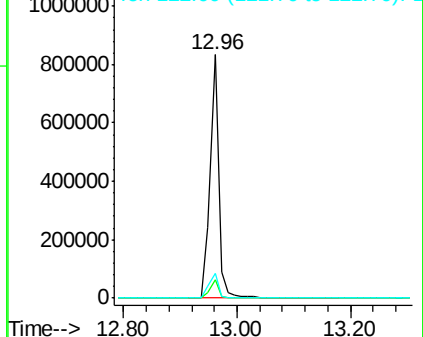
122 10.1 5.9 8.9#

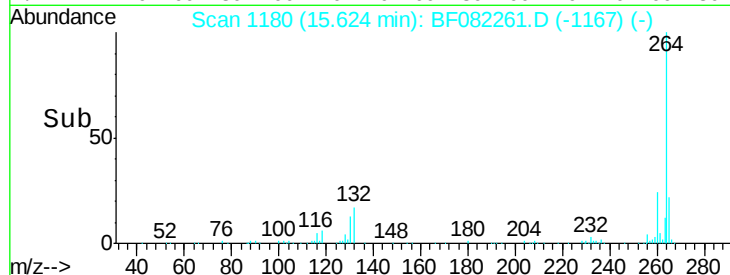
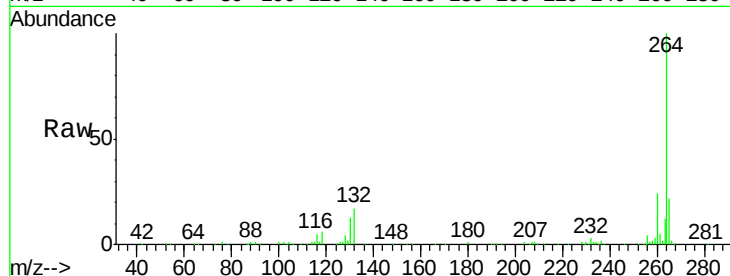
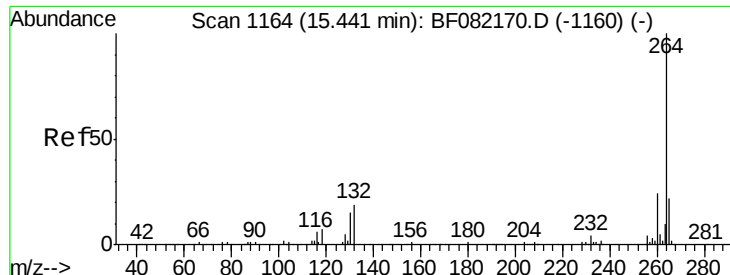


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.62 min Scan# 1180
Delta R.T. -0.15 min
Lab File: BF082261.D
Acq: 13 Oct 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB86079BL

Tot Ion:	264	Resp:	265466
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.6
265	21.9	17.3	25.9

